

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072219\  
 Data File : VU033361.D  
 Acq On : 22 Jul 2019 19:16  
 Operator : JC/SP  
 Sample : VSTDIC001  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

MMDadoda  
 7/23/2019 8:54:41 AM

Quant Time: Jul 23 02:55:42 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072219DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Jul 23 02:41:20 2019  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|-------|------|----------|--------|--------|----------|
| 1) Fluorobenzene              | 5.72  | 96   | 26165    | 1.00   | ug/l   | 0.00     |
| System Monitoring Compounds   |       |      |          |        |        |          |
| 57) 4-Bromofluorobenzene      | 10.30 | 95   | 9824     | 0.96   | ug/l   | 0.00     |
| Spiked Amount 1.000           |       |      | Recovery | =      | 96.00% |          |
| 68) 1,2-Dichlorobenzene-d4    | 11.85 | 152  | 10522    | 0.99   | ug/l   | 0.00     |
| Spiked Amount 1.000           |       |      | Recovery | =      | 99.00% |          |
| Target Compounds              |       |      |          |        |        |          |
|                               |       |      |          |        | Ovalue |          |
| 2) Dichlorodifluoromethane    | 1.20  | 85   | 11107    | 1.026  | ug/l   | 99       |
| 3) Chloromethane              | 1.32  | 50   | 12821    | 1.073  | ug/l   | 99       |
| 4) Vinyl Chloride             | 1.40  | 62   | 13718    | 1.029  | ug/l   | 99       |
| 5) Bromomethane               | 1.62  | 94   | 8548     | 1.019  | ug/l   | 99       |
| 6) Chloroethane               | 1.69  | 64   | 9927     | 1.061  | ug/l   | 98       |
| 7) Trichlorofluoromethane     | 1.87  | 101  | 19090    | 1.043  | ug/l   | 98       |
| 8) 1,1,2-Trichloro-1,2,2-trif | 2.27  | 101  | 9696     | 1.027  | ug/l   | 97       |
| 9) 1,1-Dichloroethene         | 2.27  | 96   | 9887     | 1.063  | ug/l   | 94       |
| 10) Iodomethane               | 2.40  | 142  | 12266    | 0.982  | ug/l   | 100      |
| 11) Allyl Chloride            | 2.58  | 41   | 15858    | 1.034  | ug/l   | 96       |
| 12) Acrylonitrile             | 2.93  | 53   | 5905     | 2.275  | ug/l   | 96       |
| 13) Acetone                   | 2.32  | 43   | 12321    | 5.564  | ug/l   | 96       |
| 14) Carbon Disulfide          | 2.46  | 76   | 36174    | 1.024  | ug/l   | 98       |
| 15) Methylene Chloride        | 2.68  | 84   | 13362    | 1.066  | ug/l   | 95       |
| 16) trans-1,2-Dichloroethene  | 2.96  | 96   | 11958    | 1.083  | ug/l   | 98       |
| 17) 1,1-Dichloroethane        | 3.42  | 63   | 15511    | 1.047  | ug/l   | 98       |
| 18) 2-Butanone                | 4.28  | 43   | 10840m   | 5.140  | ug/l   |          |
| 19) Cyclohexane               | 4.96  | 56   | 10126m   | 0.931  | ug/l   |          |
| 20) Methylcyclohexane         | 6.39  | 83   | 9458     | 0.864  | ug/l   | 92       |
| 21) 2,2-Dichloropropane       | 4.20  | 77   | 13534    | 1.078  | ug/l   | 97       |
| 22) cis-1,2-Dichloroethene    | 4.20  | 96   | 8390     | 1.003  | ug/l   | 92       |
| 23) Diethyl Ether             | 2.09  | 59   | 8366     | 1.044  | ug/l   | 95       |
| 24) tert-Butyl Alcohol        | 2.86  | 59   | 13618    | 11.060 | ug/l # | 82       |
| 25) Methyl tert-Butyl Ether   | 2.99  | 73   | 27709    | 1.035  | ug/l   | 98       |
| 26) Bromochloromethane        | 4.53  | 128  | 3920     | 1.065  | ug/l   | 96       |
| 27) Chloroform                | 4.65  | 83   | 18699    | 1.104  | ug/l   | 96       |
| 28) 1,1,1-Trichloroethane     | 4.89  | 97   | 13757    | 1.049  | ug/l   | 98       |
| 29) 1,1-Dichloropropene       | 5.11  | 75   | 10639    | 0.984  | ug/l   | 98       |
| 30) Carbon Tetrachloride      | 5.10  | 117  | 11520    | 0.998  | ug/l   | 92       |
| 31) Isopropyl Ether           | 3.56  | 45   | 19204    | 1.025  | ug/l   | 98       |
| 32) Ethyl-t-butyl ether       | 4.05  | 59   | 17856    | 0.992  | ug/l   | 94       |
| 33) Tert-Amyl methyl ether    | 5.56  | 73   | 15121    | 0.934  | ug/l   | 99       |
| 34) Propionitrile             | 4.34  | 54   | 2832     | 4.671  | ug/l # | 63       |
| 35) Benzene                   | 5.37  | 78   | 30669    | 0.982  | ug/l   | 99       |
| 36) 1,2-Dichloroethane        | 5.39  | 62   | 10799    | 1.039  | ug/l   | 99       |
| 37) Trichloroethene           | 6.16  | 130  | 8292     | 1.006  | ug/l   | 99       |
| 38) 1,2-Dichloropropane       | 6.41  | 63   | 8714     | 1.011  | ug/l   | 97       |
| 39) Methacrylonitrile         | 4.53  | 41   | 2536     | 1.054  | ug/l # | 64       |
| 40) Methyl acrylate           | 4.41  | 55   | 3646     | 0.974  | ug/l # | 71       |
| 41) Tetrahydrofuran           | 4.65  | 42   | 2299     | 1.905  | ug/l   | 96       |
| 42) 1-Chlorobutane            | 5.04  | 56   | 14334    | 0.989  | ug/l   | 93       |

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 Operator : JC/SP  
 Sample : VSTDIC001  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

Manual Integrations  
 APPROVED

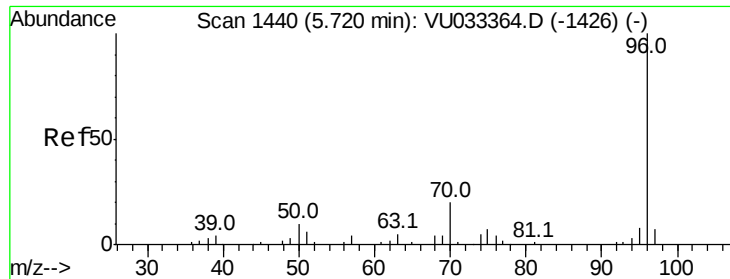
MMDadoda  
 7/23/2019 8:54:41 AM

Quant Time: Jul 23 02:55:42 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072219DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Tue Jul 23 02:41:20 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 43) Dibromomethane             | 6.55  | 93   | 4878     | 1.022 | ug/l   | 98       |
| 44) Bromodichloromethane       | 6.74  | 83   | 12070    | 1.049 | ug/l   | 100      |
| 45) 4-Methyl-2-Pentanone       | 7.45  | 43   | 22616    | 4.646 | ug/l   | 95       |
| 46) t-1,4-Dichloro-2-butene    | 10.50 | 75   | 3469m    | 1.764 | ug/l   |          |
| 47) Methyl methacrylate        | 6.61  | 69   | 6517     | 1.792 | ug/l   | 96       |
| 48) Ethyl methacrylate         | 8.01  | 69   | 5818     | 0.907 | ug/l   | 98       |
| 49) Toluene                    | 7.62  | 92   | 16436    | 0.918 | ug/l   | 97       |
| 50) t-1,3-Dichloropropene      | 7.87  | 75   | 9402     | 0.980 | ug/l   | 97       |
| 51) cis-1,3-Dichloropropene    | 7.25  | 75   | 10572    | 0.933 | ug/l   | 89       |
| 52) 1,1,2-Trichloroethane      | 8.05  | 97   | 6473     | 1.015 | ug/l # | 93       |
| 53) 1,3-Dichloropropane        | 8.23  | 76   | 10996    | 1.020 | ug/l   | 99       |
| 54) 2-Hexanone                 | 8.36  | 43   | 15583    | 4.548 | ug/l   | 91       |
| 55) Dibromochloromethane       | 8.46  | 129  | 7293     | 0.979 | ug/l   | 92       |
| 56) 1,2-Dibromoethane          | 8.57  | 107  | 5952     | 1.001 | ug/l   | 99       |
| 58) Tetrachloroethene          | 8.21  | 164  | 7185     | 0.961 | ug/l   | 96       |
| 59) Chlorobenzene              | 9.11  | 112  | 20743    | 1.011 | ug/l   | 92       |
| 60) 1,1,1,2-Tetrachloroethane  | 9.19  | 131  | 8233     | 1.057 | ug/l   | 94       |
| 61) Pentachloroethane          | 11.09 | 117  | 6496     | 1.016 | ug/l   | 93       |
| 62) Hexachloroethane           | 12.13 | 117  | 5899     | 0.953 | ug/l   | 95       |
| 63) Ethyl Benzene              | 9.23  | 91   | 29064    | 0.882 | ug/l   | 99       |
| 64) m/p-Xylenes                | 9.36  | 106  | 22623    | 1.717 | ug/l   | 90       |
| 65) o-Xylene                   | 9.76  | 106  | 10723    | 0.849 | ug/l   | 99       |
| 66) Styrene                    | 9.78  | 104  | 17986    | 0.840 | ug/l   | 98       |
| 67) Bromoform                  | 9.94  | 173  | 3858     | 0.957 | ug/l # | 96       |
| 69) Isopropylbenzene           | 10.15 | 105  | 28158    | 0.870 | ug/l   | 98       |
| 70) 1,1,2,2-Tetrachloroethane  | 10.44 | 83   | 8325     | 0.985 | ug/l   | 99       |
| 71) 1,2,3-Trichloropropane     | 10.48 | 75   | 7233m    | 1.108 | ug/l   |          |
| 72) Bromobenzene               | 10.44 | 156  | 8125     | 0.950 | ug/l   | 98       |
| 73) n-propylbenzene            | 10.57 | 120  | 7998     | 0.867 | ug/l   | 96       |
| 74) 2-Chlorotoluene            | 10.65 | 126  | 7788     | 0.925 | ug/l   | 99       |
| 75) 1,3,5-Trimethylbenzene     | 10.76 | 105  | 24574    | 0.846 | ug/l   | 99       |
| 76) 4-Chlorotoluene            | 10.76 | 126  | 7617     | 0.868 | ug/l   | 95       |
| 77) tert-Butylbenzene          | 11.09 | 119  | 24643    | 0.895 | ug/l   | 98       |
| 78) 1,2,4-Trimethylbenzene     | 11.13 | 105  | 24366    | 0.820 | ug/l   | 99       |
| 79) sec-Butylbenzene           | 11.31 | 105  | 32580    | 0.859 | ug/l   | 98       |
| 80) Nitrobenzene               | 12.87 | 77   | 785      | 3.231 | ug/l # | 64       |
| 81) p-Isopropyltoluene         | 11.46 | 119  | 25554    | 0.829 | ug/l   | 95       |
| 82) 1,3-Dichlorobenzene        | 11.40 | 146  | 17580    | 0.967 | ug/l   | 98       |
| 83) 1,4-Dichlorobenzene        | 11.49 | 146  | 17132    | 0.953 | ug/l   | 99       |
| 84) n-Butylbenzene             | 11.87 | 91   | 27392    | 0.868 | ug/l   | 96       |
| 85) 1,2-Dichlorobenzene        | 11.86 | 146  | 16953    | 0.995 | ug/l   | 96       |
| 86) 1,2-Dibromo-3-Chloropropan | 12.64 | 75   | 1278     | 0.961 | ug/l   | 93       |
| 87) 1,2,4-Trichlorobenzene     | 13.49 | 180  | 8741     | 0.862 | ug/l   | 99       |
| 88) Hexachlorobutadiene        | 13.68 | 225  | 6147     | 0.983 | ug/l   | 99       |
| 89) Naphthalene                | 13.73 | 128  | 13356    | 0.756 | ug/l   | 98       |
| 90) 1,2,3-Trichlorobenzene     | 13.98 | 180  | 8747     | 0.889 | ug/l   | 97       |
| -----                          |       |      |          |       |        |          |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

ClientSampleId :

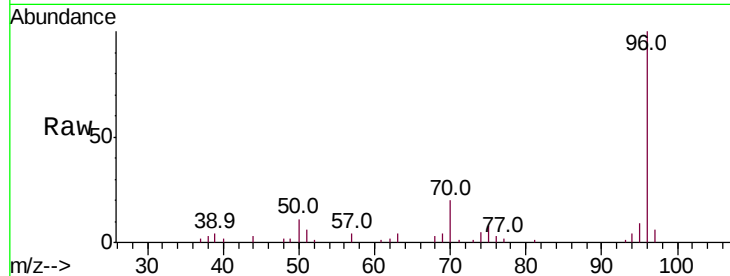
VSTDIC001

Tot Ion: 96 Resp: 26165

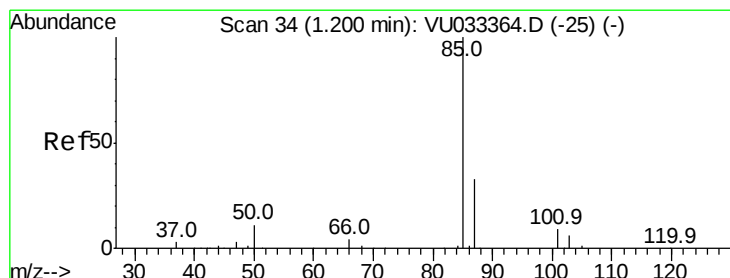
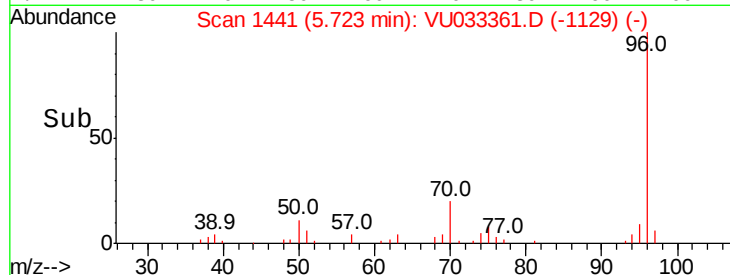
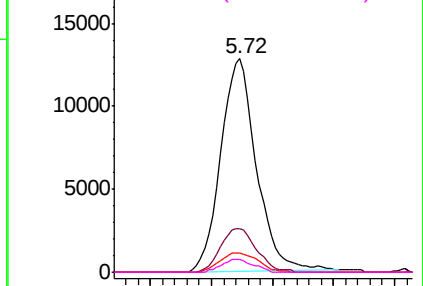
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 70  | 20.7  | 16.4  | 24.6  |
| 95  | 9.8   | 6.7   | 10.1  |
| 97  | 5.4   | 0.0   | 0.0#  |

Manual Integrations  
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Abundance Ion 96.00 (95.70 to 96.70): VU033361.D (-1426) (-)



#2

Dichlorodifluoromethane

Concen: 1.026 ug/l

RT: 1.20 min Scan# 34

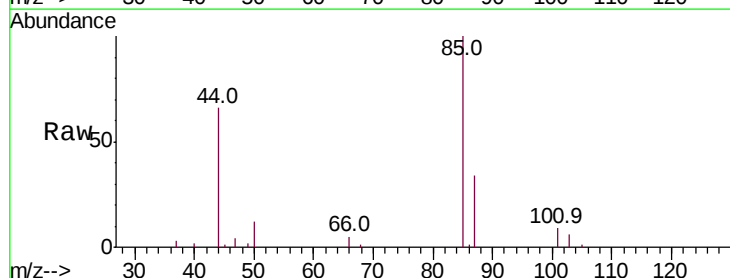
Delta R.T. -0.00 min

Lab File: VU033361.D

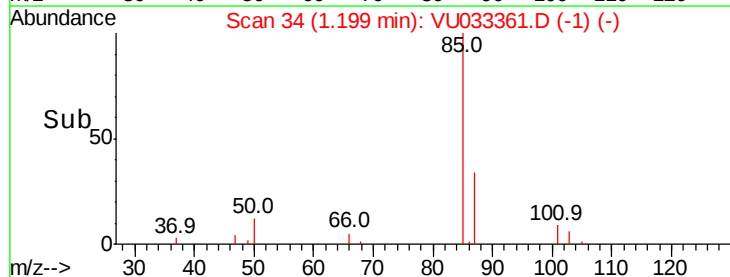
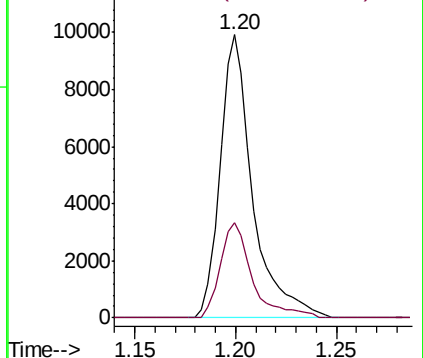
Acq: 22 Jul 2019 19:16

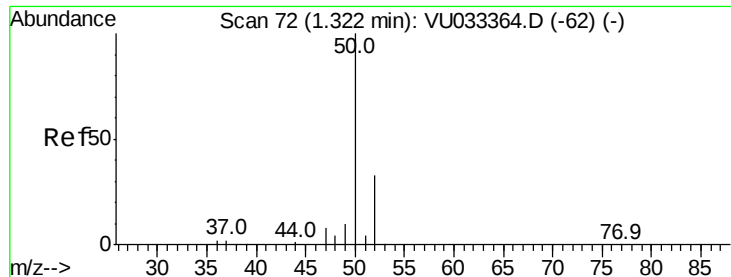
Tgt Ion: 85 Resp: 11107

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 85  | 100   |       |       |
| 87  | 33.7  | 16.6  | 49.7  |



Abundance Ion 85.00 (84.70 to 85.70): VU033361.D (-1129) (-)





#3

Chloromethane

Concen: 1.073 ug/l

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 12821

Ion Ratio Lower Upper

50 100

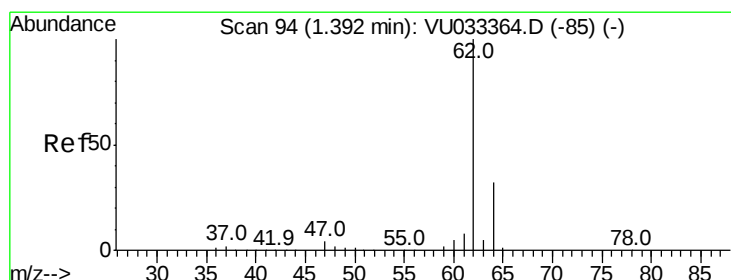
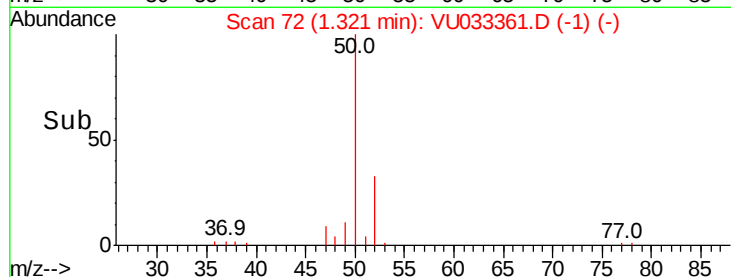
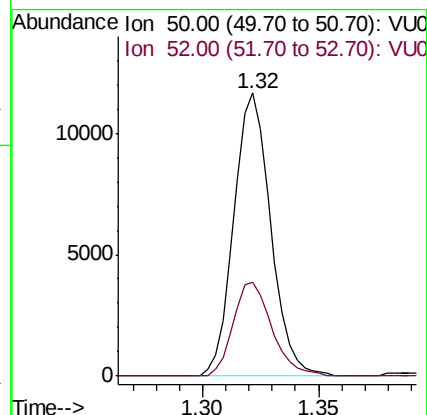
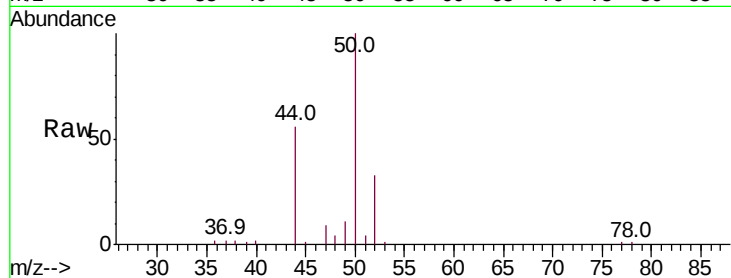
52 33.3 26.1 39.1

Manual Integrations

APPROVED

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7/23/2019 8:54:41 AM



#4

Vinyl Chloride

Concen: 1.029 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033361.D

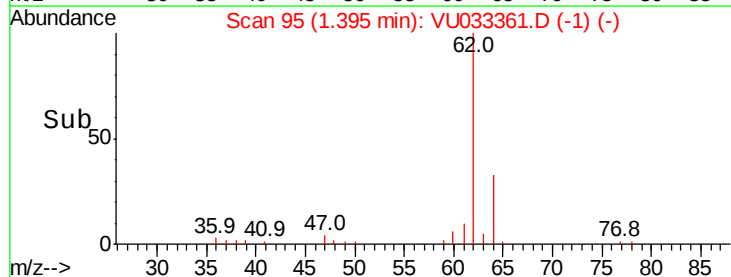
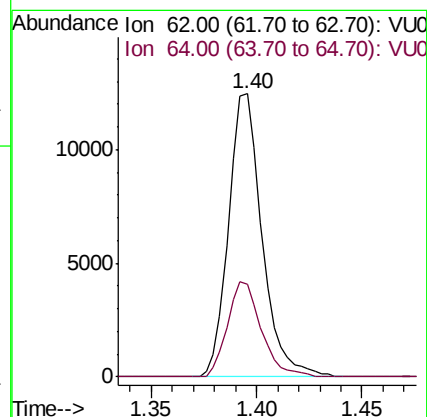
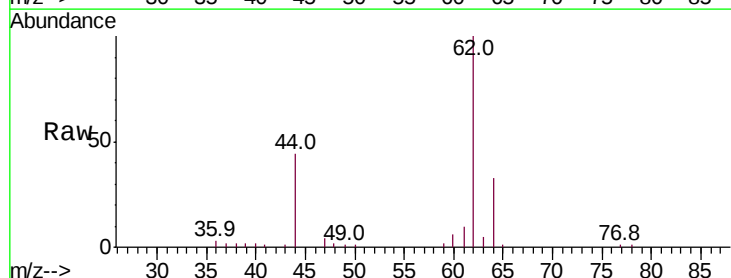
Acq: 22 Jul 2019 19:16

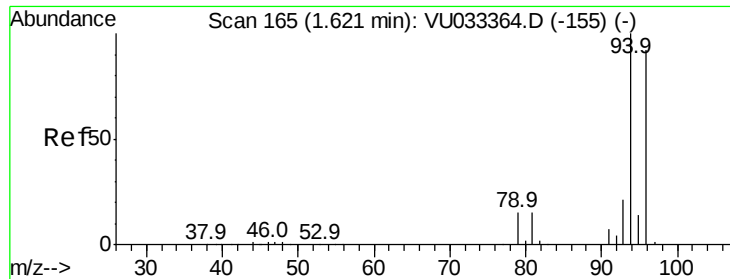
Tgt Ion: 62 Resp: 13718

Ion Ratio Lower Upper

62 100

64 32.7 25.6 38.4





#5

Bromomethane

Concen: 1.019 ug/l

RT: 1.62 min Scan# 165

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 8548

Ion Ratio Lower Upper

94 100

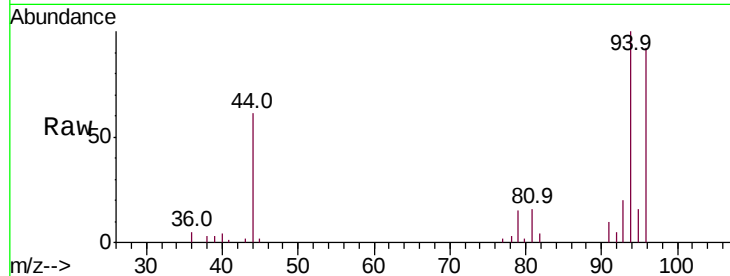
96 92.3 73.2 109.8

Manual Integrations

APPROVED

MMDadoda

7/23/2019 8:54:41 AM



Abundance Ion 94.00 (93.70 to 94.70): VU033361.D (-155) (-)

Ion 96.00 (95.70 to 96.70): VU033361.D (-155) (-)

1.62

8000

6000

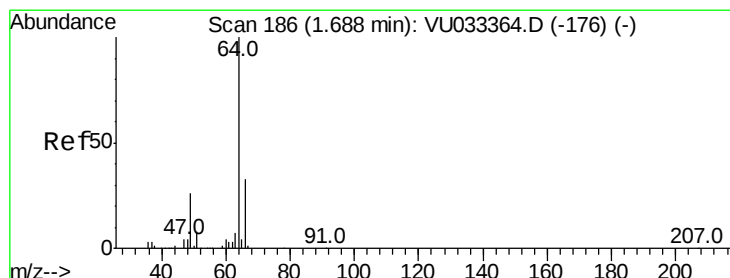
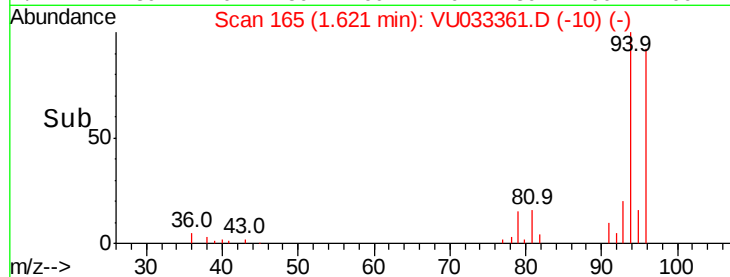
4000

2000

0

1.60 1.65

Time-->



#6

Chloroethane

Concen: 1.061 ug/l

RT: 1.69 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU033361.D

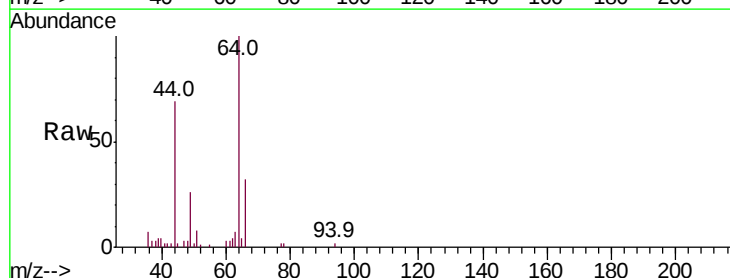
Acq: 22 Jul 2019 19:16

Tgt Ion: 64 Resp: 9927

Ion Ratio Lower Upper

64 100

66 32.0 26.4 39.6



Abundance Ion 64.00 (63.70 to 64.70): VU033361.D (-176) (-)

Ion 66.00 (65.70 to 66.70): VU033361.D (-176) (-)

1.69

8000

6000

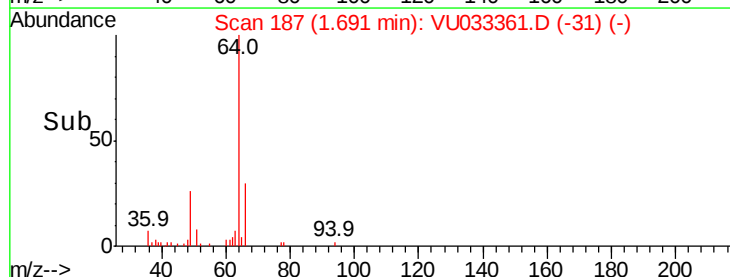
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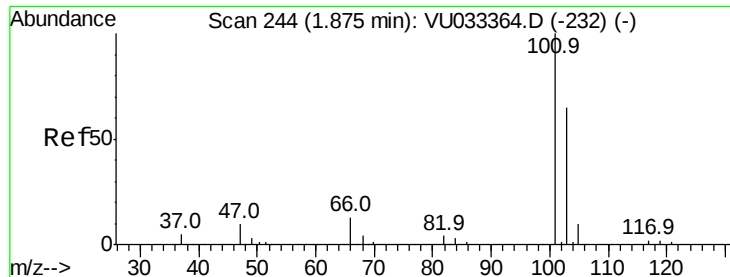
2000

0

1.65 1.70

Time-->





#7

Trichlorofluoromethane

Concen: 1.043 ug/l

RT: 1.87 min Scan# 244

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

Tot Ion:101 Resp: 19090

Ion Ratio Lower Upper

101 100

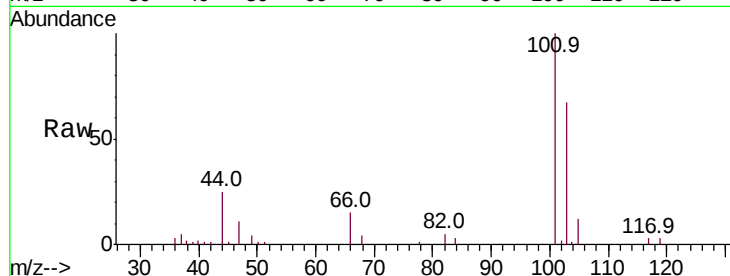
103 67.1 52.2 78.2

Manual Integrations

APPROVED

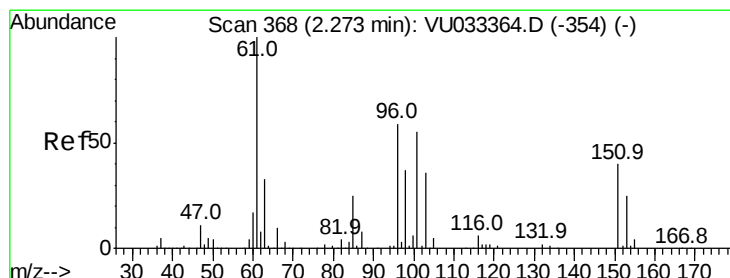
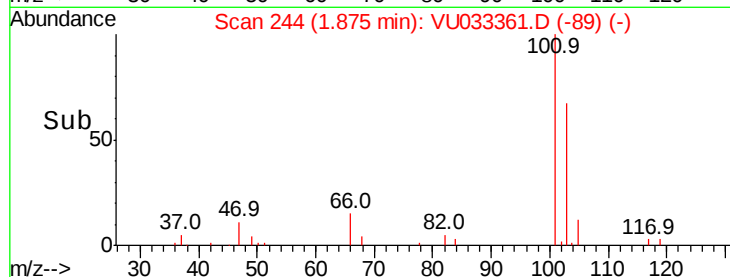
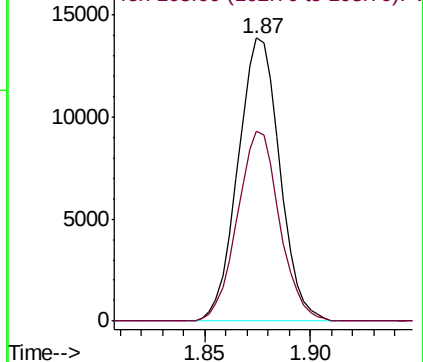
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.027 ug/l

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

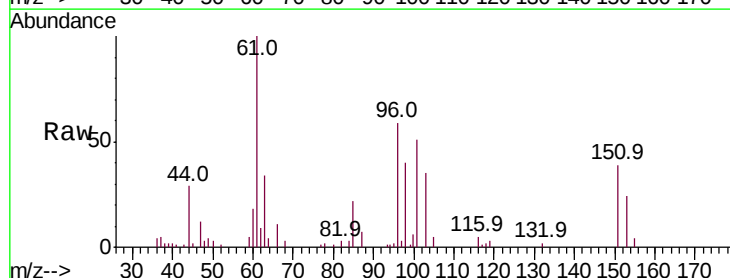
Tgt Ion:101 Resp: 9696

Ion Ratio Lower Upper

101 100

85 45.3 37.5 56.3

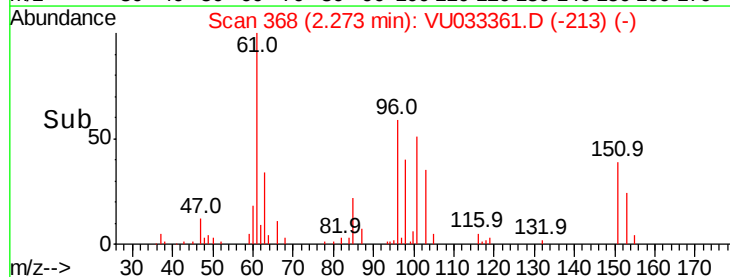
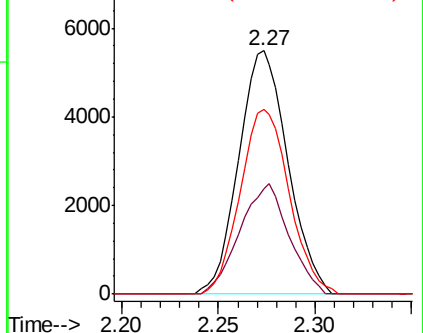
151 75.9 58.3 87.5

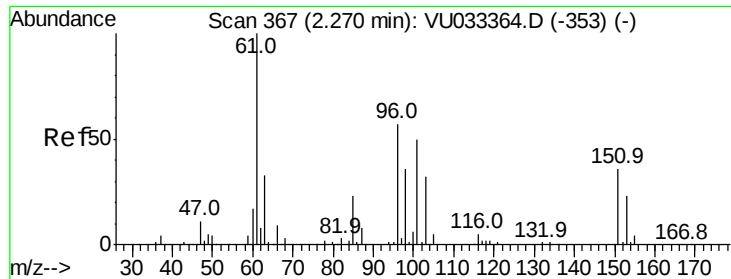


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 1.063 ug/l

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

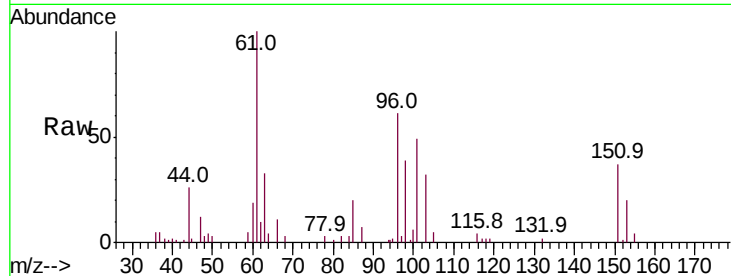
ClientSampleId :

VSTDIC001

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 96    | Resp: | 9887  |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 164.4 | 0.0   | 525.6 |
| 98        | 64.4  | 0.0   | 126.4 |

Manual Integrations  
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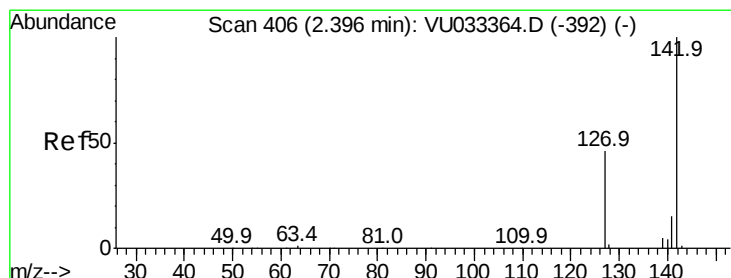
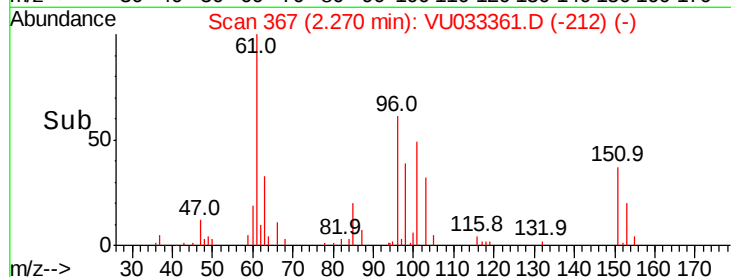
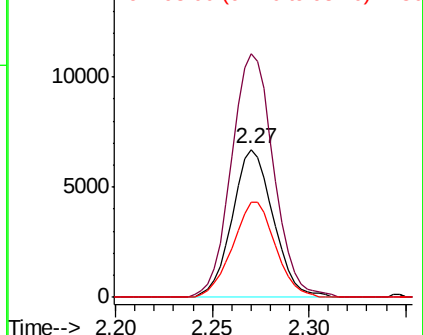
MMDadoda  
7/23/2019 8:54:41 AM



Abundance Ion 96.00 (95.70 to 96.70): VU033361.D (-212) (-)

Ion 61.00 (60.70 to 61.70): VU033361.D (-212) (-)

Ion 98.00 (97.70 to 98.70): VU033361.D (-212) (-)



#10

Iodomethane

Concen: 0.982 ug/l

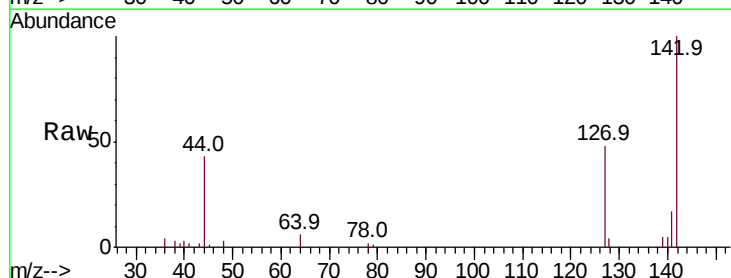
RT: 2.40 min Scan# 406

Delta R.T. -0.00 min

Lab File: VU033361.D

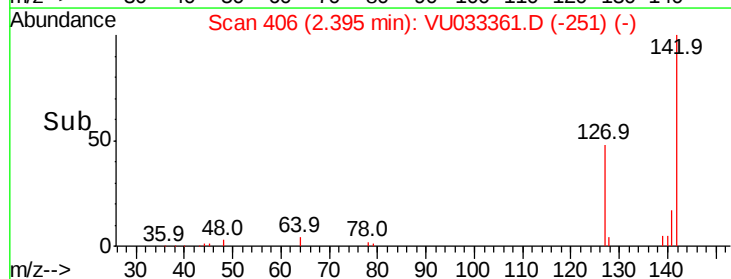
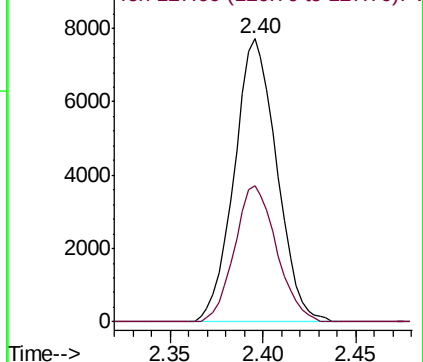
Acq: 22 Jul 2019 19:16

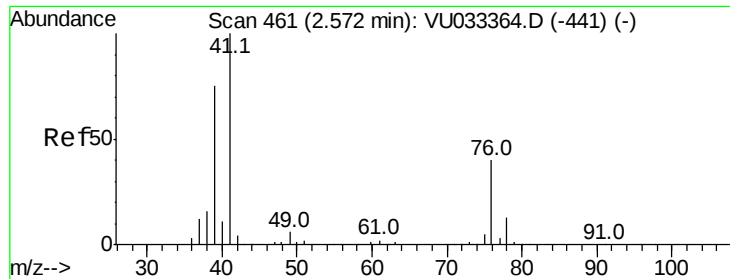
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 12266 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 47.5  | 37.8  | 56.6  |



Abundance Ion 142.00 (141.70 to 142.70): VU033361.D (-251) (-)

Ion 127.00 (126.70 to 127.70): VU033361.D (-251) (-)





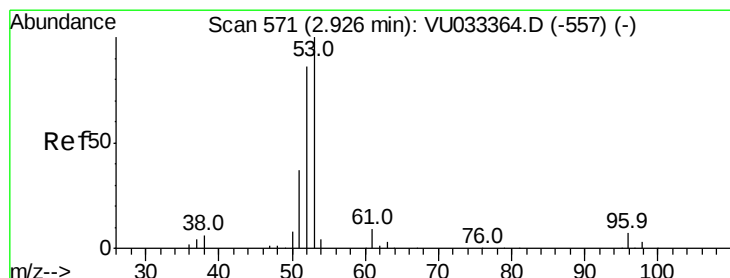
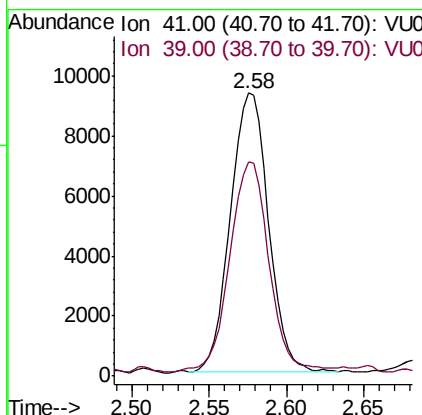
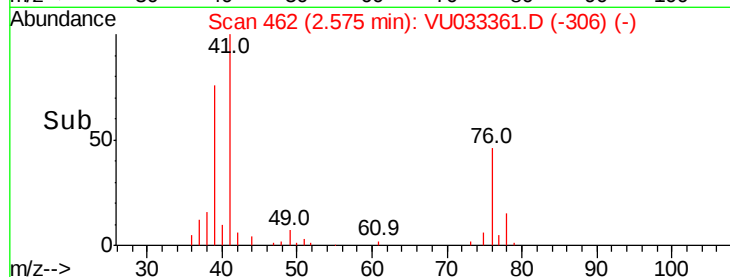
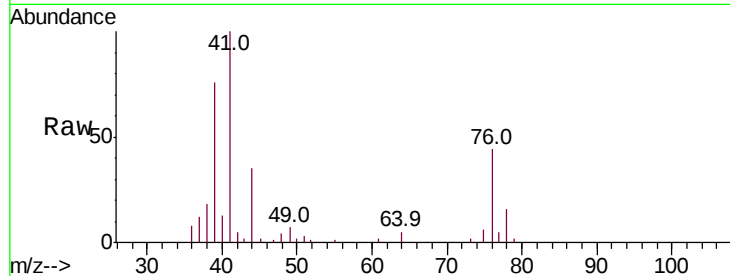
#11  
Allvl Chloride  
Concen: 1.034 ug/l  
RT: 2.58 min Scan# 462  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

Tot Ion: 41 Resp: 15858  
Ion Ratio Lower Upper  
41 100  
39 77.1 58.7 88.1

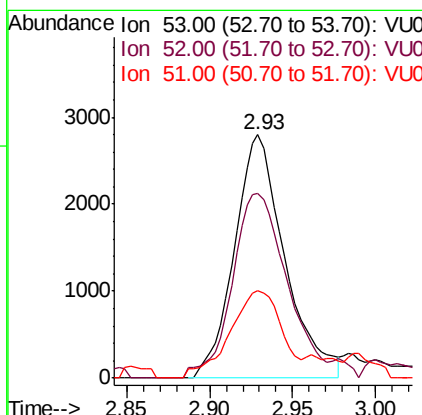
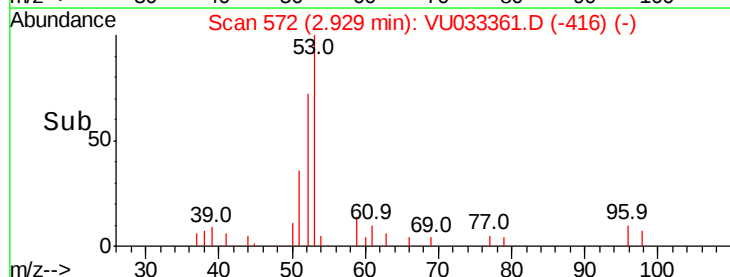
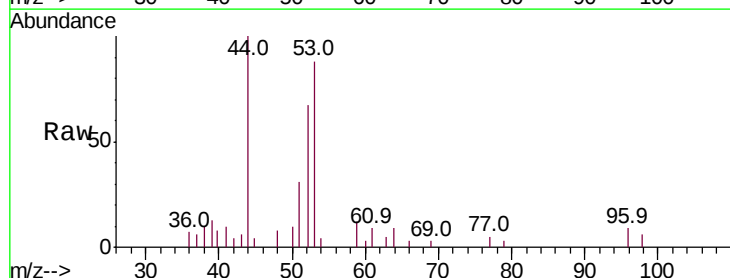
Manual Integrations  
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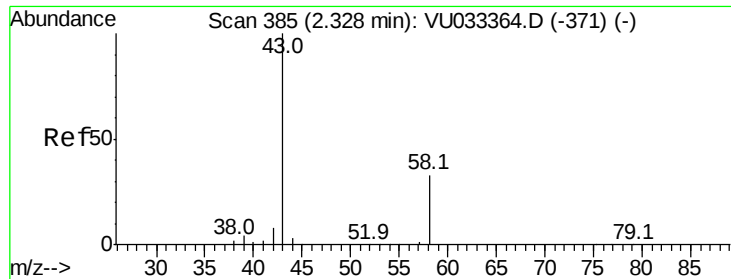
MMDadoda  
7/23/2019 8:54:41 AM



#12  
Acrylonitrile  
Concen: 2.275 ug/l  
RT: 2.93 min Scan# 572  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Tgt Ion: 53 Resp: 5905  
Ion Ratio Lower Upper  
53 100  
52 82.2 69.8 104.8  
51 36.7 29.1 43.7





#13

Acetone

Concen: 5.564 ug/l

RT: 2.32 min Scan# 384

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 12321

Ion Ratio Lower Upper

43 100

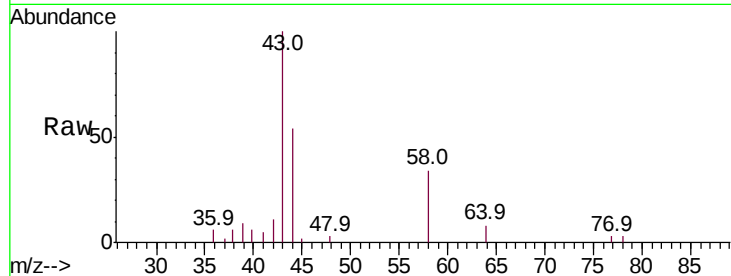
58 34.9 26.3 39.5

Manual Integrations

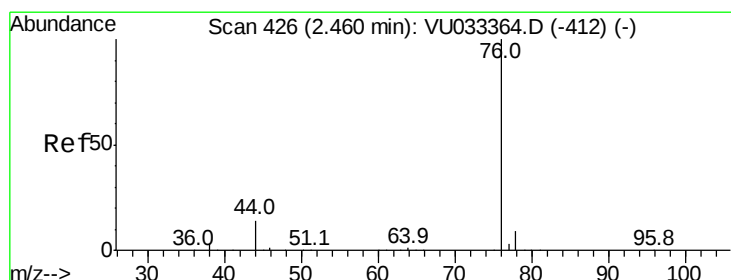
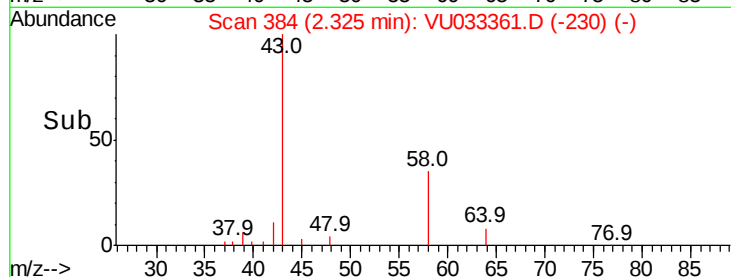
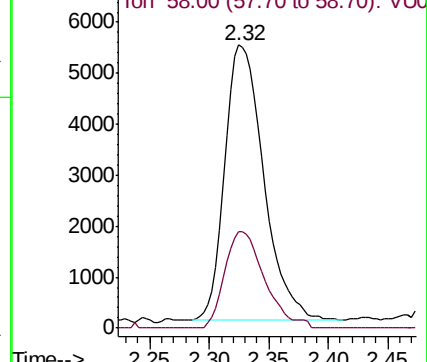
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7/23/2019 8:54:41 AM



Abundance Ion 43.00 (42.70 to 43.70): VU033361.D (-230) (-)



#14

Carbon Disulfide

Concen: 1.024 ug/l

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033361.D

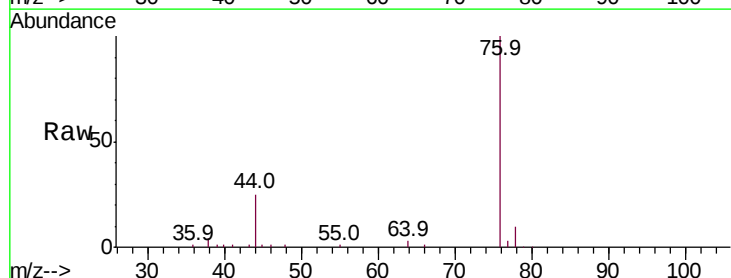
Acq: 22 Jul 2019 19:16

Tgt Ion: 76 Resp: 36174

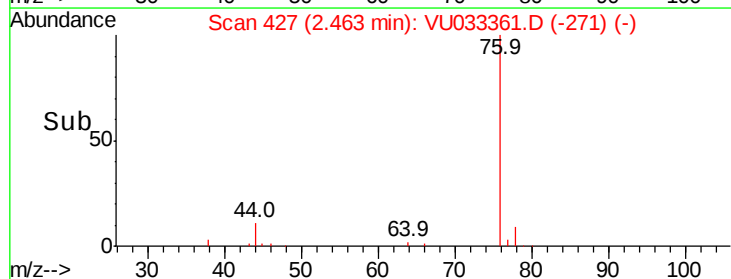
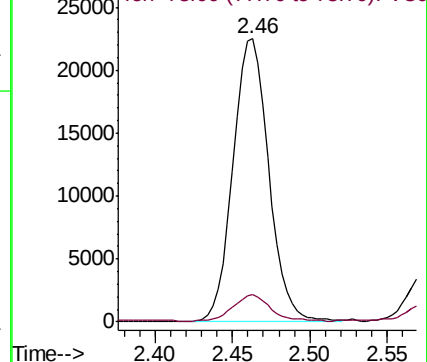
Ion Ratio Lower Upper

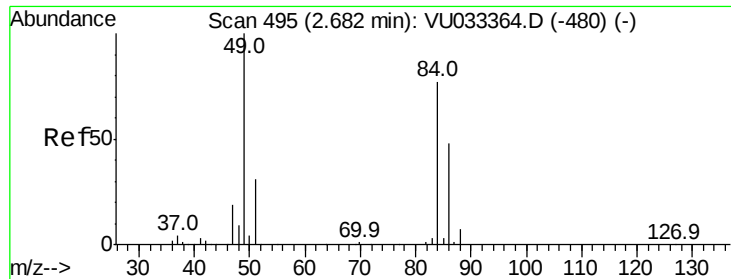
76 100

78 9.8 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU033361.D (-271) (-)





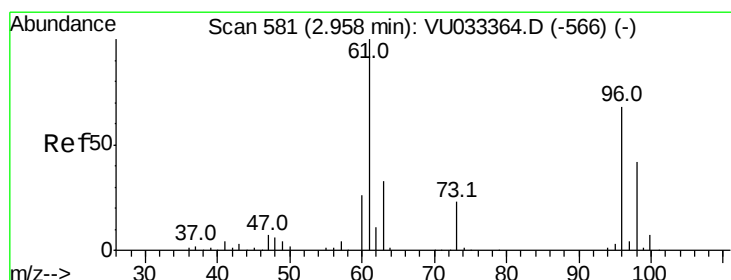
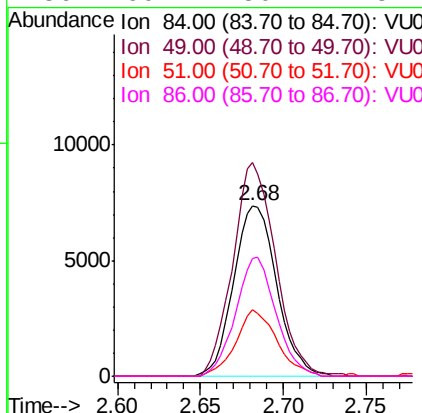
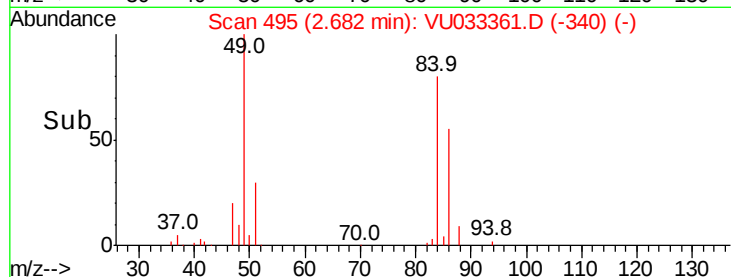
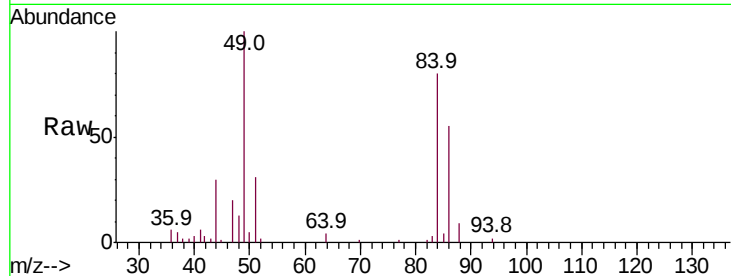
#15  
Methvlene Chloride  
Concen: 1.066 ug/l  
RT: 2.68 min Scan# 495  
Delta R.T. -0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 13362 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 125.1 | 103.5 | 155.3 |
| 51       | 38.8  | 0.0   | 80.4  |
| 86       | 69.1  | 50.1  | 75.1  |

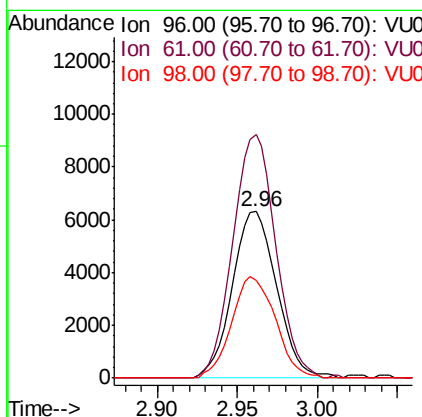
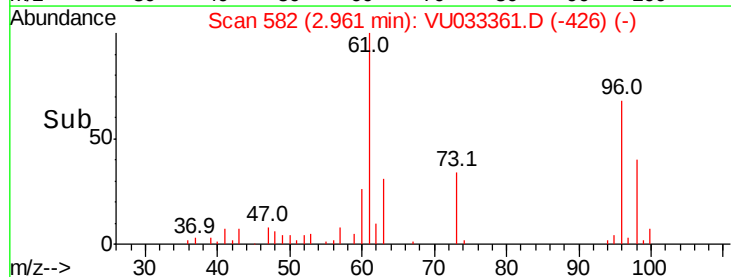
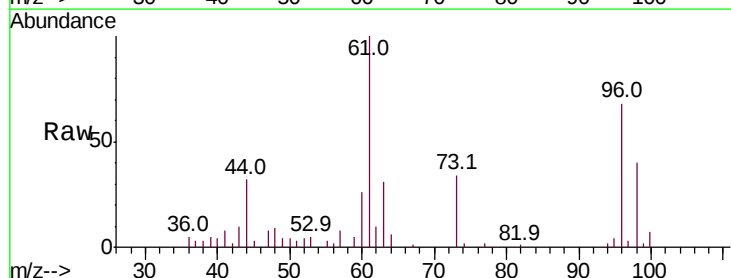
Manual Integrations  
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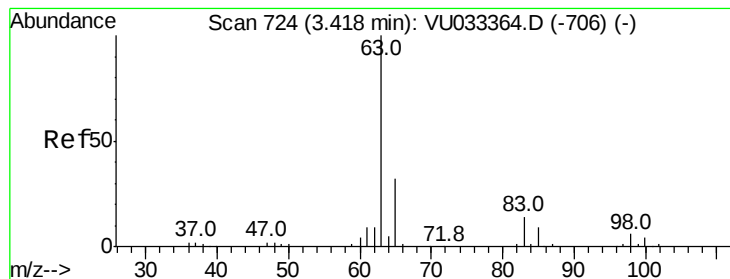
MMDadoda  
7/23/2019 8:54:41 AM



#16  
trans-1,2-Dichloroethene  
Concen: 1.083 ug/l  
RT: 2.96 min Scan# 582  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 11958 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 146.4 | 118.0 | 177.0 |
| 98       | 59.1  | 49.4  | 74.2  |





#17

1,1-Dichloroethane

Concen: 1.047 ug/l

RT: 3.42 min Scan# 724

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

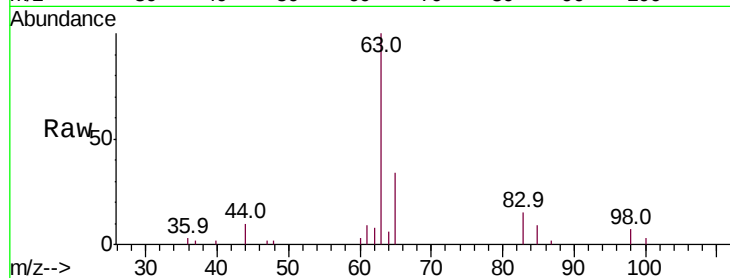
ClientSampleId :

VSTDIC001

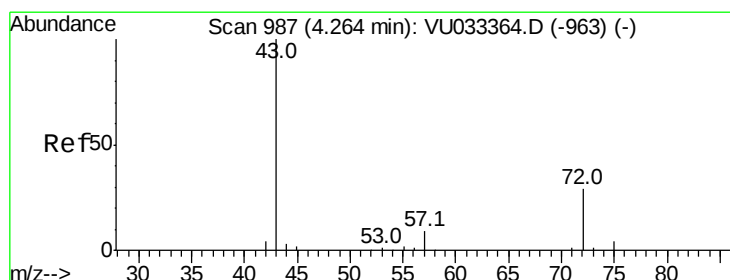
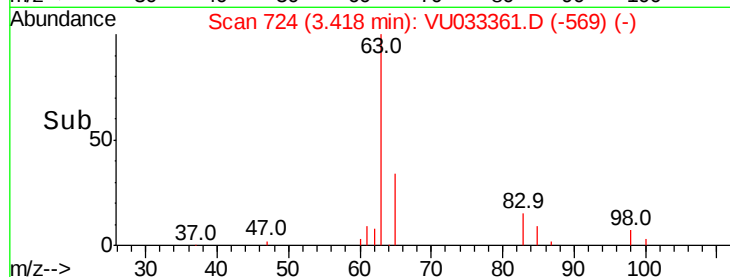
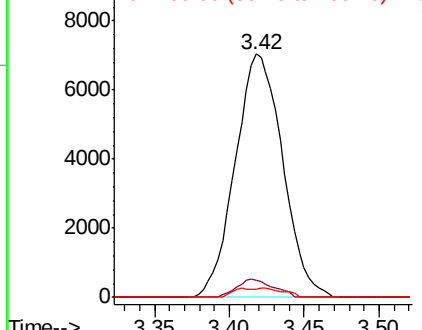
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 63    | Resp: | 15511 |
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 98        | 7.0   | 3.2   | 9.6   |
| 100       | 3.4   | 2.1   | 6.2   |

Manual Integrations  
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7/23/2019 8:54:41 AM



Abundance Ion 63.00 (62.70 to 63.70): VU033361.D (-569) (-)



#18

2-Butanone

Concen: 5.140 ug/l m

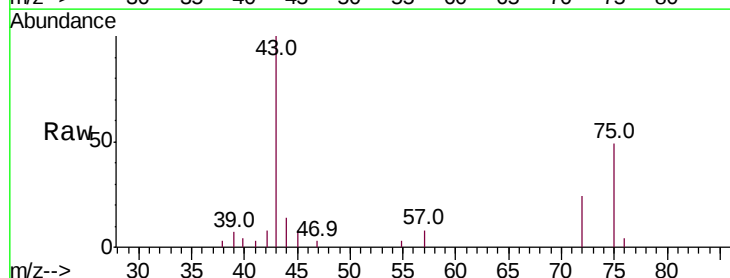
RT: 4.28 min Scan# 991

Delta R.T. 0.01 min

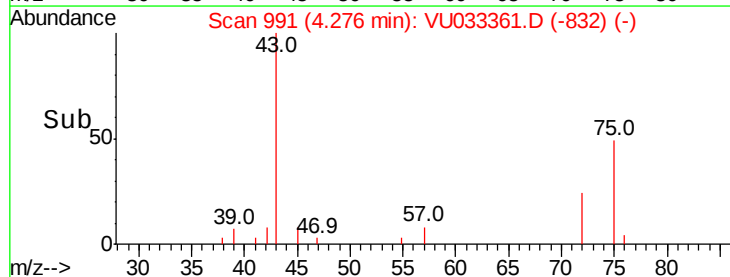
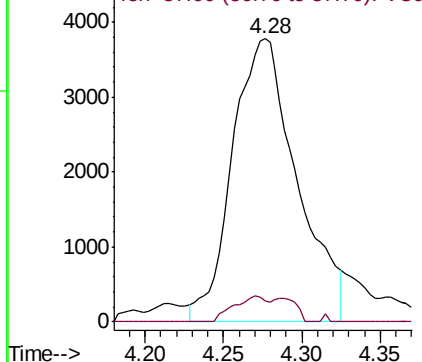
Lab File: VU033361.D

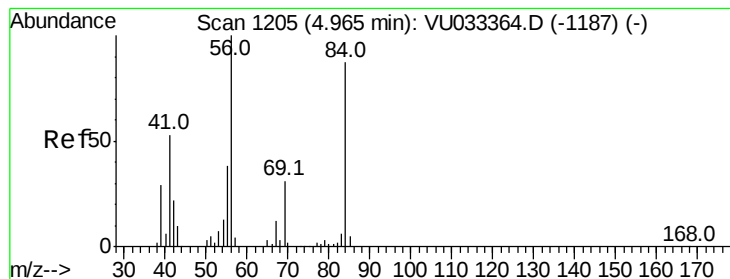
Acq: 22 Jul 2019 19:16

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 10840 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 57        | 7.6   | 0.0   | 17.0  |



Abundance Ion 43.00 (42.70 to 43.70): VU033361.D (-832) (-)





#19

Cyclohexane

Concen: 0.931 ug/l m

RT: 4.96 min Scan# 1205

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

Tot Ion: 56 Resp: 10126

Ion Ratio Lower Upper

56 100

69 33.0 25.0 37.4

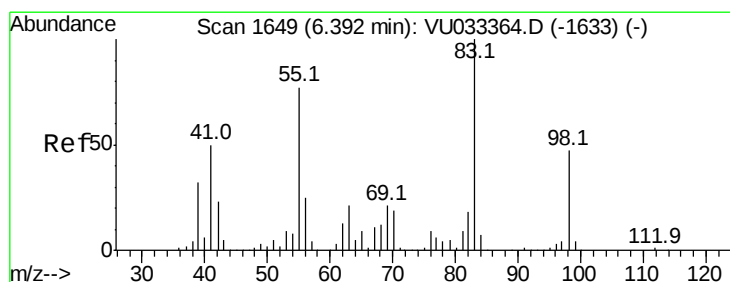
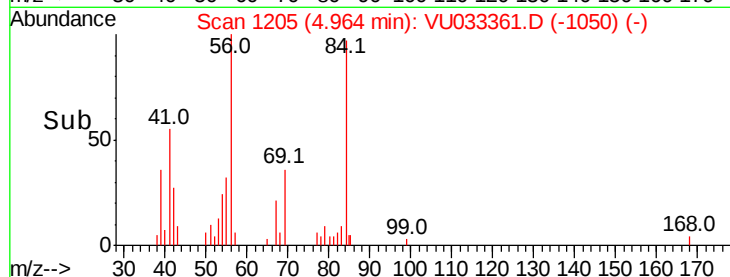
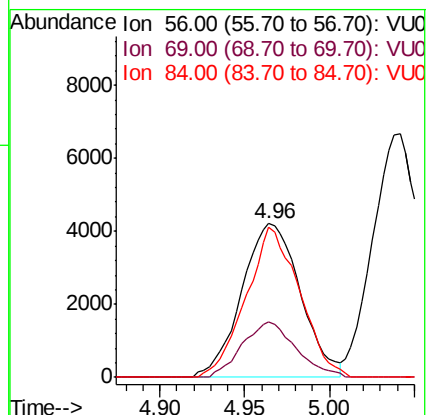
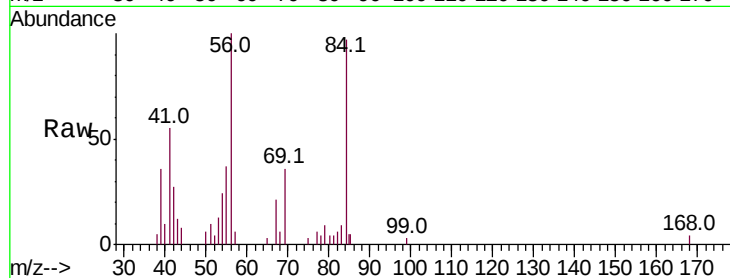
84 88.9 69.8 104.6

Manual Integrations

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#20

Methylcyclohexane

Concen: 0.864 ug/l

RT: 6.39 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

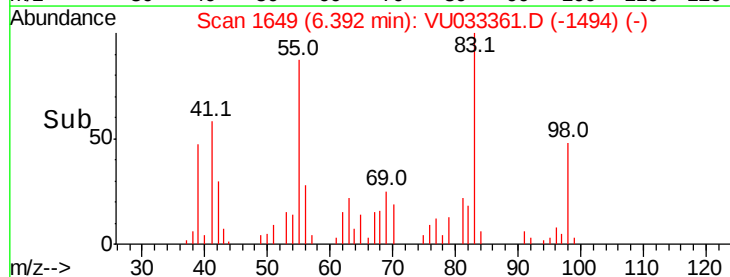
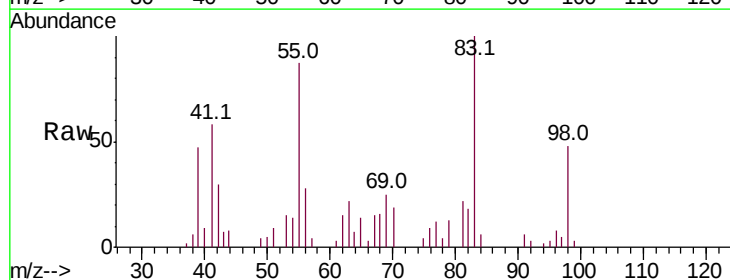
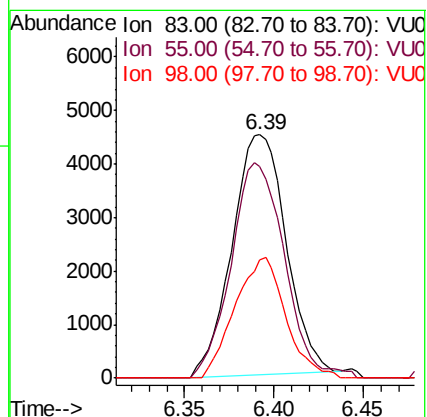
Tgt Ion: 83 Resp: 9458

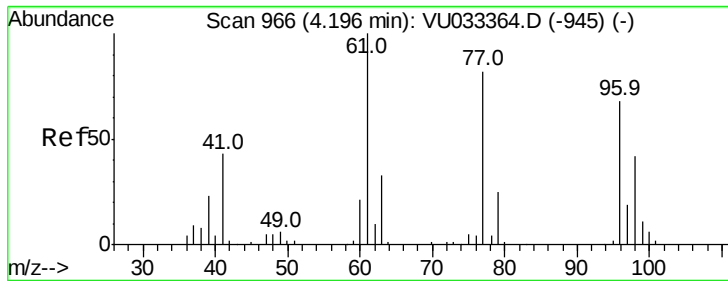
Ion Ratio Lower Upper

83 100

55 89.2 62.3 93.5

98 47.4 37.4 56.0





#21

2,2-Dichloropropane

Concen: 1.078 ug/l

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

Tot Ion: 77 Resp: 13534

Ion Ratio Lower Upper

77 100

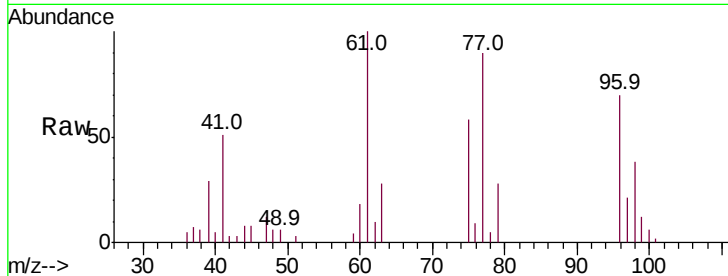
97 20.9 17.8 26.8

Manual Integrations

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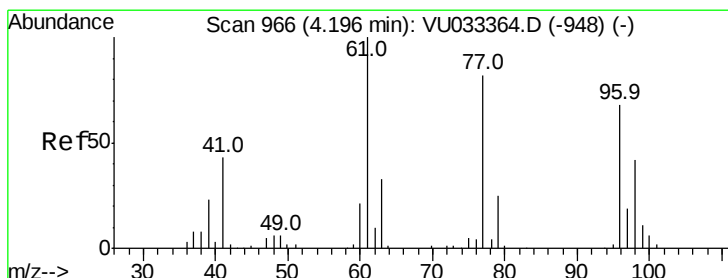
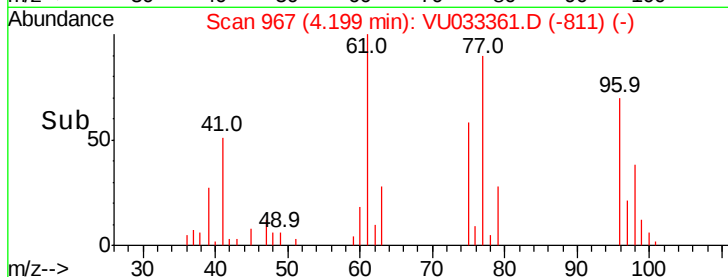
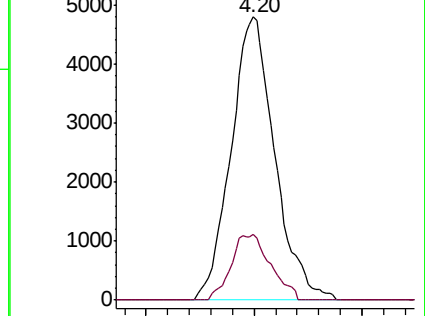
MMDadoda

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Abundance Ion 77.00 (76.70 to 77.70): VU033361.D (-945) (-)

Ion 97.00 (96.70 to 97.70): VU033361.D (-945) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.003 ug/l

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

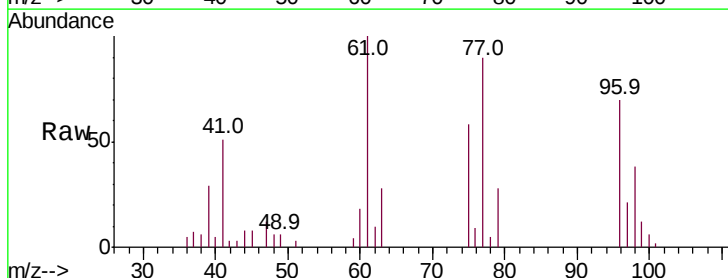
Tgt Ion: 96 Resp: 8390

Ion Ratio Lower Upper

96 100

61 162.5 0.0 376.3

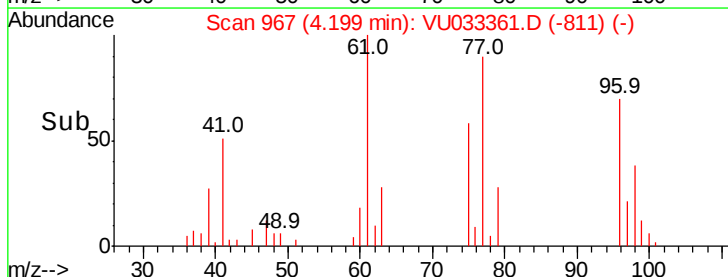
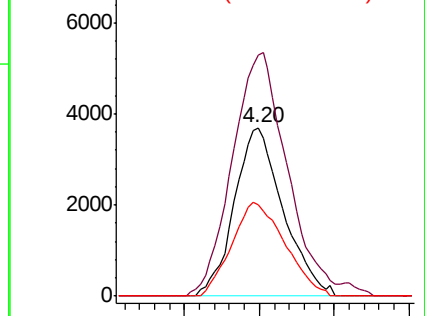
98 60.5 31.9 95.9

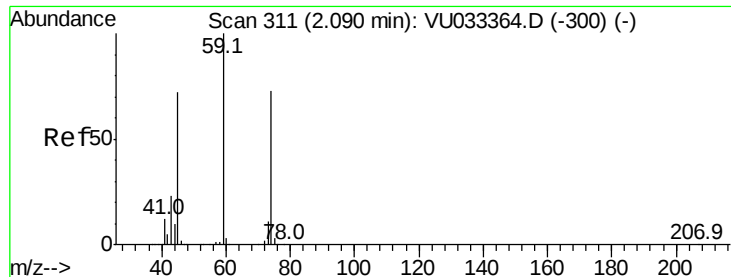


Abundance Ion 96.00 (95.70 to 96.70): VU033361.D (-811) (-)

Ion 61.00 (60.70 to 61.70): VU033361.D (-811) (-)

Ion 98.00 (97.70 to 98.70): VU033361.D (-811) (-)





#23

Diethyl Ether

Concen: 1.044 ug/l

RT: 2.09 min Scan# 311

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

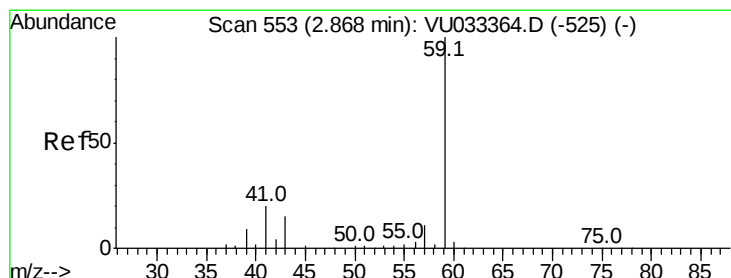
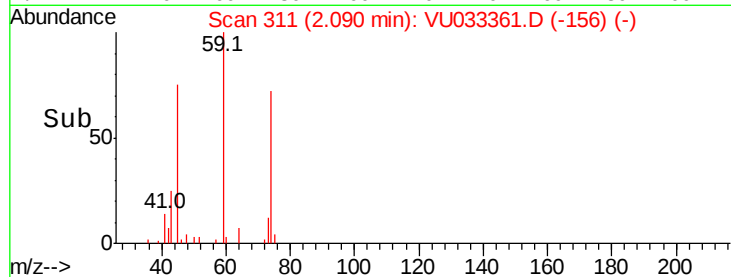
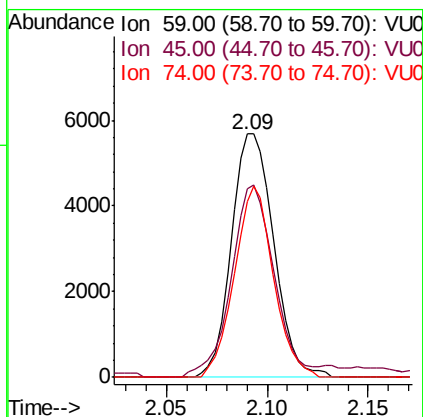
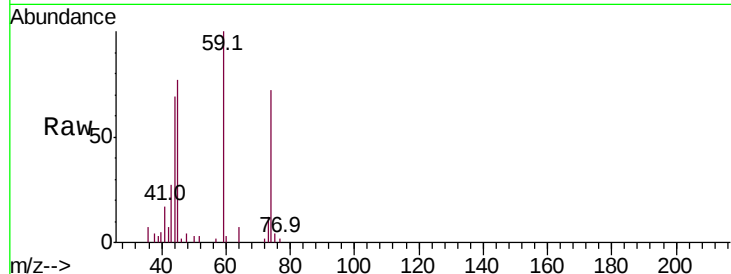
ClientSampleId :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 59    | Resp: | 8366  |
| Ion      | Ratio | Lower | Upper |
| 59       | 100   |       |       |
| 45       | 79.9  | 57.6  | 86.4  |
| 74       | 72.4  | 57.8  | 86.6  |

Manual Integrations  
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#24

tert-Butyl Alcohol

Concen: 11.060 ug/l

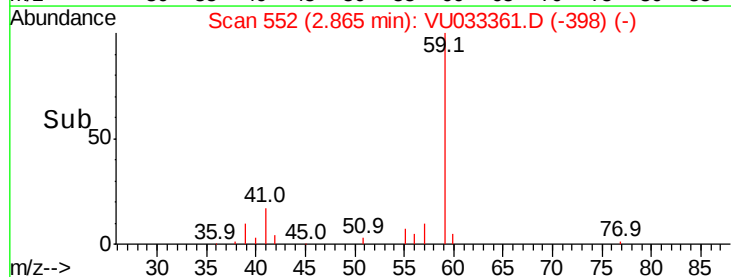
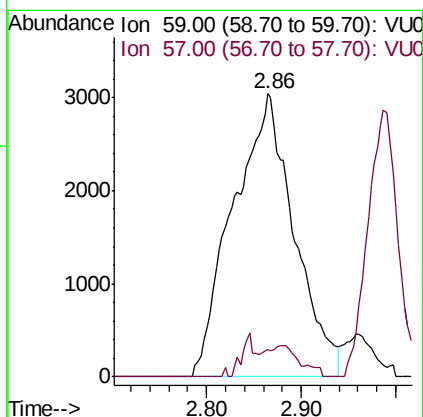
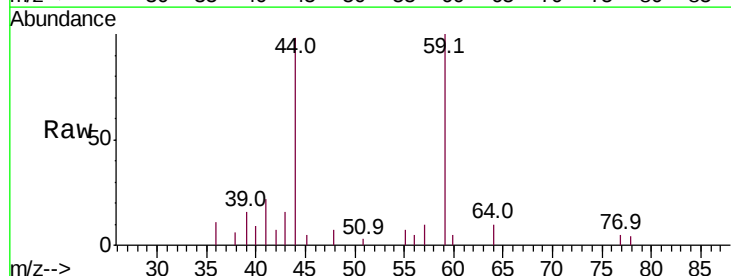
RT: 2.86 min Scan# 552

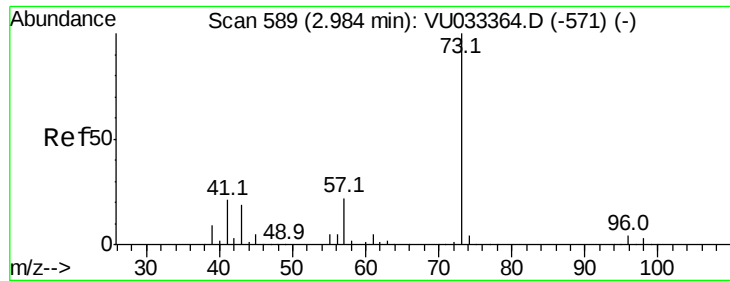
Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 59    | Resp: | 13618 |
| Ion      | Ratio | Lower | Upper |
| 59       | 100   |       |       |
| 57       | 3.3   | 7.8   | 11.8# |





#25

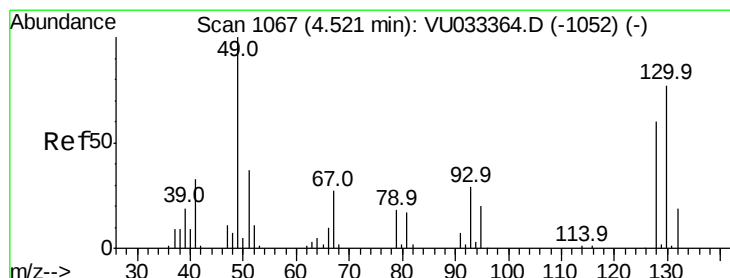
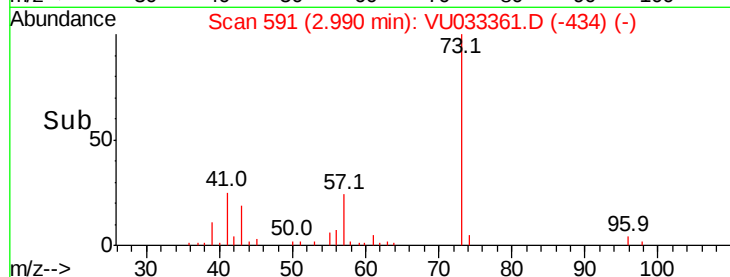
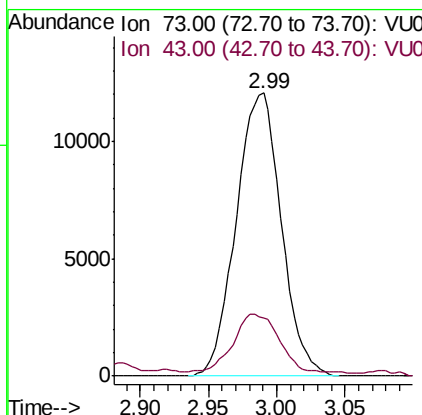
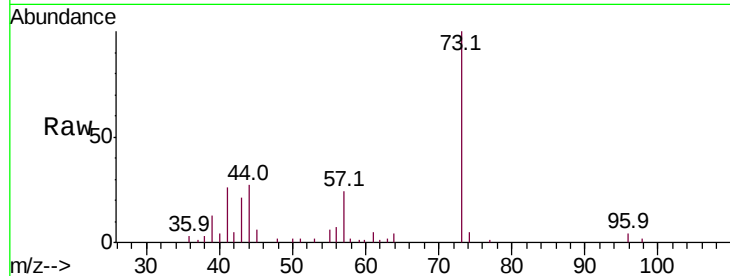
Methyl tert-Butyl Ether  
 Concen: 1.035 ug/l  
 RT: 2.99 min Scan# 591  
 Delta R.T. 0.01 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 43      | 21.5  | 16.6  | 24.8  |

Manual Integrations  
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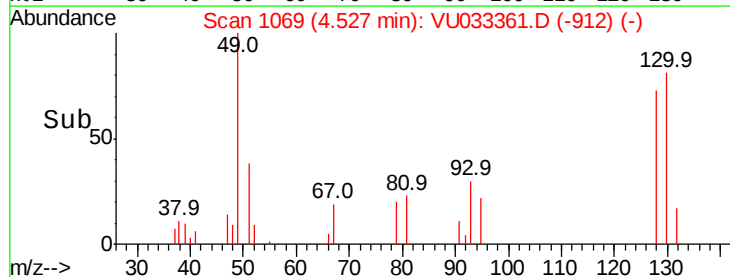
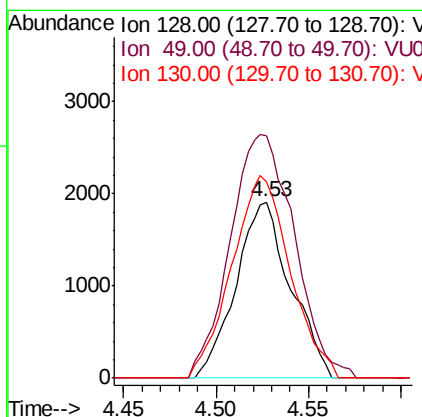
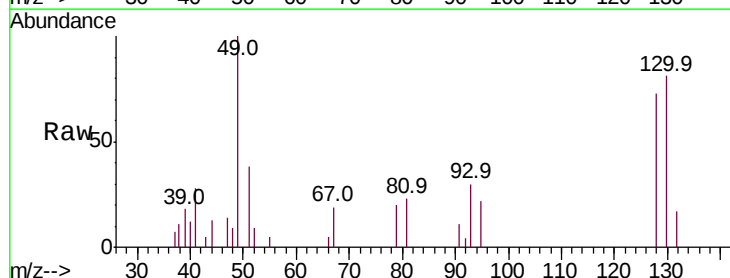
MMDadoda  
 7/23/2019 8:54:41 AM

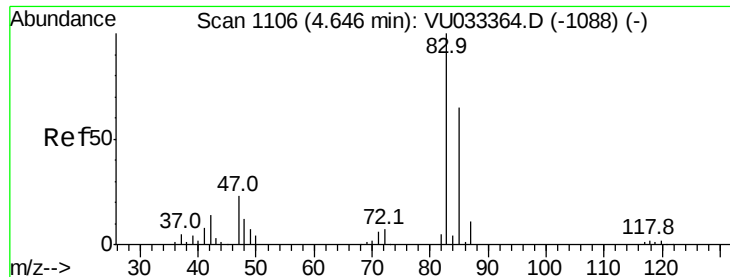


#26

Bromochloromethane  
 Concen: 1.065 ug/l  
 RT: 4.53 min Scan# 1069  
 Delta R.T. 0.01 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 49      | 162.1 | 0.0   | 333.4 |
| 130     | 122.6 | 103.4 | 155.2 |





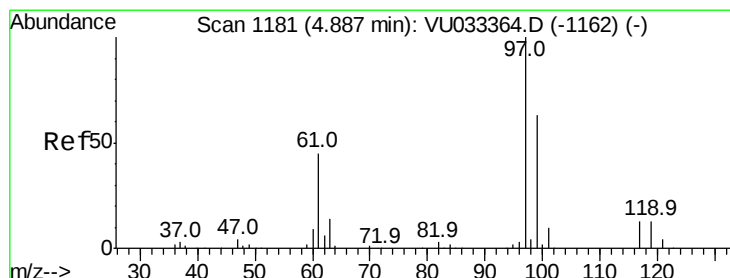
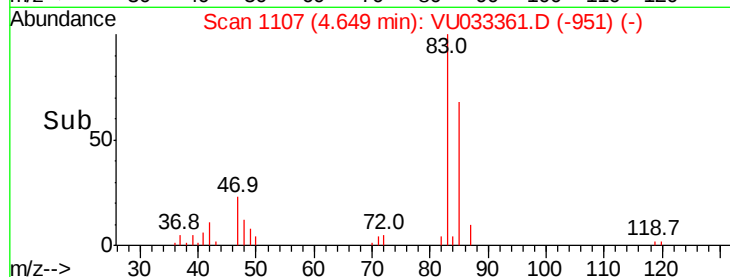
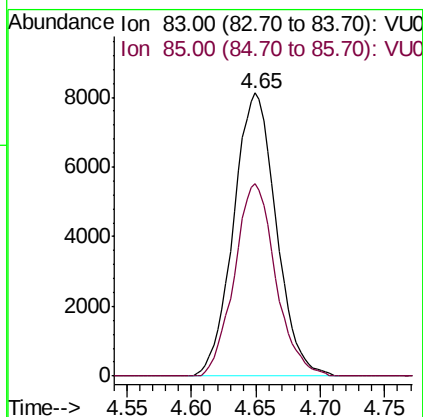
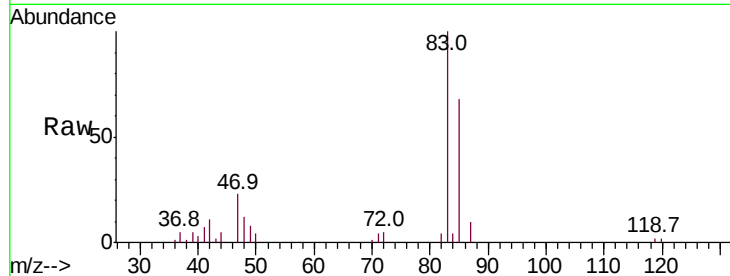
#27  
Chloroform  
Concen: 1.104 ug/l  
RT: 4.65 min Scan# 1107  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

Tot Ion: 83 Resp: 18699  
Ion Ratio Lower Upper  
83 100  
85 68.1 0.0 129.8

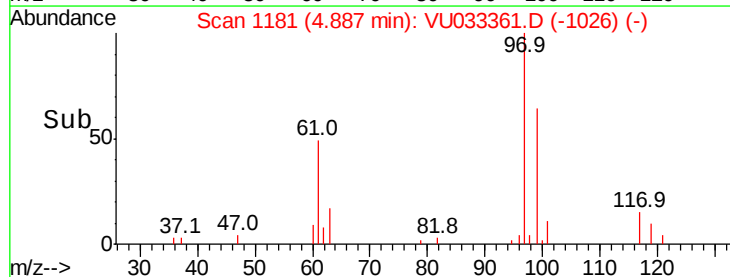
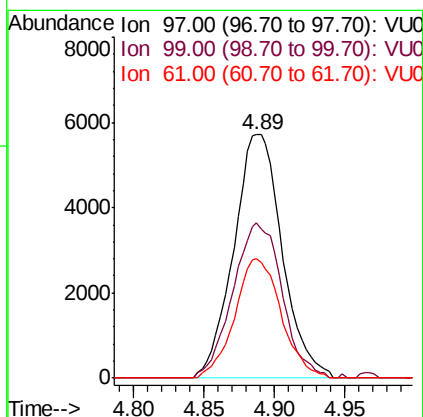
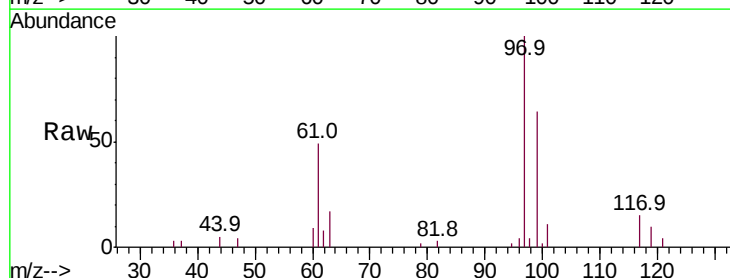
Manual Integrations  
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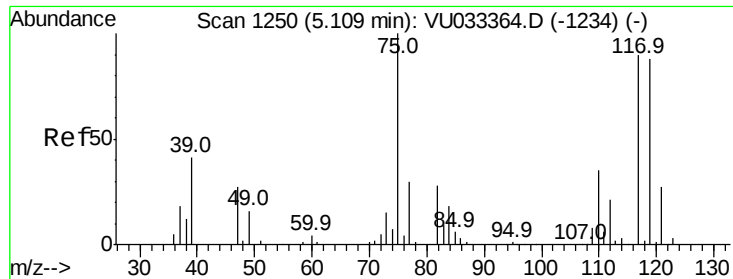
MMDadoda  
7/23/2019 8:54:41 AM



#28  
1,1,1-Trichloroethane  
Concen: 1.049 ug/l  
RT: 4.89 min Scan# 1181  
Delta R.T. -0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Tgt Ion: 97 Resp: 13757  
Ion Ratio Lower Upper  
97 100  
99 64.5 31.9 95.5  
61 47.0 22.7 68.0





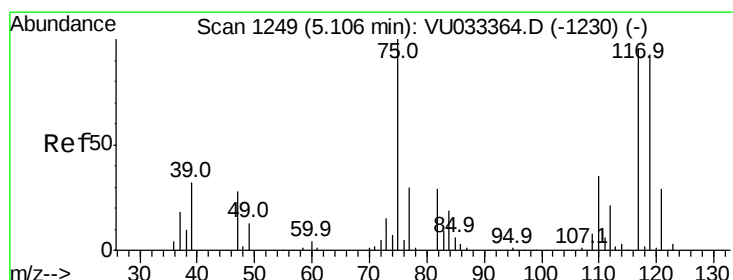
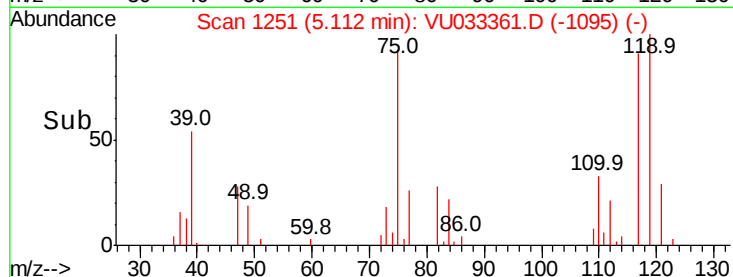
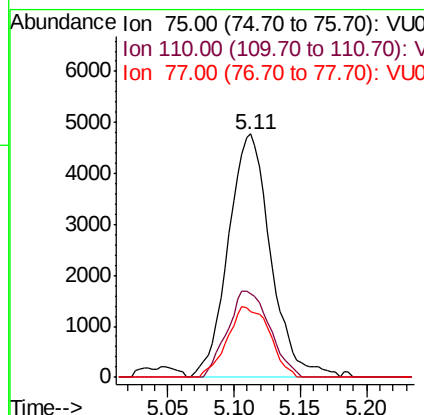
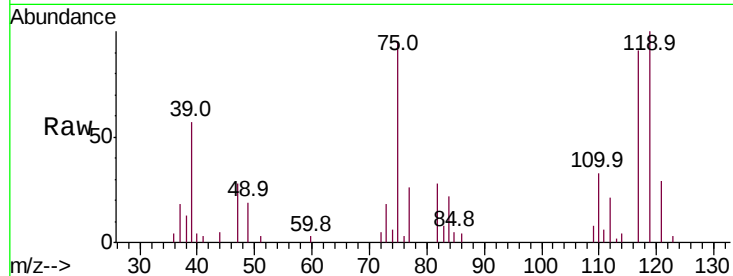
#29  
1,1-Dichloropropene  
Concen: 0.984 ug/l  
RT: 5.11 min Scan# 1251  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.4  | 17.5  | 52.6  |
| 77      | 28.9  | 25.1  | 37.7  |

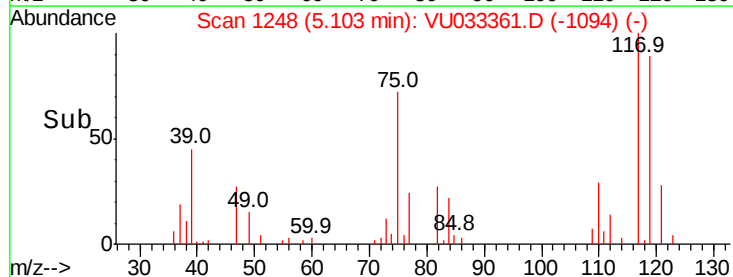
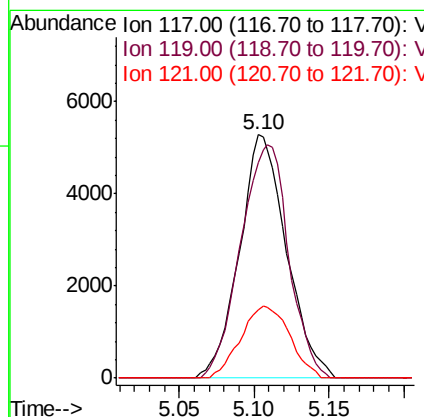
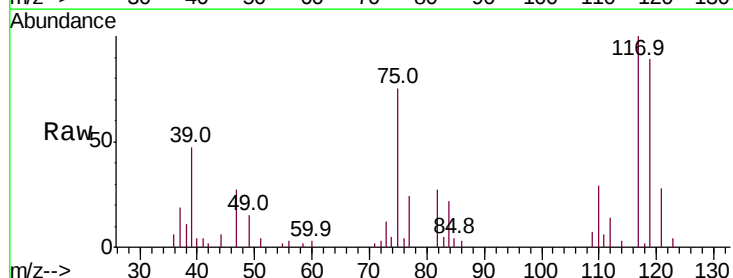
Manual Integrations  
APPROVED

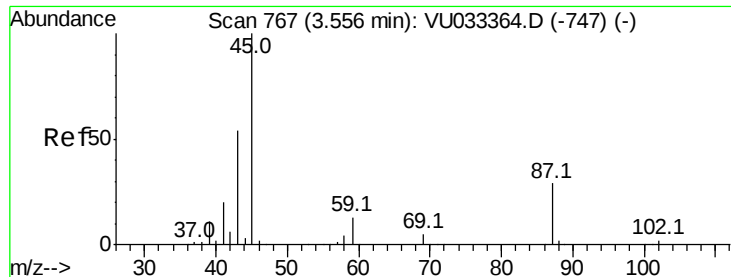
MMDadoda  
7/23/2019 8:54:41 AM



#30  
Carbon Tetrachloride  
Concen: 0.998 ug/l  
RT: 5.10 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 88.6  | 77.9  | 116.9 |
| 121     | 27.9  | 24.0  | 36.0  |





#31

Isopropyl Ether

Concen: 1.025 ug/l

RT: 3.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

Tot Ion: 45 Resp: 19204

Ion Ratio Lower Upper

45 100

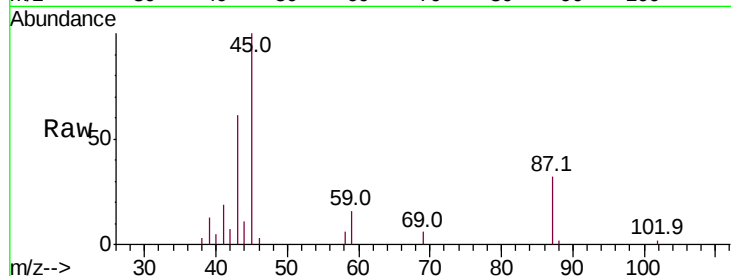
43 57.1 27.8 83.3

Manual Integrations

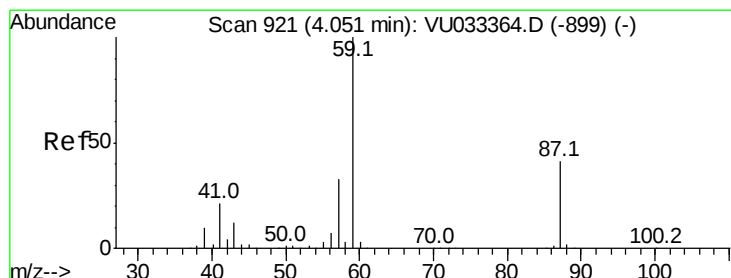
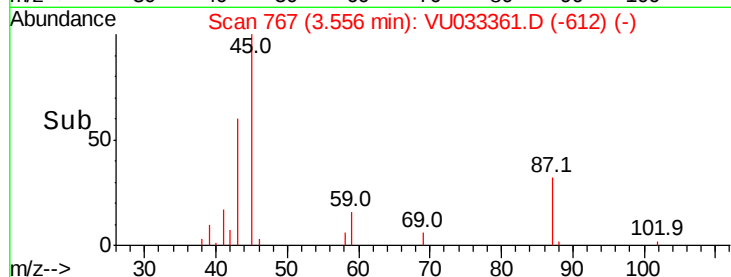
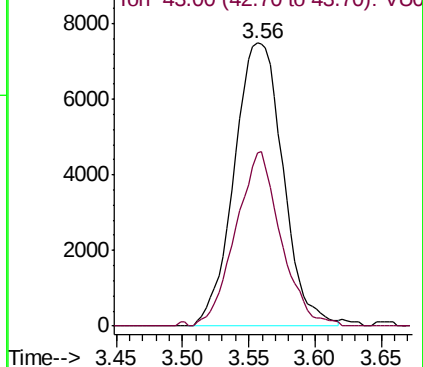
APPROVED

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7/23/2019 8:54:41 AM



Abundance Ion 45.00 (44.70 to 45.70): VU033361.D (-612) (-)



#32

Ethyl-t-butyl ether

Concen: 0.992 ug/l

RT: 4.05 min Scan# 921

Delta R.T. -0.00 min

Lab File: VU033361.D

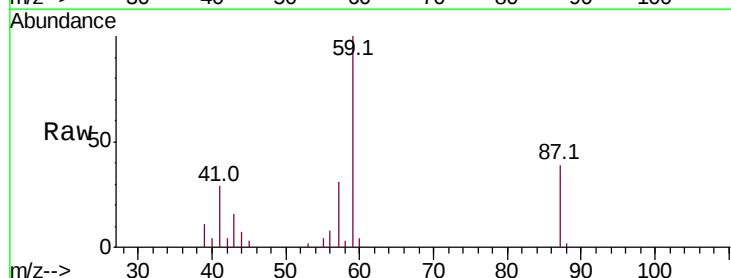
Acq: 22 Jul 2019 19:16

Tgt Ion: 59 Resp: 17856

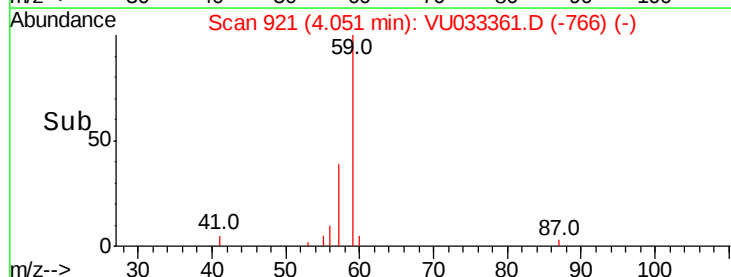
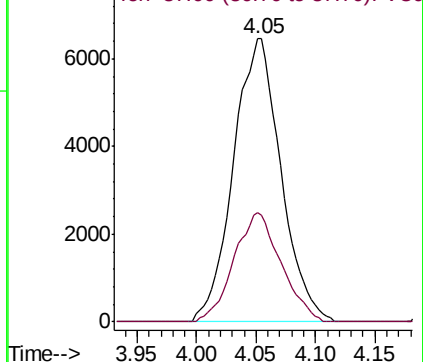
Ion Ratio Lower Upper

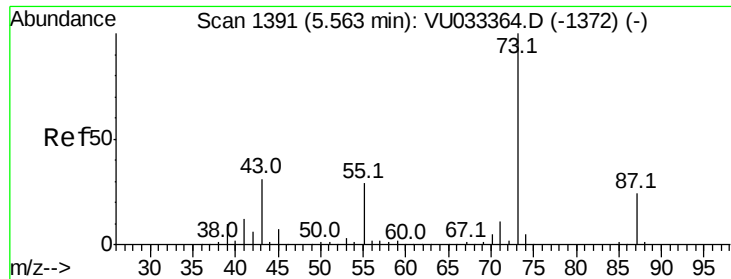
59 100

87 38.3 33.8 50.6



Abundance Ion 59.00 (58.70 to 59.70): VU033361.D (-766) (-)





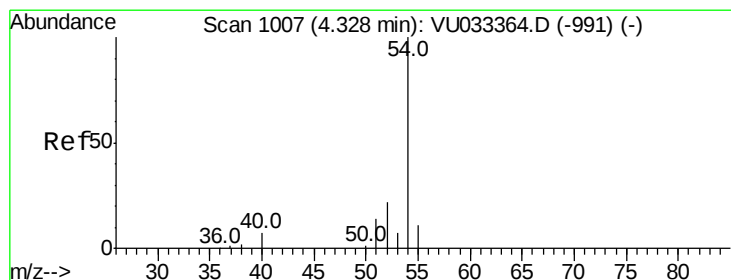
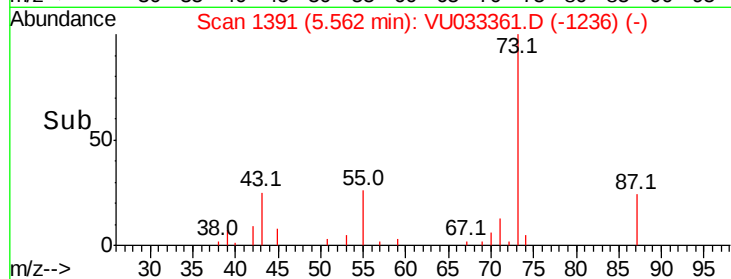
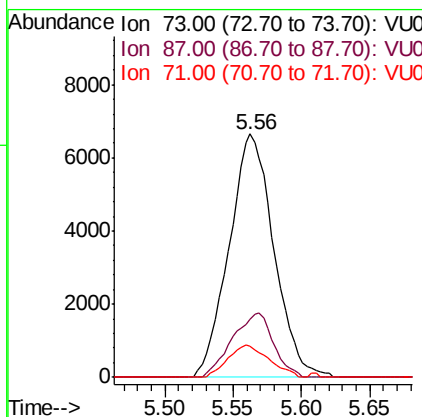
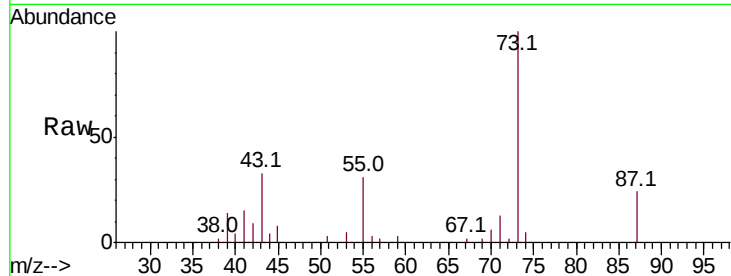
#33  
Tert-Amvl methvl ether  
Concen: 0.934 ug/l  
RT: 5.56 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 87      | 24.4  | 18.9  | 28.3  |
| 71      | 12.1  | 9.3   | 13.9  |

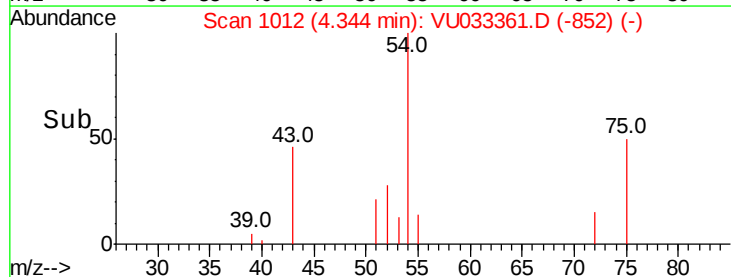
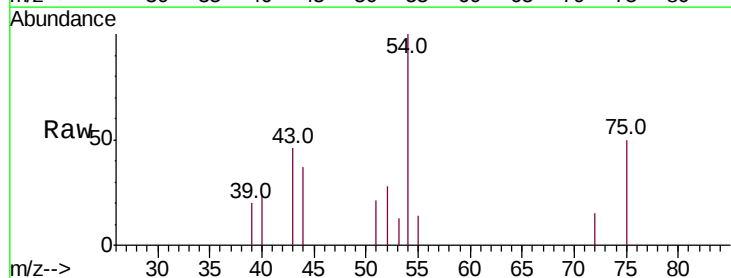
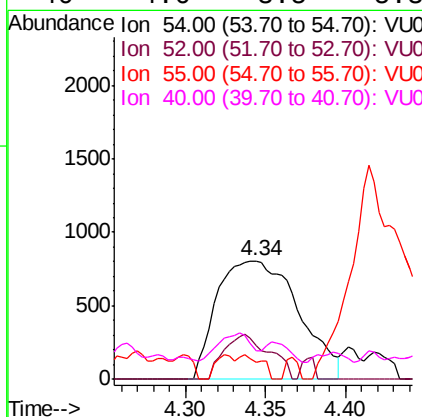
Manual Integrations  
APPROVED

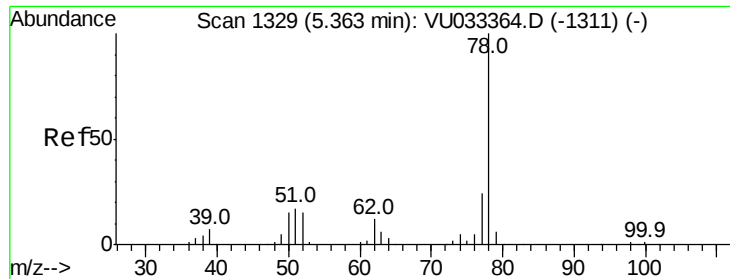
MMDadoda  
7/23/2019 8:54:41 AM



#34  
Propionitrile  
Concen: 4.671 ug/l  
RT: 4.34 min Scan# 1012  
Delta R.T. 0.02 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 54      | 100   |       |       |
| 52      | 0.0   | 17.1  | 25.7# |
| 55      | 0.0   | 11.6  | 17.4# |
| 40      | 4.6   | 3.5   | 5.3   |





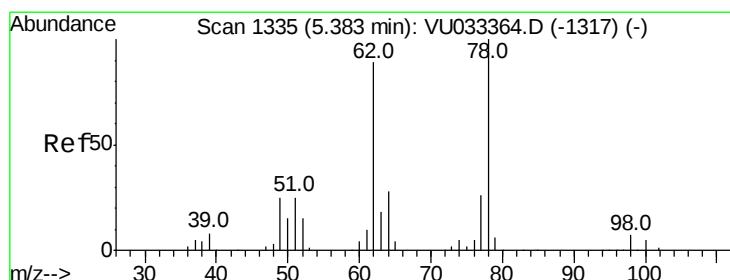
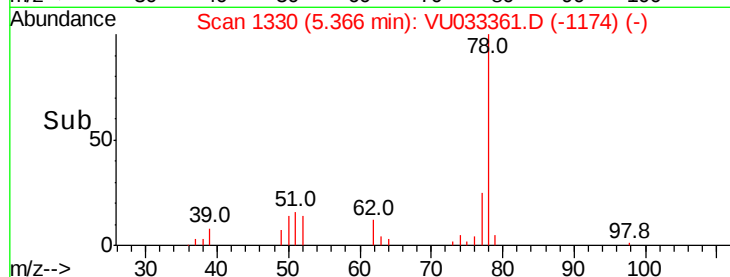
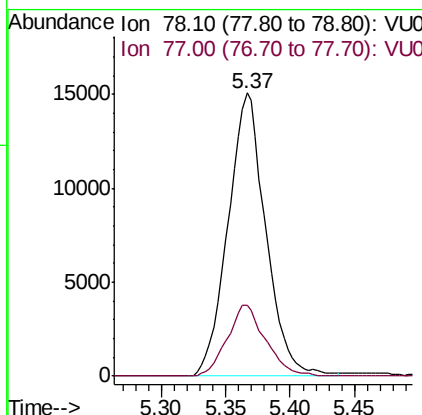
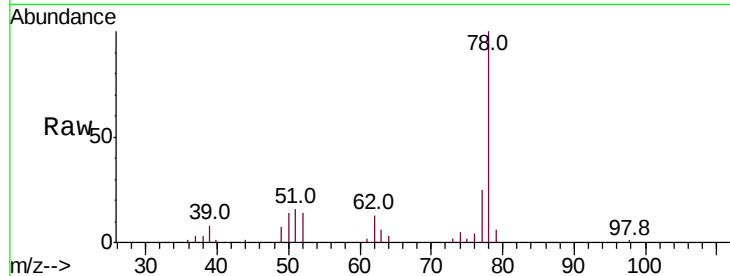
#35  
Benzene  
Concen: 0.982 ug/l  
RT: 5.37 min Scan# 1330  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 25.0  | 19.4  | 29.2  |

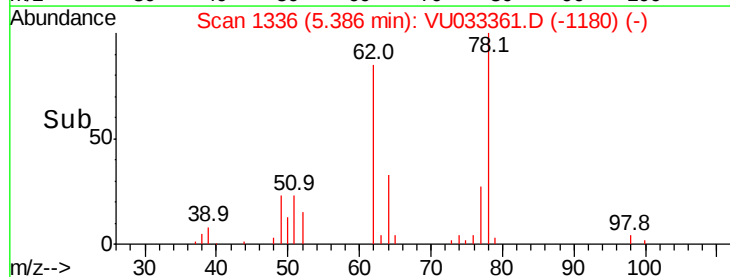
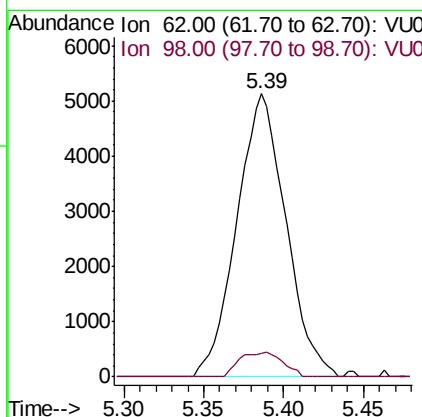
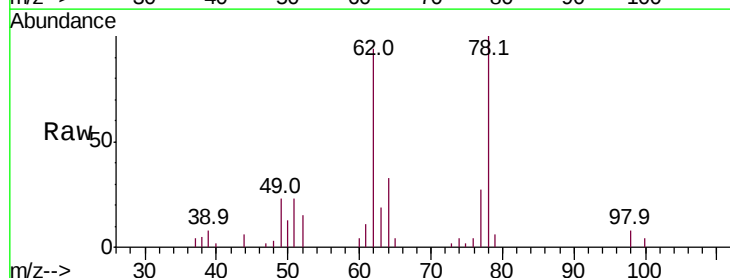
Manual Integrations  
APPROVED

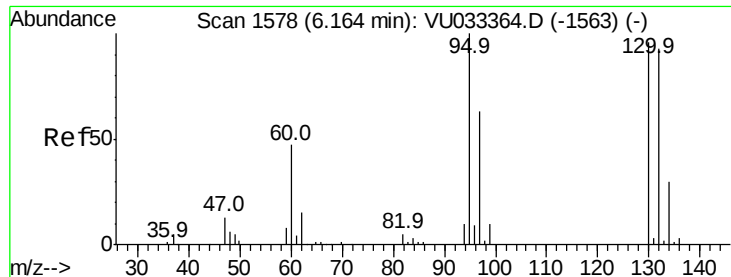
MMDadoda  
7/23/2019 8:54:41 AM



#36  
1,2-Dichloroethane  
Concen: 1.039 ug/l  
RT: 5.39 min Scan# 1336  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 7.7   | 6.5   | 9.7   |





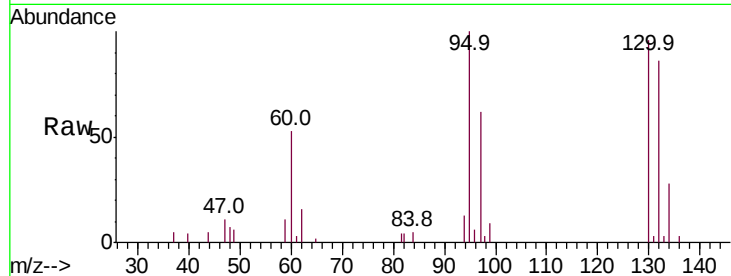
#37  
 Trichloroethene  
 Concen: 1.006 ug/l  
 RT: 6.16 min Scan# 1578  
 Delta R.T. -0.00 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

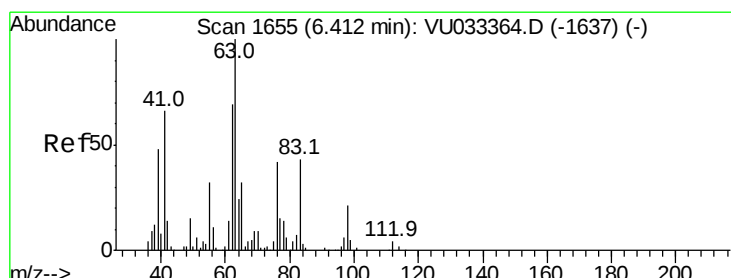
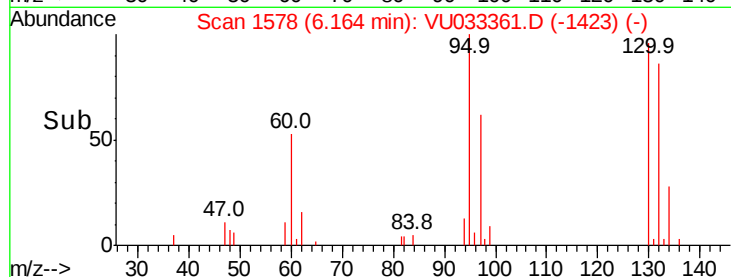
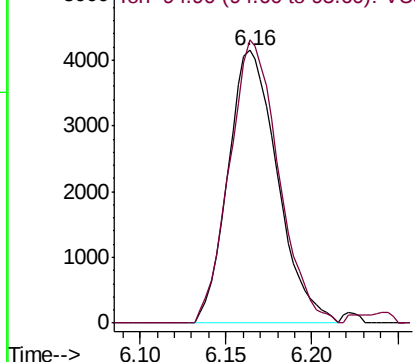
Tot Ion:130 Resp: 8292  
 Ion Ratio Lower Upper  
 130 100  
 95 103.6 83.4 125.0

Manual Integrations  
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 7/23/2019 8:54:41 AM

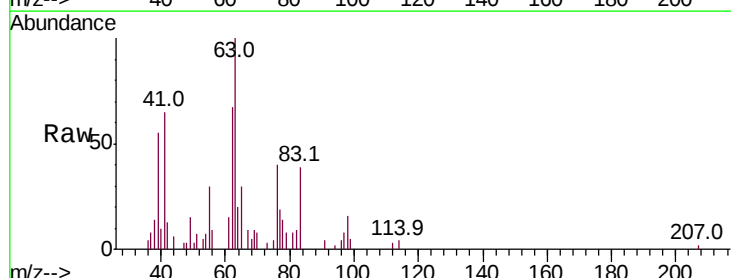


Abundance Ion 129.90 (129.60 to 130.60): VU033361.D (-1563) (-)  
 Ion 94.90 (94.60 to 95.60): VU033361.D (-1563) (-)

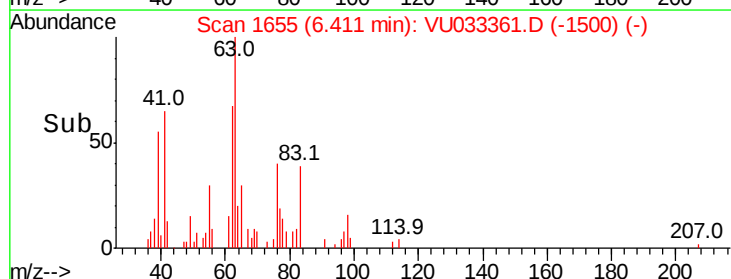
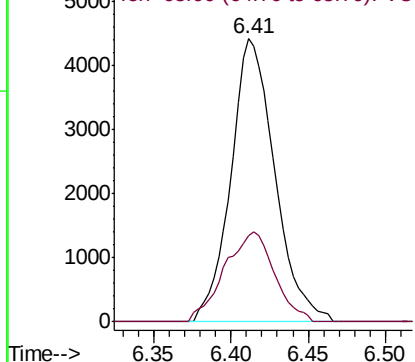


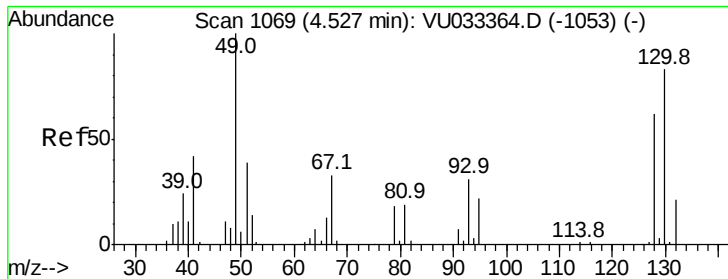
#38  
 1,2-Dichloropropane  
 Concen: 1.011 ug/l  
 RT: 6.41 min Scan# 1655  
 Delta R.T. -0.00 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

Tgt Ion: 63 Resp: 8714  
 Ion Ratio Lower Upper  
 63 100  
 65 30.3 25.7 38.5



Abundance Ion 63.00 (62.70 to 63.70): VU033361.D (-1500) (-)  
 Ion 65.00 (64.70 to 65.70): VU033361.D (-1500) (-)





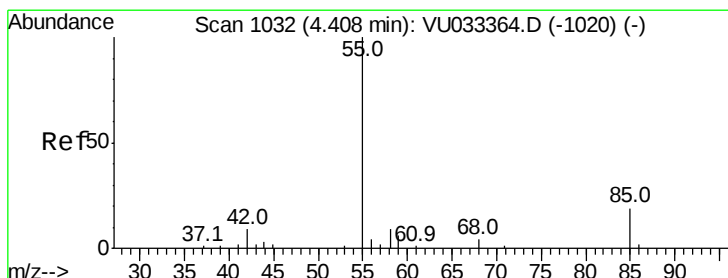
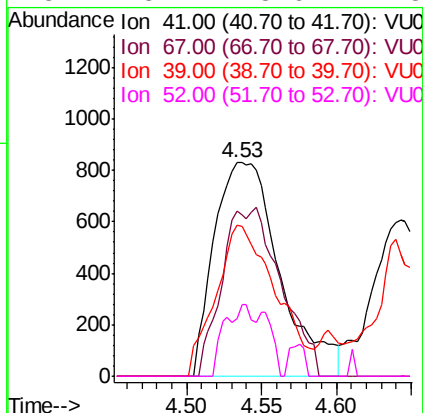
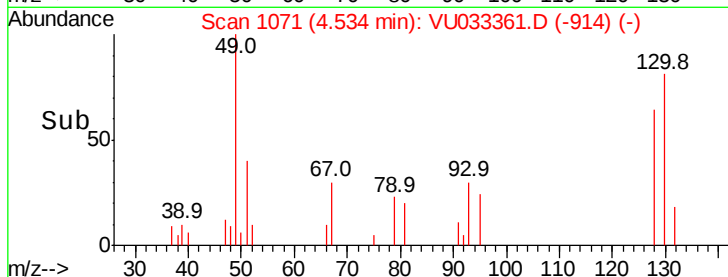
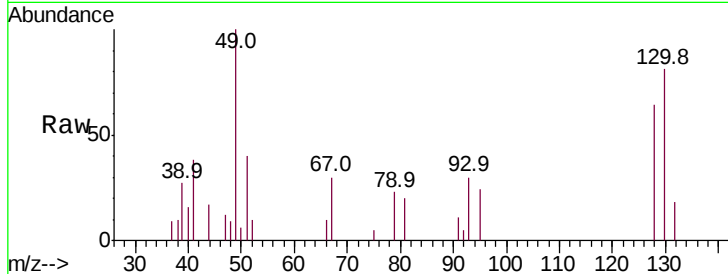
#39  
Methacrylonitrile  
Concen: 1.054 ug/l  
RT: 4.53 min Scan# 1071  
Delta R.T. 0.01 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 67      | 31.6  | 64.4  | 96.6# |
| 39      | 65.0  | 46.8  | 70.2  |
| 52      | 15.2  | 28.6  | 42.8# |

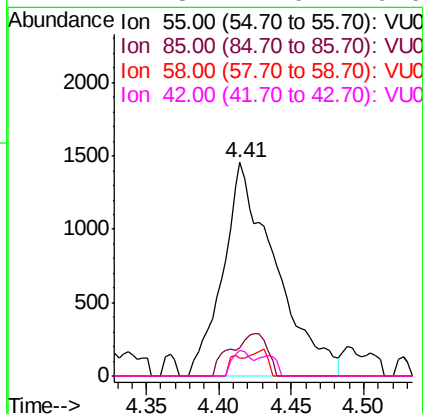
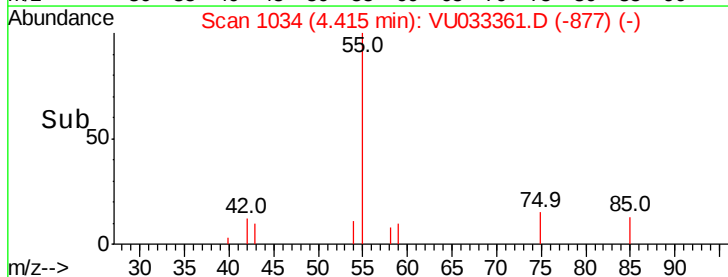
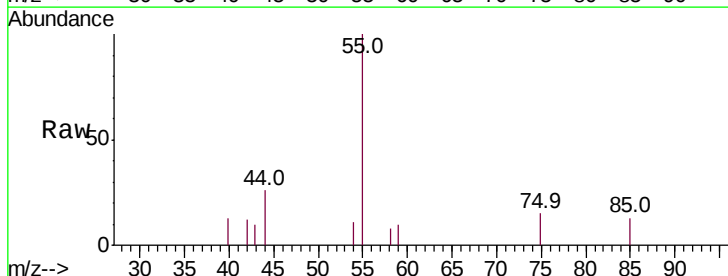
Manual Integrations  
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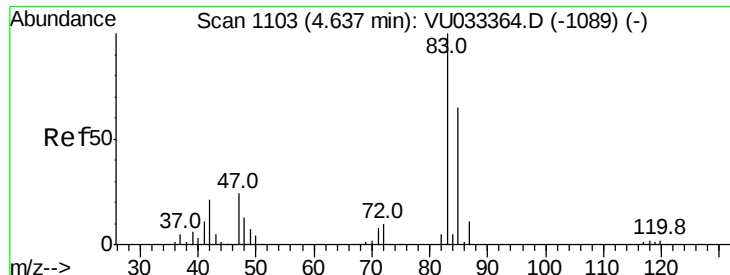
MMDadoda  
7/23/2019 8:54:41 AM



#40  
Methyl acrylate  
Concen: 0.974 ug/l  
RT: 4.41 min Scan# 1034  
Delta R.T. 0.01 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 55      | 100   |       |       |
| 85      | 0.0   | 14.8  | 22.2# |
| 58      | 2.1   | 7.1   | 10.7# |
| 42      | 4.3   | 7.0   | 10.6# |





#41

Tetrahydrofuran

Concen: 1.905 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. 0.01 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

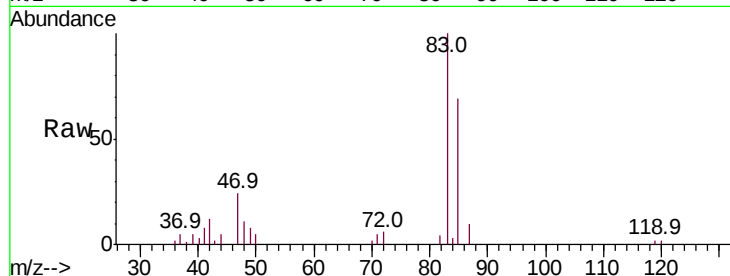
ClientSampleId :

VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 42    | Resp: | 2299  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 48.4  | 38.7  | 58.1  |
| 71       | 37.9  | 34.6  | 52.0  |

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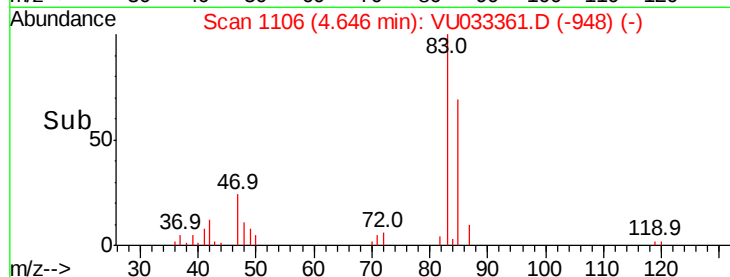


Abundance Ion 42.00 (41.70 to 42.70): VU033361.D (-1089) (-)

Ion 72.00 (71.70 to 72.70): VU033361.D (-1089) (-)

Ion 71.00 (70.70 to 71.70): VU033361.D (-1089) (-)

Time-->



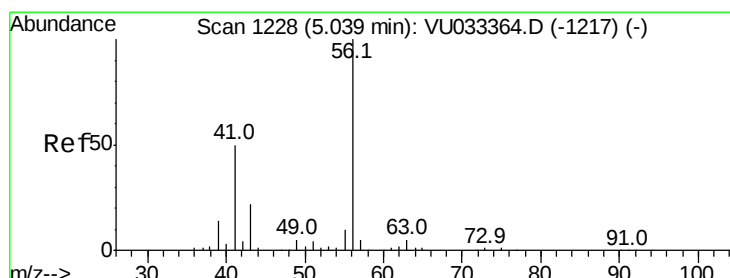
Abundance

Ion 42.00 (41.70 to 42.70): VU033361.D (-948) (-)

Ion 72.00 (71.70 to 72.70): VU033361.D (-948) (-)

Ion 71.00 (70.70 to 71.70): VU033361.D (-948) (-)

Time-->



#42

1-Chlorobutane

Concen: 0.989 ug/l

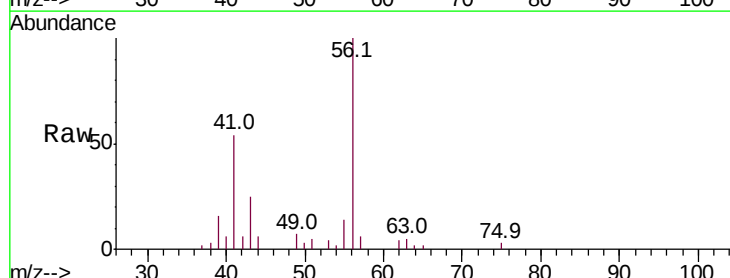
RT: 5.04 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

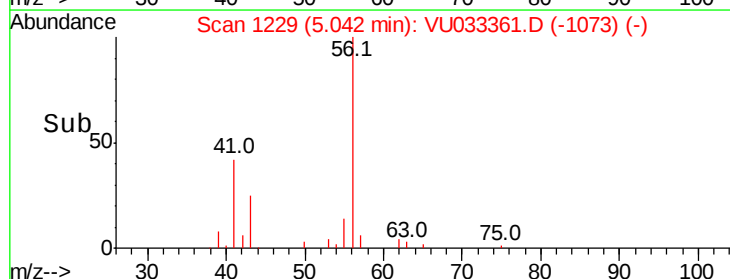
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 14334 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 41       | 56.0  | 25.7  | 77.1  |



Abundance Ion 56.00 (55.70 to 56.70): VU033361.D (-1217) (-)

Ion 41.00 (40.70 to 41.70): VU033361.D (-1217) (-)

Time-->

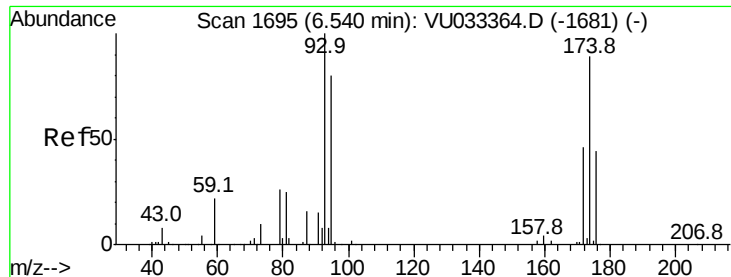


Abundance

Ion 56.00 (55.70 to 56.70): VU033361.D (-1073) (-)

Ion 41.00 (40.70 to 41.70): VU033361.D (-1073) (-)

Time-->



#43

Dibromomethane

Concen: 1.022 ug/l

RT: 6.55 min Scan# 1697

Delta R.T. 0.01 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

Tot Ion: 93 Resp: 4878

Ion Ratio Lower Upper

93 100

95 84.0 65.3 97.9

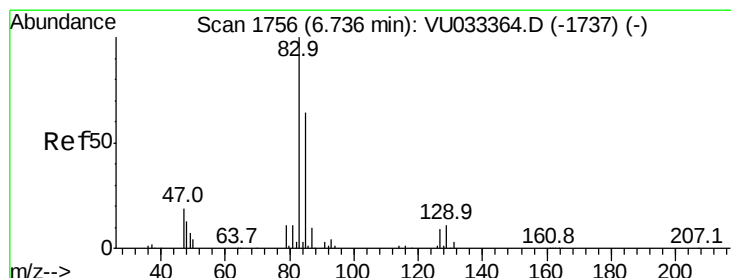
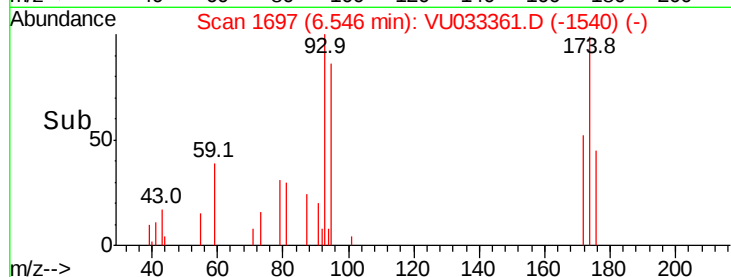
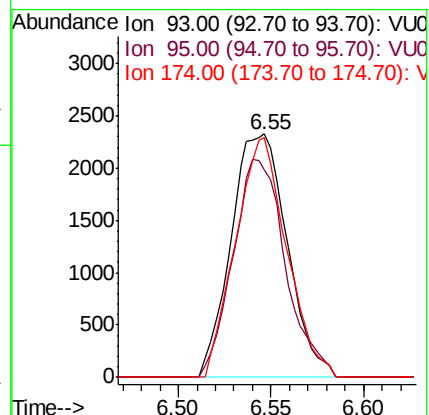
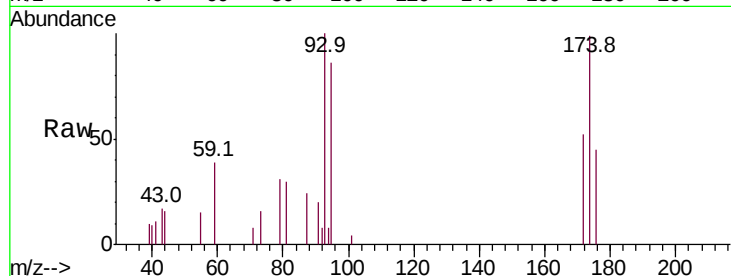
174 90.0 70.7 106.1

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#44

Bromodichloromethane

Concen: 1.049 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

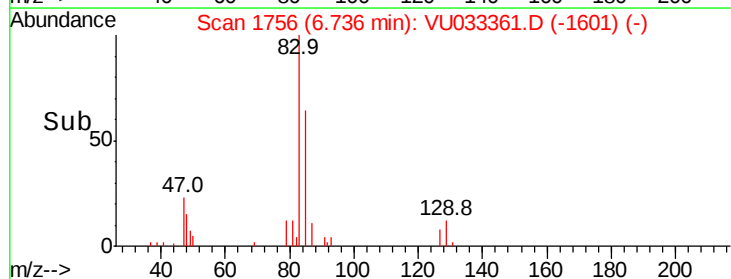
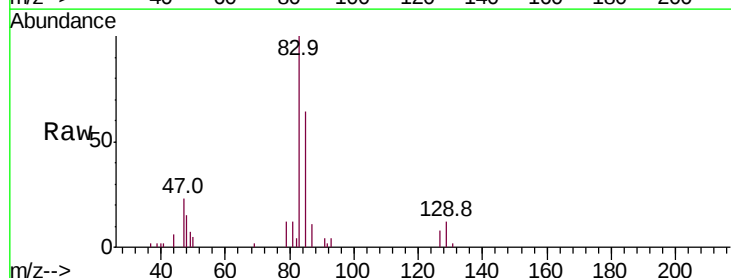
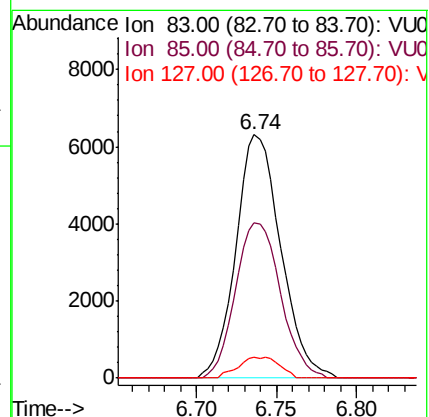
Tgt Ion: 83 Resp: 12070

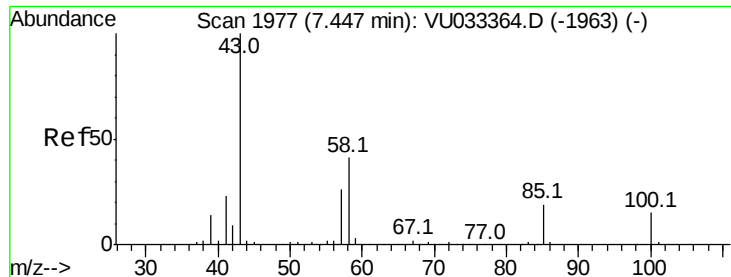
Ion Ratio Lower Upper

83 100

85 63.7 51.1 76.7

127 8.4 7.2 10.8





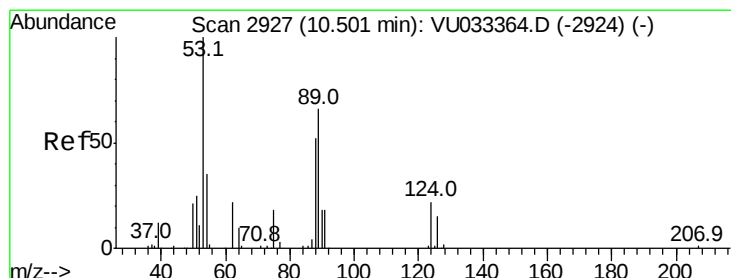
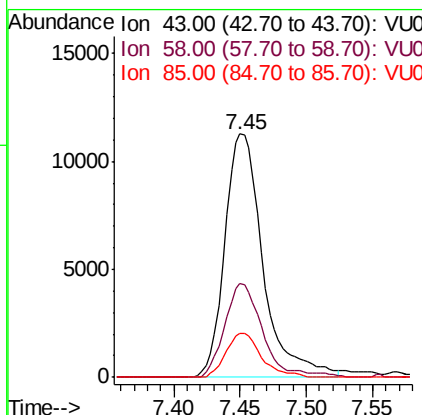
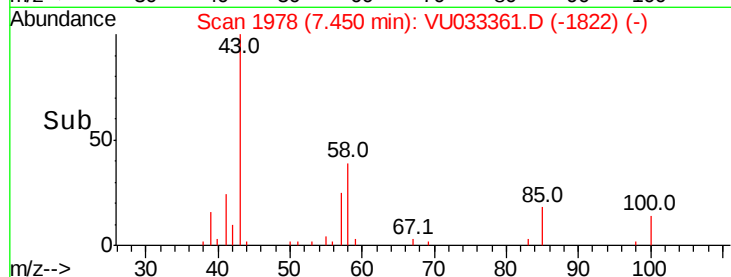
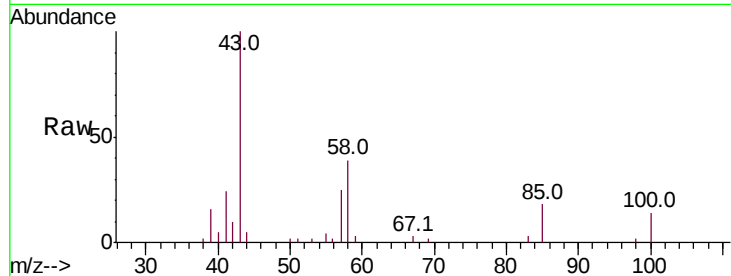
#45  
4-Methyl-2-Pentanone  
Concen: 4.646 ug/l  
RT: 7.45 min Scan# 1978  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 37.5  | 20.3  | 60.8  |
| 85      | 16.6  | 15.0  | 22.6  |

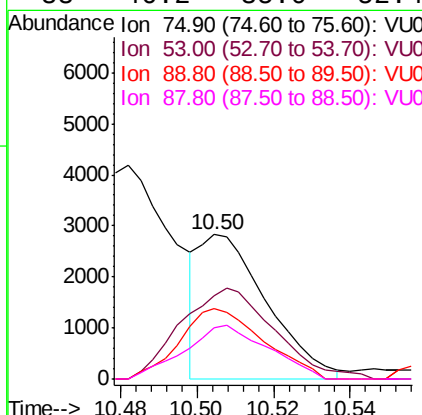
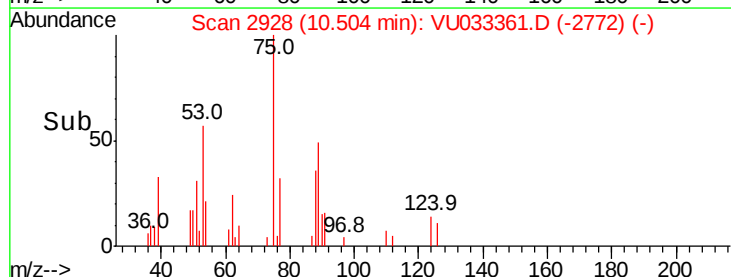
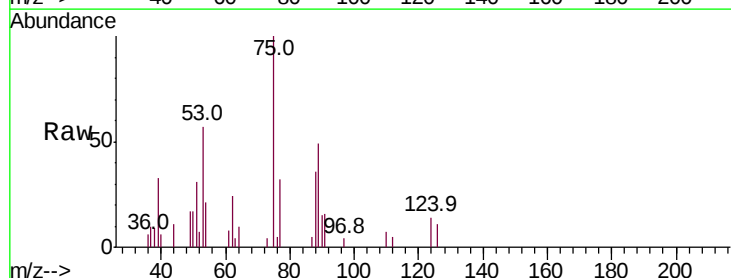
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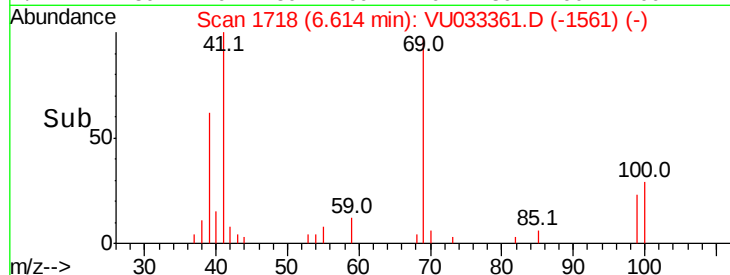
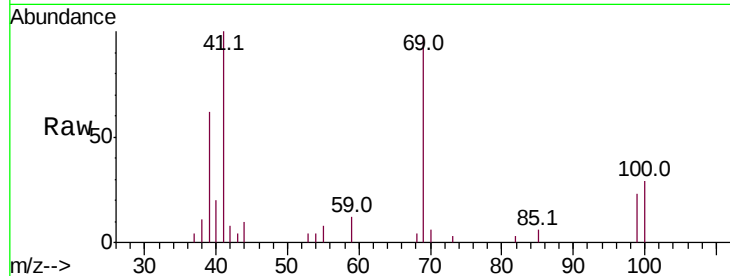
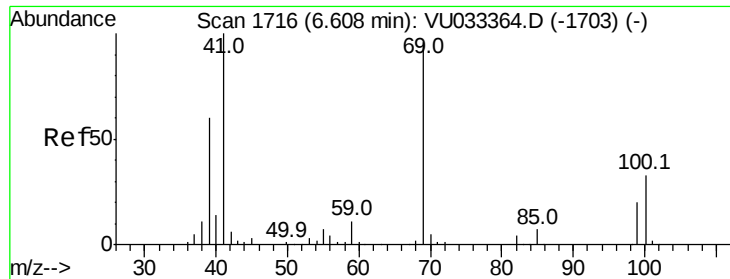
MMDadoda  
7/23/2019 8:54:41 AM



#46  
t-1,4-Dichloro-2-butene  
Concen: 1.764 ug/l m  
RT: 10.50 min Scan# 2928  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 86.9  | 62.9  | 94.3  |
| 89      | 60.3  | 43.0  | 64.4  |
| 88      | 46.2  | 35.0  | 52.4  |





#47

Methyl methacrylate

Concen: 1.792 ug/l

RT: 6.61 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VU033361.D

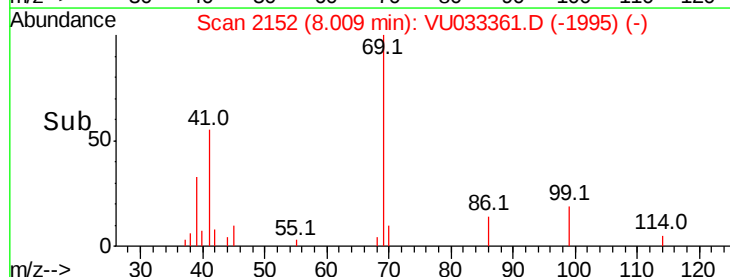
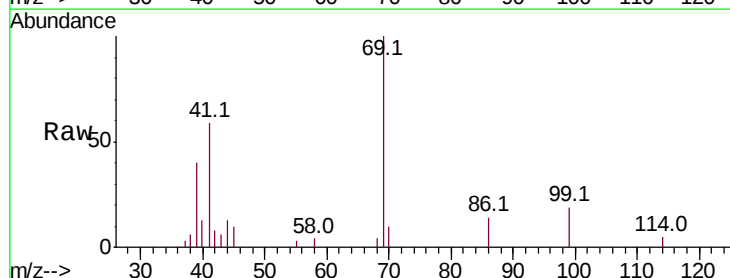
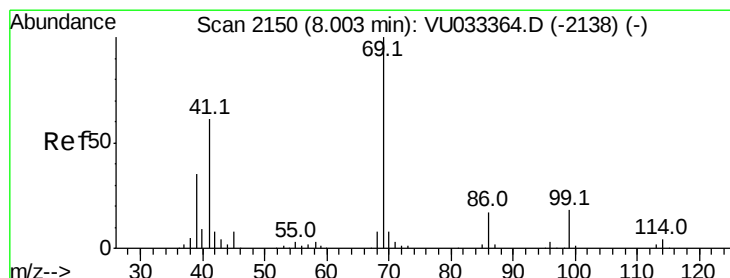
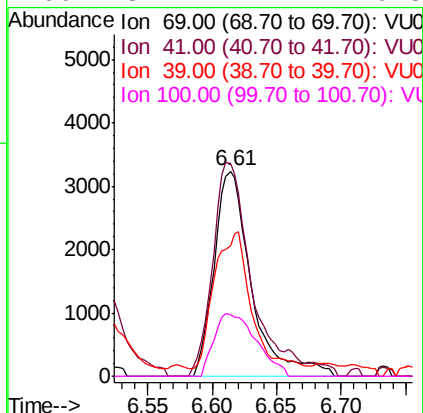
Acq: 22 Jul 2019 19:16

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 111.3 | 0.0   | 208.2 |
| 39      | 64.8  | 50.6  | 75.8  |
| 100     | 34.4  | 27.2  | 40.8  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

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#48

Ethyl methacrylate

Concen: 0.907 ug/l

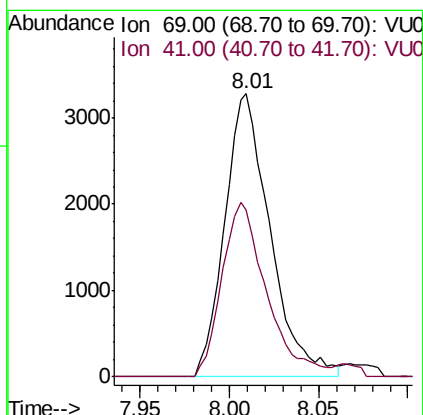
RT: 8.01 min Scan# 2152

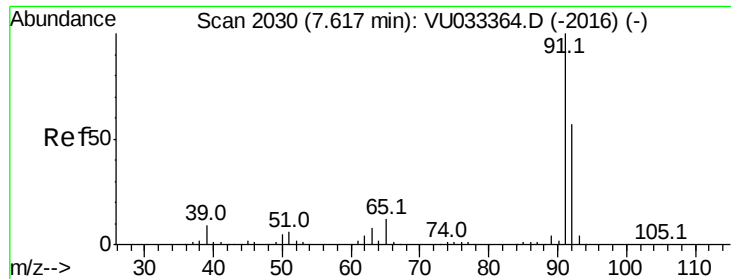
Delta R.T. 0.01 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 60.3  | 30.9  | 92.7  |





#49

Toluene

Concen: 0.918 ug/l

RT: 7.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 16436

Ion Ratio Lower Upper

92 100

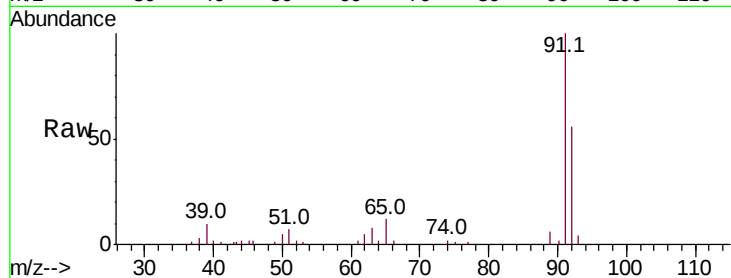
91 182.1 142.1 213.1

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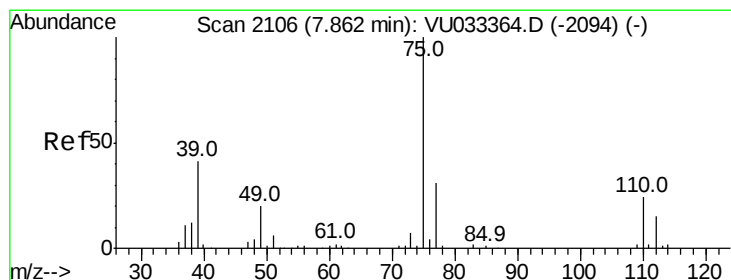
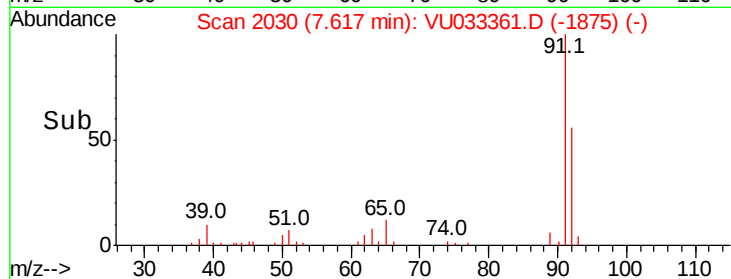
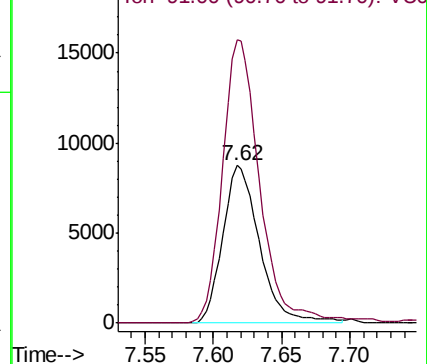
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Abundance Ion 92.00 (91.70 to 92.70): VU033361.D (-1875) (-)



#50

t-1,3-Dichloropropene

Concen: 0.980 ug/l

RT: 7.87 min Scan# 2108

Delta R.T. 0.01 min

Lab File: VU033361.D

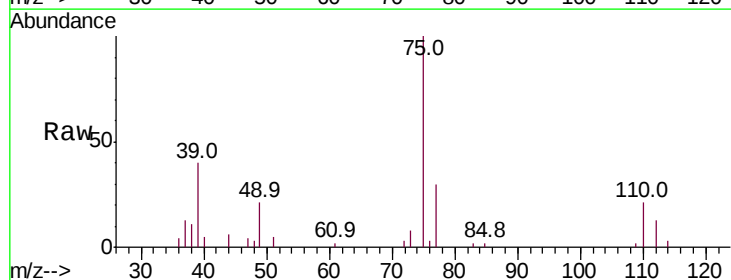
Acq: 22 Jul 2019 19:16

Tgt Ion: 75 Resp: 9402

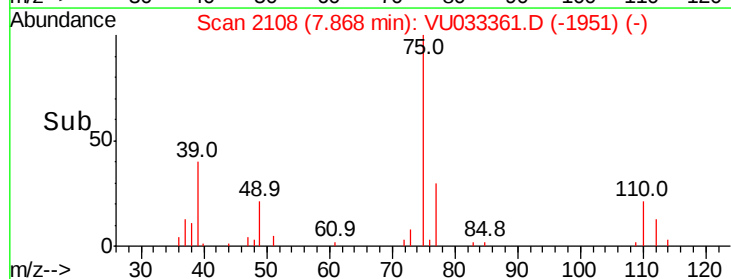
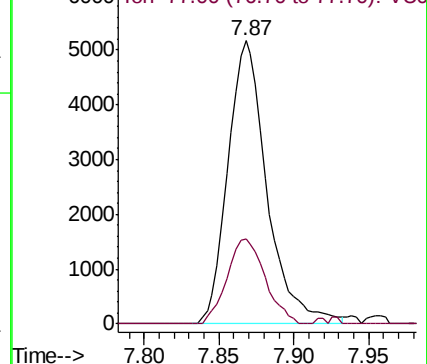
Ion Ratio Lower Upper

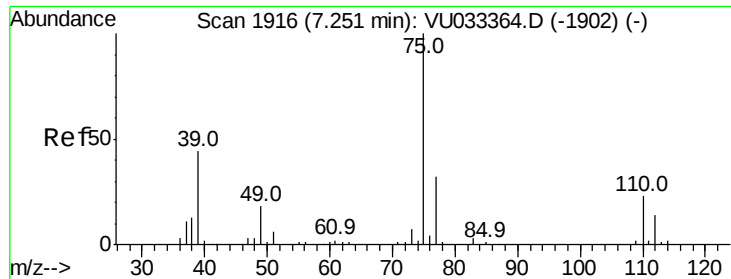
75 100

77 29.9 25.2 37.8



Abundance Ion 75.00 (74.70 to 75.70): VU033361.D (-1951) (-)





#51

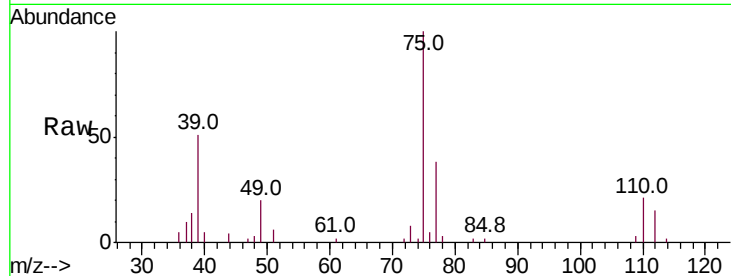
cis-1,3-Dichloropropene  
Concen: 0.933 ug/l  
RT: 7.25 min Scan# 1917  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

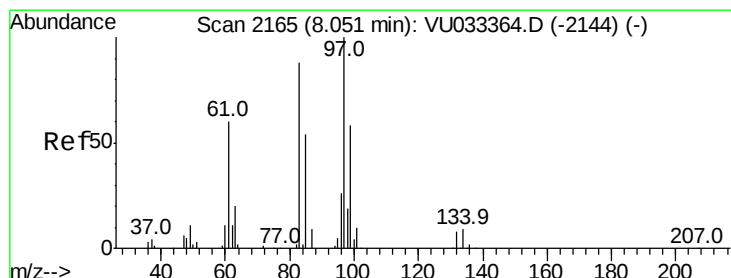
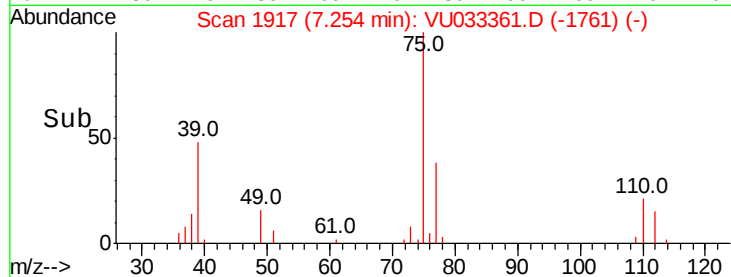
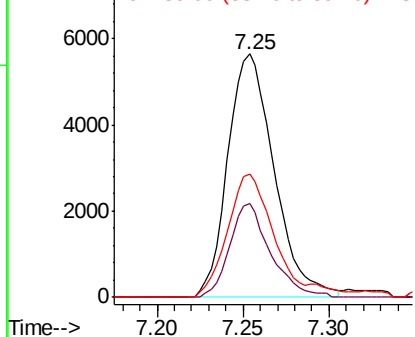
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 38.5  | 25.8  | 38.8  |
| 39      | 50.6  | 35.2  | 52.8  |

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Abundance Ion 75.00 (74.70 to 75.70): VU0  
Ion 77.00 (76.70 to 77.70): VU0  
Ion 39.00 (38.70 to 39.70): VU0

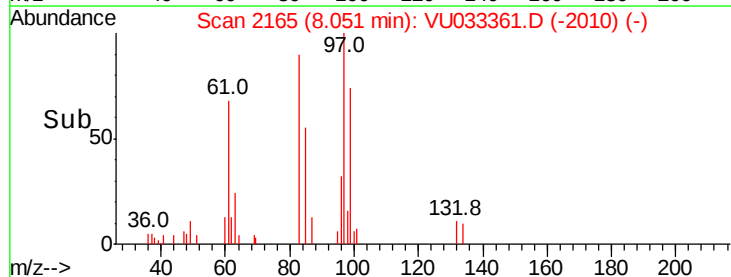
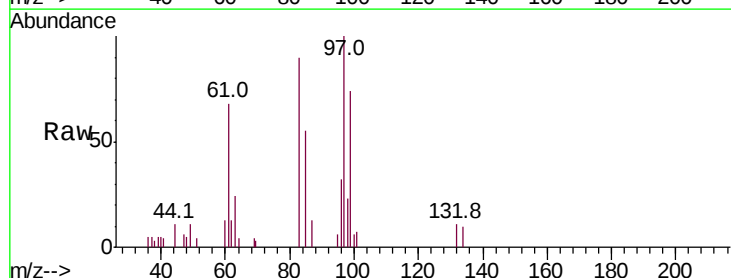
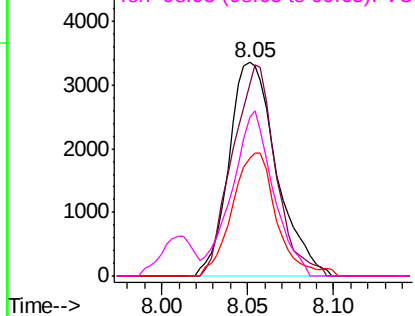


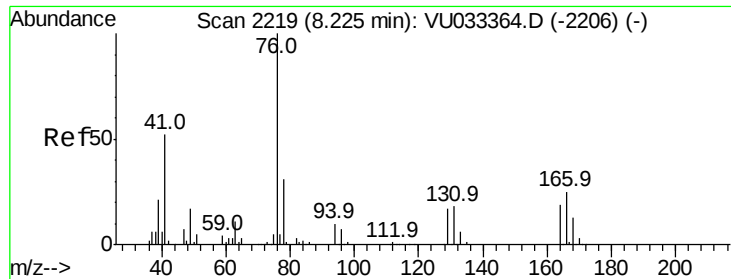
#52

1,1,2-Trichloroethane  
Concen: 1.015 ug/l  
RT: 8.05 min Scan# 2165  
Delta R.T. -0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 89.6  | 70.2  | 105.2 |
| 85      | 55.0  | 43.5  | 65.3  |
| 99      | 74.3  | 47.9  | 71.9  |

Abundance Ion 97.00 (96.70 to 97.70): VU0  
Ion 82.95 (82.65 to 83.65): VU0  
Ion 84.95 (84.65 to 85.65): VU0  
Ion 98.95 (98.65 to 99.65): VU0





#53

1,3-Dichloropropane

Concen: 1.020 ug/l

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 10996

Ion Ratio Lower Upper

76 100

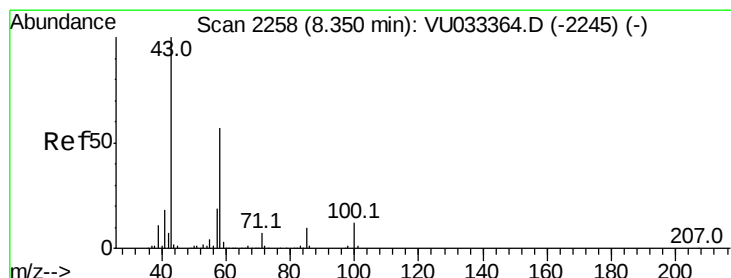
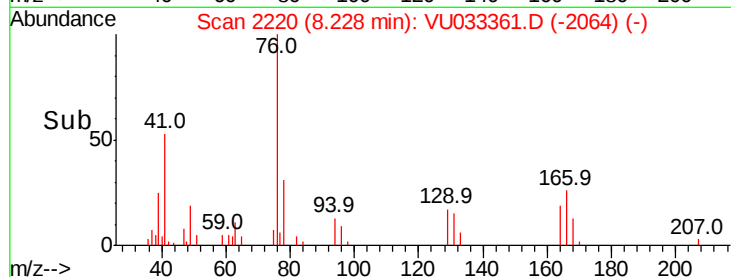
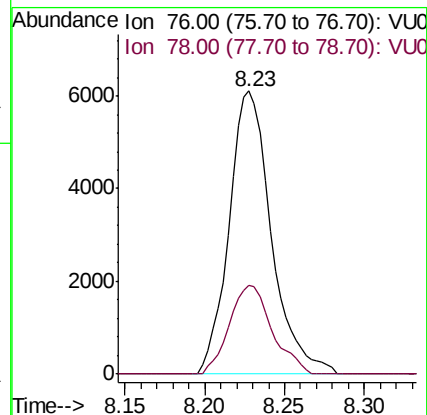
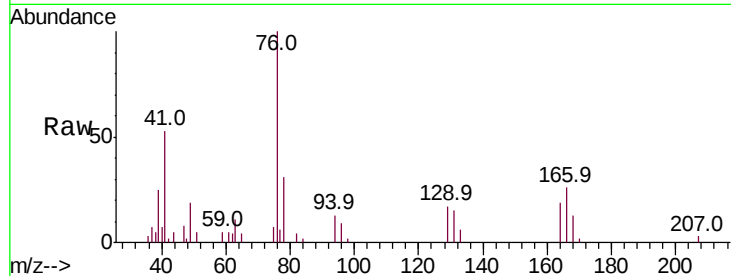
78 31.7 25.7 38.5

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#54

2-Hexanone

Concen: 4.548 ug/l

RT: 8.36 min Scan# 2260

Delta R.T. 0.01 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

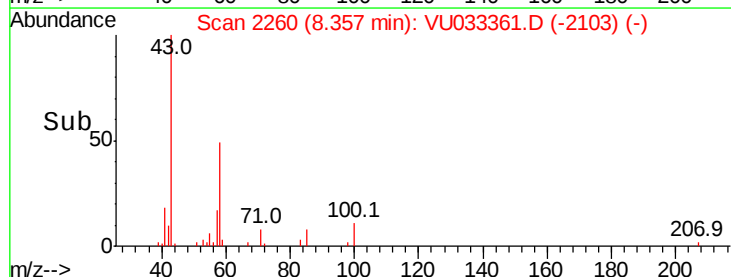
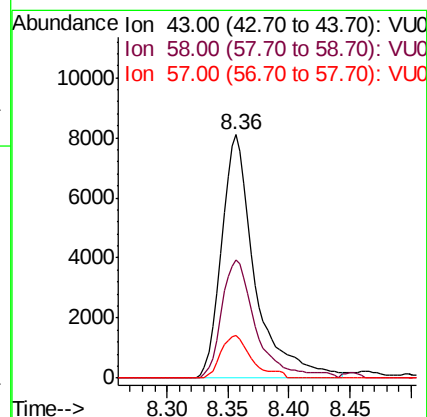
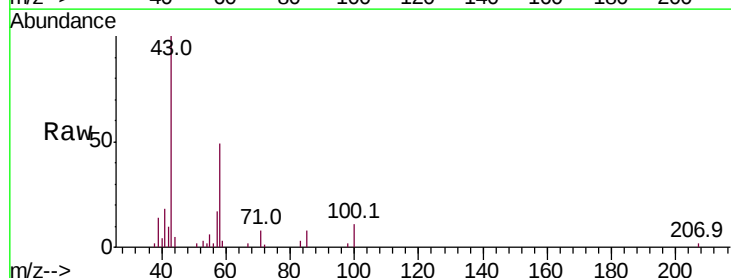
Tgt Ion: 43 Resp: 15583

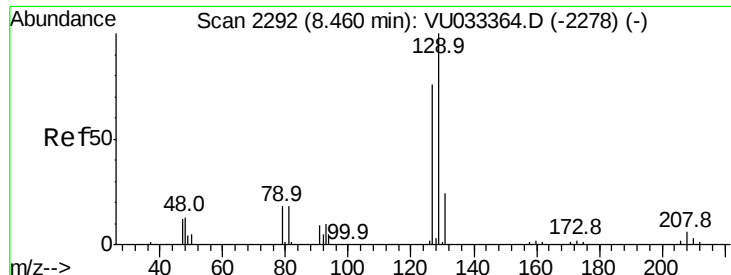
Ion Ratio Lower Upper

43 100

58 48.7 36.0 76.0

57 16.1 0.0 39.4





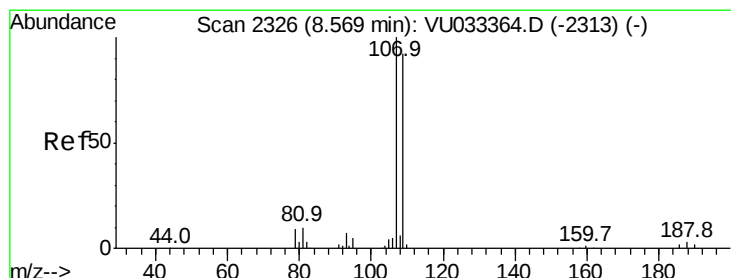
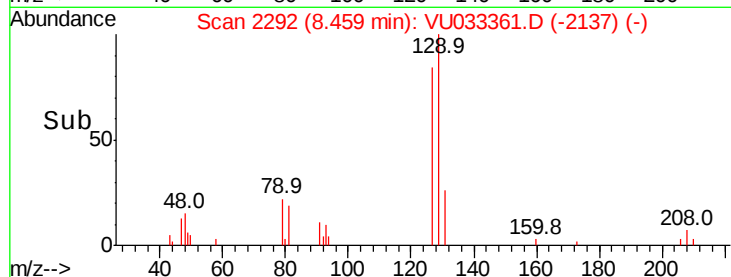
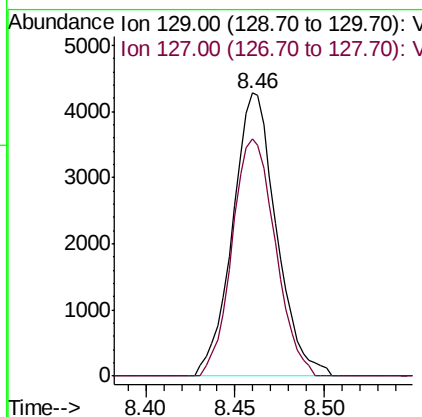
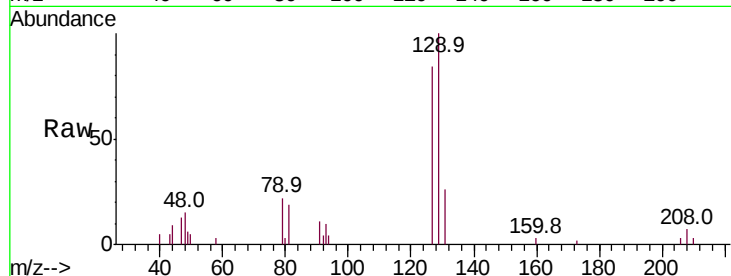
#55  
 Dibromochloromethane  
 Concen: 0.979 ug/l  
 RT: 8.46 min Scan# 2292  
 Delta R.T. -0.00 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 82.7  | 60.9  | 91.3  |

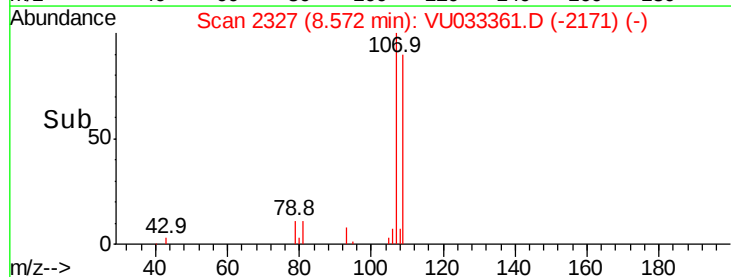
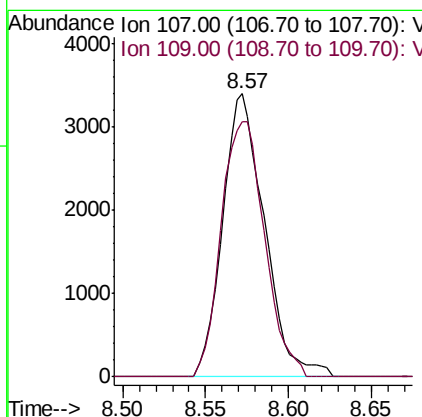
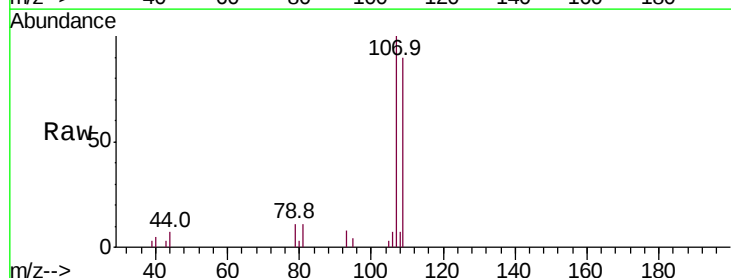
Manual Integrations  
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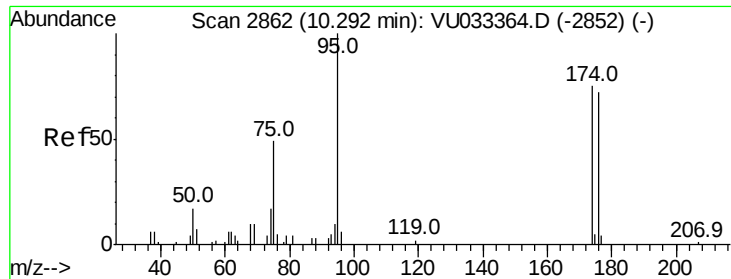
MMDadoda  
 7/23/2019 8:54:41 AM



#56  
 1,2-Dibromoethane  
 Concen: 1.001 ug/l  
 RT: 8.57 min Scan# 2327  
 Delta R.T. 0.00 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.5  | 0.0   | 184.8 |





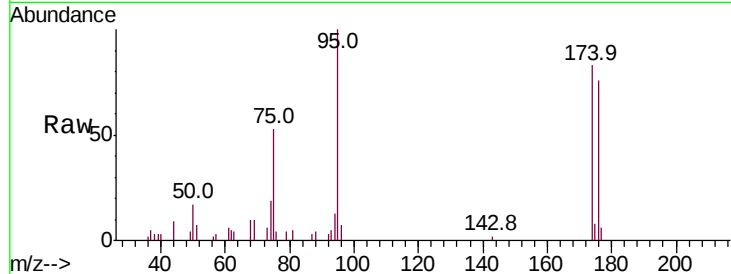
#57  
4-Bromofluorobenzene  
Concen: 0.957 ug/l  
RT: 10.30 min Scan# 2863  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

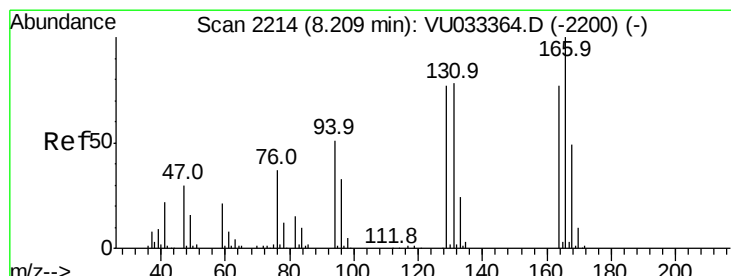
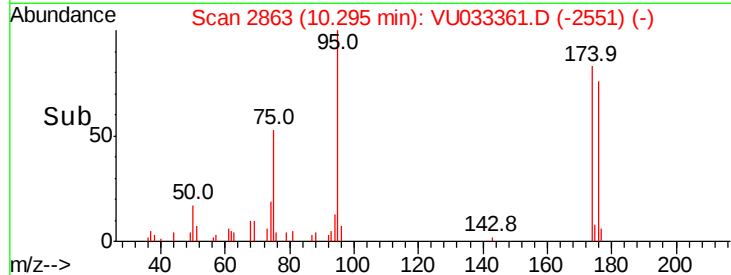
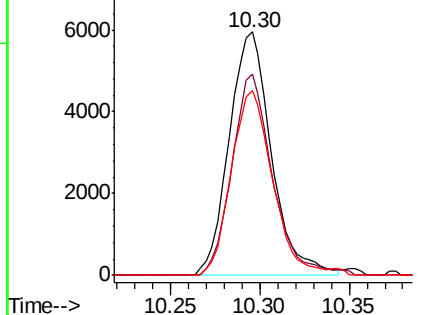
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 79.4  | 58.8  | 88.2  |
| 176     | 74.9  | 54.4  | 81.6  |

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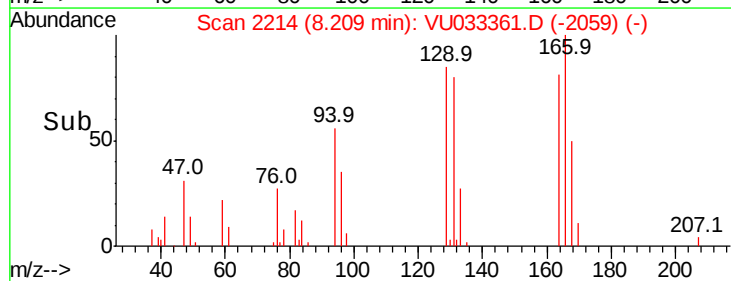
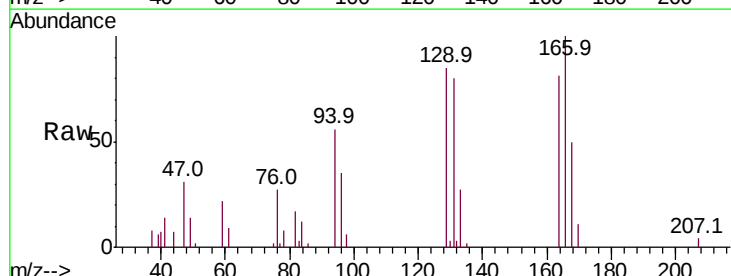
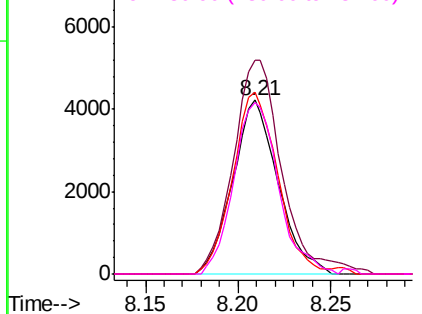
Abundance Ion 95.00 (94.70 to 95.70): VU033361.D (-2852) (-)  
Ion 174.00 (173.70 to 174.70): VU033361.D (-2852) (-)  
Ion 176.00 (175.70 to 176.70): VU033361.D (-2852) (-)

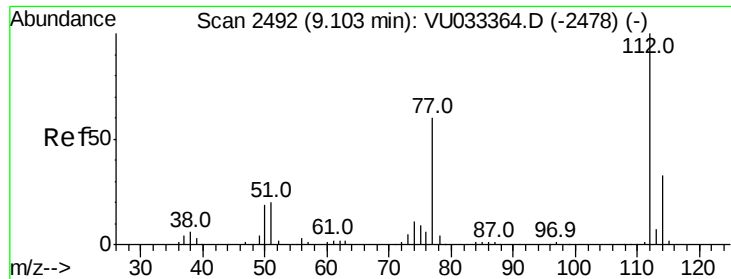


#58  
Tetrachloroethene  
Concen: 0.961 ug/l  
RT: 8.21 min Scan# 2214  
Delta R.T. -0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 122.9 | 103.8 | 155.6 |
| 129     | 104.8 | 79.7  | 119.5 |
| 131     | 98.6  | 80.5  | 120.7 |

Abundance Ion 163.85 (163.55 to 164.55): VU033361.D (-2059) (-)  
Ion 165.80 (165.50 to 166.50): VU033361.D (-2059) (-)  
Ion 128.90 (128.60 to 129.60): VU033361.D (-2059) (-)  
Ion 130.90 (130.60 to 131.60): VU033361.D (-2059) (-)





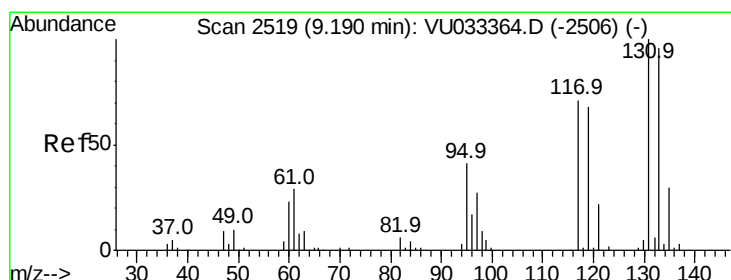
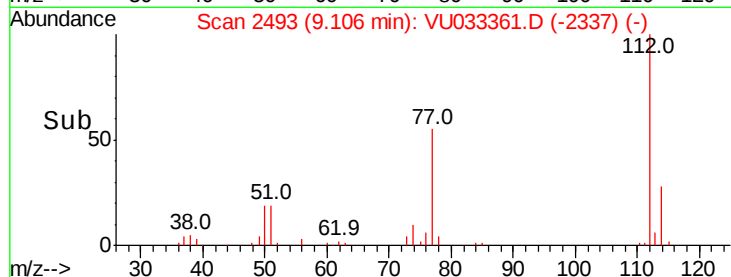
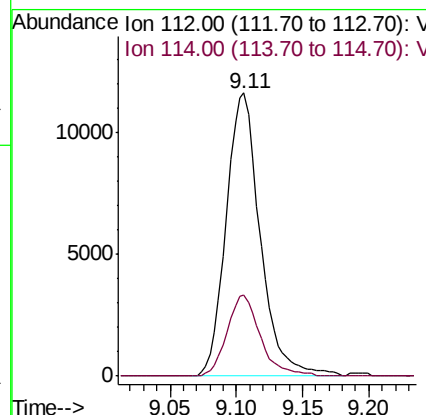
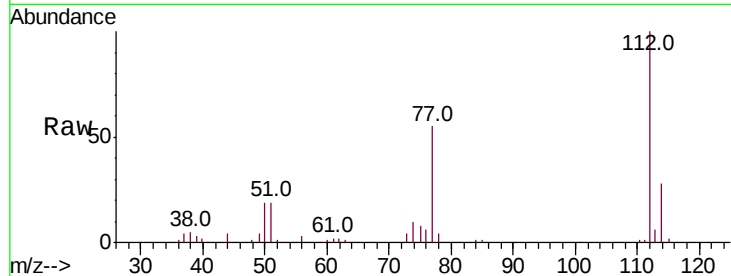
#59  
Chlorobenzene  
Concen: 1.011 ug/l  
RT: 9.11 min Scan# 2493  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

Tot Ion:112 Resp: 20743  
Ion Ratio Lower Upper  
112 100  
114 28.5 26.4 39.6

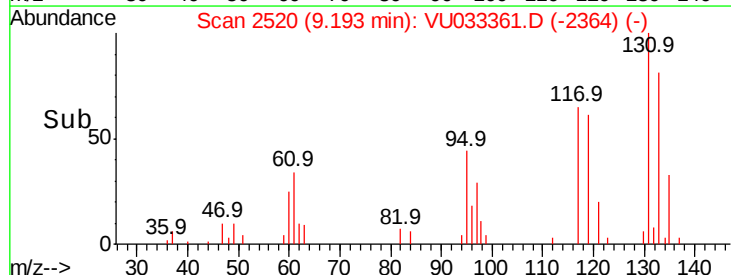
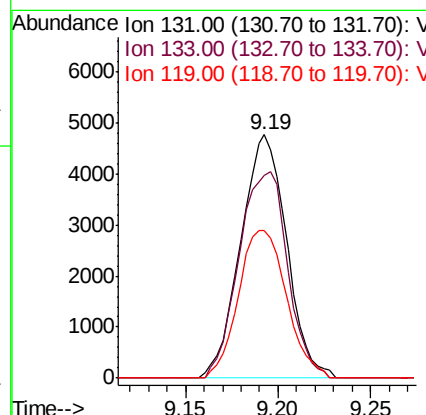
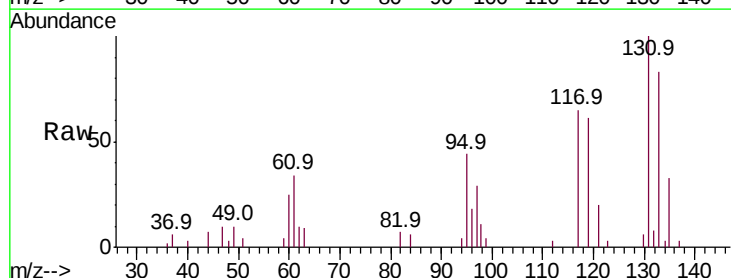
Manual Integrations  
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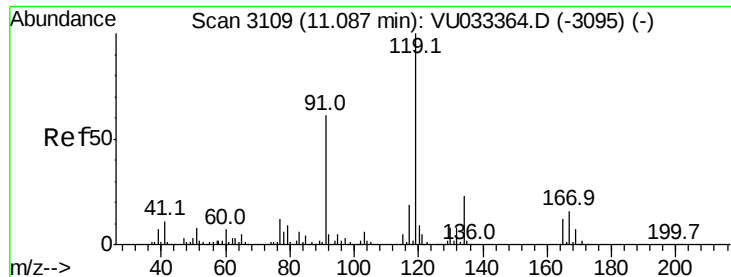
MMDadoda  
7/23/2019 8:54:41 AM



#60  
1,1,1,2-Tetrachloroethane  
Concen: 1.057 ug/l  
RT: 9.19 min Scan# 2520  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Tgt Ion:131 Resp: 8233  
Ion Ratio Lower Upper  
131 100  
133 89.6 76.2 114.4  
119 63.6 54.9 82.3





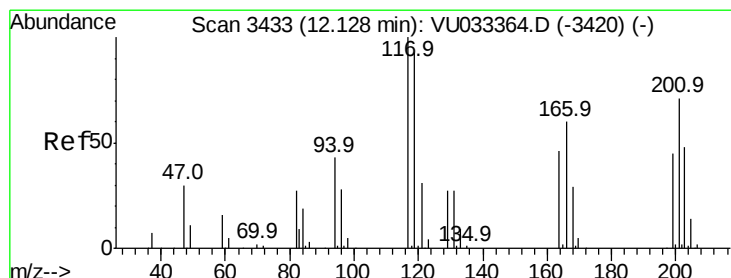
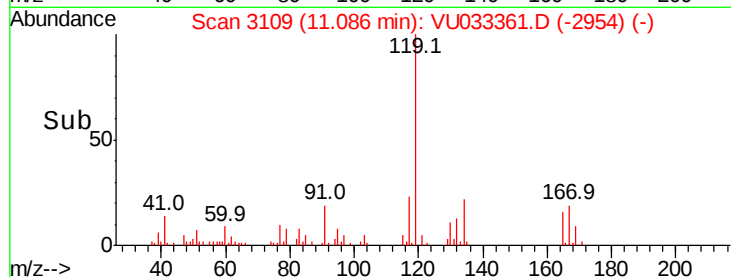
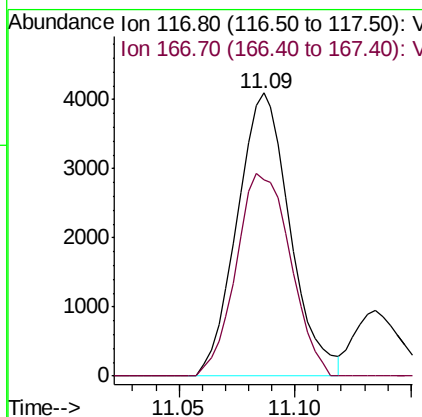
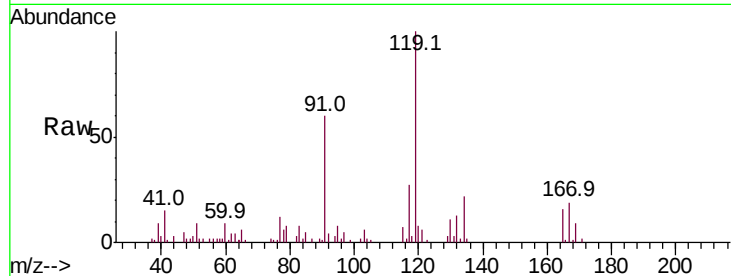
#61  
 Pentachloroethane  
 Concen: 1.016 ug/l  
 RT: 11.09 min Scan# 3109  
 Delta R.T. -0.00 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

Tot Ion:117 Resp: 6496  
 Ion Ratio Lower Upper  
 117 100  
 167 73.4 63.4 95.0

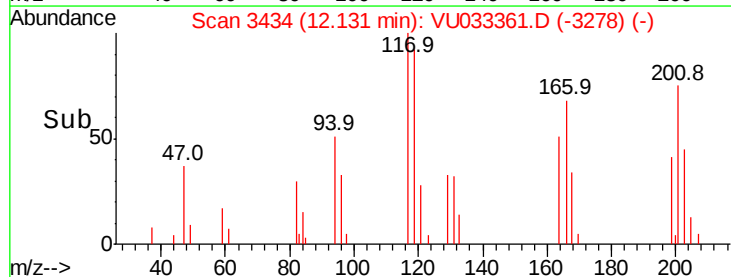
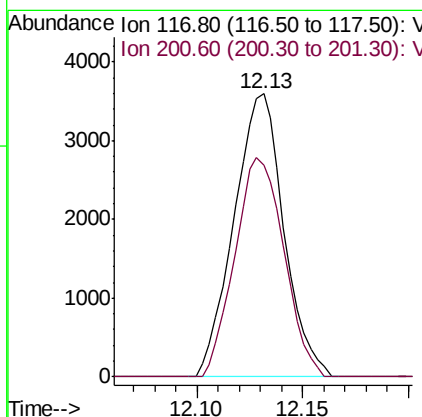
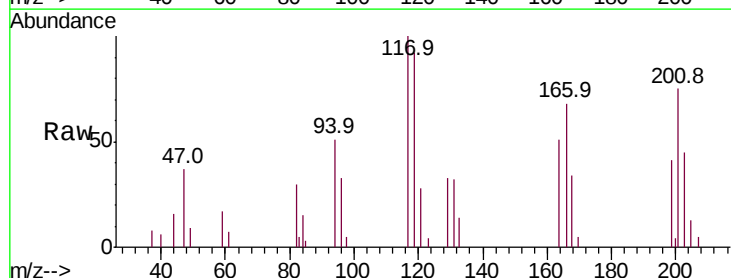
Manual Integrations  
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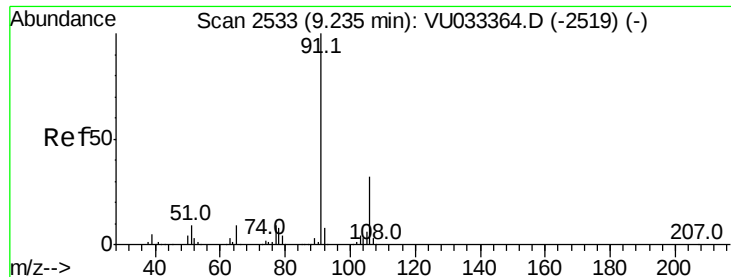
MMDadoda  
 7/23/2019 8:54:41 AM



#62  
 Hexachloroethane  
 Concen: 0.953 ug/l  
 RT: 12.13 min Scan# 3434  
 Delta R.T. 0.00 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

Tgt Ion:117 Resp: 5899  
 Ion Ratio Lower Upper  
 117 100  
 201 76.5 57.9 86.9





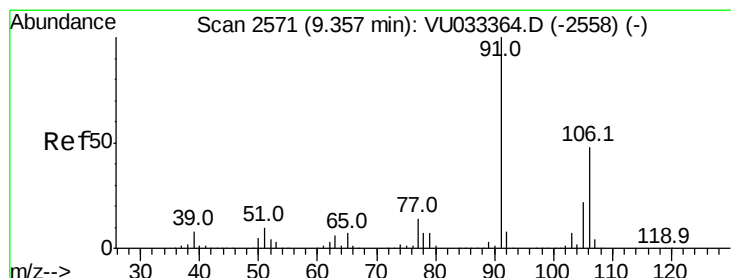
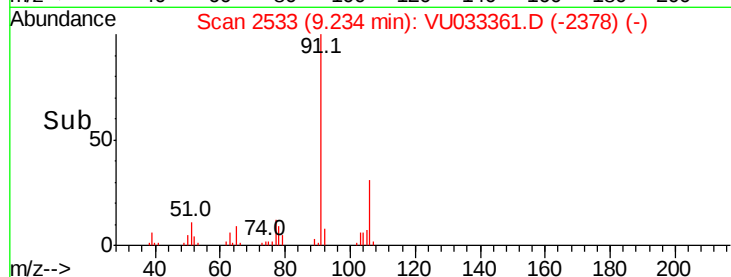
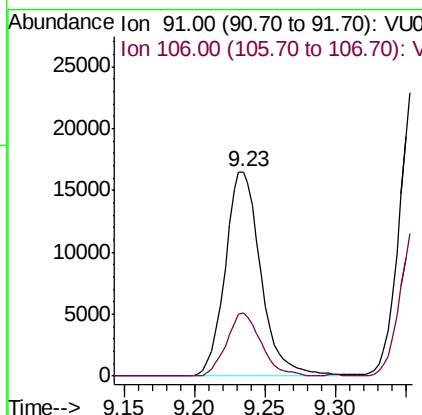
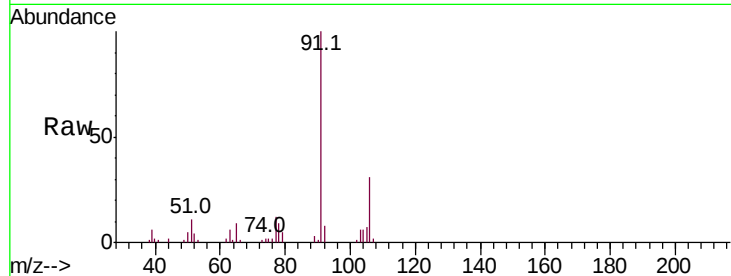
#63  
Ethyl Benzene  
Concen: 0.882 ug/l  
RT: 9.23 min Scan# 2533  
Delta R.T. -0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

Tot Ion: 91 Resp: 29064  
Ion Ratio Lower Upper  
91 100  
106 31.3 25.4 38.2

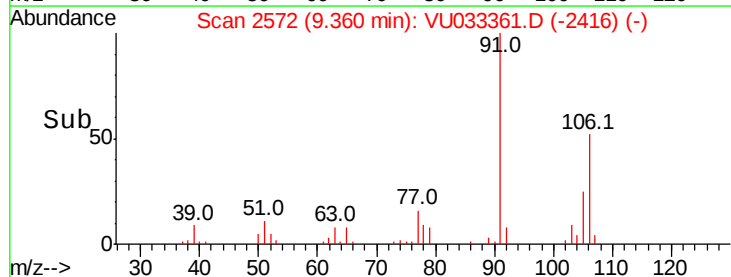
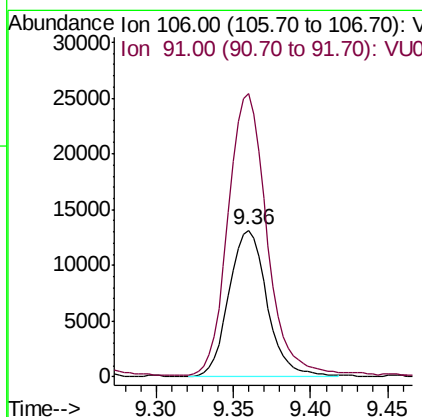
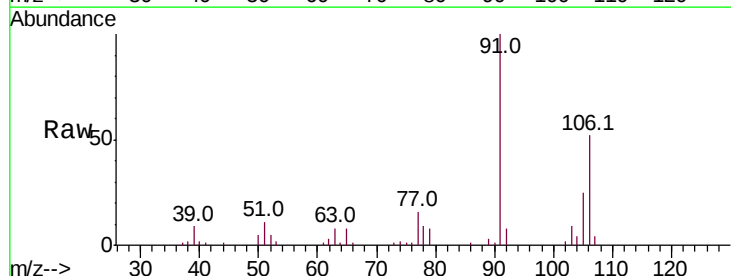
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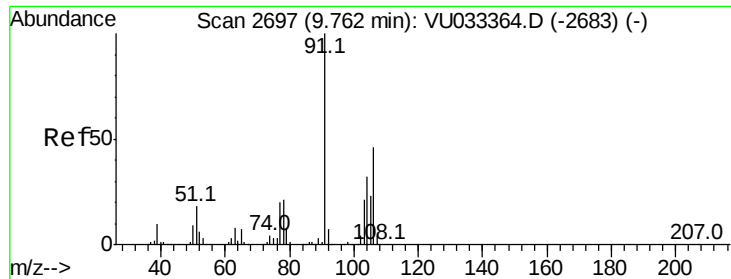
MMDadoda  
7/23/2019 8:54:41 AM



#64  
m/p-Xylenes  
Concen: 1.717 ug/l  
RT: 9.36 min Scan# 2572  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Tgt Ion: 106 Resp: 22623  
Ion Ratio Lower Upper  
106 100  
91 193.9 167.1 250.7





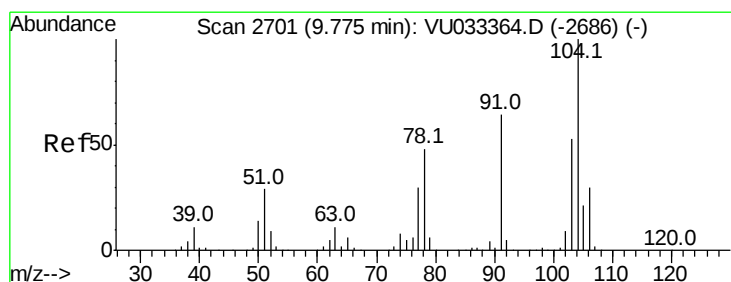
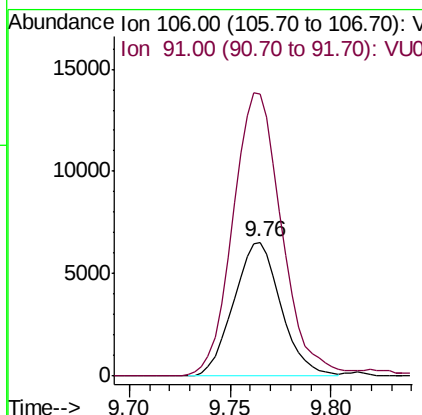
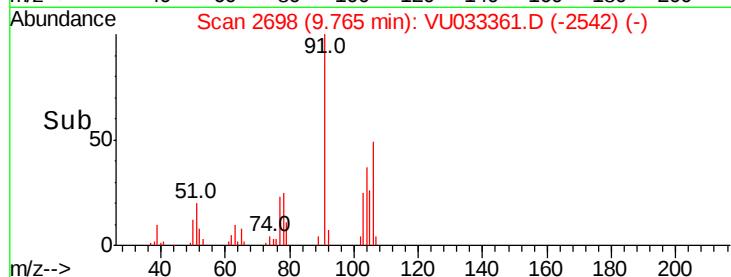
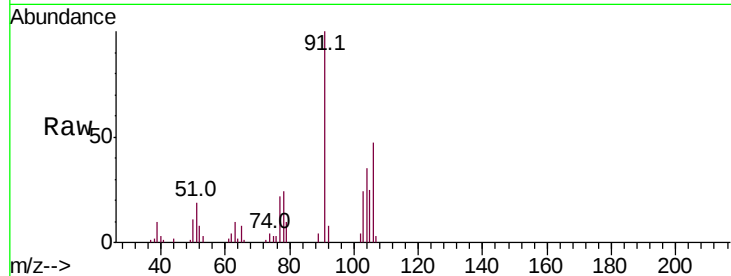
#65  
o-Xylene  
Concen: 0.849 ug/l  
RT: 9.76 min Scan# 2698  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

Tot Ion:106 Resp: 10723  
Ion Ratio Lower Upper  
106 100  
91 218.6 108.5 325.3

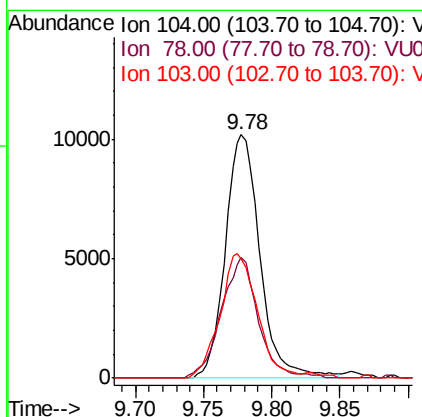
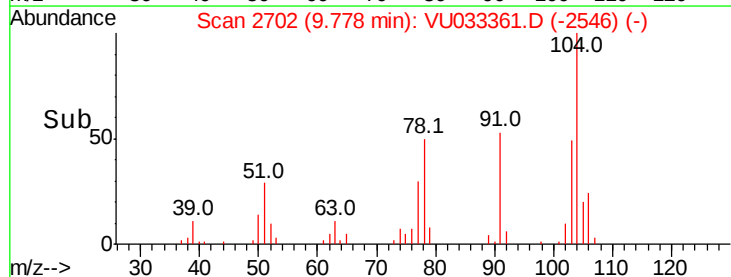
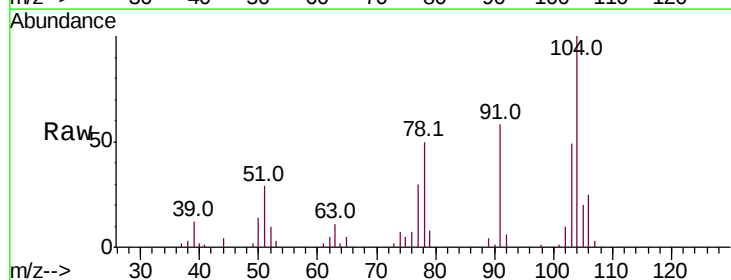
Manual Integrations  
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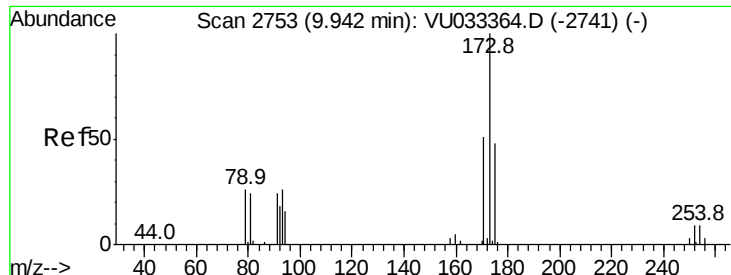
MMDadoda  
7/23/2019 8:54:41 AM



#66  
Styrene  
Concen: 0.840 ug/l  
RT: 9.78 min Scan# 2702  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Tgt Ion:104 Resp: 17986  
Ion Ratio Lower Upper  
104 100  
78 53.0 41.2 61.8  
103 54.9 44.7 67.1





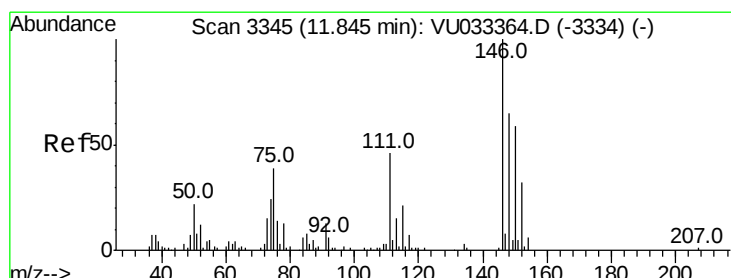
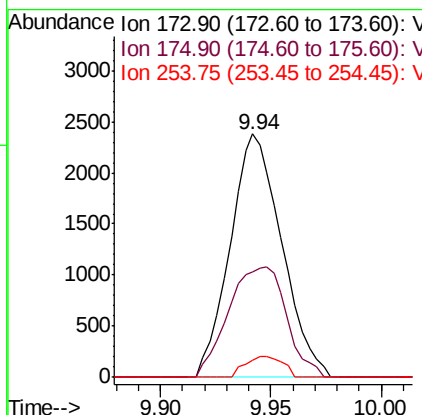
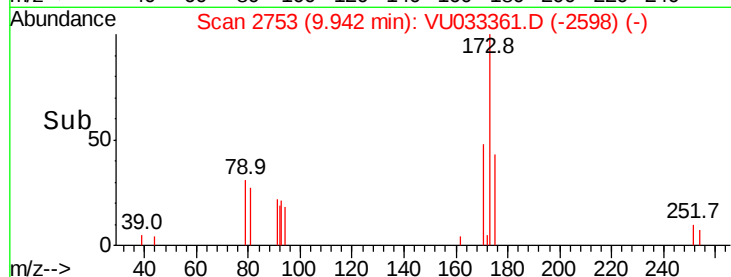
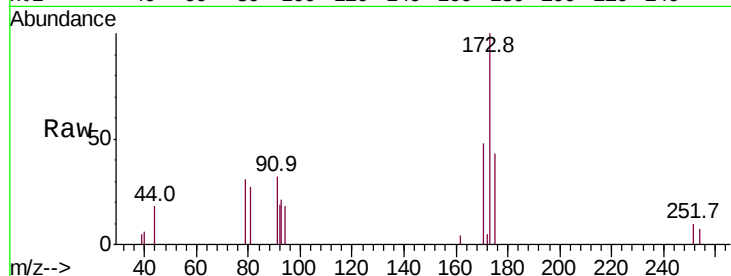
#67  
Bromoform  
Concen: 0.957 ug/l  
RT: 9.94 min Scan# 2753  
Delta R.T. -0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 51.1  | 38.6  | 58.0  |
| 254     | 6.3   | 6.8   | 10.2  |

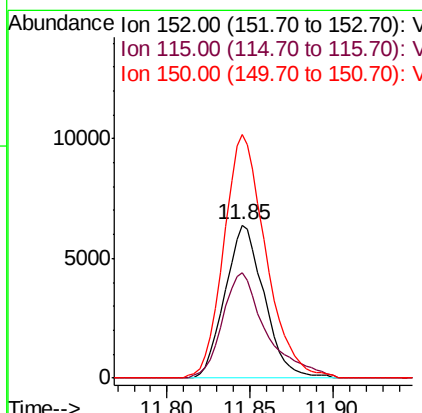
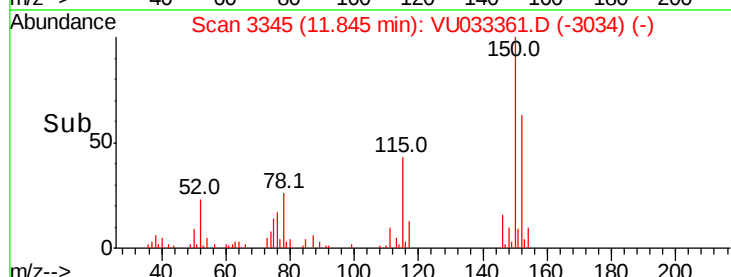
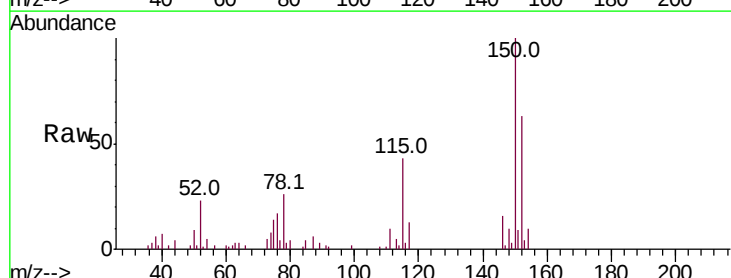
Manual Integrations  
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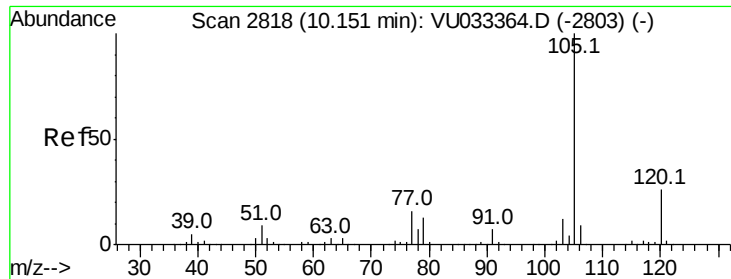
MMDadoda  
7/23/2019 8:54:41 AM



#68  
1,2-Dichlorobenzene-d4  
Concen: 0.993 ug/l  
RT: 11.85 min Scan# 3345  
Delta R.T. -0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 77.0  | 0.0   | 123.2 |
| 150     | 170.4 | 0.0   | 648.4 |





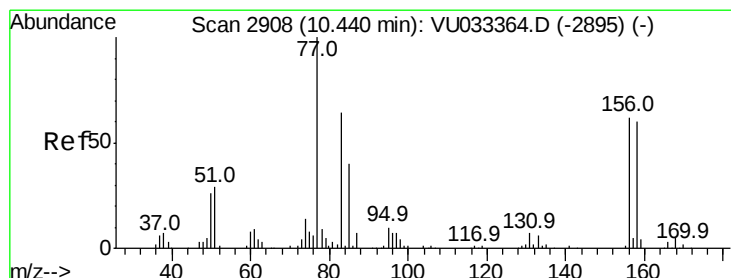
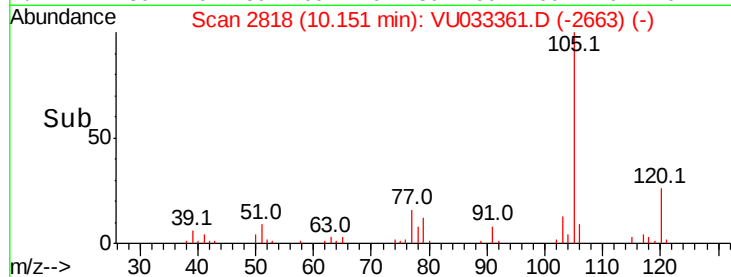
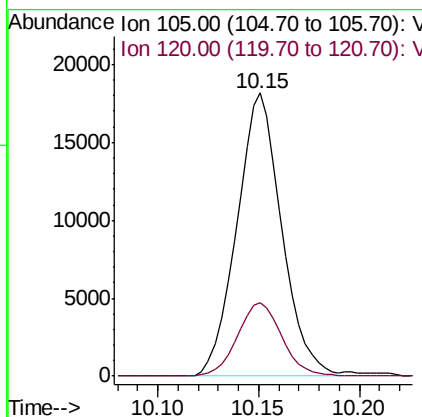
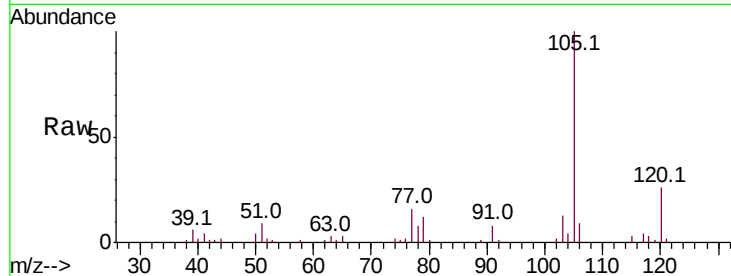
#69  
Isopropylbenzene  
Concen: 0.870 ug/l  
RT: 10.15 min Scan# 2818  
Delta R.T. -0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.9  | 13.4  | 40.1  |

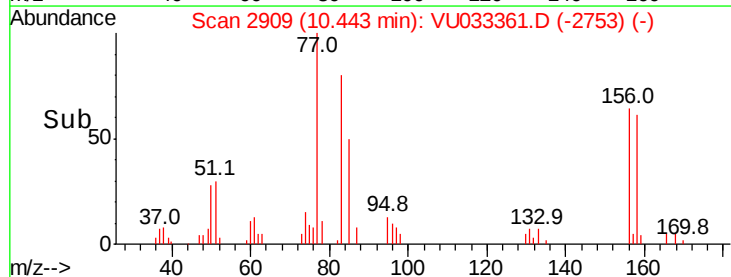
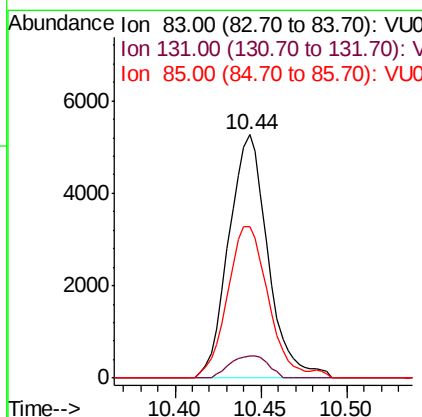
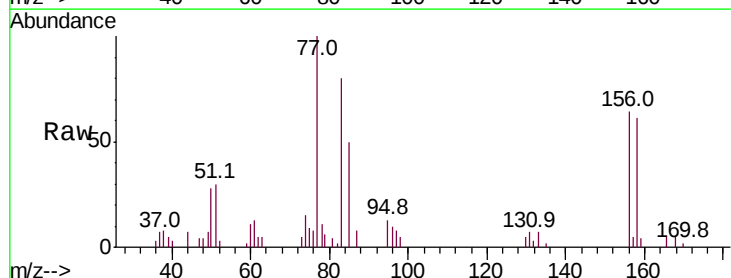
Manual Integrations  
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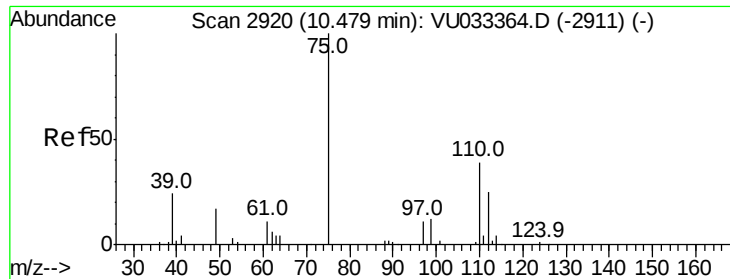
MMDadoda  
7/23/2019 8:54:41 AM



#70  
1,1,2,2-Tetrachloroethane  
Concen: 0.985 ug/l  
RT: 10.44 min Scan# 2909  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 131     | 8.9   | 8.0   | 12.0  |
| 85      | 65.8  | 51.8  | 77.8  |





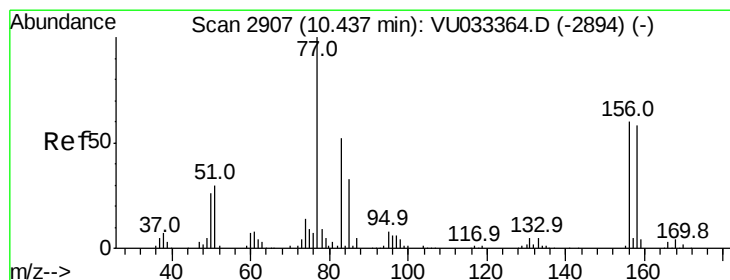
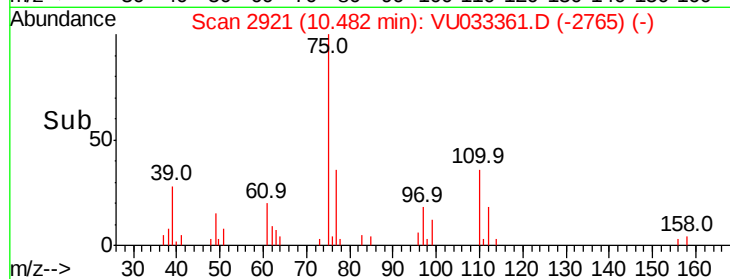
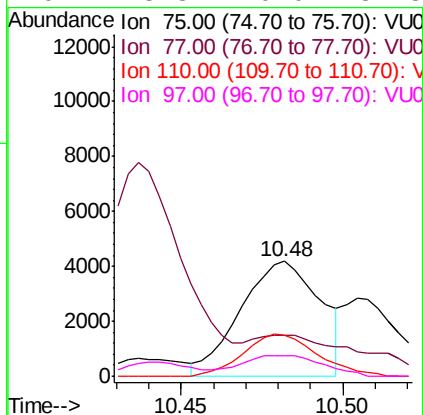
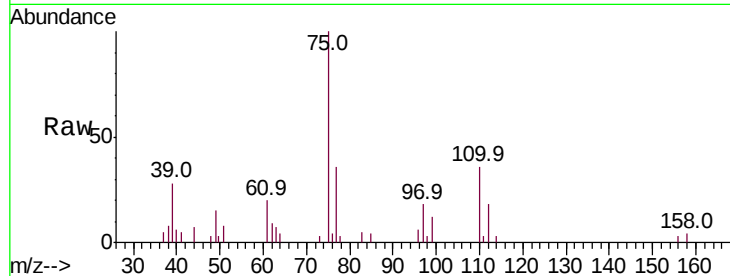
#71  
 1,2,3-Trichloropropane  
 Concen: 1.108 ug/l m  
 RT: 10.48 min Scan# 2921  
 Delta R.T. 0.00 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 7233  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 0.0   | 0.0   | 18.2  |
| 110      | 33.6  | 0.0   | 71.4  |
| 97       | 18.3  | 0.0   | 37.8  |

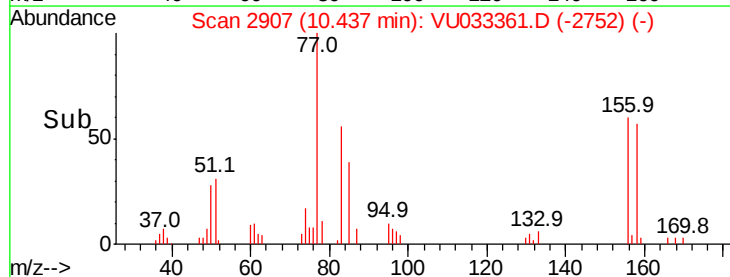
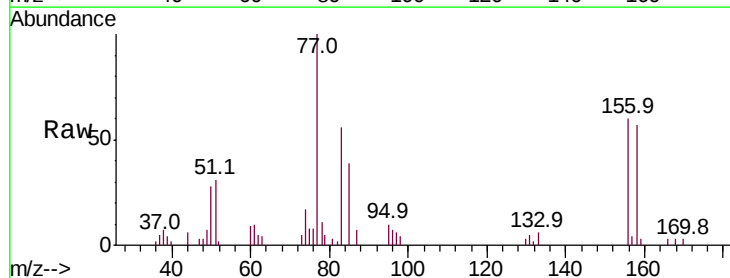
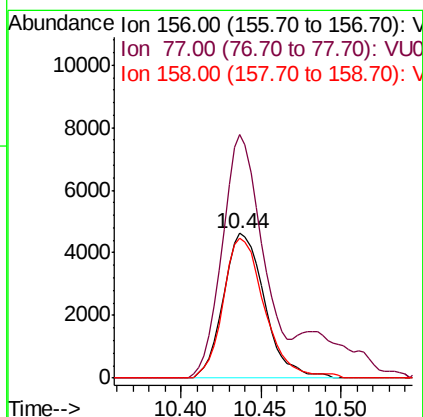
Manual Integrations  
 APPROVED

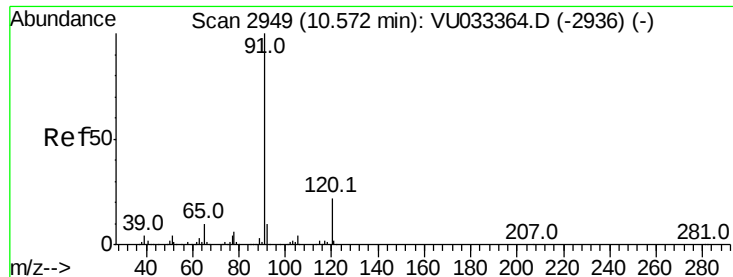
MMDadoda  
 7/23/2019 8:54:41 AM



#72  
 Bromobenzene  
 Concen: 0.950 ug/l  
 RT: 10.44 min Scan# 2907  
 Delta R.T. -0.00 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 156   | Resp: | 8125  |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 166.4 | 0.0   | 324.4 |
| 158      | 97.2  | 0.0   | 192.4 |





#73

n-propylbenzene

Concen: 0.867 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

Tot Ion:120 Resp: 7998

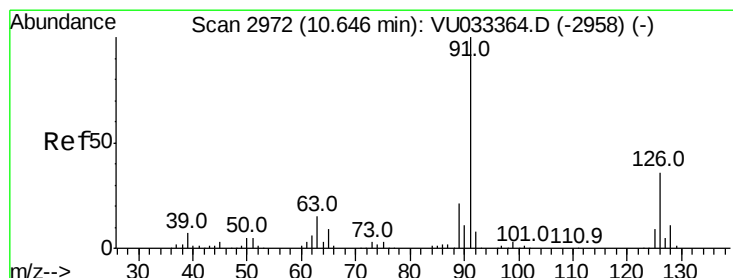
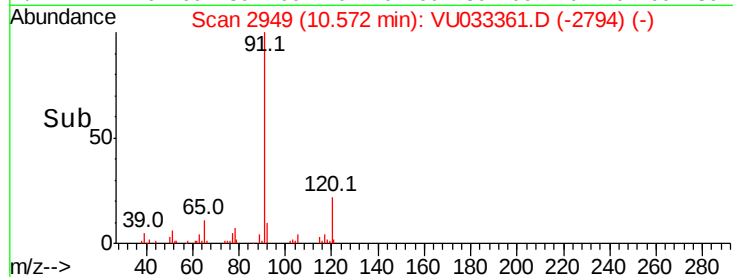
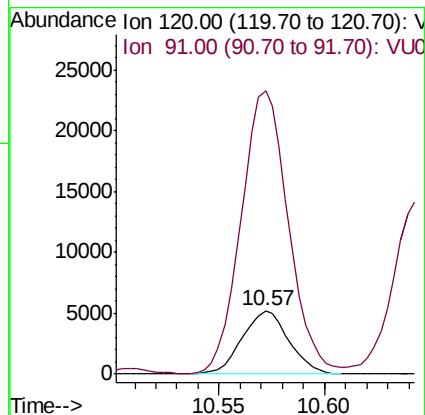
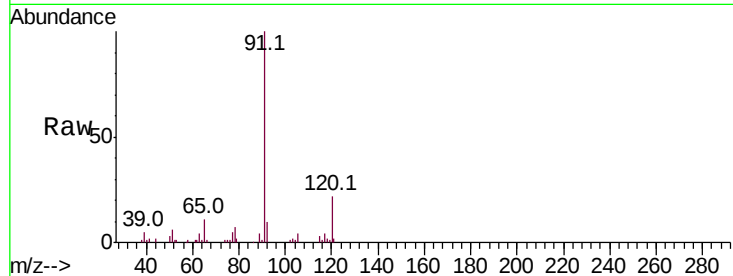
Ion Ratio Lower Upper

120 100

91 454.6 355.1 532.7

Manual Integrations  
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#74

2-Chlorotoluene

Concen: 0.925 ug/l

RT: 10.65 min Scan# 2972

Delta R.T. -0.00 min

Lab File: VU033361.D

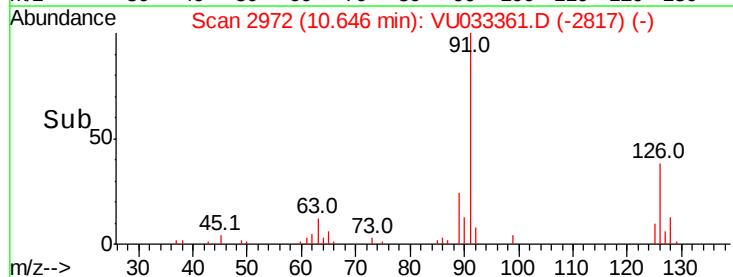
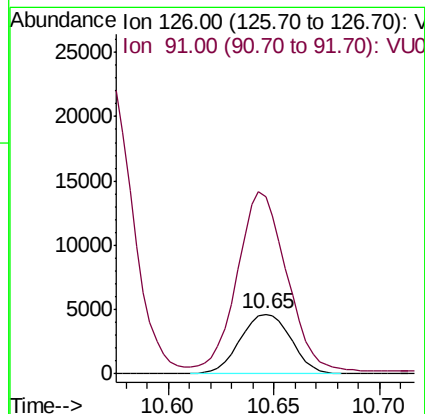
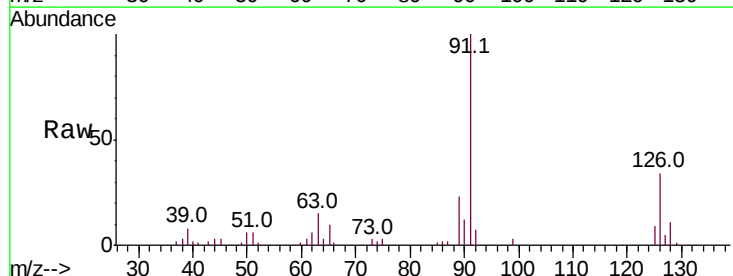
Acq: 22 Jul 2019 19:16

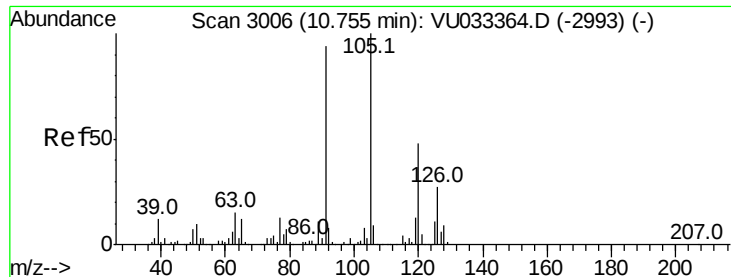
Tgt Ion:126 Resp: 7788

Ion Ratio Lower Upper

126 100

91 301.5 0.0 598.0





#75

1,3,5-Trimethylbenzene

Concen: 0.846 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 24574

Ion Ratio Lower Upper

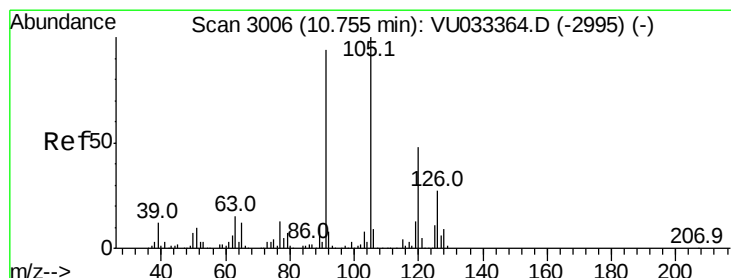
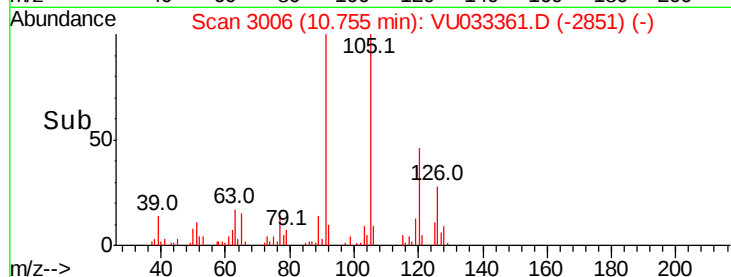
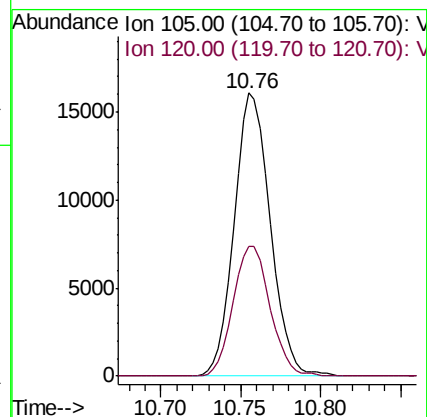
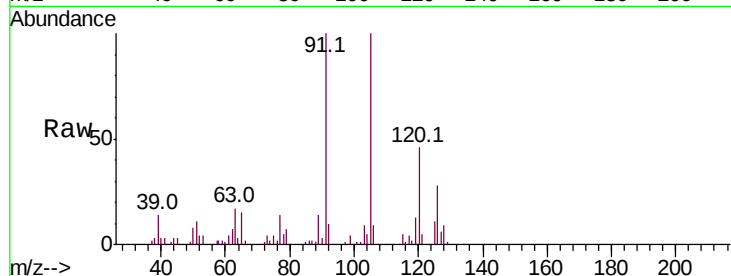
105 100

120 47.3 38.2 57.4

Manual Integrations  
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#76

4-Chlorotoluene

Concen: 0.868 ug/l

RT: 10.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU033361.D

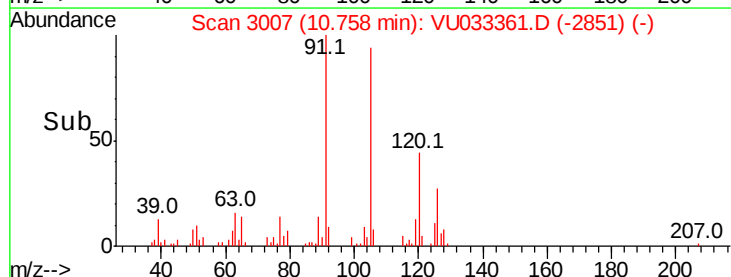
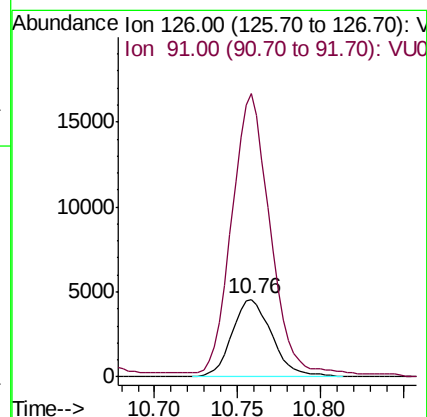
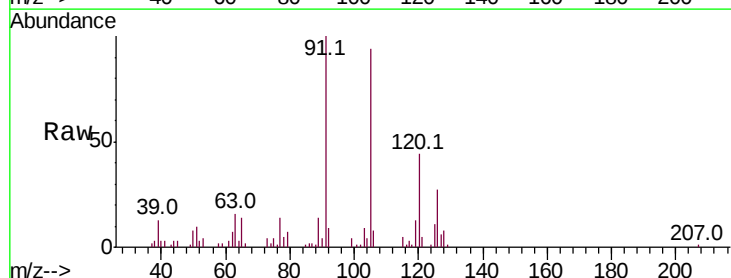
Acq: 22 Jul 2019 19:16

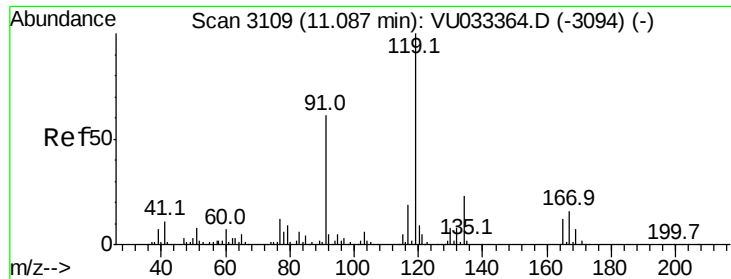
Tgt Ion:126 Resp: 7617

Ion Ratio Lower Upper

126 100

91 350.1 0.0 681.0





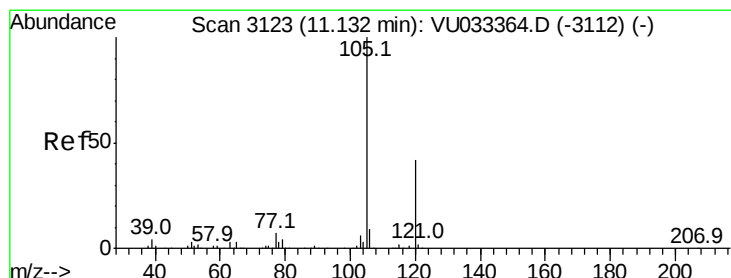
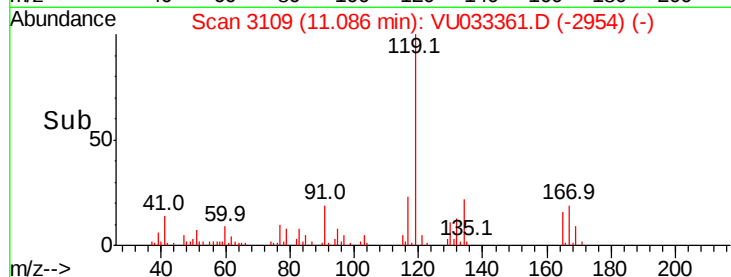
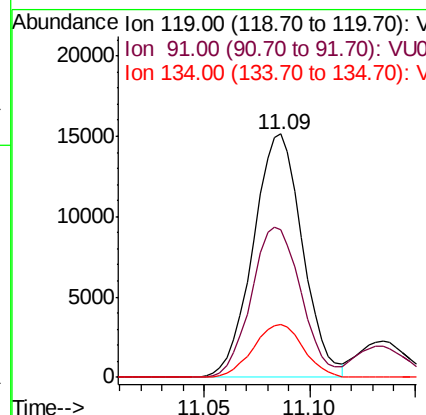
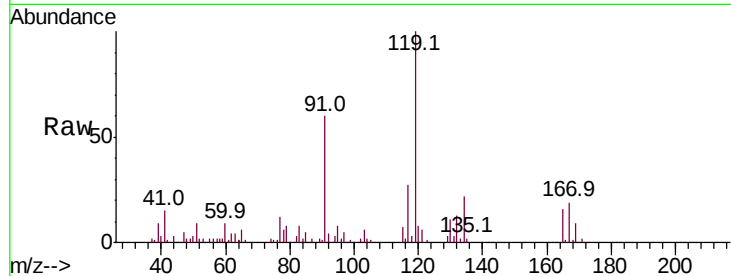
#77  
tert-Butylbenzene  
Concen: 0.895 ug/l  
RT: 11.09 min Scan# 3109  
Delta R.T. -0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 62.1  | 30.4  | 91.3  |
| 134     | 21.9  | 18.5  | 27.7  |

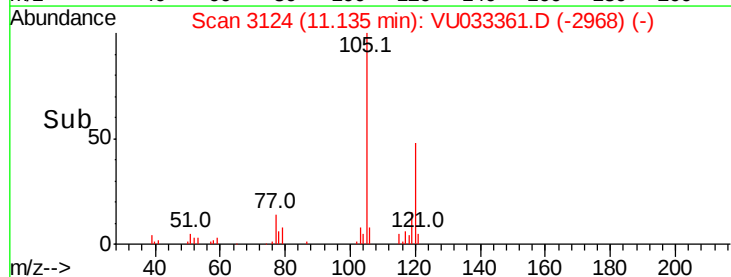
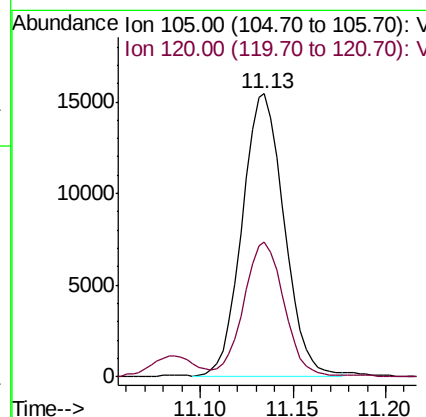
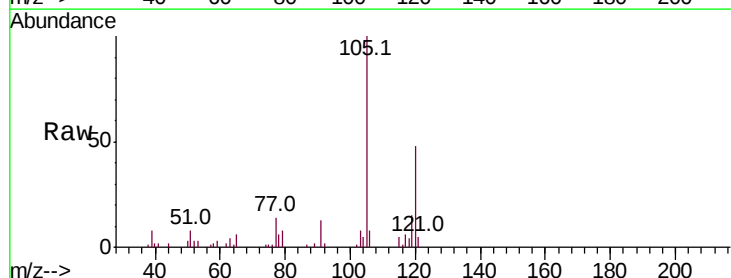
Manual Integrations  
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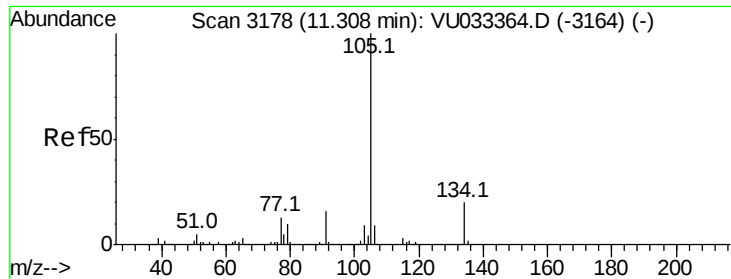
MMDadoda  
7/23/2019 8:54:41 AM



#78  
1,2,4-Trimethylbenzene  
Concen: 0.820 ug/l  
RT: 11.13 min Scan# 3124  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.5  | 22.5  | 67.5  |





#79

sec-Butylbenzene

Concen: 0.859 ug/l

RT: 11.31 min Scan# 3178

Delta R.T. -0.00 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 32580

Ion Ratio Lower Upper

105 100

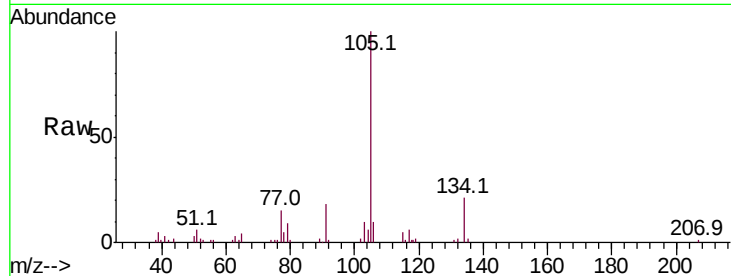
134 20.5 15.5 23.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

20000

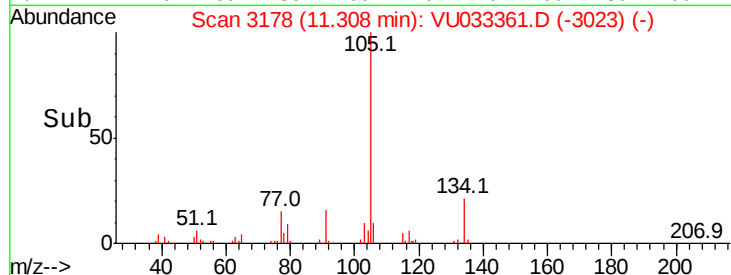
15000

10000

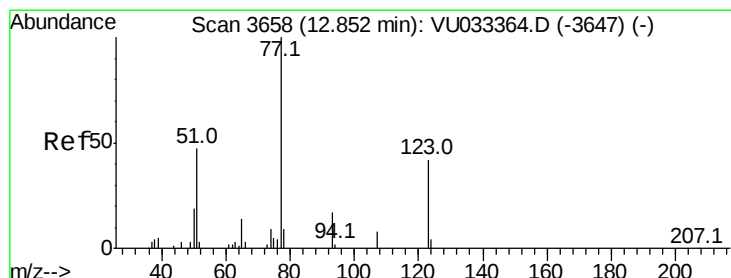
5000

0

Time-->



Time-->



#80

Nitrobenzene

Concen: 3.231 ug/l

RT: 12.87 min Scan# 3663

Delta R.T. 0.02 min

Lab File: VU033361.D

Acq: 22 Jul 2019 19:16

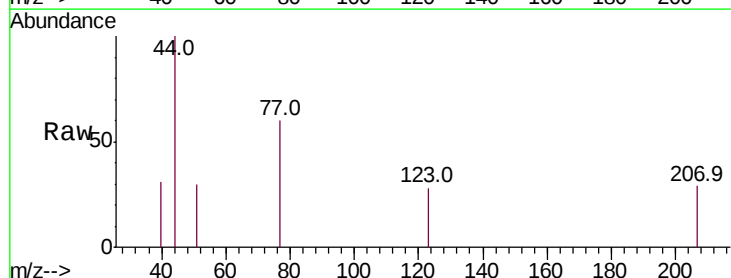
Tgt Ion: 77 Resp: 785

Ion Ratio Lower Upper

77 100

123 19.9 19.3 68.3

65 0.0 10.1 12.9#



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

400

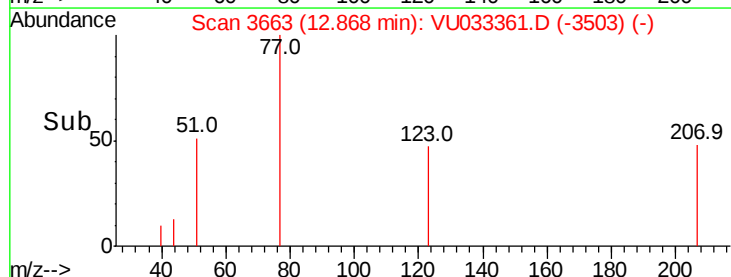
300

200

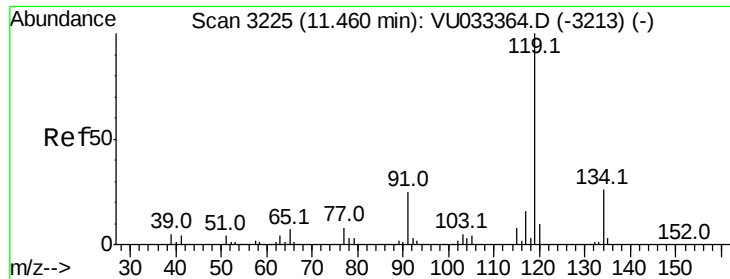
100

0

Time-->



Time-->



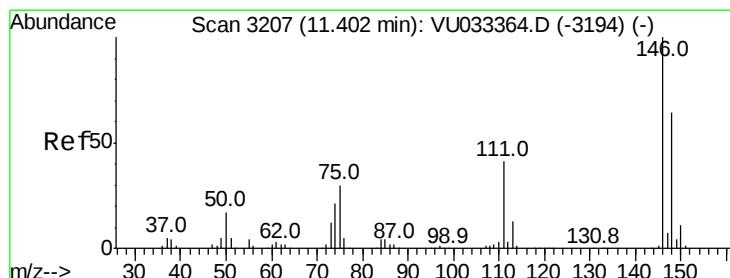
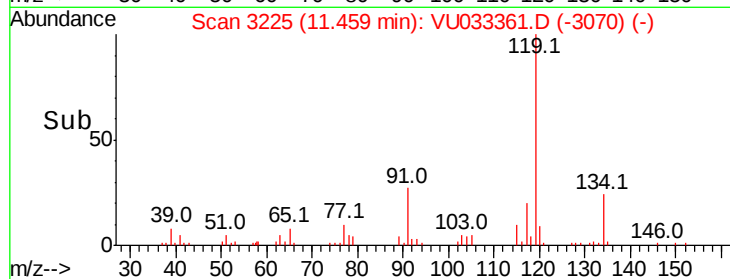
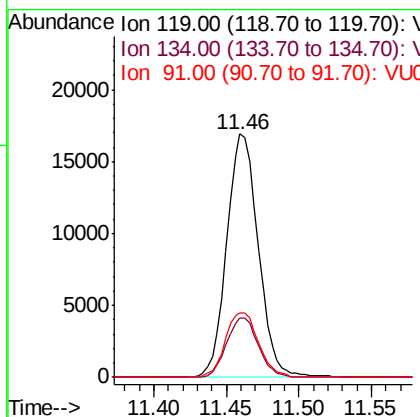
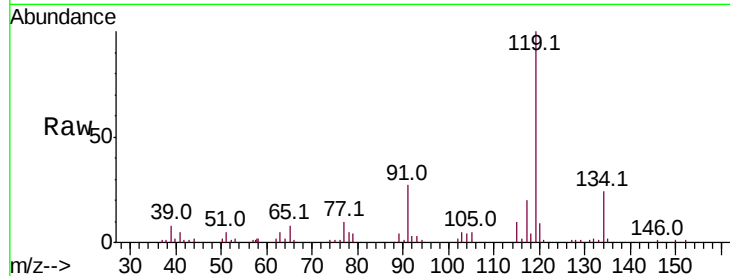
#81  
 p-Isopropyltoluene  
 Concen: 0.829 ug/l  
 RT: 11.46 min Scan# 3225  
 Delta R.T. -0.00 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 24.5  | 21.0  | 31.4  |
| 91      | 27.9  | 19.8  | 29.6  |

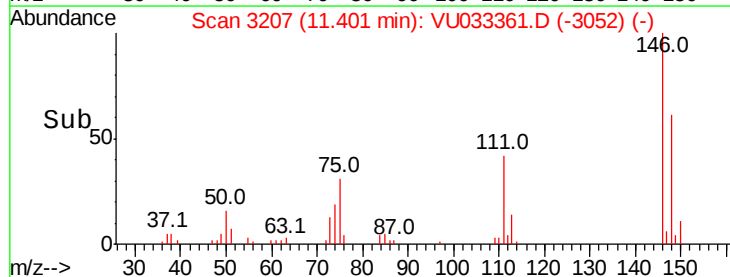
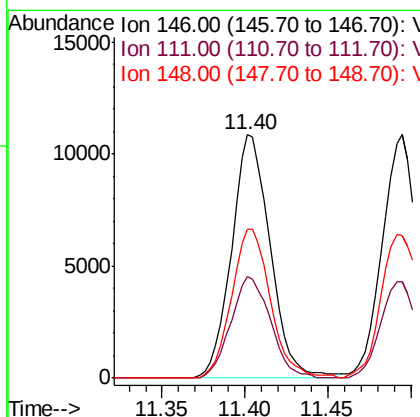
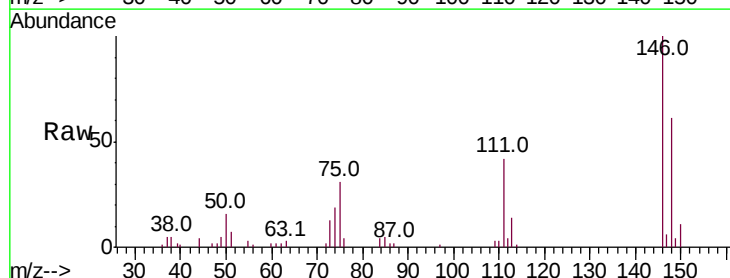
Manual Integrations  
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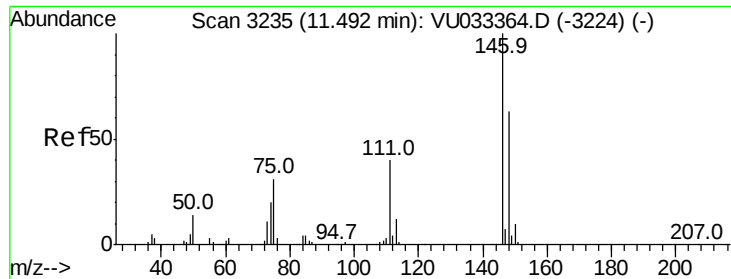
MMDadoda  
 7/23/2019 8:54:41 AM



#82  
 1,3-Dichlorobenzene  
 Concen: 0.967 ug/l  
 RT: 11.40 min Scan# 3207  
 Delta R.T. -0.00 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.6  | 33.3  | 49.9  |
| 148     | 61.6  | 50.8  | 76.2  |





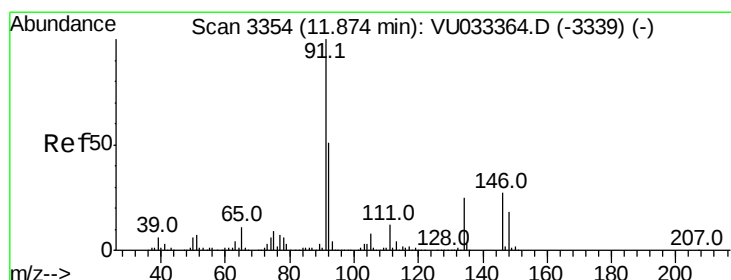
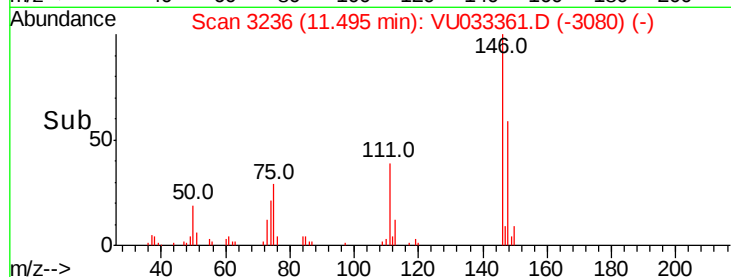
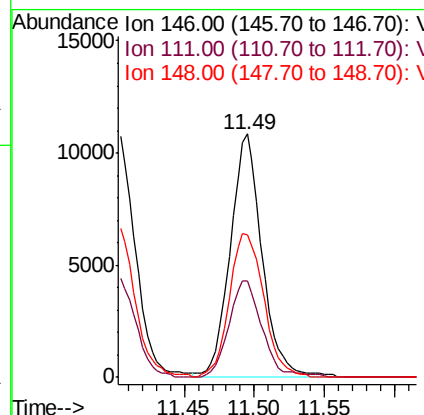
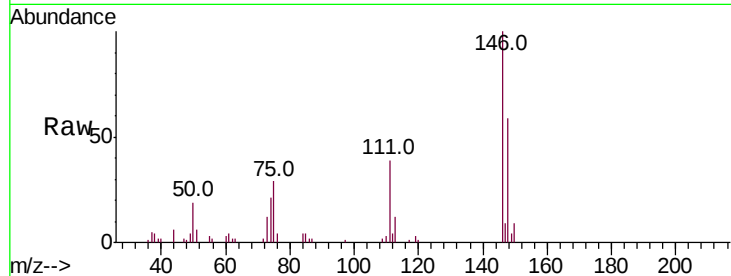
#83  
 1,4-Dichlorobenzene  
 Concen: 0.953 ug/l  
 RT: 11.49 min Scan# 3236  
 Delta R.T. 0.00 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.3  | 32.2  | 48.4  |
| 148     | 63.8  | 51.0  | 76.4  |

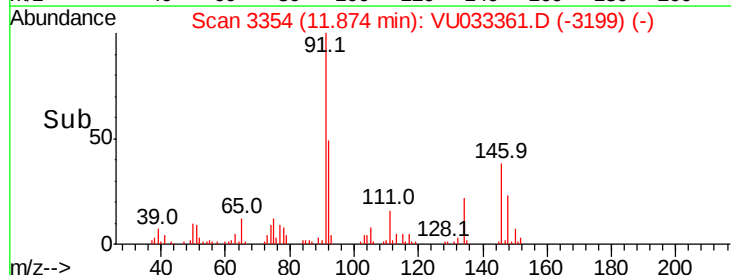
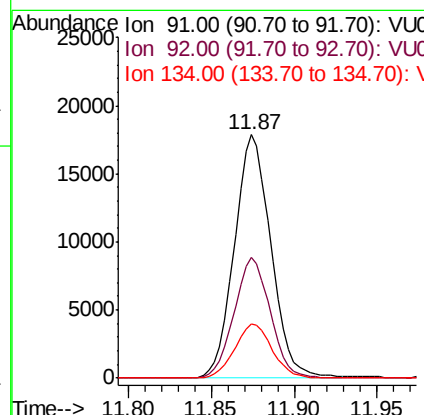
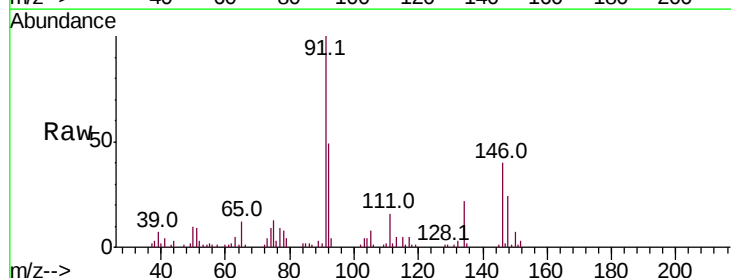
Manual Integrations  
 APPROVED

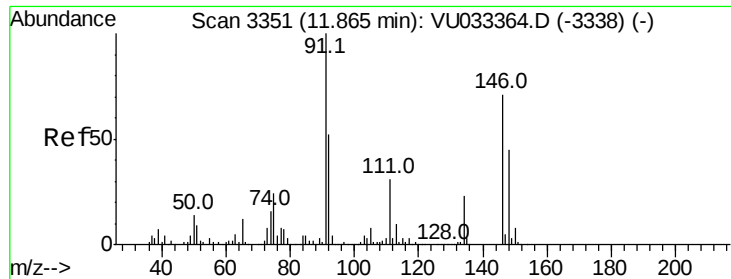
MMDadoda  
 7/23/2019 8:54:41 AM



#84  
 n-Butylbenzene  
 Concen: 0.868 ug/l  
 RT: 11.87 min Scan# 3354  
 Delta R.T. -0.00 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 48.6  | 41.0  | 61.6  |
| 134     | 22.6  | 19.5  | 29.3  |





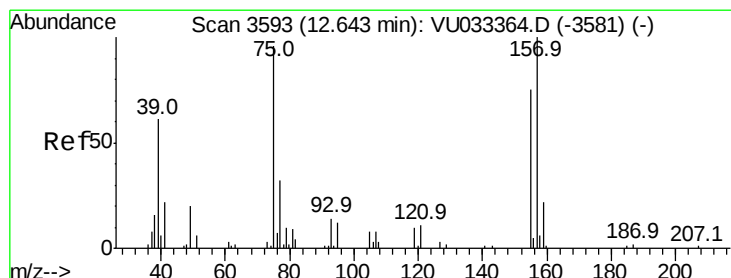
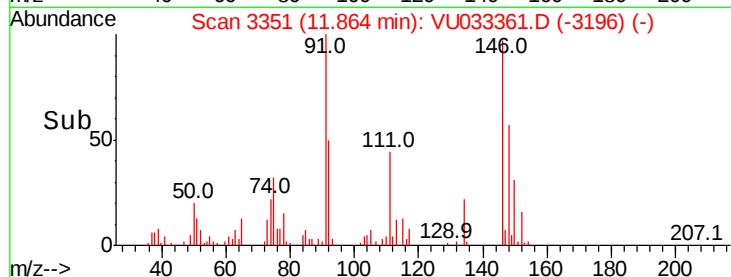
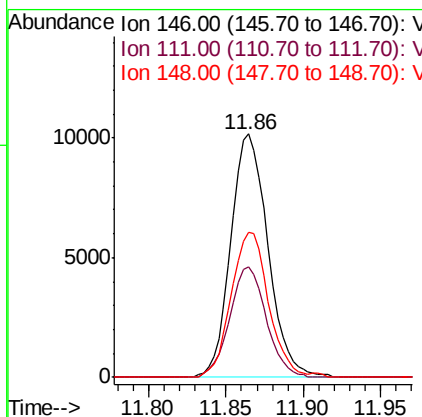
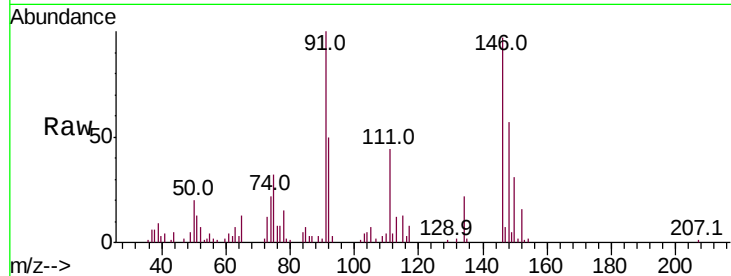
#85  
 1,2-Dichlorobenzene  
 Concen: 0.995 ug/l  
 RT: 11.86 min Scan# 3351  
 Delta R.T. -0.00 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

Instrument :  
 MSVOA\_U  
 ClientSampled :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.4  | 21.7  | 65.1  |
| 148     | 60.2  | 32.0  | 96.0  |

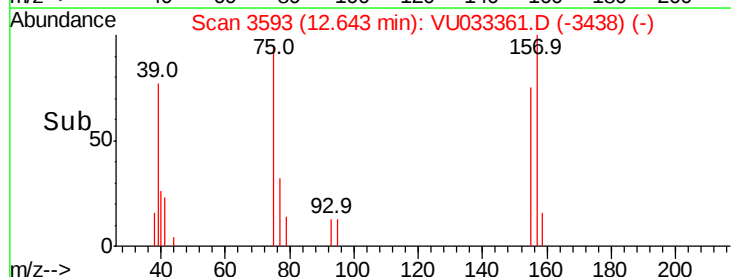
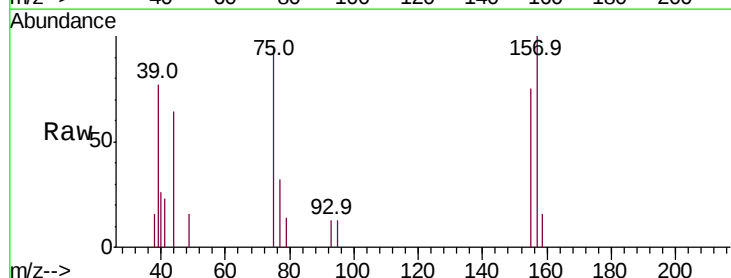
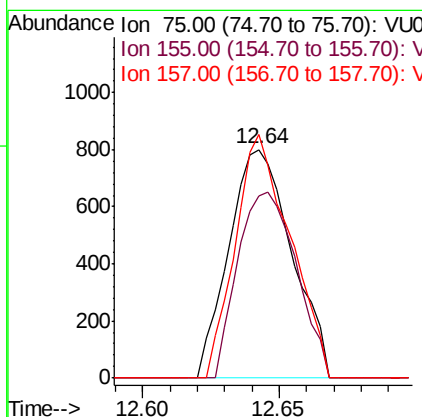
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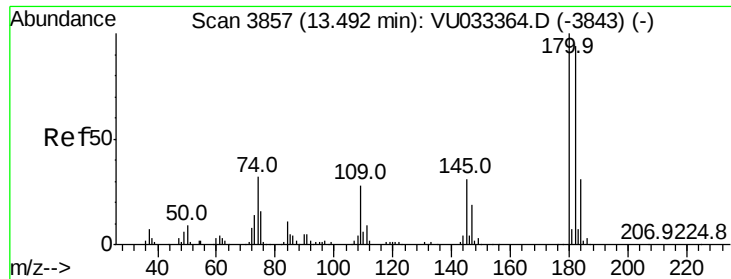
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#86  
 1,2-Dibromo-3-Chloropropane  
 Concen: 0.961 ug/l  
 RT: 12.64 min Scan# 3593  
 Delta R.T. -0.00 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 76.0  | 63.3  | 94.9  |
| 157     | 93.3  | 82.5  | 123.7 |





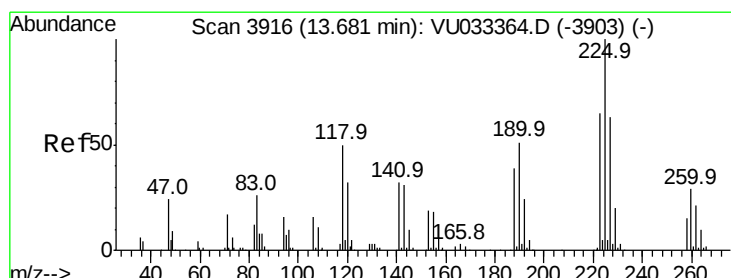
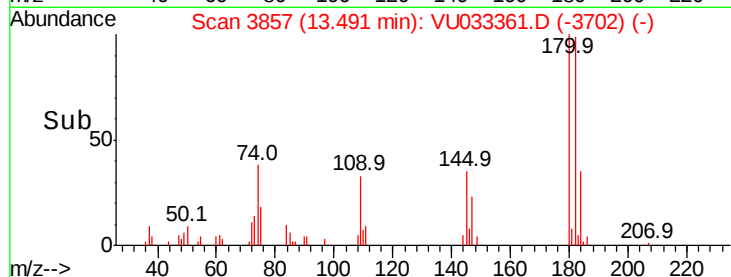
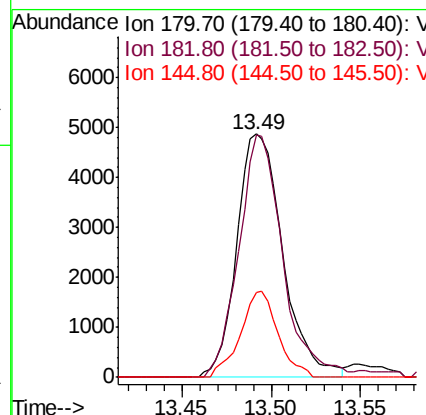
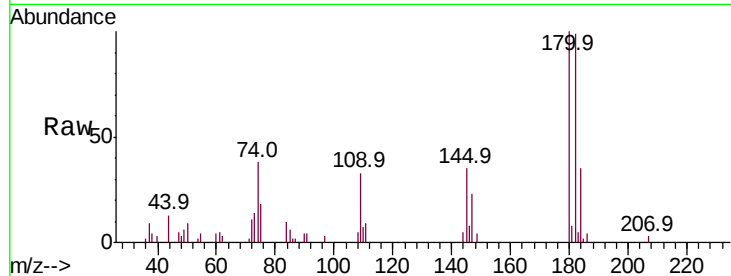
#87  
 1,2,4-Trichlorobenzene  
 Concen: 0.862 ug/l  
 RT: 13.49 min Scan# 3857  
 Delta R.T. -0.00 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 76.2  | 114.4 |
| 145     | 28.8  | 25.0  | 37.4  |

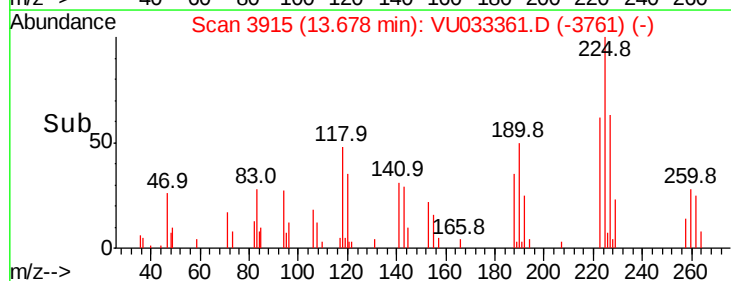
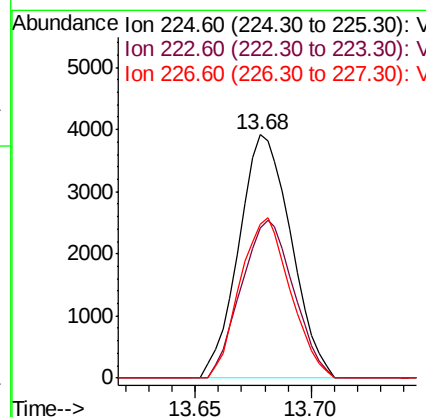
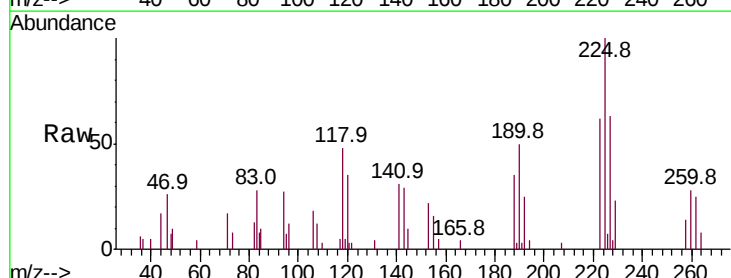
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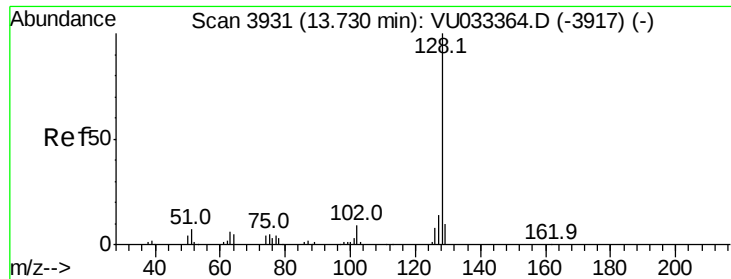
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#88  
 Hexachlorobutadiene  
 Concen: 0.983 ug/l  
 RT: 13.68 min Scan# 3915  
 Delta R.T. -0.00 min  
 Lab File: VU033361.D  
 Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.7  | 52.2  | 78.4  |
| 227     | 63.2  | 51.7  | 77.5  |





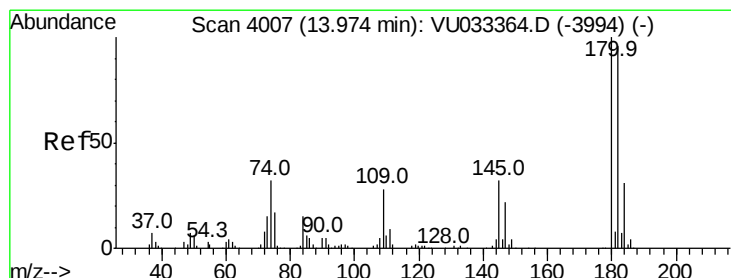
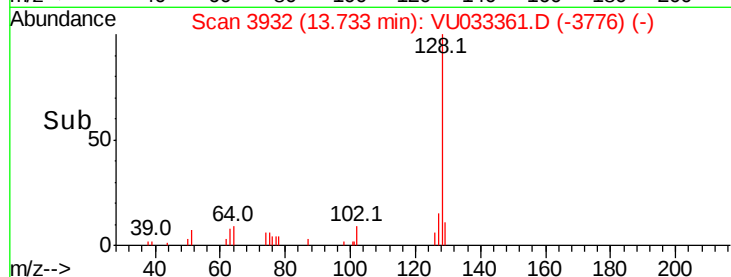
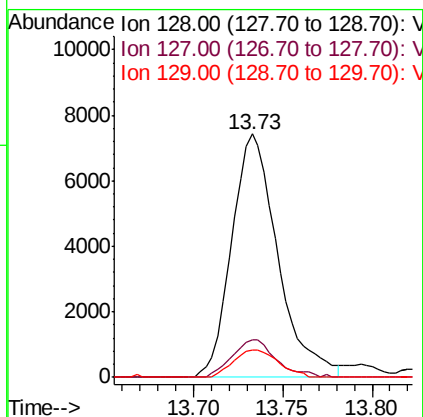
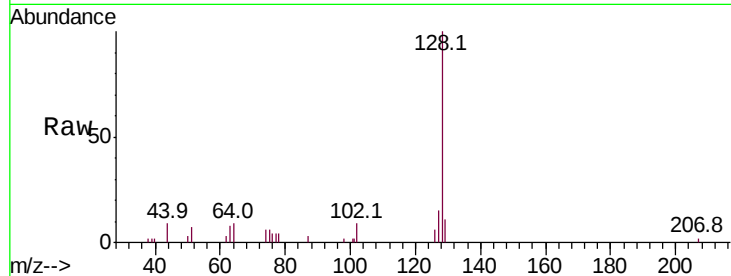
#89  
Naphthalene  
Concen: 0.756 ug/l  
RT: 13.73 min Scan# 3932  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC001

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 14.7  | 10.8  | 16.2  |
| 129     | 11.0  | 8.5   | 12.7  |

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#90  
1,2,3-Trichlorobenzene  
Concen: 0.889 ug/l  
RT: 13.98 min Scan# 4008  
Delta R.T. 0.00 min  
Lab File: VU033361.D  
Acq: 22 Jul 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.5  | 77.9  | 116.9 |
| 145     | 33.2  | 25.8  | 38.8  |

