

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020820\  
 Data File : VV014538.D  
 Acq On : 07 Feb 2020 14:56  
 Operator : SY/MD  
 Sample : MDL02  
 Misc : 5.0uL/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL02

Manual Integrations  
 APPROVED

MMDadoda  
 2/10/2020 11:56:45 AM

Quant Time: Feb 08 00:54:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SFAMVLM020620W.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Feb 08 00:03:07 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 347150   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 325793   | 50.00 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 163163   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 79692    | 42.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 84.66%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 57155    | 44.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 88.12%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 98255    | 34.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.74%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 143246   | 98.57    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 98.57%  |
| 24) Chloroform-d               | 4.40    | 84    | 204384   | 47.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.28%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 133618   | 51.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.06% |
| 32) Benzene-d6                 | 5.10    | 84    | 442880   | 49.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.18%  |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 135812   | 49.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.20%  |
| 41) Toluene-d8                 | 7.36    | 98    | 412335   | 49.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.28%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 72088    | 48.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 97.20%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 119180   | 101.27   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 101.27% |
| 56) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 180728   | 50.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 100.62% |
| 66) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 156848   | 50.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.24% |

## Target Compounds

|                                |      |     |       |              | Ovalue |
|--------------------------------|------|-----|-------|--------------|--------|
| 2) Dichlorodifluoromethane     | 1.14 | 85  | 6954  | 2.501 ug/L   | 100    |
| 3) Chloromethane               | 1.26 | 50  | 6707  | 2.382 ug/L   | 92     |
| 5) Vinyl chloride              | 1.32 | 62  | 5457  | 2.530 ug/L # | 76     |
| 6) Bromomethane                | 1.54 | 94  | 2543  | 2.564 ug/L   | 76     |
| 8) Chloroethane                | 1.60 | 64  | 2354  | 2.197 ug/L   | 96     |
| 9) Trichlorofluoromethane      | 1.77 | 101 | 7255  | 2.497 ug/L   | 95     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.14 | 101 | 4387  | 3.145 ug/L # | 83     |
| 12) 1,1-Dichloroethene         | 2.14 | 96  | 3996  | 2.995 ug/L # | 1      |
| 13) Acetone                    | 2.19 | 43  | 6540  | 5.375 ug/L   | 90     |
| 14) Carbon disulfide           | 2.32 | 76  | 15668 | 2.419 ug/L   | 96     |
| 15) Methyl Acetate             | 2.46 | 43  | 5294  | 2.263 ug/L   | 95     |
| 16) Methylene chloride         | 2.54 | 84  | 7285  | 2.875 ug/L   | 90     |
| 17) trans-1,2-Dichloroethene   | 2.79 | 96  | 5749  | 2.446 ug/L   | 97     |
| 18) Methyl tert-butyl Ether    | 2.80 | 73  | 18396 | 2.471 ug/L   | 96     |
| 19) 1,1-Dichloroethane         | 3.23 | 63  | 10173 | 2.420 ug/L   | 96     |
| 20) cis-1,2-Dichloroethene     | 3.96 | 96  | 6410  | 2.423 ug/L   | 90     |
| 22) 2-Butanone                 | 4.04 | 43  | 7245  | 4.026 ug/L   | 96     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020820\  
 Data File : VV014538.D  
 Acq On : 07 Feb 2020 14:56  
 Operator : SY/MD  
 Sample : MDL02  
 Misc : 5.0uL/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL02

Manual Integrations  
 APPROVED

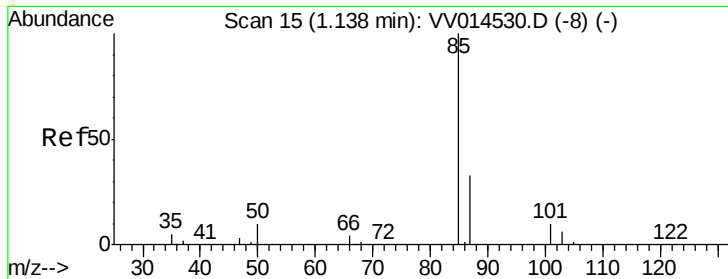
MMDadoda  
 2/10/2020 11:56:45 AM

Quant Time: Feb 08 00:54:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SFAMVLM020620W.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Feb 08 00:03:07 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 23) Bromochloromethane         | 4.31  | 128  | 3031     | 2.420 | ug/L   | 90       |
| 25) Chloroform                 | 4.42  | 83   | 17338    | 4.056 | ug/L   | 95       |
| 27) 1,2-Dichloroethane         | 5.19  | 62   | 7645     | 2.400 | ug/L   | 98       |
| 29) Cyclohexane                | 4.72  | 56   | 9672     | 2.415 | ug/L # | 77       |
| 30) 1,1,1-Trichloroethane      | 4.66  | 97   | 9770     | 2.628 | ug/L   | 99       |
| 31) Carbon tetrachloride       | 4.88  | 117  | 7964     | 2.428 | ug/L   | 96       |
| 33) Benzene                    | 5.15  | 78   | 24272    | 2.534 | ug/L   | 100      |
| 34) Trichloroethene            | 5.96  | 95   | 6408     | 2.524 | ug/L   | 85       |
| 35) Methylcyclohexane          | 6.17  | 83   | 9551     | 2.302 | ug/L   | 93       |
| 37) 1,2-Dichloropropane        | 6.22  | 63   | 6684     | 2.740 | ug/L # | 91       |
| 38) Bromodichloromethane       | 6.56  | 83   | 7839     | 2.394 | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene    | 7.07  | 75   | 9801     | 2.408 | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone       | 7.27  | 43   | 14835    | 4.705 | ug/L   | 98       |
| 42) Toluene                    | 7.43  | 91   | 26613    | 2.591 | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene  | 7.69  | 75   | 8987m    | 2.463 | ug/L   |          |
| 45) 1,1,2-Trichloroethane      | 7.88  | 97   | 5930     | 2.534 | ug/L   | 96       |
| 46) Tetrachloroethene          | 8.02  | 164  | 5181     | 2.675 | ug/L   | 93       |
| 48) 2-Hexanone                 | 8.18  | 43   | 12320    | 5.076 | ug/L # | 92       |
| 49) Dibromochloromethane       | 8.29  | 129  | 6556     | 2.481 | ug/L   | 95       |
| 50) 1,2-Dibromoethane          | 8.39  | 107  | 6433     | 2.538 | ug/L # | 92       |
| 51) Chlorobenzene              | 8.92  | 112  | 17774    | 2.650 | ug/L   | 96       |
| 52) Ethylbenzene               | 9.05  | 91   | 28819    | 2.502 | ug/L   | 95       |
| 53) m,p-Xylene                 | 9.18  | 106  | 11216    | 2.528 | ug/L   | 99       |
| 54) o-Xylene                   | 9.58  | 106  | 10532    | 2.480 | ug/L   | 96       |
| 55) Styrene                    | 9.60  | 104  | 17451    | 2.405 | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane  | 10.28 | 83   | 10697    | 2.916 | ug/L # | 98       |
| 59) Bromoform                  | 9.77  | 173  | 4315     | 2.371 | ug/L # | 98       |
| 60) Isopropylbenzene           | 9.97  | 105  | 27847    | 2.524 | ug/L   | 97       |
| 61) 1,2,3-Trichloropropane     | 10.31 | 75   | 7263     | 2.513 | ug/L   | 96       |
| 62) 1,3,5-Trimethylbenzene     | 10.58 | 105  | 22547    | 2.387 | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene     | 10.95 | 105  | 21987    | 2.361 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene        | 11.22 | 146  | 13310    | 2.557 | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene        | 11.31 | 146  | 13834    | 2.582 | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene        | 11.68 | 146  | 13537    | 2.683 | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropropan | 12.48 | 75   | 1969     | 2.433 | ug/L   | 92       |
| 69) 1,3,5-Trichlorobenzene     | 12.69 | 180  | 9048     | 2.468 | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene     | 13.31 | 180  | 8714     | 2.588 | ug/L   | 93       |
| 71) Naphthalene                | 13.55 | 128  | 26369    | 2.385 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene     | 13.79 | 180  | 7990     | 2.443 | ug/L   | 99       |

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





#2

Dichlorodifluoromethane

Concen: 2.501 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV014538.D

Acq: 07 Feb 2020 14:56

Instrument :

MSVOA\_V

ClientSampleId :

MDL02

Tot Ion: 85 Resp: 6954

Ion Ratio Lower Upper

85 100

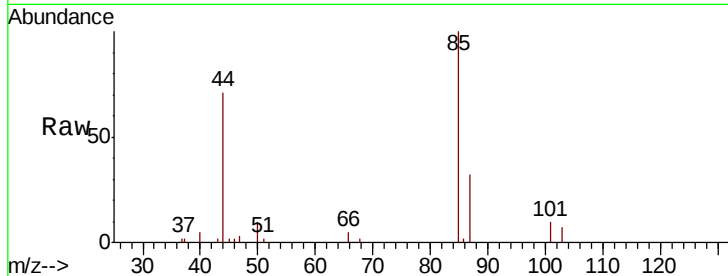
87 32.2 25.7 38.5

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Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

1.14

8000

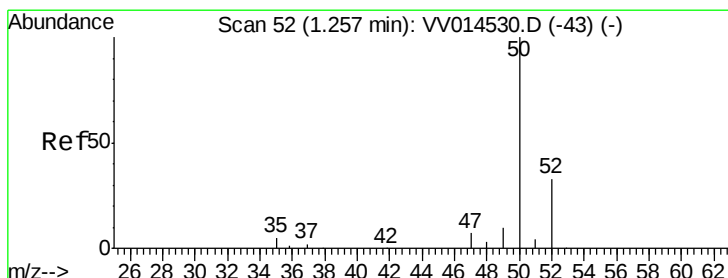
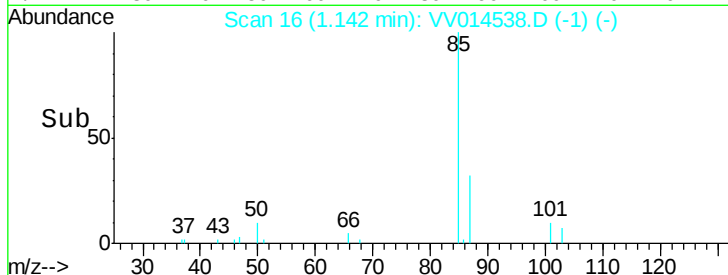
6000

4000

2000

0

Time-->



#3

Chloromethane

Concen: 2.382 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV014538.D

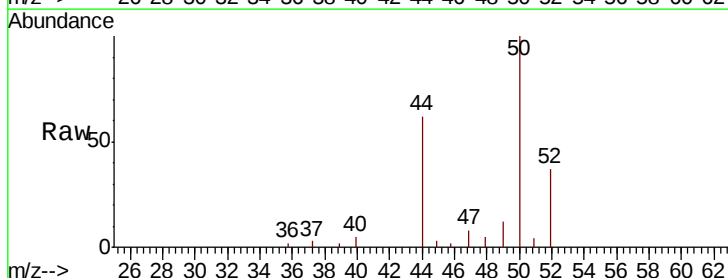
Acq: 07 Feb 2020 14:56

Tgt Ion: 50 Resp: 6707

Ion Ratio Lower Upper

50 100

52 37.2 22.9 42.5



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0

1.26

8000

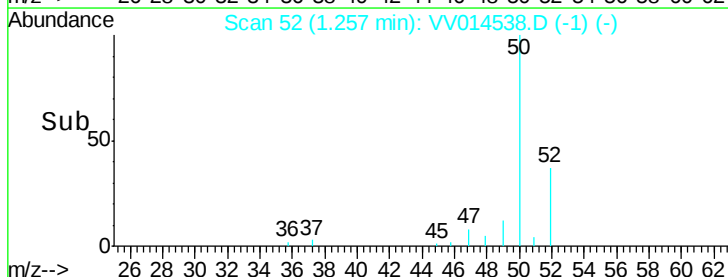
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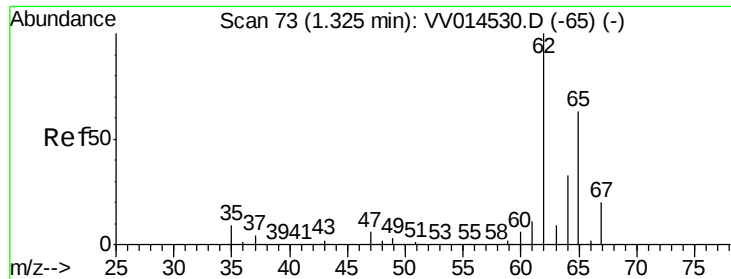
4000

2000

0

Time-->





#5

Vinyl chloride

Concen: 2.530 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV014538.D

Acq: 07 Feb 2020 14:56

Instrument :

MSVOA\_V

ClientSampled :

MDL02

Tot Ion: 62 Resp: 5457

Ion Ratio Lower Upper

62 100

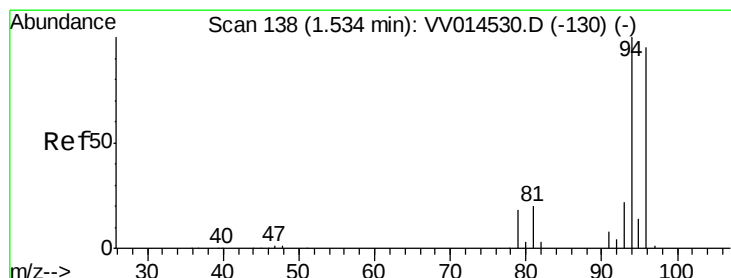
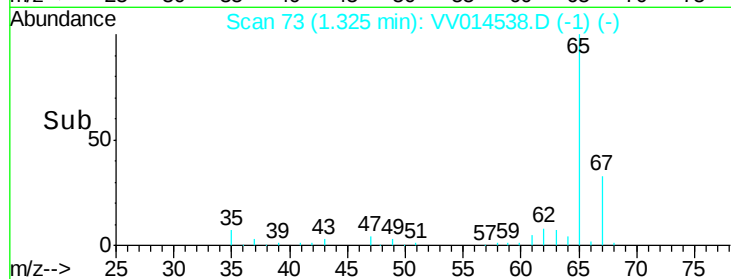
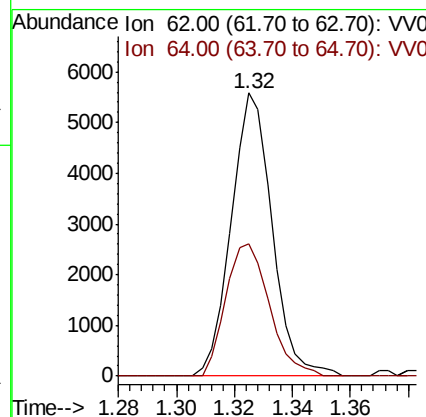
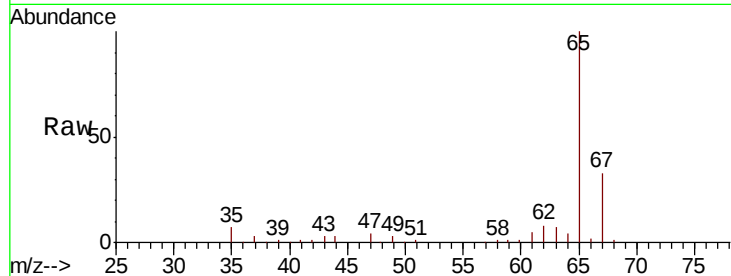
64 46.8 23.1 42.9#

Manual Integrations

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2/10/2020 11:56:45 AM



#6

Bromomethane

Concen: 2.564 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV014538.D

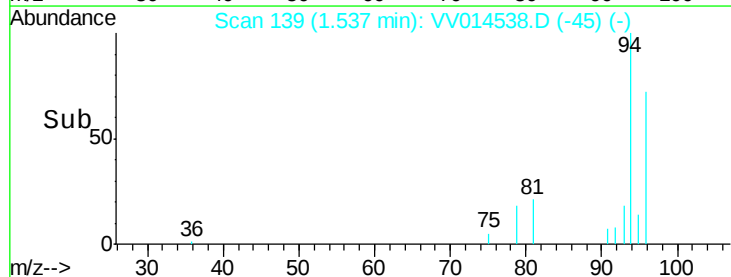
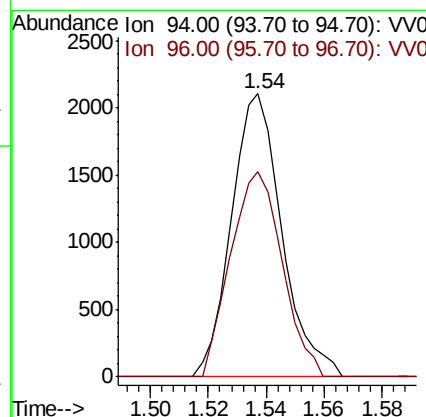
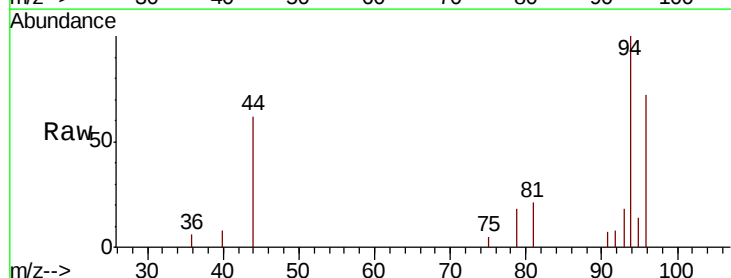
Acq: 07 Feb 2020 14:56

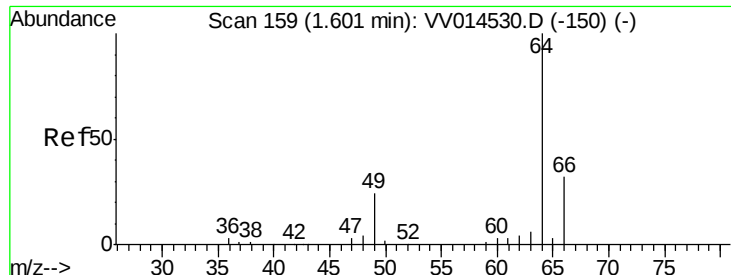
Tgt Ion: 94 Resp: 2543

Ion Ratio Lower Upper

94 100

96 72.4 67.3 124.9





#8

Chloroethane

Concen: 2.197 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV014538.D

Acq: 07 Feb 2020 14:56

Instrument :

MSVOA\_V

ClientSampleId :

MDL02

Tot Ion: 64 Resp: 2354

Ion Ratio Lower Upper

64 100

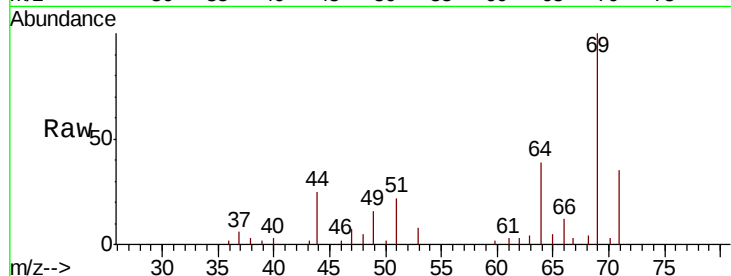
66 29.9 22.4 41.6

Manual Integrations

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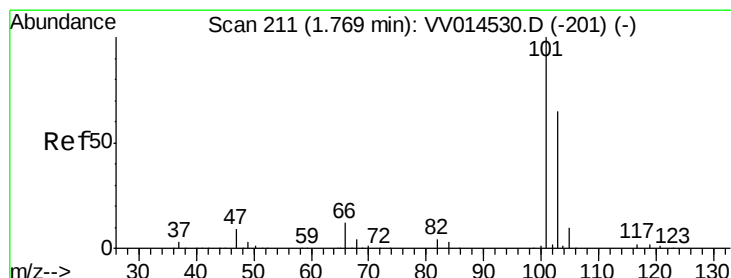
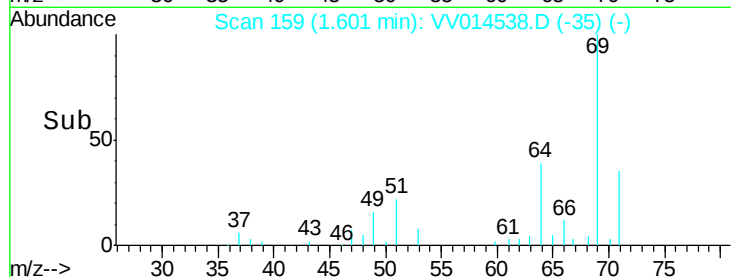
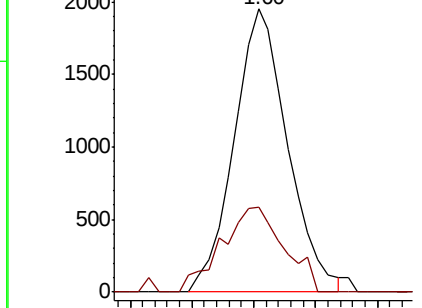
MMDadoda

2/10/2020 11:56:45 AM



Abundance Ion 64.00 (63.70 to 64.70): VV014538.D (-150) (-)

Ion 66.00 (65.70 to 66.70): VV014538.D (-150) (-)



#9

Trichlorofluoromethane

Concen: 2.497 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

Lab File: VV014538.D

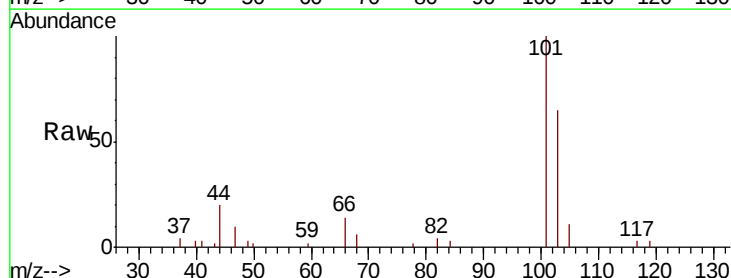
Acq: 07 Feb 2020 14:56

Tgt Ion: 101 Resp: 7255

Ion Ratio Lower Upper

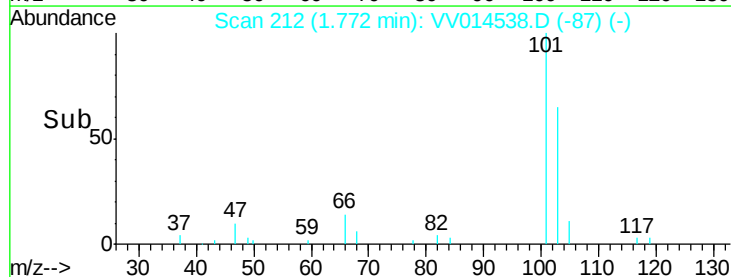
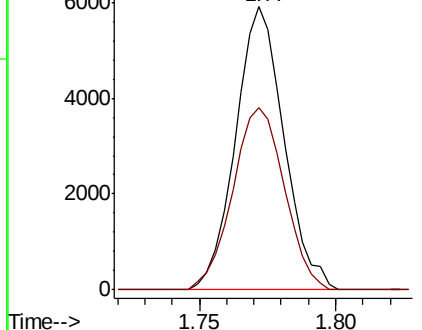
101 100

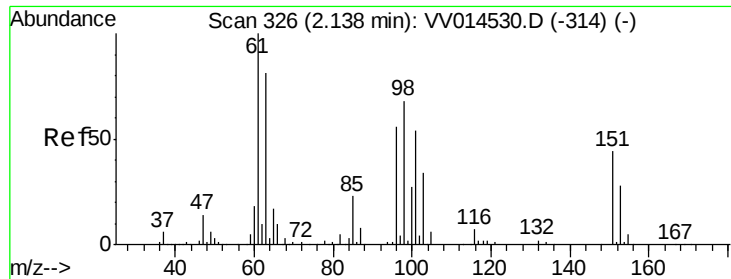
103 68.9 51.8 77.8



Abundance Ion 101.00 (100.70 to 101.70): VV014538.D (-201) (-)

Ion 103.00 (102.70 to 103.70): VV014538.D (-201) (-)





#10

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

Concen: 3.145 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV014538.D

Acq: 07 Feb 2020 14:56

Instrument :

MSVOA\_V

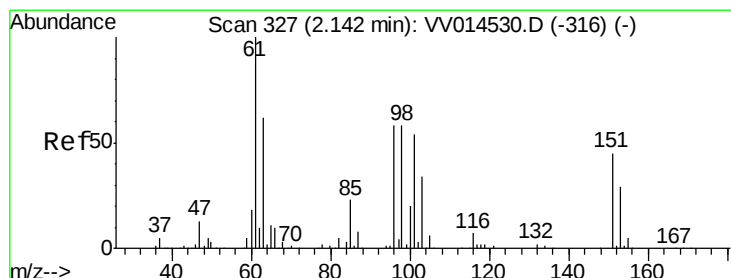
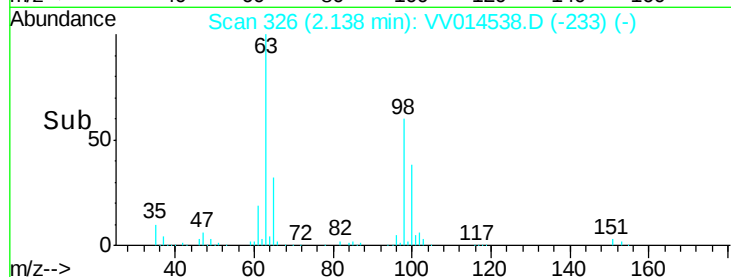
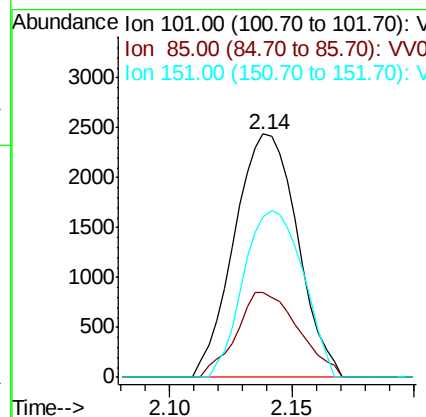
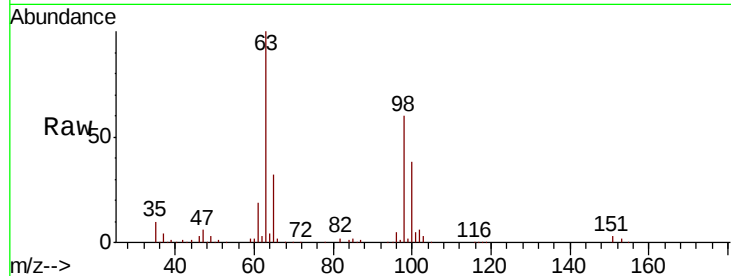
ClientSampleId :

MDL02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 101   | Resp: | 4387  |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 34.4  | 35.0  | 52.6# |
| 151      | 64.7  | 64.4  | 96.6  |

Manual Integrations  
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MMDadoda  
2/10/2020 11:56:45 AM



#12

1,1-Dichloroethene

Concen: 2.995 ug/L

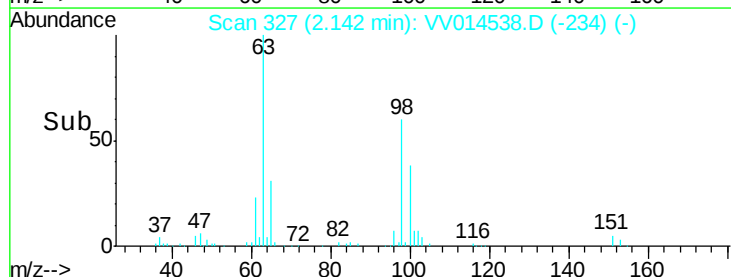
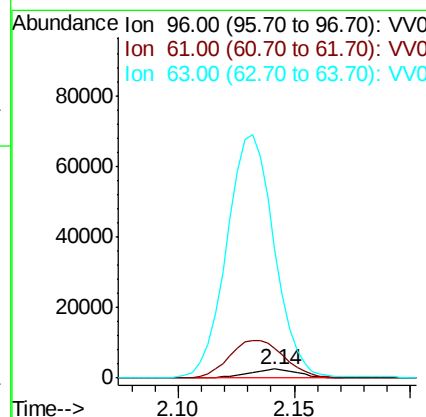
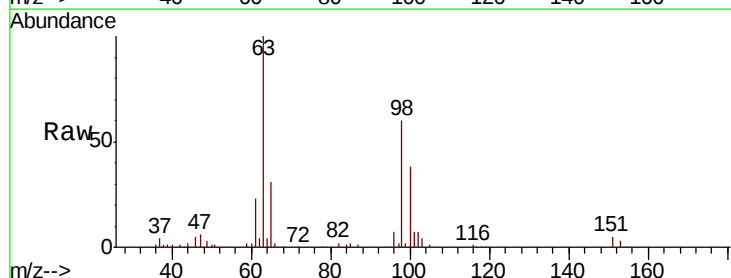
RT: 2.14 min Scan# 327

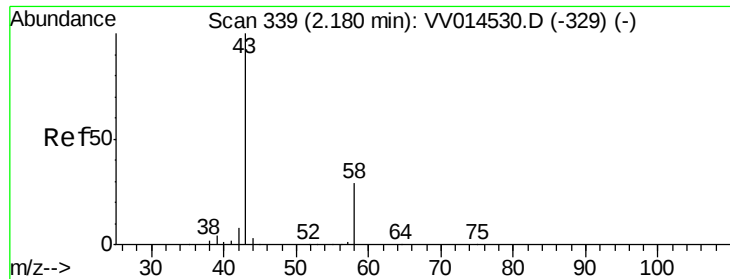
Delta R.T. 0.00 min

Lab File: VV014538.D

Acq: 07 Feb 2020 14:56

|          |        |       |        |
|----------|--------|-------|--------|
| Tgt Ion: | 96     | Resp: | 3996   |
| Ion      | Ratio  | Lower | Upper  |
| 96       | 100    |       |        |
| 61       | 335.8  | 125.0 | 232.2# |
| 63       | 1453.7 | 101.6 | 188.6# |





#13

Acetone

Concen: 5.375 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VV014538.D

Acq: 07 Feb 2020 14:56

Instrument :

MSVOA\_V

ClientSampled :

MDL02

Tot Ion: 43 Resp: 6540

Ion Ratio Lower Upper

43 100

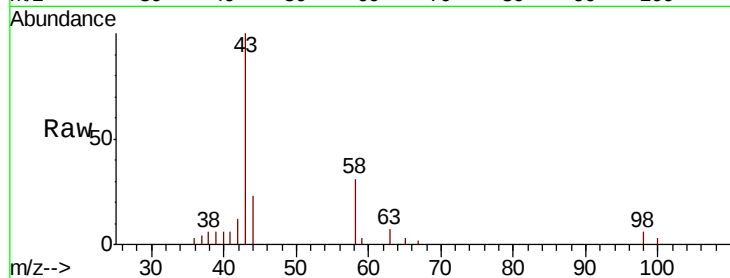
58 36.4 0.0 61.8

Manual Integrations

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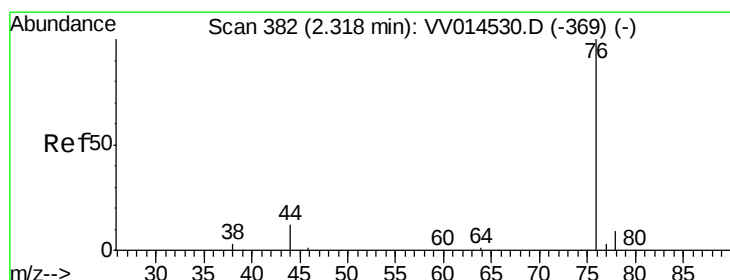
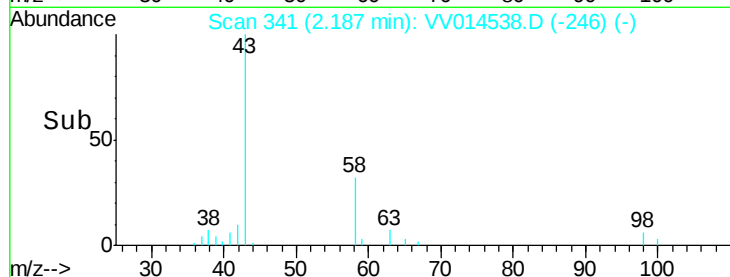
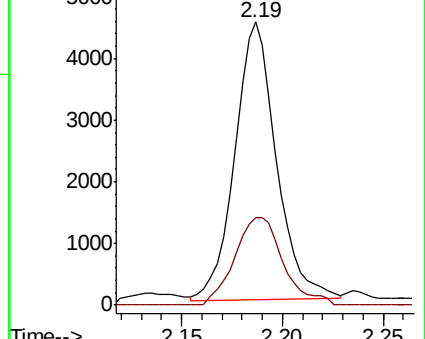
MMDadoda

2/10/2020 11:56:45 AM



Abundance Ion 43.00 (42.70 to 43.70): VV014538.D (-246) (-)

Ion 58.00 (57.70 to 58.70): VV014538.D (-246) (-)



#14

Carbon disulfide

Concen: 2.419 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV014538.D

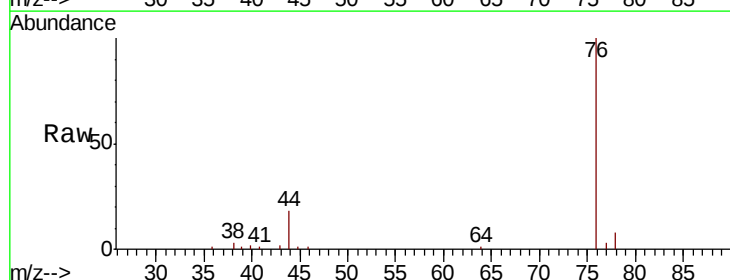
Acq: 07 Feb 2020 14:56

Tgt Ion: 76 Resp: 15668

Ion Ratio Lower Upper

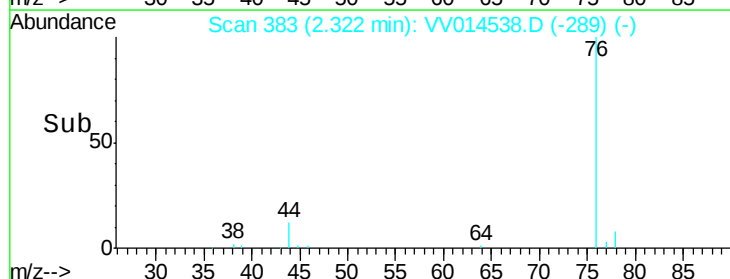
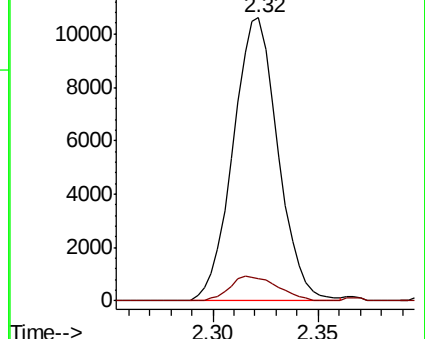
76 100

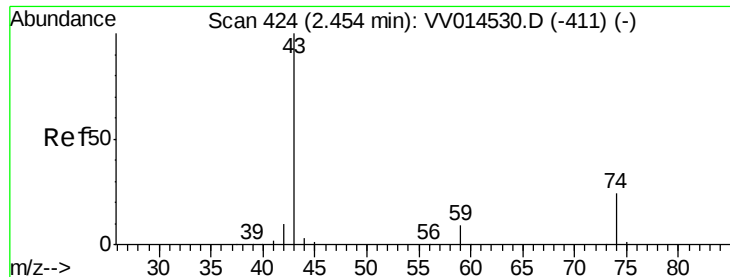
78 7.8 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VV014538.D (-289) (-)

Ion 78.00 (77.70 to 78.70): VV014538.D (-289) (-)





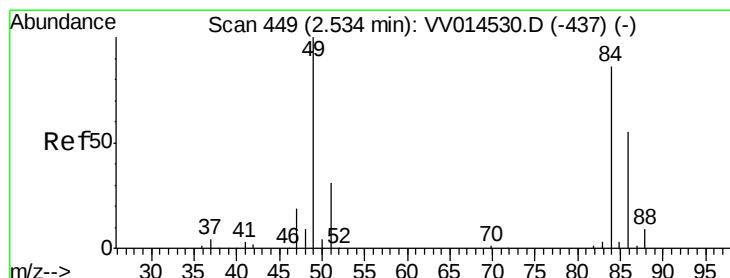
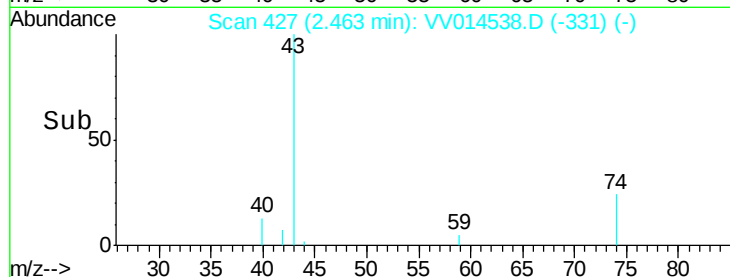
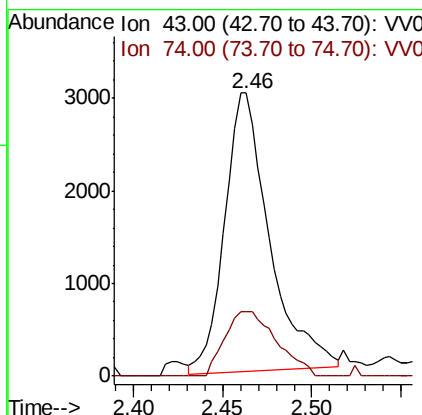
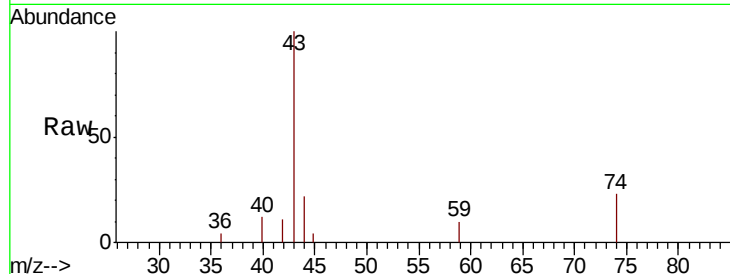
#15  
Methvl Acetate  
Concen: 2.263 ug/L  
RT: 2.46 min Scan# 427  
Delta R.T. 0.01 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL02

Tot Ion: 43 Resp: 5294  
Ion Ratio Lower Upper  
43 100  
74 26.7 19.4 29.0

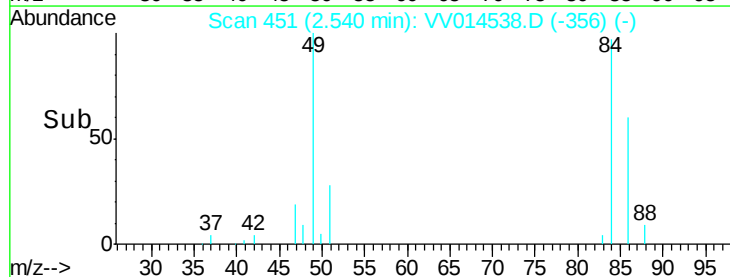
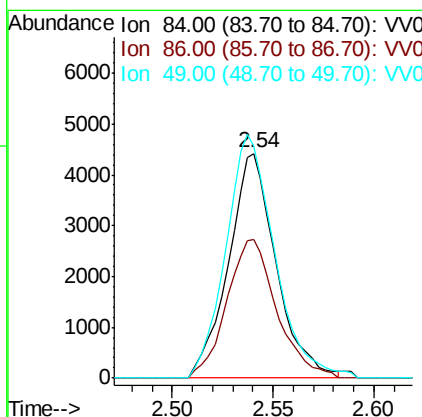
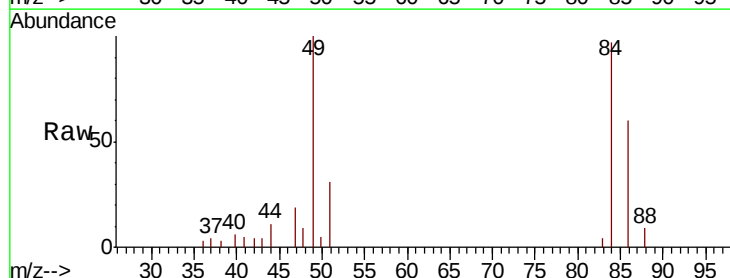
Manual Integrations  
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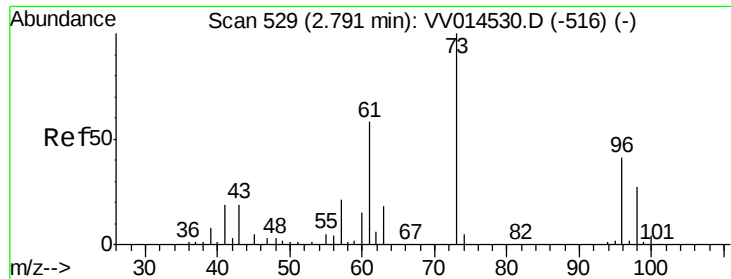
MMDadoda  
2/10/2020 11:56:45 AM



#16  
Methylene chloride  
Concen: 2.875 ug/L  
RT: 2.54 min Scan# 451  
Delta R.T. 0.01 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

Tgt Ion: 84 Resp: 7285  
Ion Ratio Lower Upper  
84 100  
86 61.7 44.6 82.8  
49 103.0 83.2 154.4





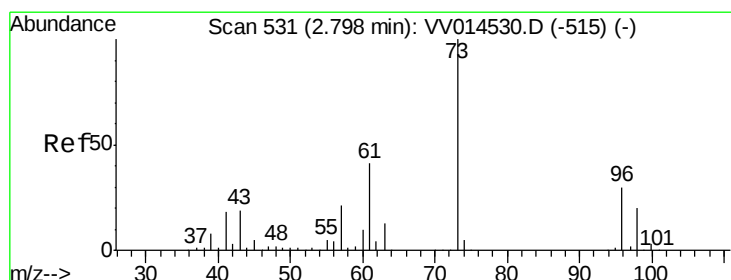
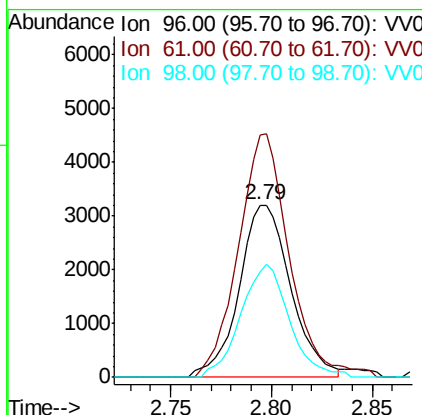
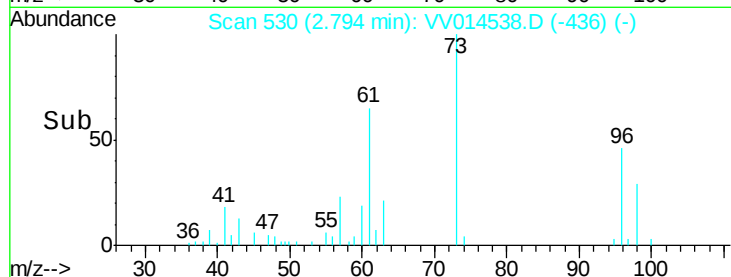
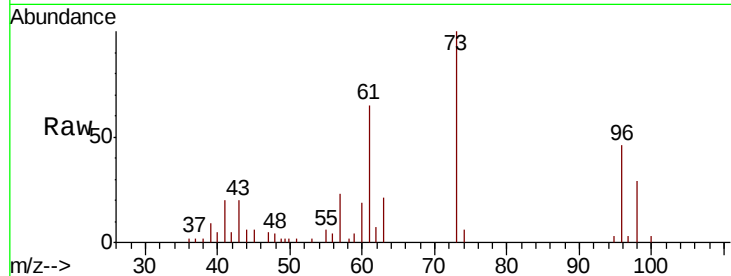
#17  
trans-1,2-Dichloroethene  
Concen: 2.446 ug/L  
RT: 2.79 min Scan# 530  
Delta R.T. 0.00 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 140.6 | 95.8  | 178.0 |
| 98      | 61.4  | 45.1  | 83.7  |

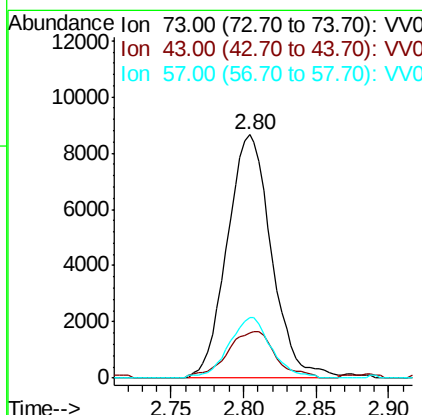
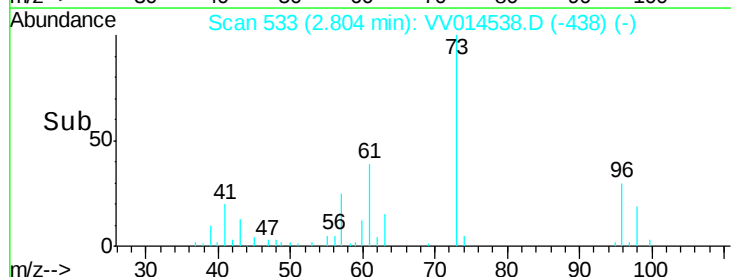
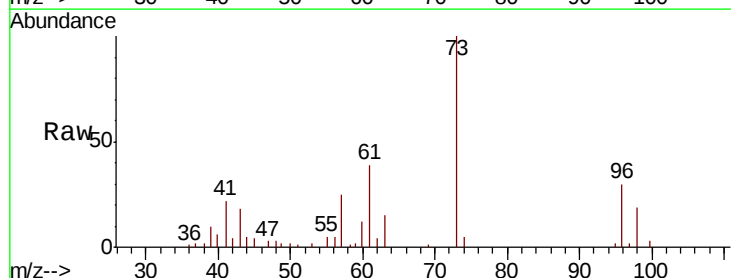
Manual Integrations  
APPROVED

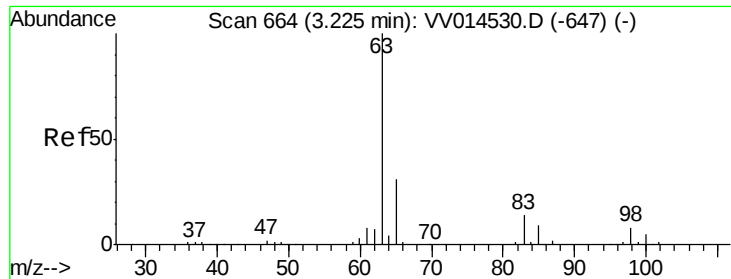
MMDadoda  
2/10/2020 11:56:45 AM



#18  
Methyl tert-butyl Ether  
Concen: 2.471 ug/L  
RT: 2.80 min Scan# 533  
Delta R.T. 0.01 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 43      | 21.0  | 14.9  | 22.3  |
| 57      | 23.5  | 17.5  | 26.3  |





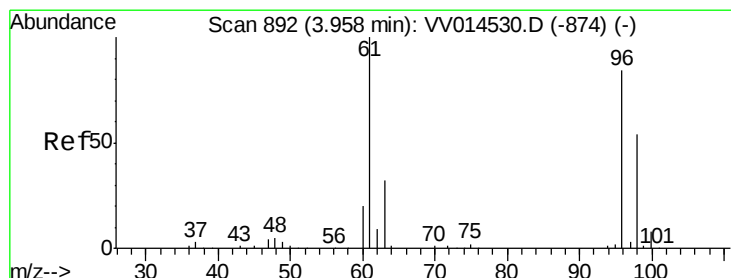
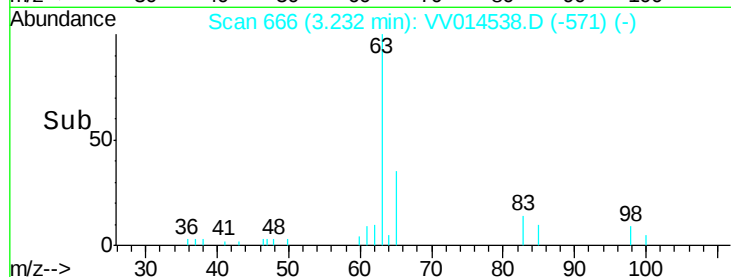
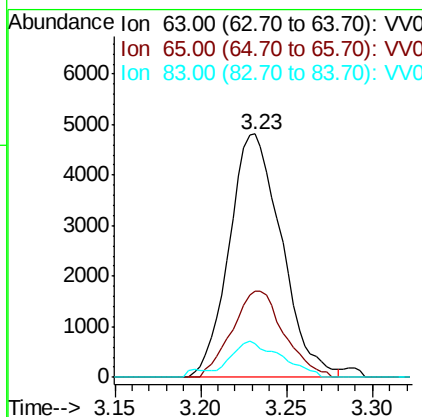
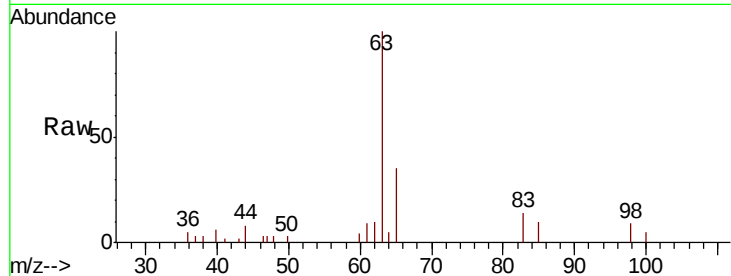
#19  
 1,1-Dichloroethane  
 Concen: 2.420 ug/L  
 RT: 3.23 min Scan# 666  
 Delta R.T. 0.01 min  
 Lab File: VV014538.D  
 Acq: 07 Feb 2020 14:56

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 35.5  | 22.5  | 41.7  |
| 83      | 13.8  | 9.7   | 18.1  |

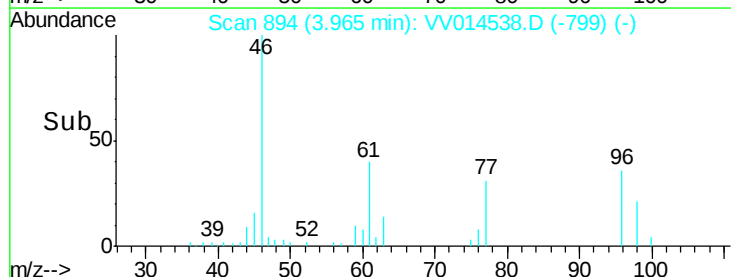
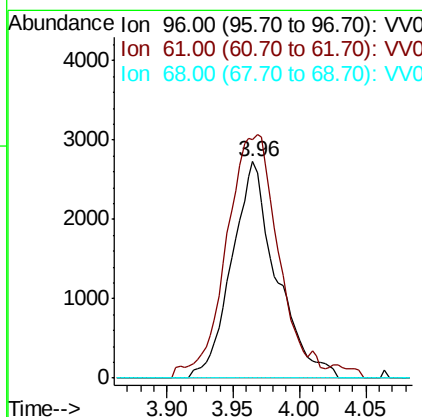
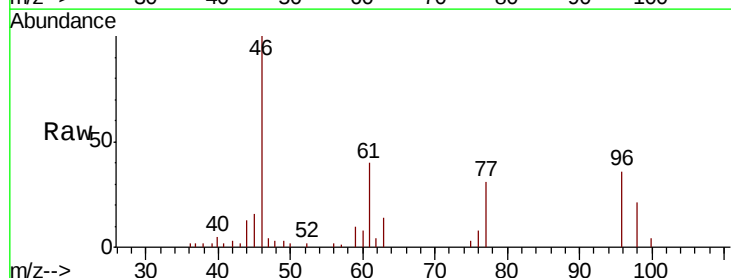
Manual Integrations  
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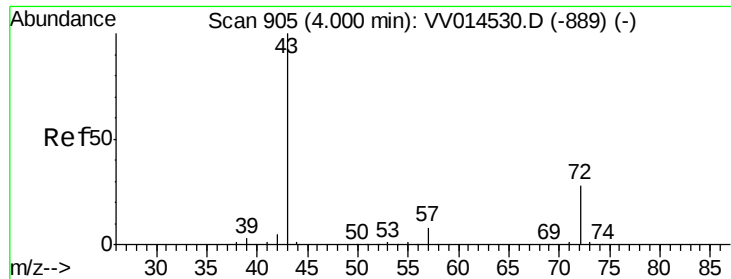
MMDadoda  
 2/10/2020 11:56:45 AM



#20  
 cis-1,2-Dichloroethene  
 Concen: 2.423 ug/L  
 RT: 3.96 min Scan# 894  
 Delta R.T. 0.01 min  
 Lab File: VV014538.D  
 Acq: 07 Feb 2020 14:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 110.3 | 85.2  | 158.2 |
| 68      | 0.0   | 0.0   | 0.0   |





#22

2-Butanone

Concen: 4.026 ug/L

RT: 4.04 min Scan# 916

Delta R.T. 0.04 min

Lab File: VV014538.D

Acq: 07 Feb 2020 14:56

Instrument :

MSVOA\_V

ClientSampled :

MDL02

Tot Ion: 43 Resp: 7245

Ion Ratio Lower Upper

43 100

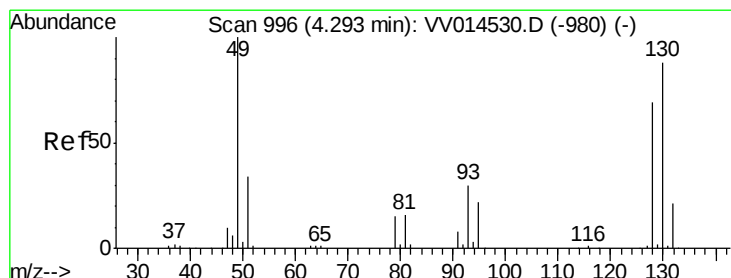
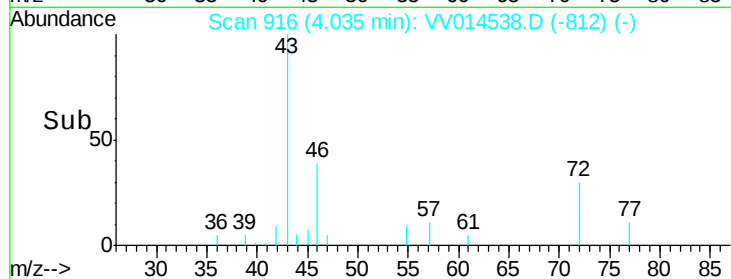
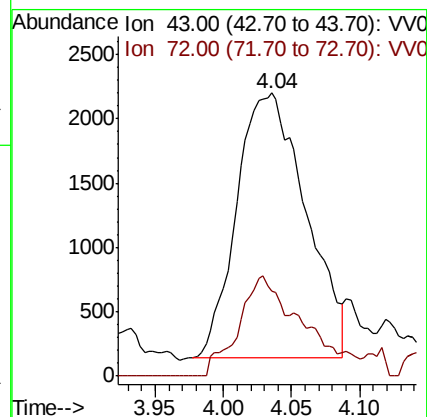
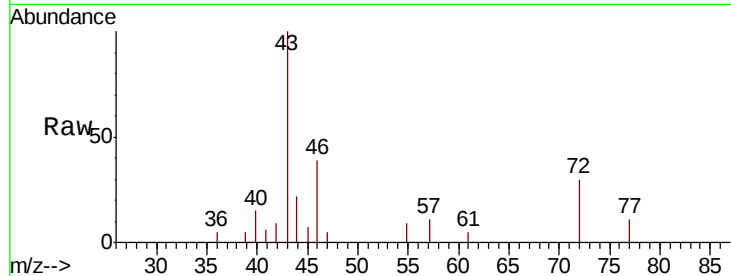
72 23.6 12.7 38.1

Manual Integrations

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MMDadoda

2/10/2020 11:56:45 AM



#23

Bromochloromethane

Concen: 2.420 ug/L

RT: 4.31 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VV014538.D

Acq: 07 Feb 2020 14:56

Tgt Ion: 128 Resp: 3031

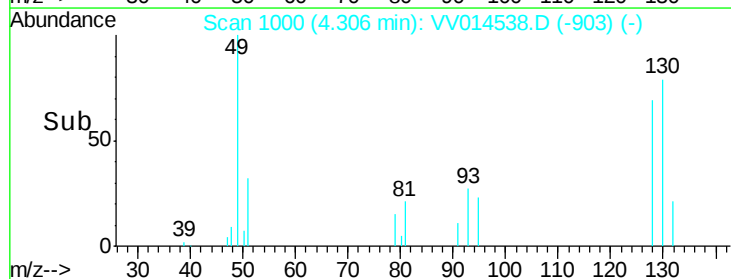
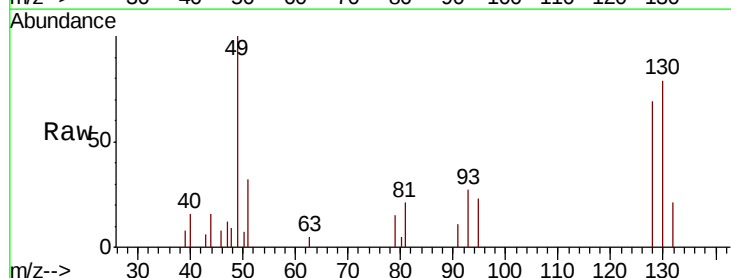
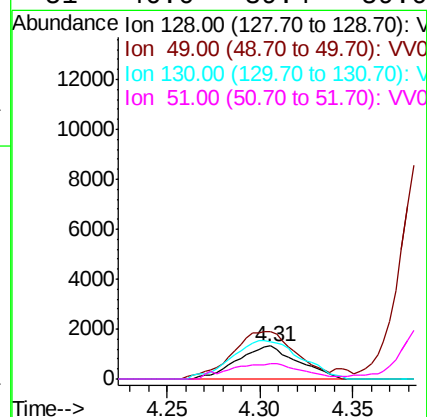
Ion Ratio Lower Upper

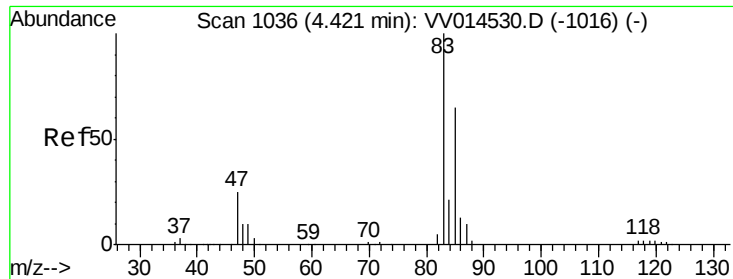
128 100

49 144.0 110.1 204.5

130 113.4 88.5 164.4

51 46.0 39.4 59.0





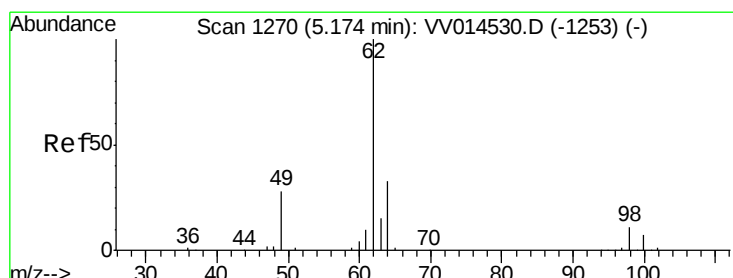
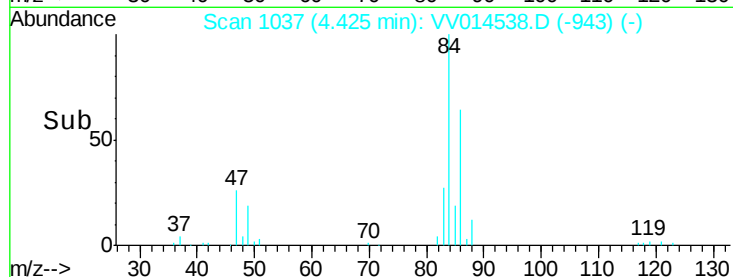
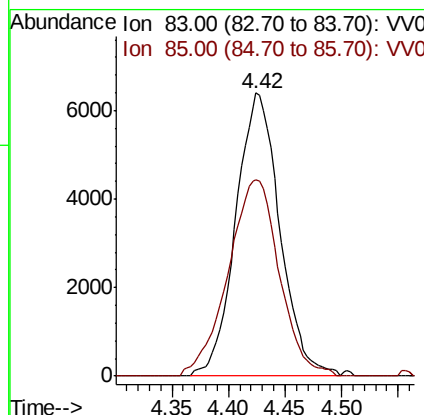
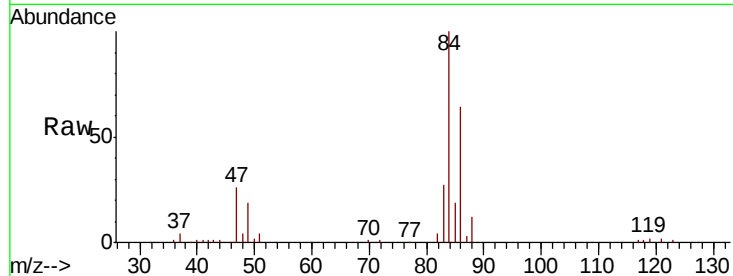
#25  
Chloroform  
Concen: 4.056 ug/L  
RT: 4.42 min Scan# 1037  
Delta R.T. 0.00 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL02

| Tot Ion | 83  | 85   | Resp | Lower | Upper |
|---------|-----|------|------|-------|-------|
| 17338   | 100 | 69.4 |      | 45.8  | 85.0  |

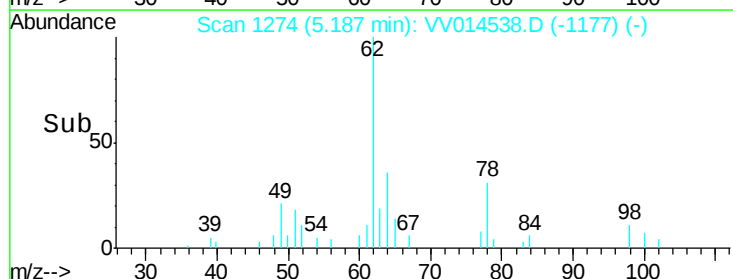
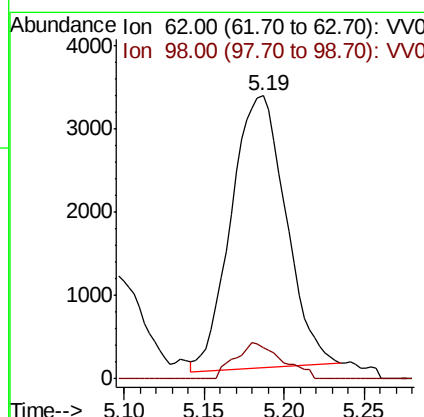
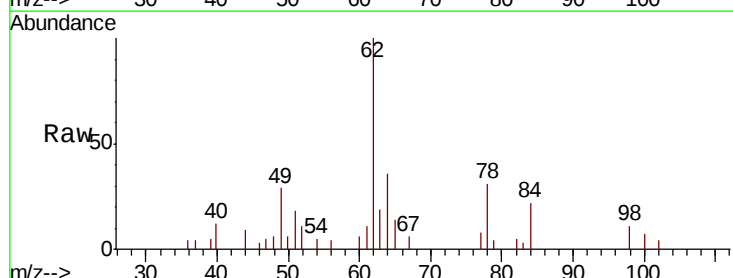
Manual Integrations  
APPROVED

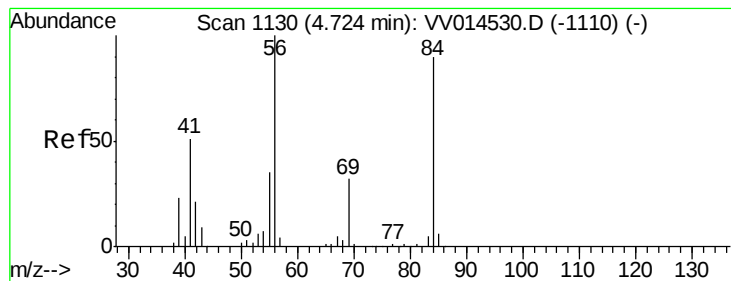
MMDadoda  
2/10/2020 11:56:45 AM



#27  
1,2-Dichloroethane  
Concen: 2.400 ug/L  
RT: 5.19 min Scan# 1274  
Delta R.T. 0.01 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

| Tgt Ion | 62  | 98   | Resp | Lower | Upper |
|---------|-----|------|------|-------|-------|
| 7645    | 100 | 11.1 |      | 8.2   | 12.4  |





#29

Cyclohexane

Concen: 2.415 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. 0.00 min

Lab File: VV014538.D

Acq: 07 Feb 2020 14:56

Instrument :

MSVOA\_V

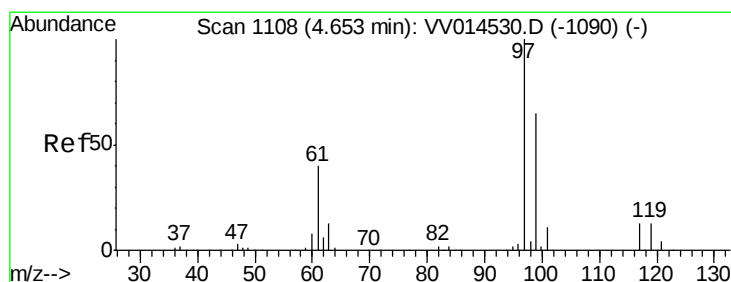
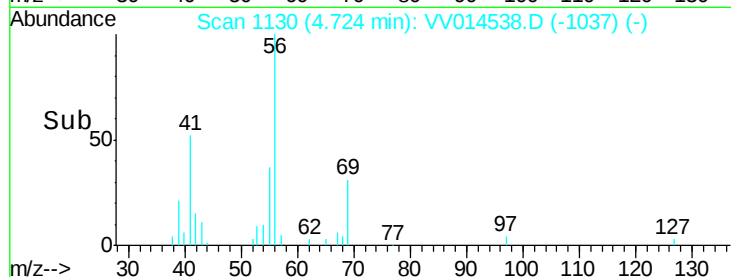
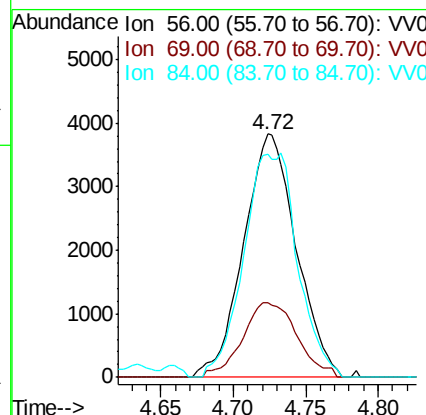
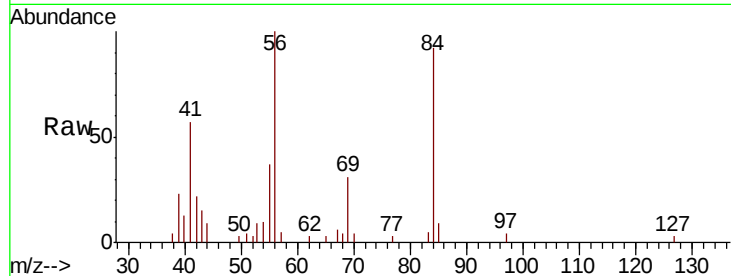
ClientSampled :

MDL02

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 9672   |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 31.4  | 25.2  | 37.8   |
| 84       | 59.0  | 69.8  | 104.8# |

Manual Integrations  
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MMDadoda  
2/10/2020 11:56:45 AM



#30

1,1,1-Trichloroethane

Concen: 2.628 ug/L

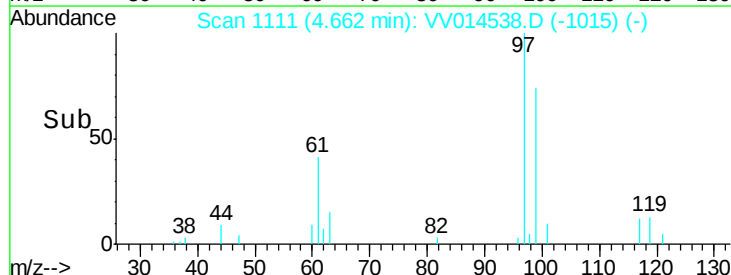
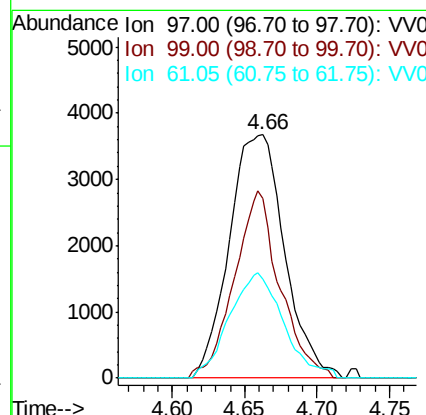
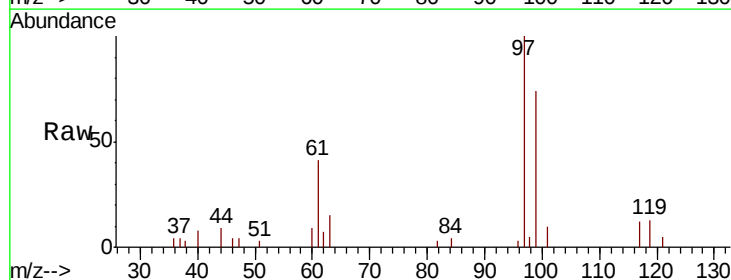
RT: 4.66 min Scan# 1111

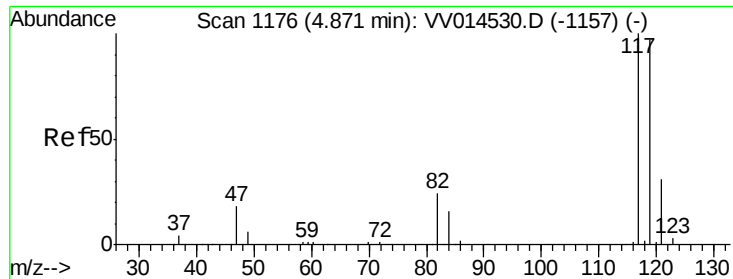
Delta R.T. 0.01 min

Lab File: VV014538.D

Acq: 07 Feb 2020 14:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 9770  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 63.2  | 50.6  | 76.0  |
| 61       | 42.4  | 33.0  | 49.4  |





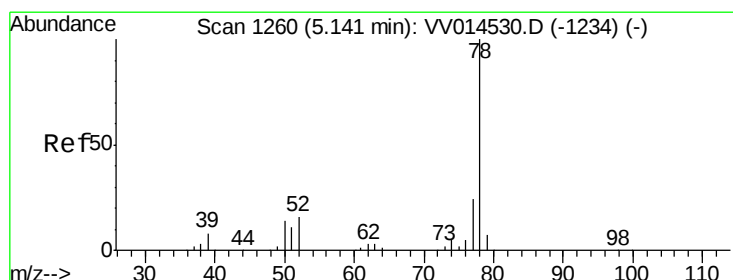
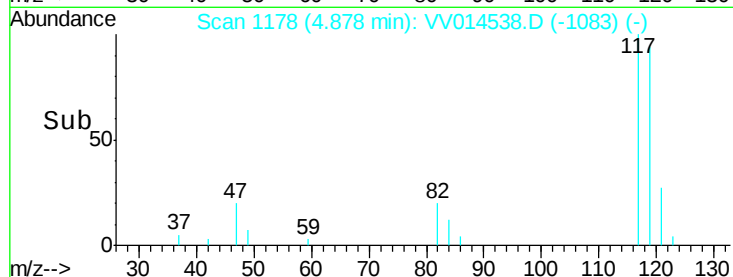
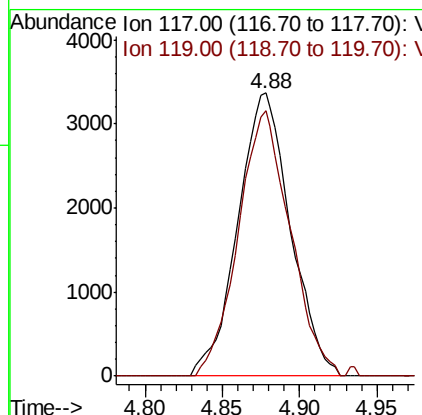
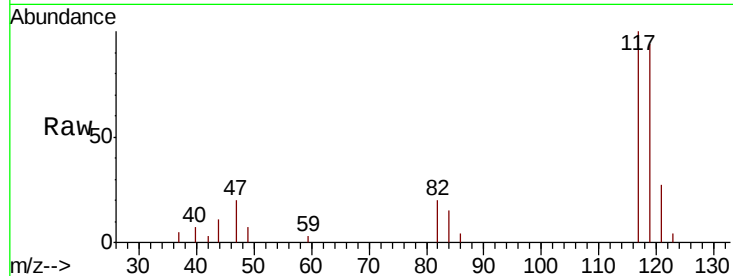
#31  
Carbon tetrachloride  
Concen: 2.428 ug/L  
RT: 4.88 min Scan# 1178  
Delta R.T. 0.01 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL02

Tot Ion:117 Resp: 7964  
Ion Ratio Lower Upper  
117 100  
119 92.4 76.7 115.1

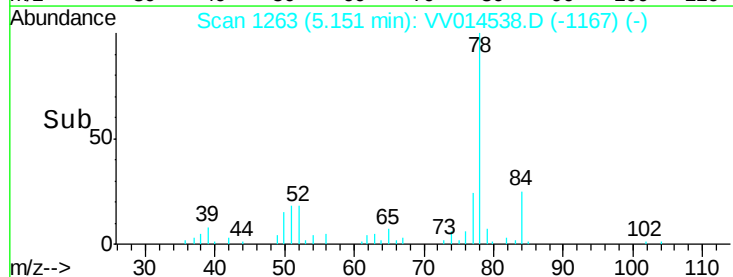
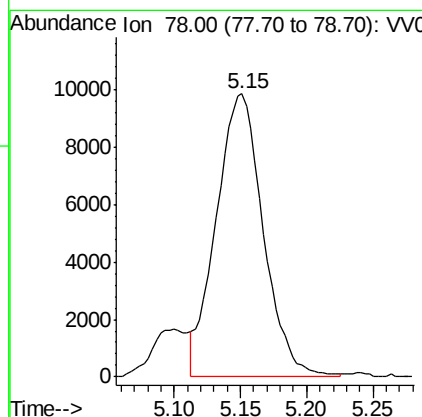
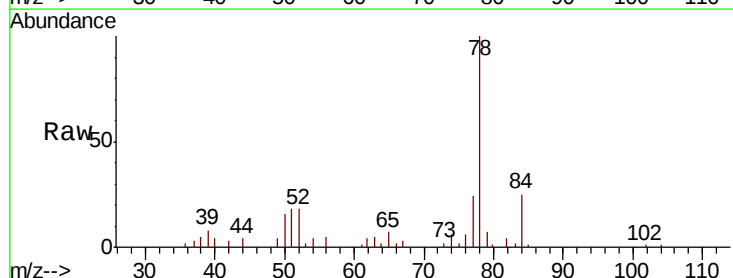
Manual Integrations  
APPROVED

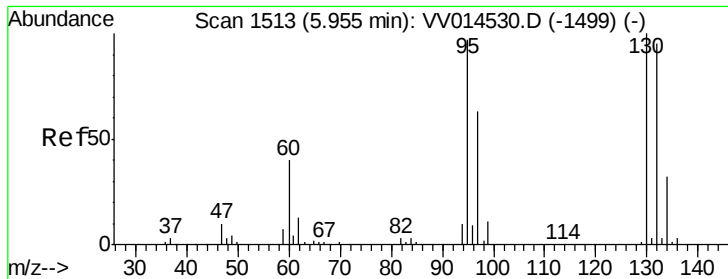
MMDadoda  
2/10/2020 11:56:45 AM



#33  
Benzene  
Concen: 2.534 ug/L  
RT: 5.15 min Scan# 1263  
Delta R.T. 0.01 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

Tgt Ion: 78 Resp: 24272





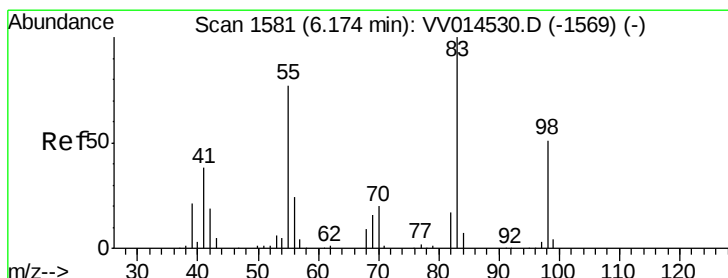
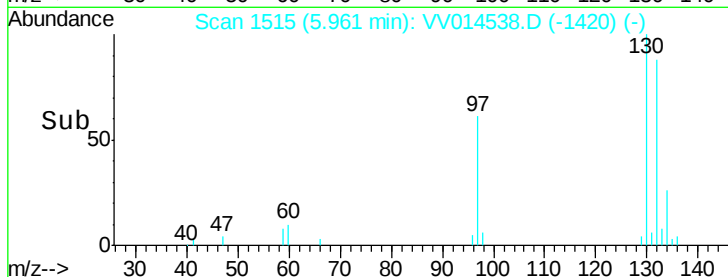
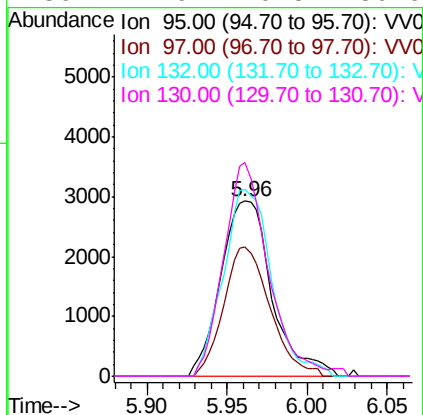
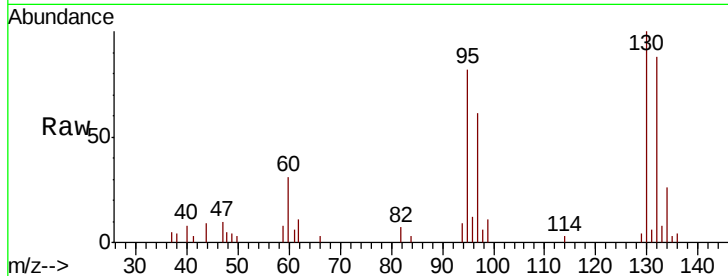
#34  
 Trichloroethene  
 Concen: 2.524 ug/L  
 RT: 5.96 min Scan# 1515  
 Delta R.T. 0.01 min  
 Lab File: VV014538.D  
 Acq: 07 Feb 2020 14:56

Instrument :  
 MSVOA\_V  
 ClientSampled :  
 MDL02

Tot Ion: 95 Resp: 6408  
 Ion Ratio Lower Upper  
 95 100  
 97 74.0 45.1 83.7  
 132 107.0 67.7 125.7  
 130 121.9 70.5 130.9

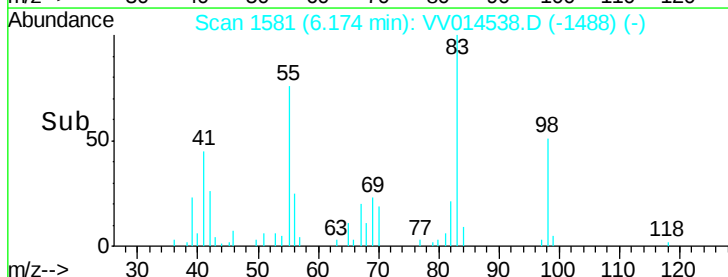
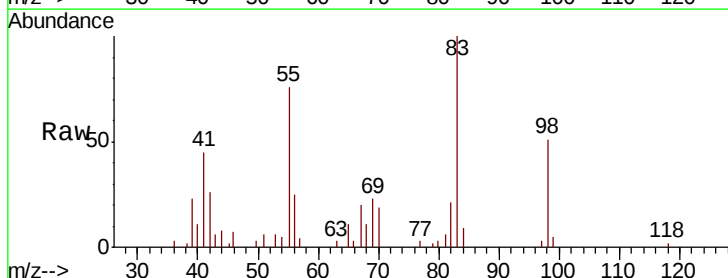
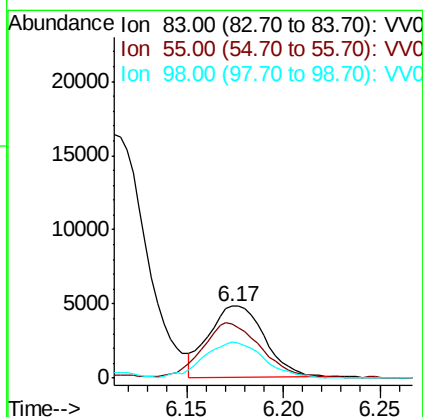
Manual Integrations  
 APPROVED

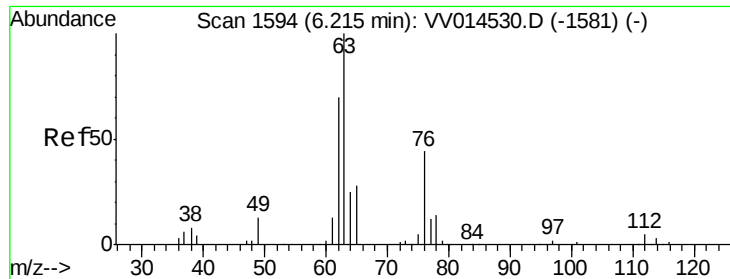
MMDadoda  
 2/10/2020 11:56:45 AM



#35  
 Methylcyclohexane  
 Concen: 2.302 ug/L  
 RT: 6.17 min Scan# 1581  
 Delta R.T. 0.00 min  
 Lab File: VV014538.D  
 Acq: 07 Feb 2020 14:56

Tgt Ion: 83 Resp: 9551  
 Ion Ratio Lower Upper  
 83 100  
 55 82.5 60.7 91.1  
 98 53.1 39.4 59.0





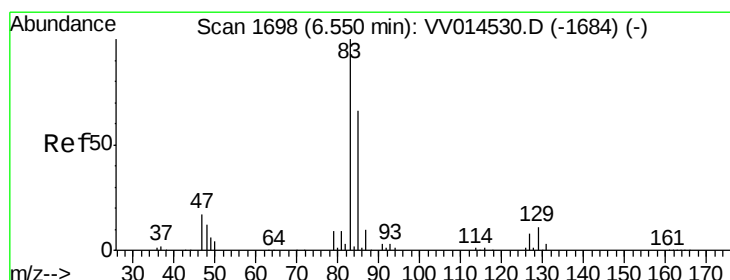
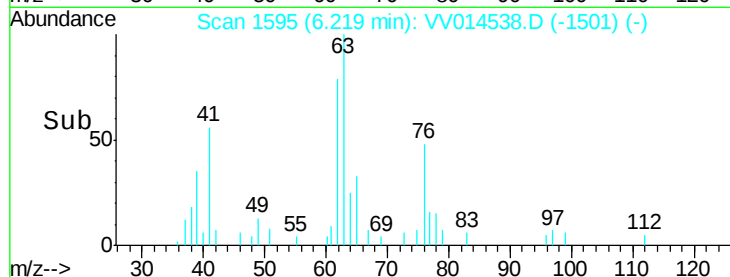
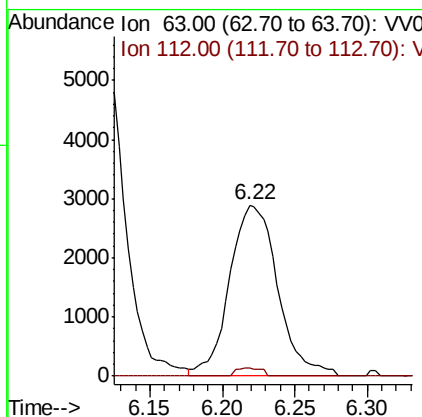
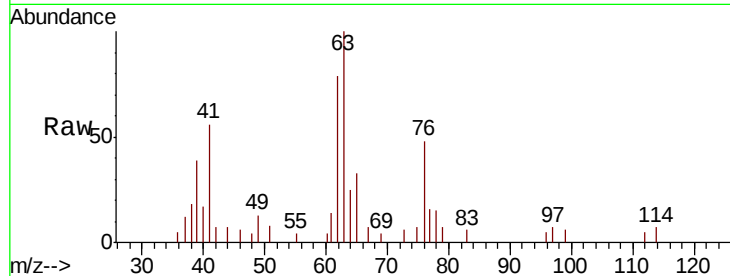
#37  
 1,2-Dichloropropane  
 Concen: 2.740 ug/L  
 RT: 6.22 min Scan# 1595  
 Delta R.T. 0.00 min  
 Lab File: VV014538.D  
 Acq: 07 Feb 2020 14:56

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL02

Tot Ion: 63 Resp: 6684  
 Ion Ratio Lower Upper  
 63 100  
 112 1.8 3.7 5.5#

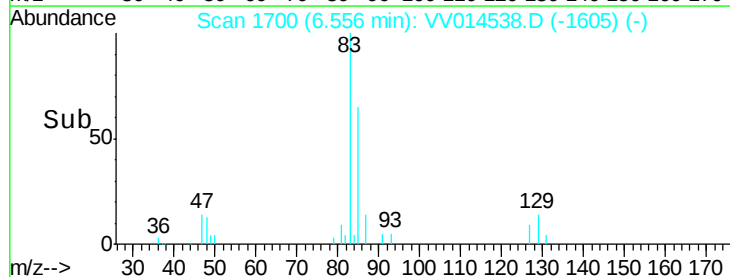
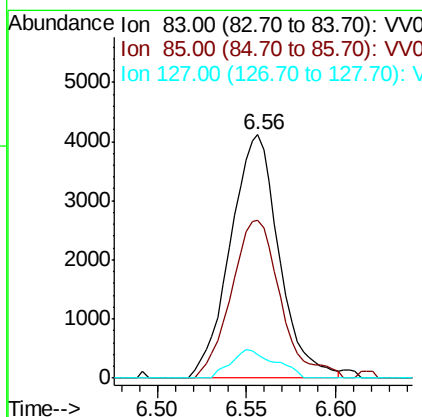
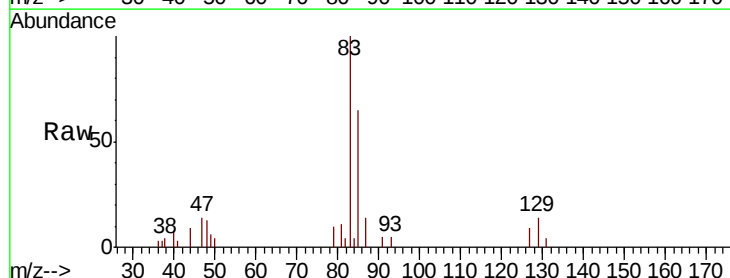
Manual Integrations  
 APPROVED

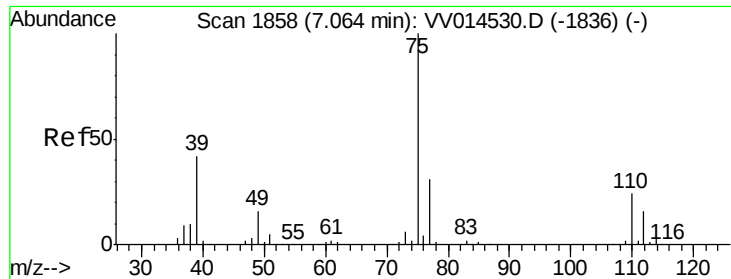
MMDadoda  
 2/10/2020 11:56:45 AM



#38  
 Bromodichloromethane  
 Concen: 2.394 ug/L  
 RT: 6.56 min Scan# 1700  
 Delta R.T. 0.01 min  
 Lab File: VV014538.D  
 Acq: 07 Feb 2020 14:56

Tgt Ion: 83 Resp: 7839  
 Ion Ratio Lower Upper  
 83 100  
 85 64.7 44.4 82.4  
 127 9.4 6.7 10.1





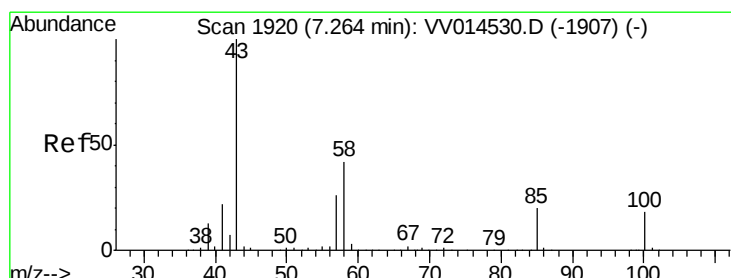
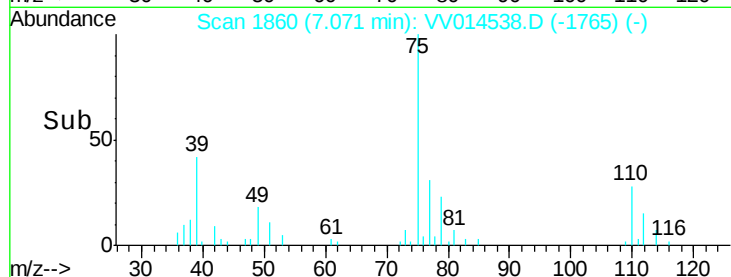
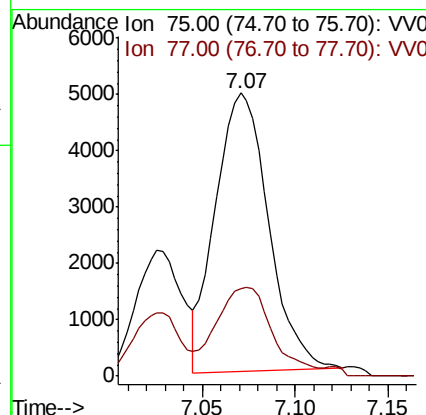
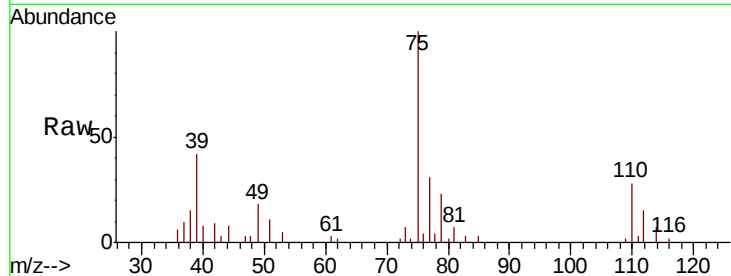
#39  
 cis-1,3-Dichloropropene  
 Concen: 2.408 ug/L  
 RT: 7.07 min Scan# 1860  
 Delta R.T. 0.01 min  
 Lab File: VV014538.D  
 Acq: 07 Feb 2020 14:56

Instrument :  
 MSVOA\_V  
 ClientSampled :  
 MDL02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.1  | 22.7  | 42.1  |

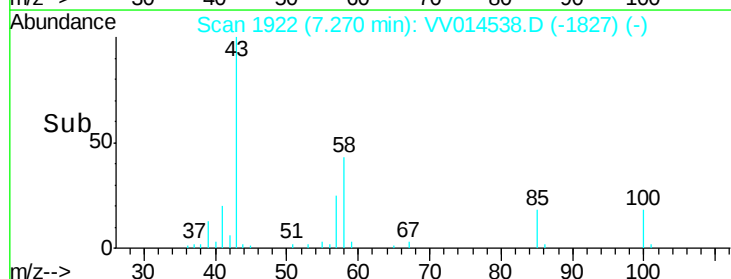
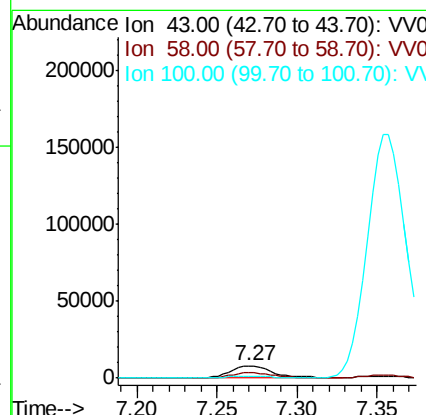
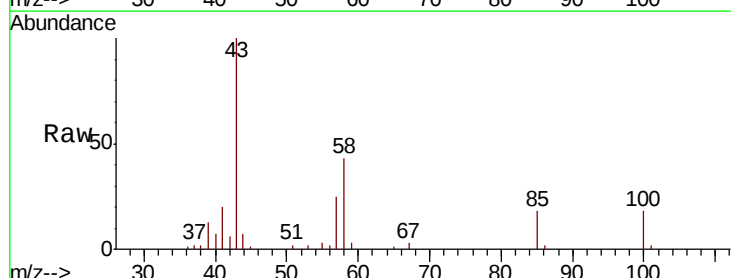
Manual Integrations  
 APPROVED

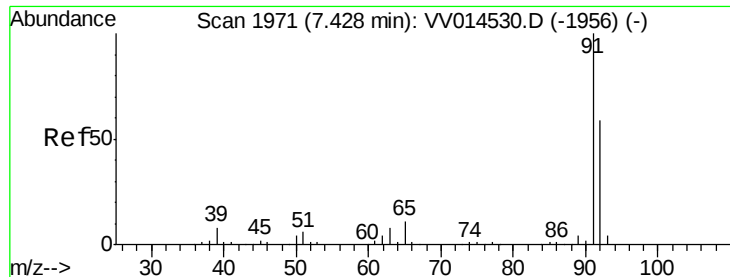
MMDadoda  
 2/10/2020 11:56:45 AM



#40  
 4-Methyl-2-pentanone  
 Concen: 4.705 ug/L  
 RT: 7.27 min Scan# 1922  
 Delta R.T. 0.01 min  
 Lab File: VV014538.D  
 Acq: 07 Feb 2020 14:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 42.7  | 33.2  | 49.8  |
| 100     | 18.1  | 13.9  | 20.9  |





#42

Toluene

Concen: 2.591 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV014538.D

Acq: 07 Feb 2020 14:56

Instrument :

MSVOA\_V

ClientSampleId :

MDL02

Tot Ion: 91 Resp: 26613

Ion Ratio Lower Upper

91 100

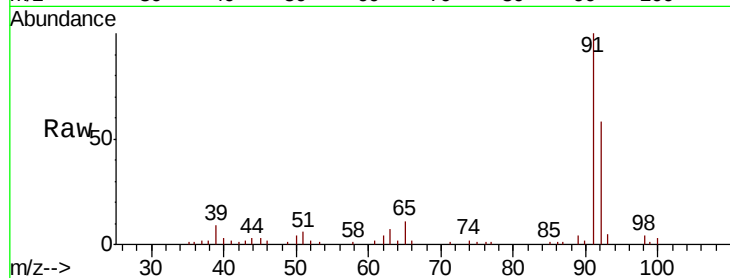
92 57.9 41.6 77.2

Manual Integrations

APPROVED

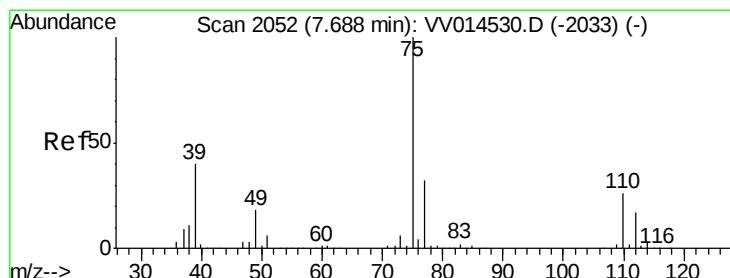
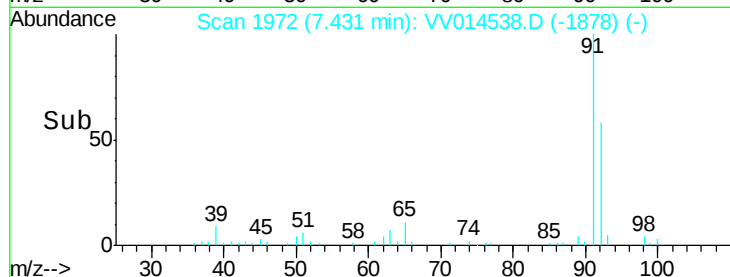
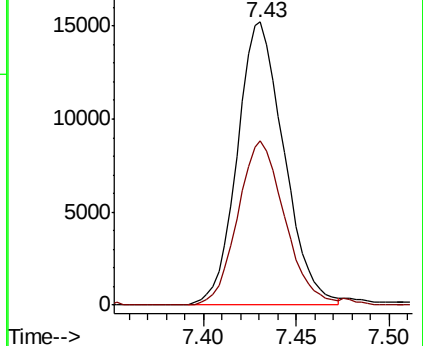
MMDadoda

2/10/2020 11:56:45 AM



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 2.463 ug/L m

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV014538.D

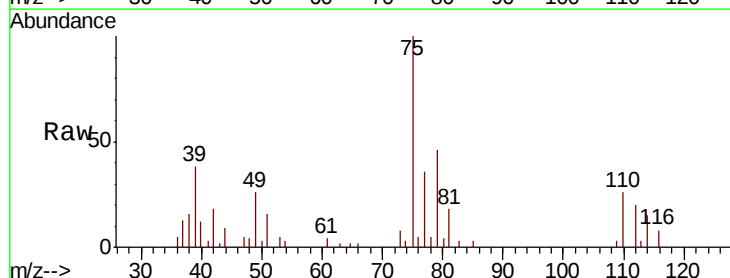
Acq: 07 Feb 2020 14:56

Tgt Ion: 75 Resp: 8987

Ion Ratio Lower Upper

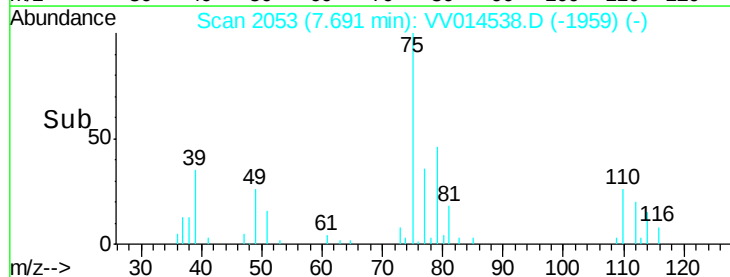
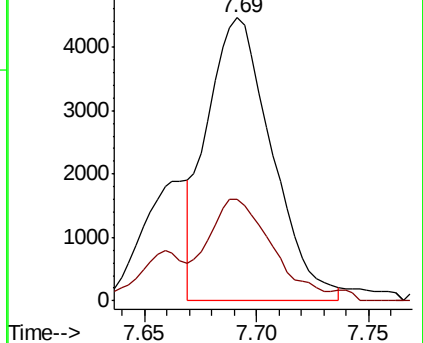
75 100

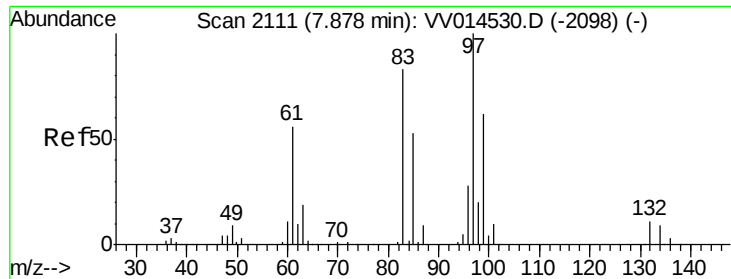
77 35.9 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





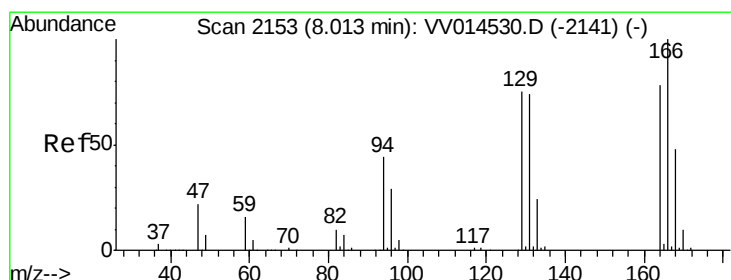
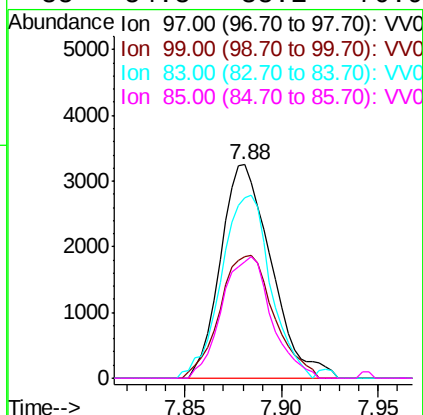
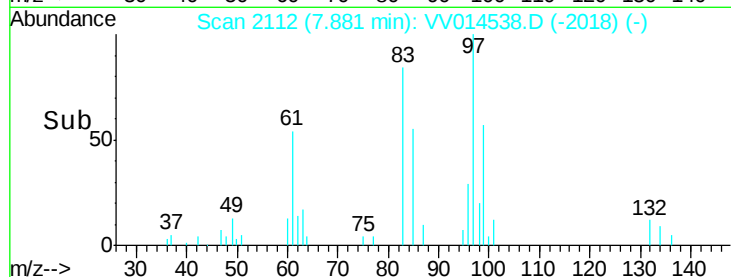
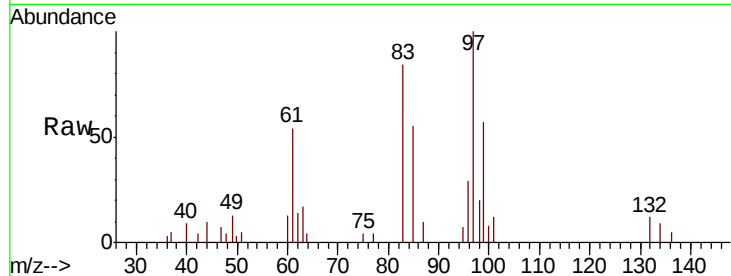
#45  
1,1,2-Trichloroethane  
Concen: 2.534 ug/L  
RT: 7.88 min Scan# 2112  
Delta R.T. 0.00 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

Instrument :  
MSVOA\_V  
ClientSampled :  
MDL02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 5930  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 56.7  | 44.5  | 82.7  |
| 83       | 84.4  | 60.1  | 111.5 |
| 85       | 54.8  | 38.1  | 70.9  |

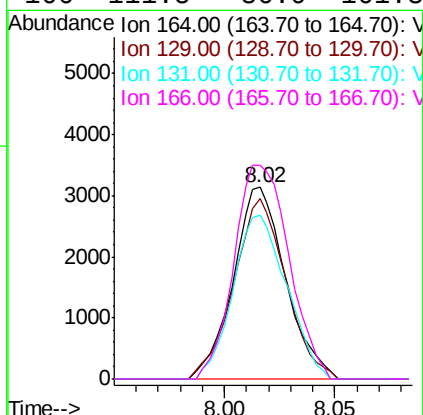
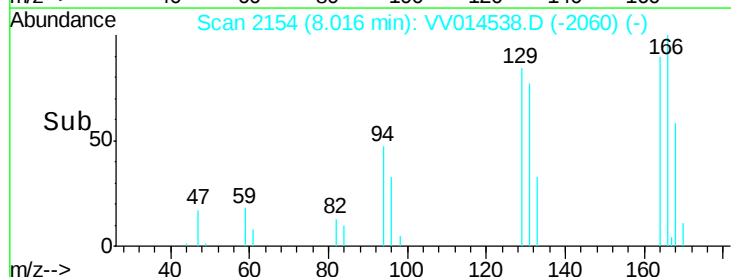
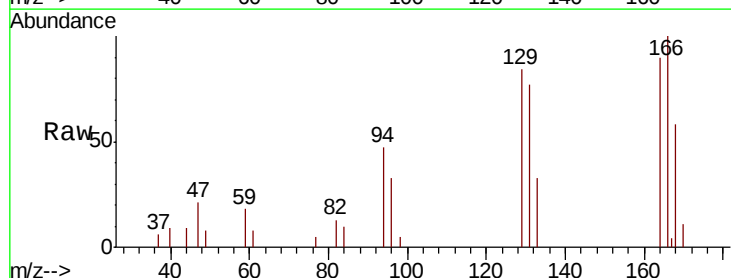
Manual Integrations  
APPROVED

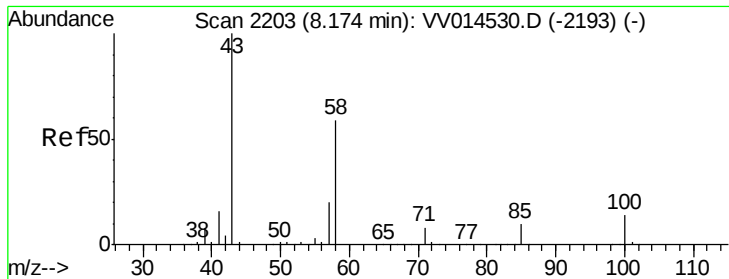
MMDadoda  
2/10/2020 11:56:45 AM



#46  
Tetrachloroethene  
Concen: 2.675 ug/L  
RT: 8.02 min Scan# 2154  
Delta R.T. 0.00 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 5181  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 94.1  | 68.0  | 126.4 |
| 131      | 85.8  | 63.4  | 117.8 |
| 166      | 111.5 | 86.9  | 161.3 |





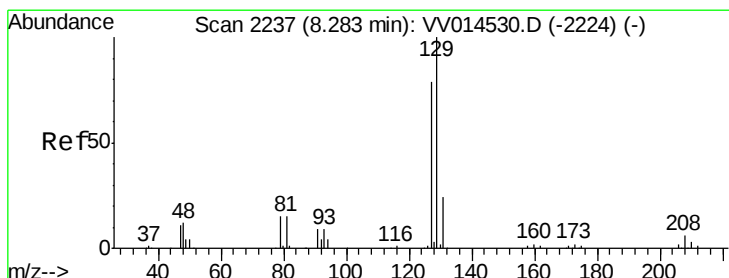
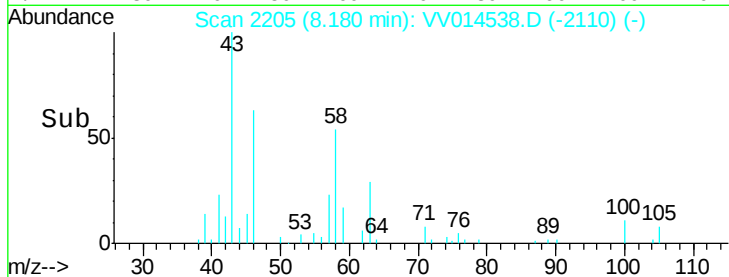
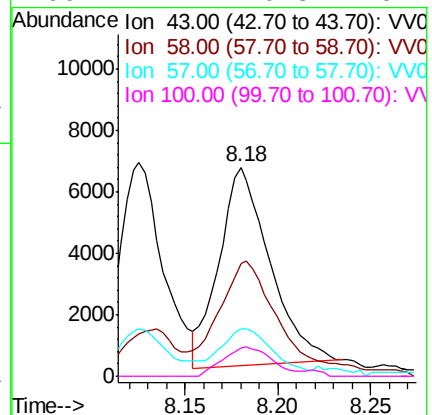
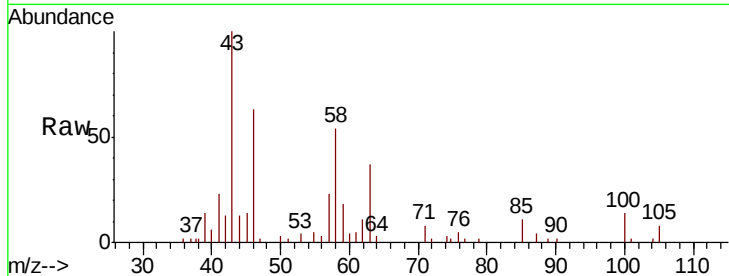
#48  
2-Hexanone  
Concen: 5.076 ug/L  
RT: 8.18 min Scan# 2205  
Delta R.T. 0.01 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

Instrument :  
MSVOA\_V  
ClientSampled :  
MDL02

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 43      | 100  |       |       |       |
| 58      | 63.3 | 45.5  | 68.3  |       |
| 57      | 25.1 | 15.8  | 23.6  |       |
| 100     | 14.1 | 10.8  | 16.2  |       |

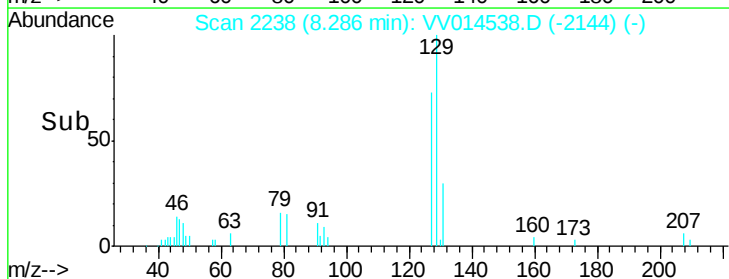
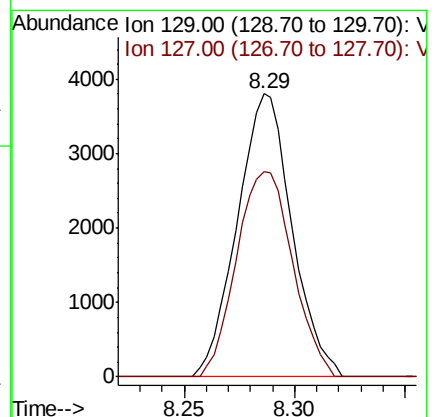
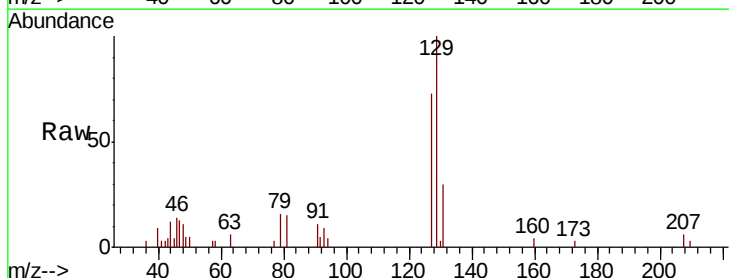
Manual Integrations  
APPROVED

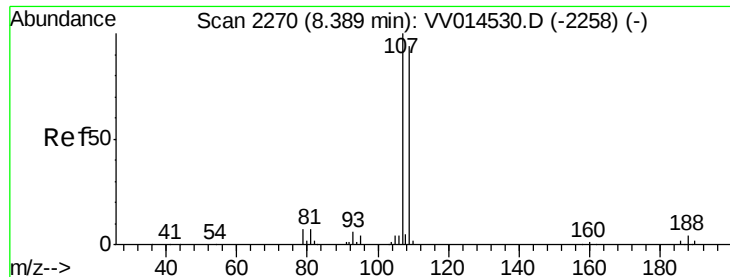
MMDadoda  
2/10/2020 11:56:45 AM



#49  
Dibromochloromethane  
Concen: 2.481 ug/L  
RT: 8.29 min Scan# 2238  
Delta R.T. 0.00 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 129     | 100  |       |       |       |
| 127     | 72.6 | 54.1  | 100.5 |       |





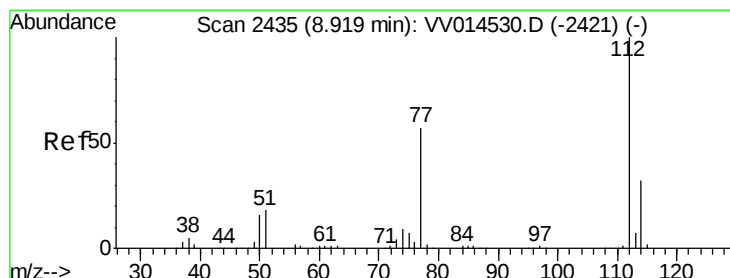
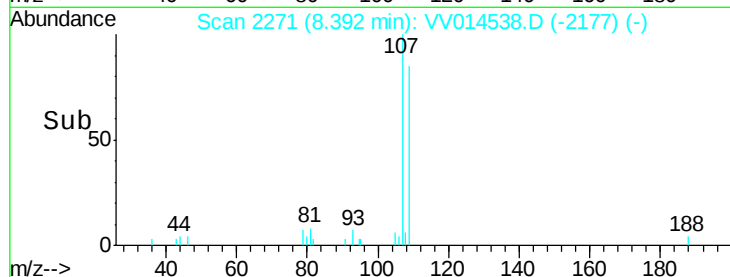
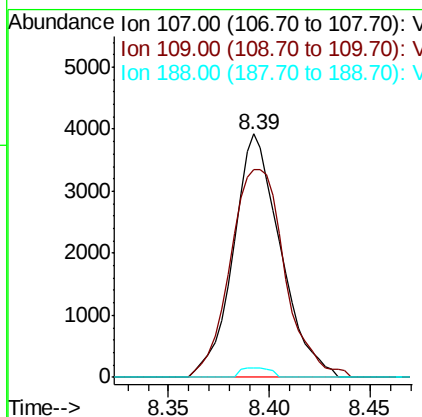
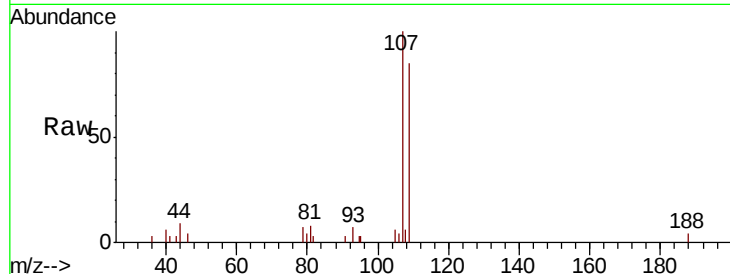
#50  
1,2-Dibromoethane  
Concen: 2.538 ug/L  
RT: 8.39 min Scan# 2271  
Delta R.T. 0.00 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 85.3  | 65.2  | 121.2 |
| 188     | 4.0   | 2.6   | 4.0#  |

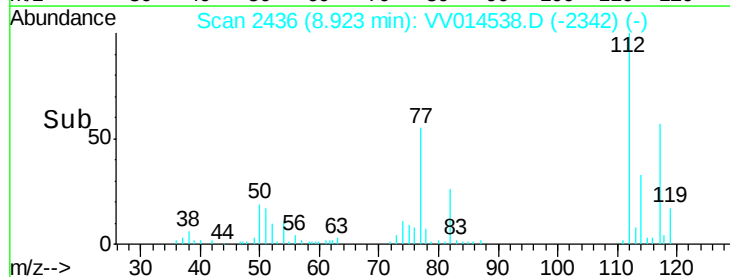
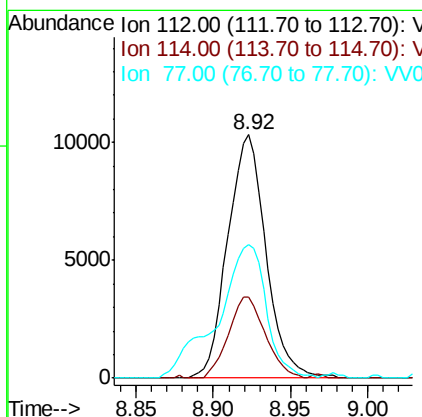
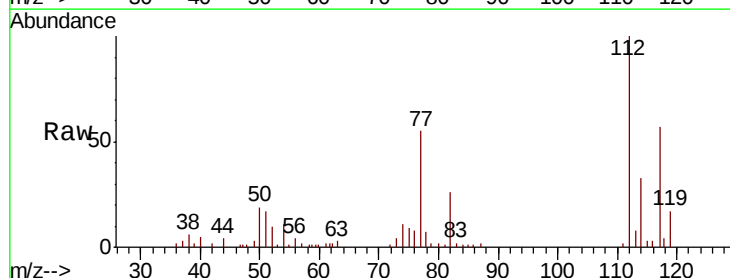
Manual Integrations  
APPROVED

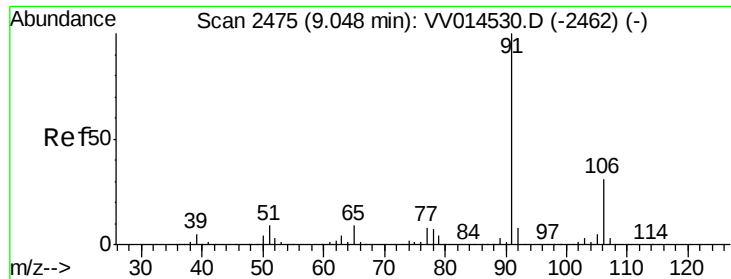
MMDadoda  
2/10/2020 11:56:45 AM



#51  
Chlorobenzene  
Concen: 2.650 ug/L  
RT: 8.92 min Scan# 2436  
Delta R.T. 0.00 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 33.1  | 22.3  | 41.5  |
| 77      | 55.0  | 47.3  | 70.9  |





#52

Ethylbenzene

Concen: 2.502 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. 0.00 min

Lab File: VV014538.D

Acq: 07 Feb 2020 14:56

Instrument :

MSVOA\_V

ClientSampled :

MDL02

Tot Ion: 91 Resp: 28819

Ion Ratio Lower Upper

91 100

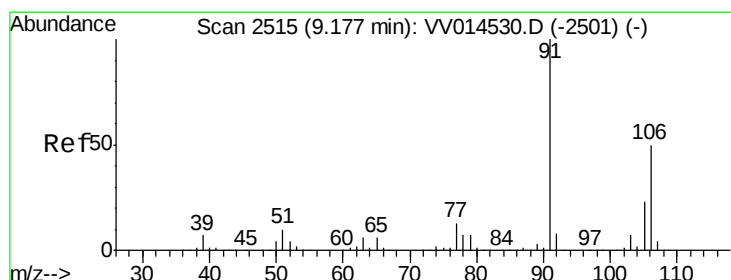
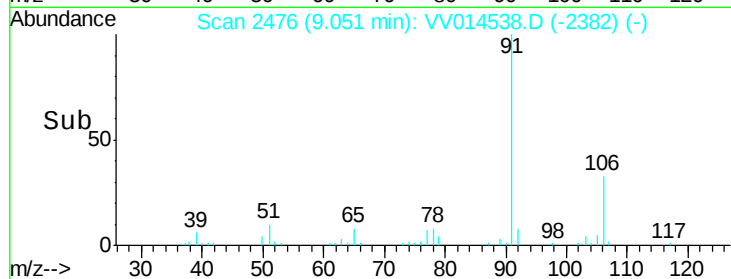
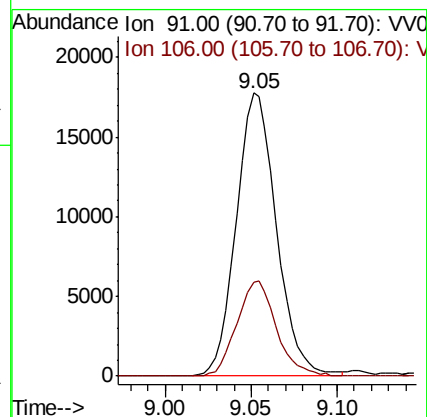
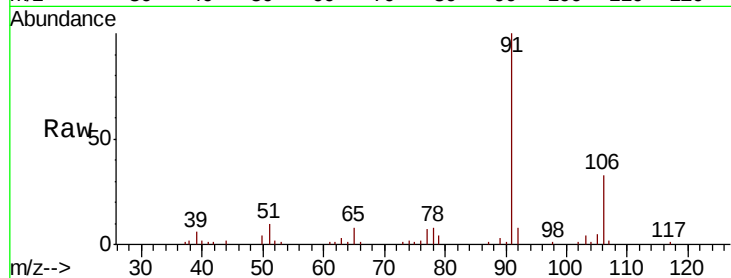
106 33.4 21.5 39.9

Manual Integrations

APPROVED

MMDadoda

2/10/2020 11:56:45 AM



#53

m,p-Xylene

Concen: 2.528 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV014538.D

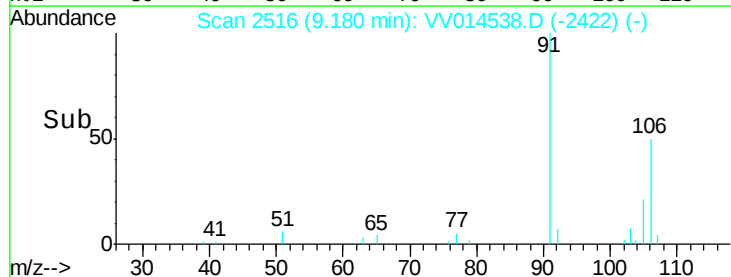
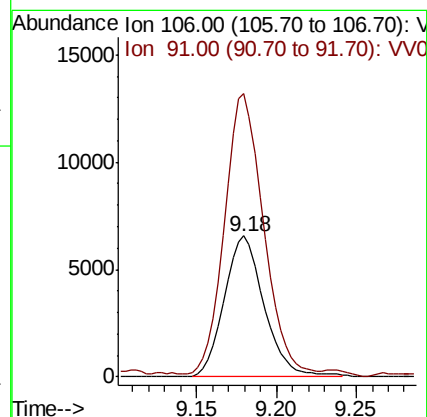
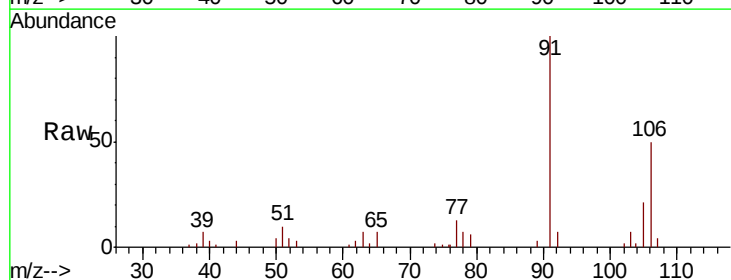
Acq: 07 Feb 2020 14:56

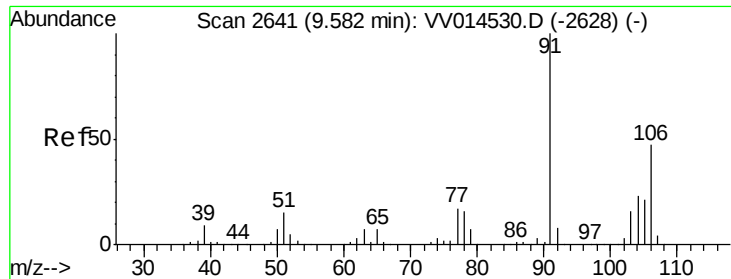
Tgt Ion: 106 Resp: 11216

Ion Ratio Lower Upper

106 100

91 200.5 141.4 262.6





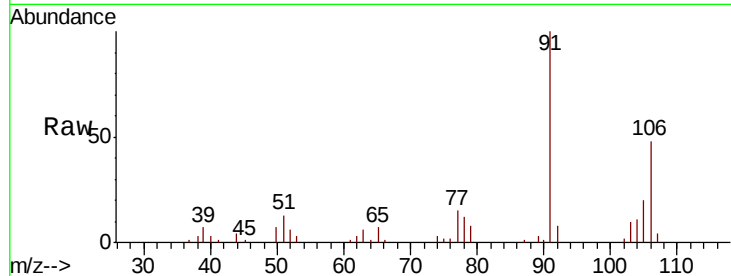
#54  
o-Xylene  
Concen: 2.480 ug/L  
RT: 9.58 min Scan# 2641  
Delta R.T. 0.00 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL02

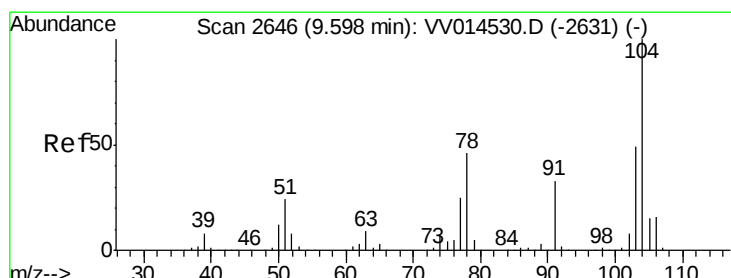
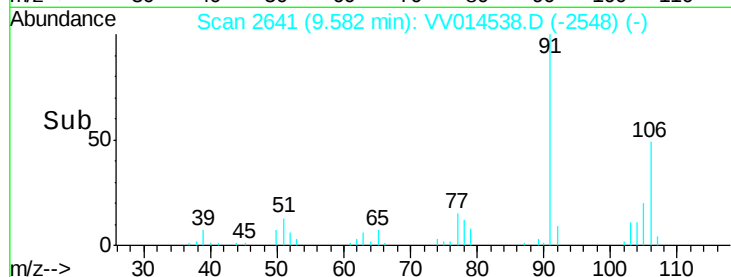
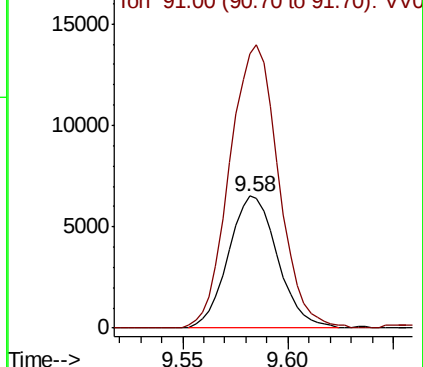
Tot Ion:106 Resp: 10532  
Ion Ratio Lower Upper  
106 100  
91 207.8 149.4 277.4

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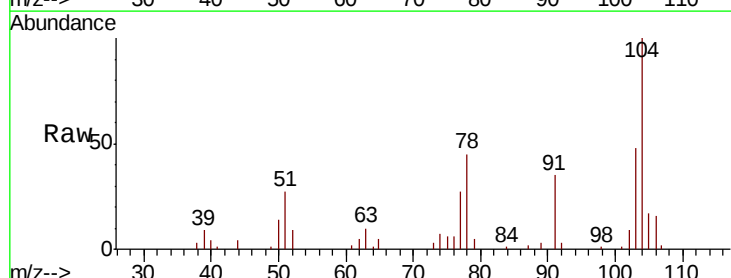


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VV0

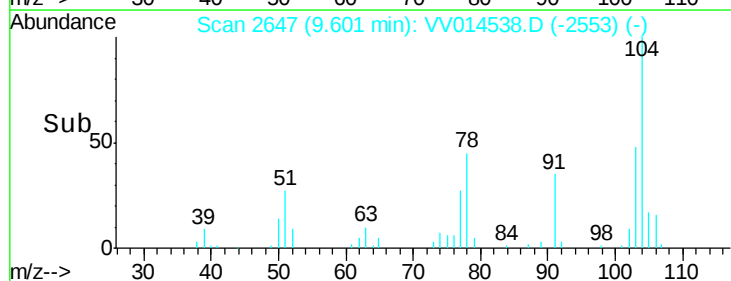
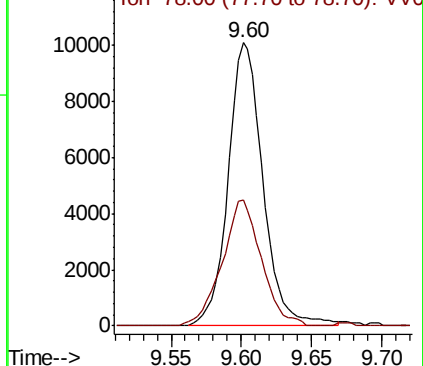


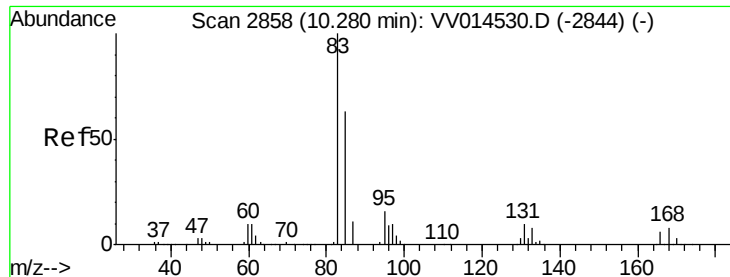
#55  
Styrene  
Concen: 2.405 ug/L  
RT: 9.60 min Scan# 2647  
Delta R.T. 0.00 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

Tgt Ion:104 Resp: 17451  
Ion Ratio Lower Upper  
104 100  
78 44.6 31.6 58.8



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VV0





#57

1,1,2,2-Tetrachloroethane

Concen: 2.916 ug/L

RT: 10.28 min Scan# 2858

Delta R.T. 0.00 min

Lab File: VV014538.D

Acq: 07 Feb 2020 14:56

Instrument :

MSVOA\_V

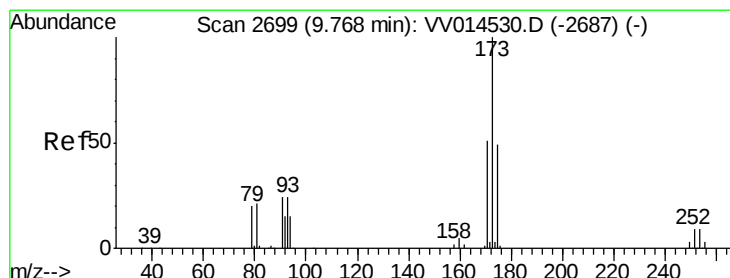
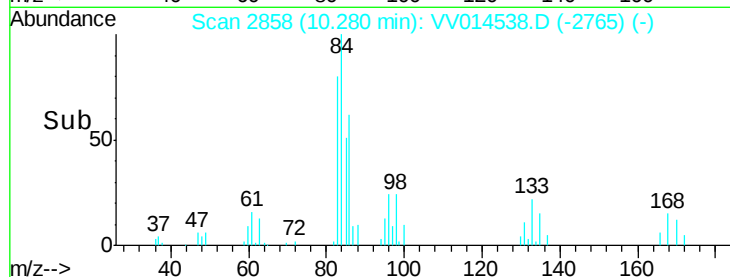
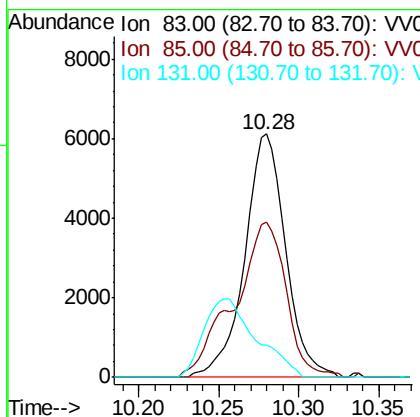
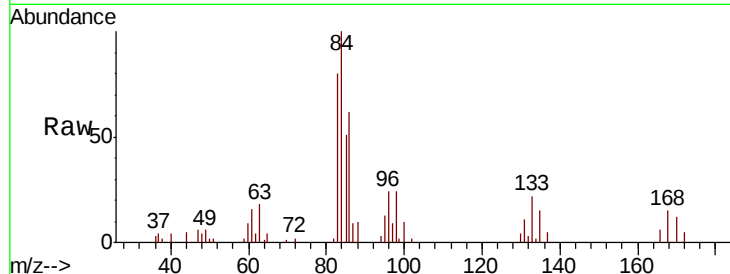
ClientSampleId :

MDL02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 10697 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 64.0  | 45.2  | 84.0  |
| 131       | 13.5  | 7.8   | 11.8# |

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#59

Bromoform

Concen: 2.371 ug/L

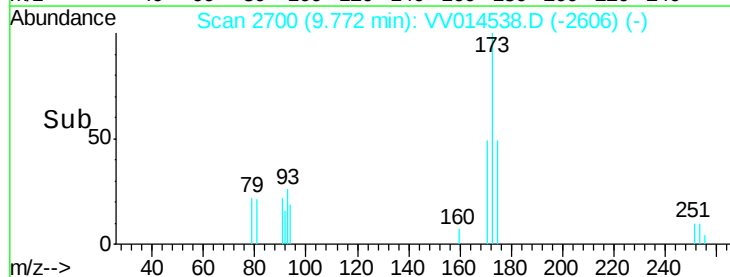
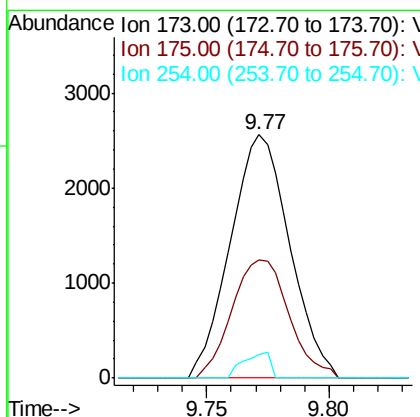
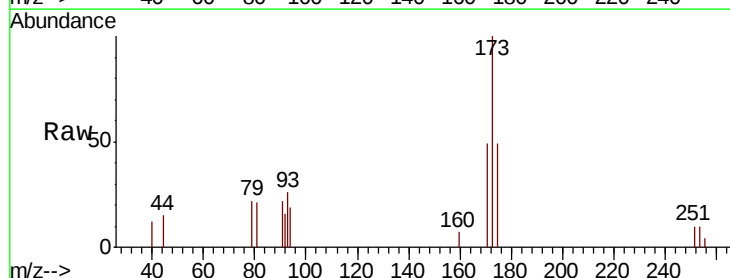
RT: 9.77 min Scan# 2700

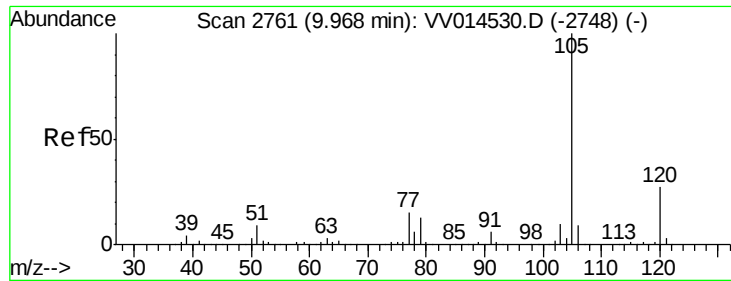
Delta R.T. 0.00 min

Lab File: VV014538.D

Acq: 07 Feb 2020 14:56

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 4315  |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 46.7  | 37.8  | 56.8  |
| 254       | 4.7   | 7.0   | 10.6# |





#60

Isopropylbenzene

Concen: 2.524 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV014538.D

Acq: 07 Feb 2020 14:56

Instrument :

MSVOA\_V

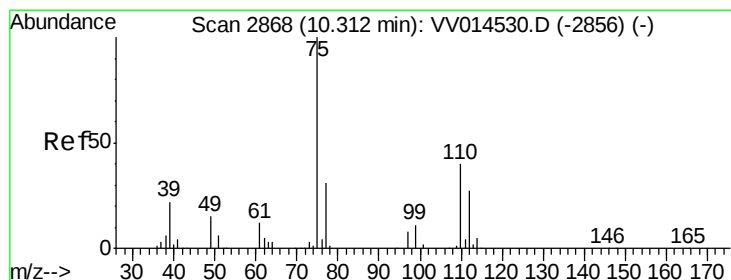
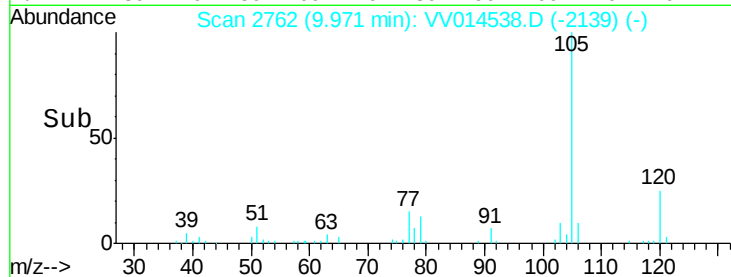
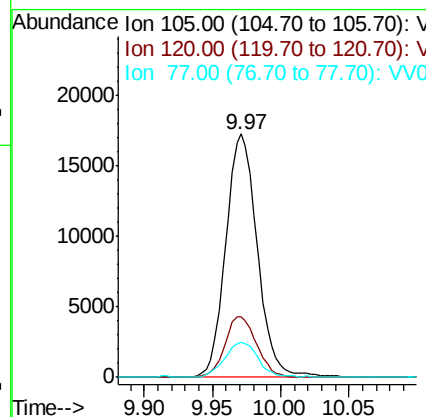
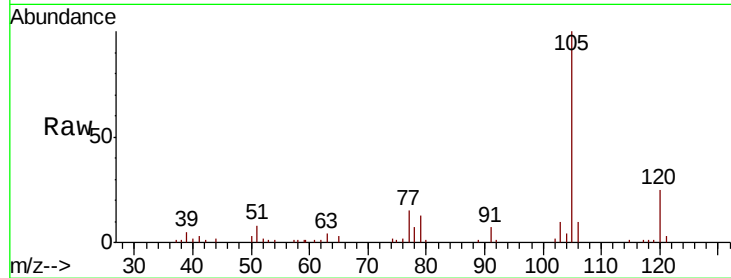
ClientSampleId :

MDL02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 105   | Resp: | 27847 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 24.9  | 21.5  | 32.3  |
| 77        | 15.0  | 12.2  | 18.4  |

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#61

1,2,3-Trichloropropane

Concen: 2.513 ug/L

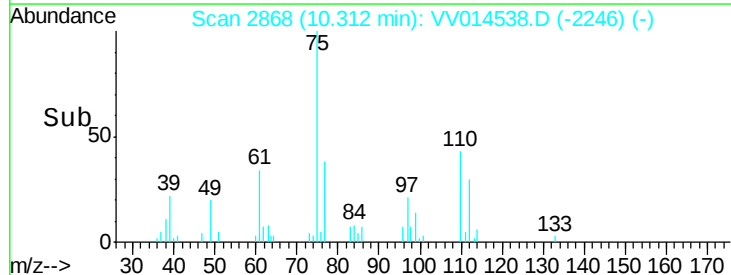
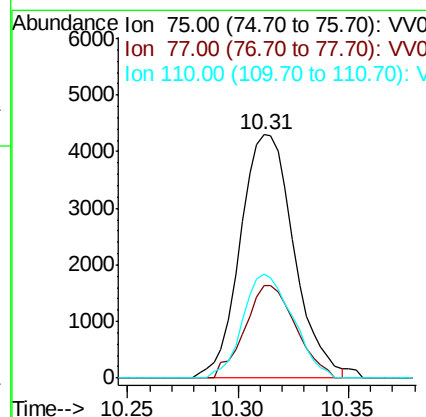
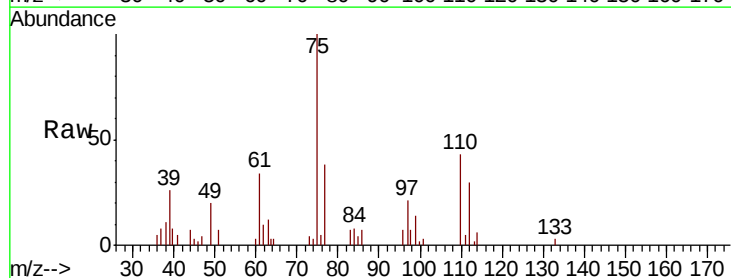
RT: 10.31 min Scan# 2868

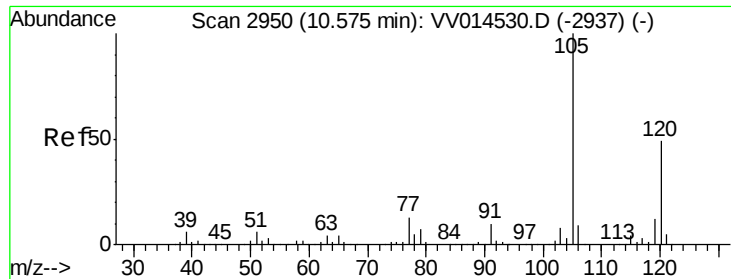
Delta R.T. 0.00 min

Lab File: VV014538.D

Acq: 07 Feb 2020 14:56

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 75    | Resp: | 7263 |
| Ion Ratio | Lower | Upper |      |
| 75        | 100   |       |      |
| 77        | 36.1  | 25.8  | 38.8 |
| 110       | 39.7  | 32.4  | 48.6 |





#62

1,3,5-Trimethylbenzene

Concen: 2.387 ug/L

RT: 10.58 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VV014538.D

Acq: 07 Feb 2020 14:56

Instrument :

MSVOA\_V

ClientSampleId :

MDL02

Tot Ion:105 Resp: 22547

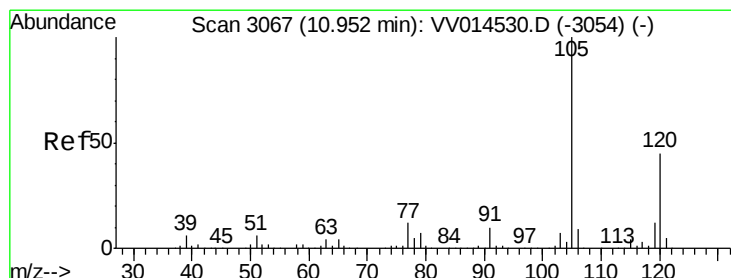
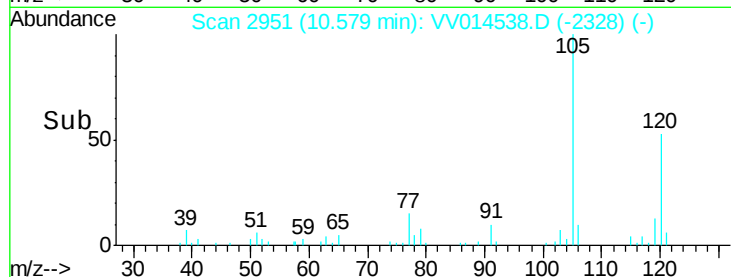
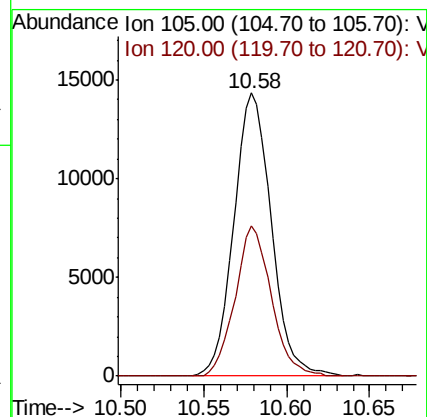
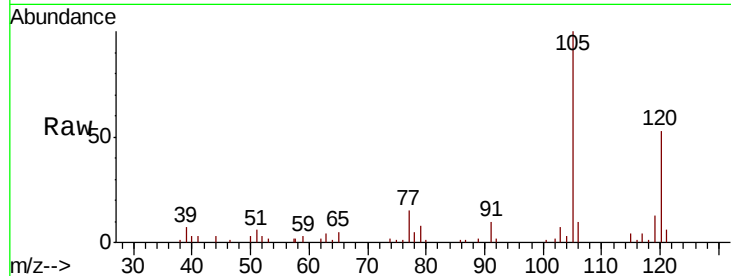
Ion Ratio Lower Upper

105 100

120 51.1 39.0 58.6

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#63

1,2,4-Trimethylbenzene

Concen: 2.361 ug/L

RT: 10.95 min Scan# 3068

Delta R.T. 0.00 min

Lab File: VV014538.D

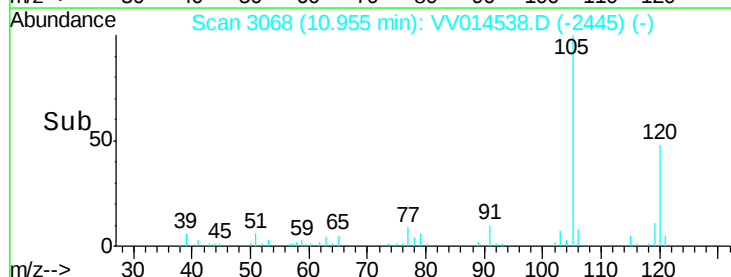
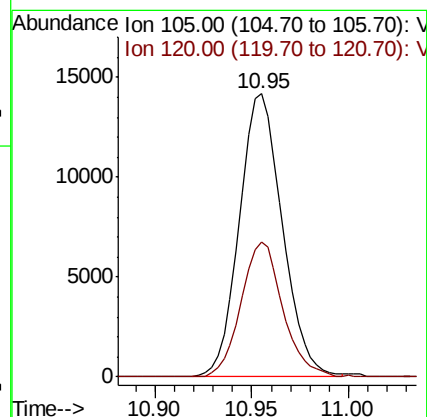
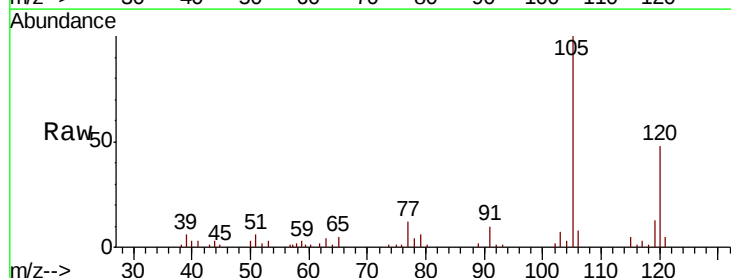
Acq: 07 Feb 2020 14:56

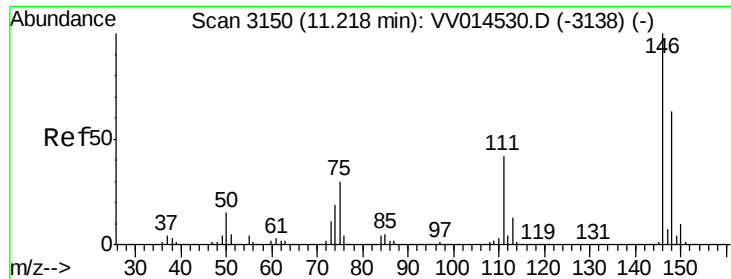
Tgt Ion:105 Resp: 21987

Ion Ratio Lower Upper

105 100

120 46.1 36.2 54.4





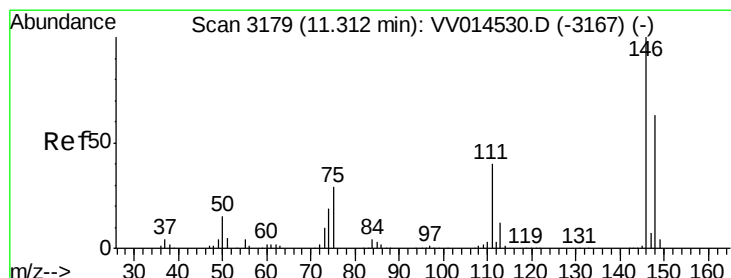
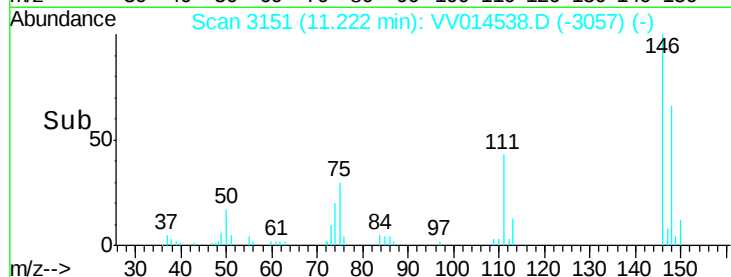
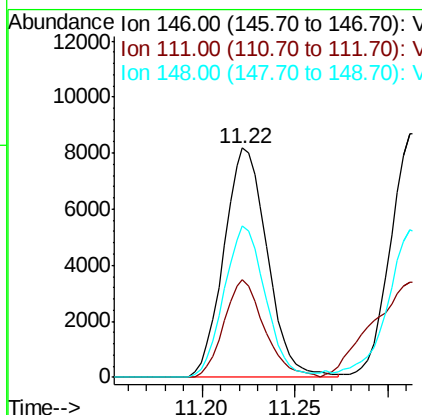
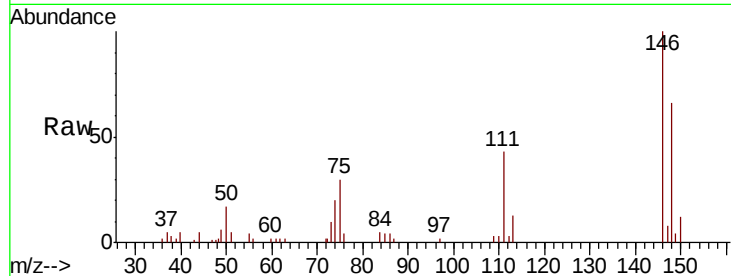
#64  
 1,3-Dichlorobenzene  
 Concen: 2.557 ug/L  
 RT: 11.22 min Scan# 3151  
 Delta R.T. 0.00 min  
 Lab File: VV014538.D  
 Acq: 07 Feb 2020 14:56

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.9  | 28.9  | 53.7  |
| 148     | 66.1  | 44.4  | 82.5  |

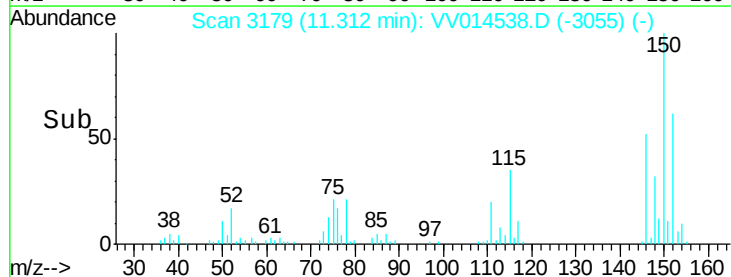
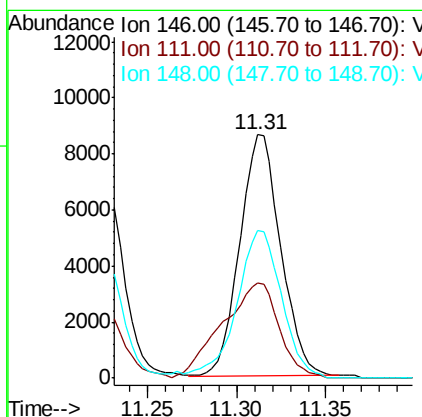
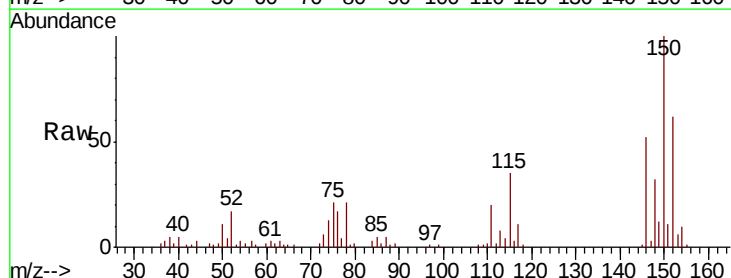
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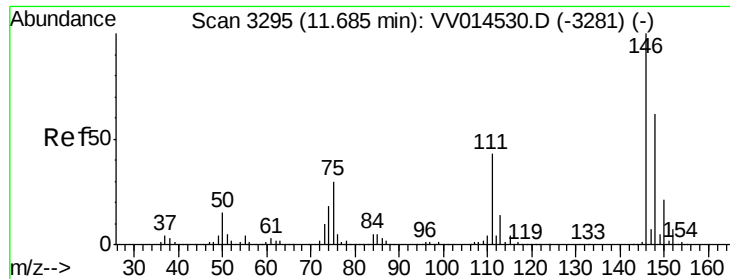
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#65  
 1,4-Dichlorobenzene  
 Concen: 2.582 ug/L  
 RT: 11.31 min Scan# 3179  
 Delta R.T. 0.00 min  
 Lab File: VV014538.D  
 Acq: 07 Feb 2020 14:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.3  | 28.1  | 52.3  |
| 148     | 60.8  | 44.4  | 82.4  |





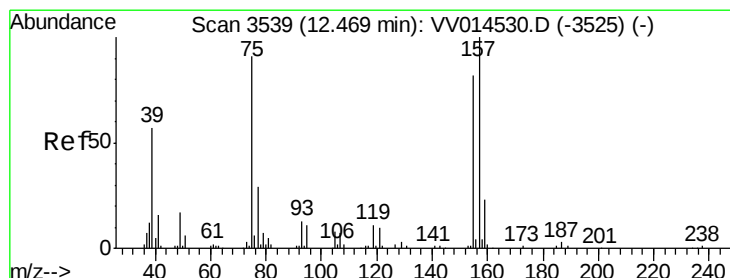
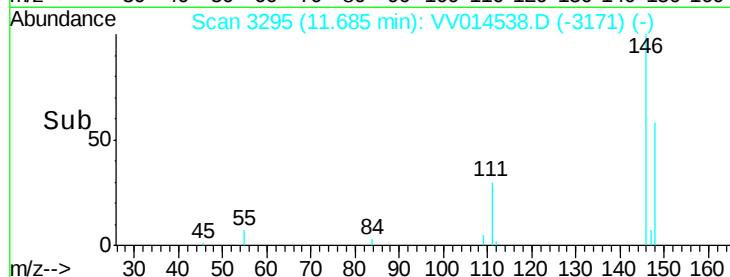
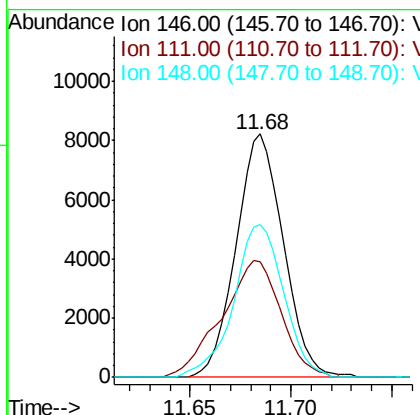
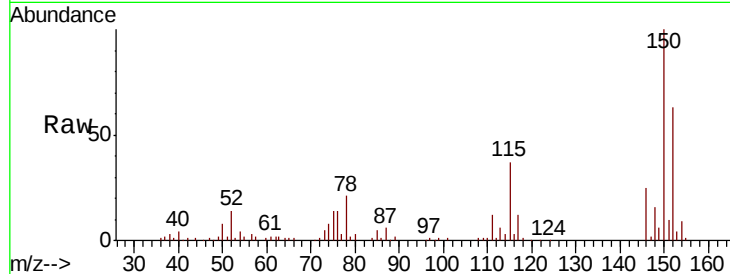
#67  
 1,2-Dichlorobenzene  
 Concen: 2.683 ug/L  
 RT: 11.68 min Scan# 3295  
 Delta R.T. 0.00 min  
 Lab File: VV014538.D  
 Acq: 07 Feb 2020 14:56

Instrument :  
 MSVOA\_V  
 ClientSampled :  
 MDL02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 47.3  | 34.6  | 51.8  |
| 148     | 62.7  | 50.2  | 75.4  |

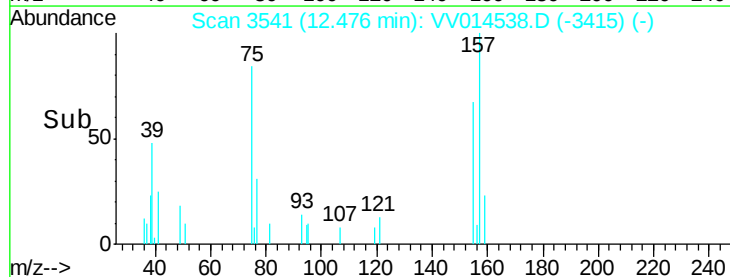
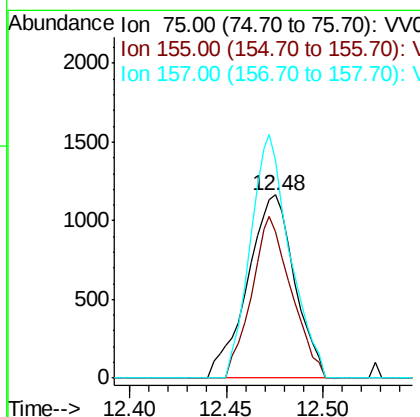
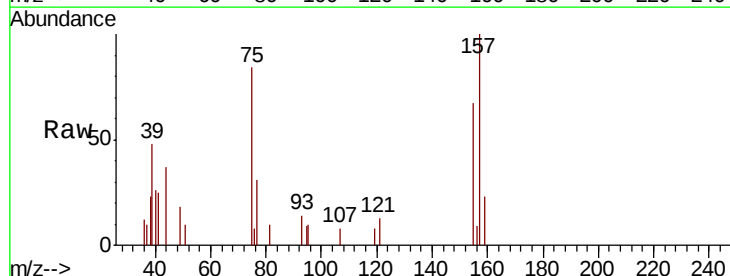
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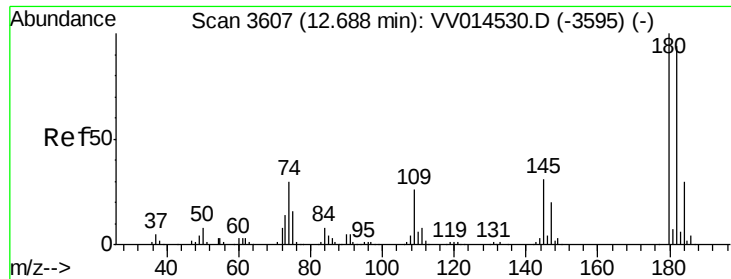
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#68  
 1,2-Dibromo-3-chloropropane  
 Concen: 2.433 ug/L  
 RT: 12.48 min Scan# 3541  
 Delta R.T. 0.01 min  
 Lab File: VV014538.D  
 Acq: 07 Feb 2020 14:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 79.9  | 68.3  | 102.5 |
| 157     | 119.4 | 87.1  | 130.7 |





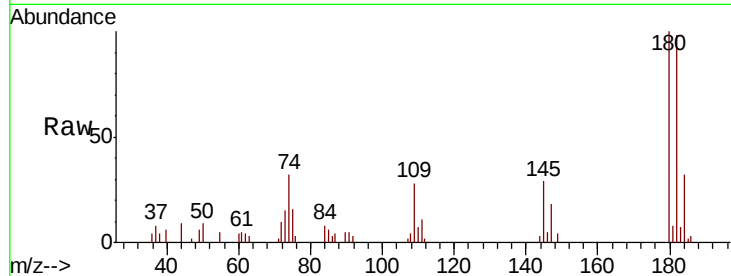
#69  
 1,3,5-Trichlorobenzene  
 Concen: 2.468 ug/L  
 RT: 12.69 min Scan# 3608  
 Delta R.T. 0.00 min  
 Lab File: VV014538.D  
 Acq: 07 Feb 2020 14:56

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MDL02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.2  | 75.0  | 112.4 |
| 184     | 29.9  | 24.2  | 36.2  |
| 145     | 31.0  | 24.3  | 36.5  |

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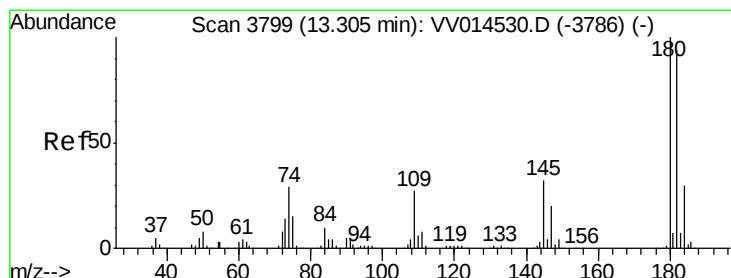
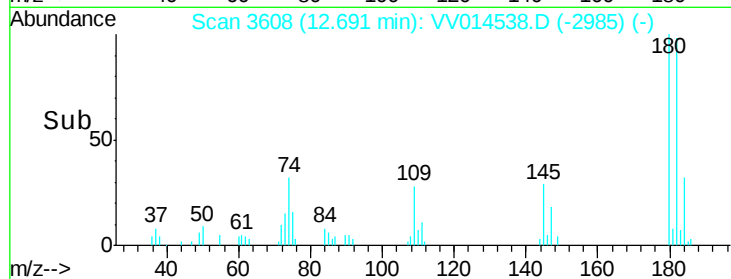
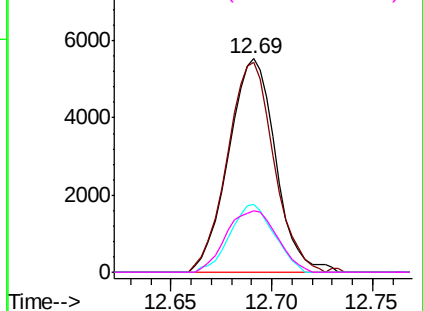
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

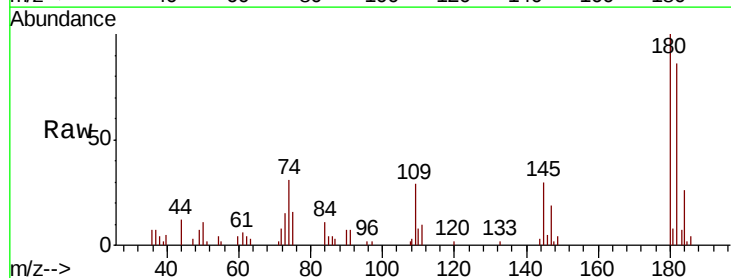
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70  
 1,2,4-trichlorobenzene  
 Concen: 2.588 ug/L  
 RT: 13.31 min Scan# 3799  
 Delta R.T. 0.00 min  
 Lab File: VV014538.D  
 Acq: 07 Feb 2020 14:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 87.1  | 76.0  | 114.0 |
| 145     | 29.8  | 25.3  | 37.9  |

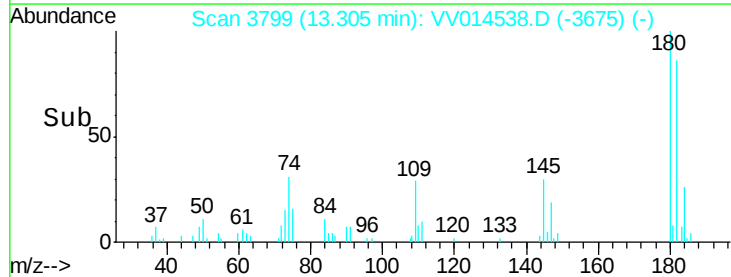
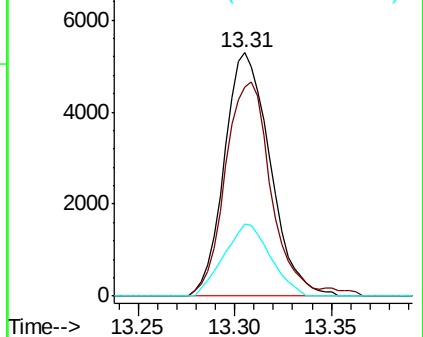


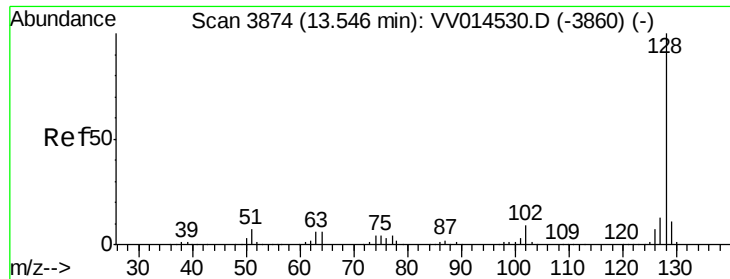
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





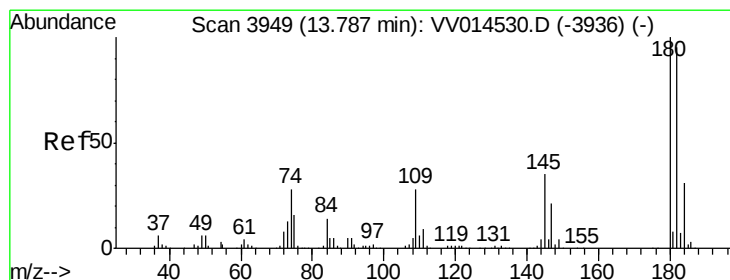
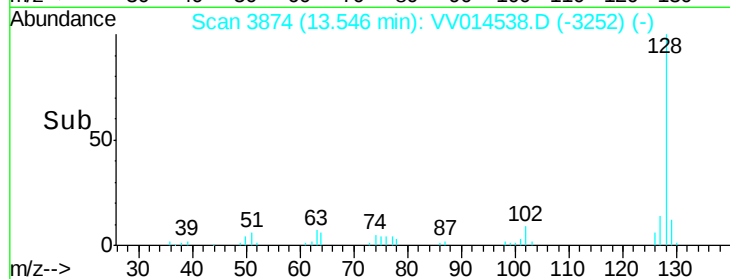
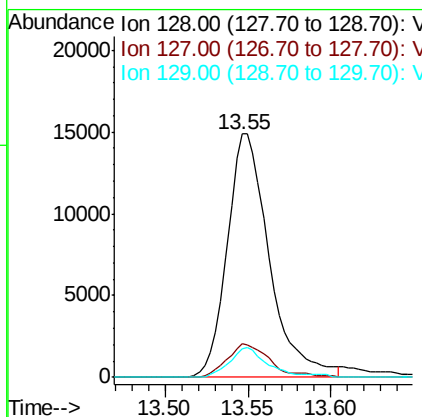
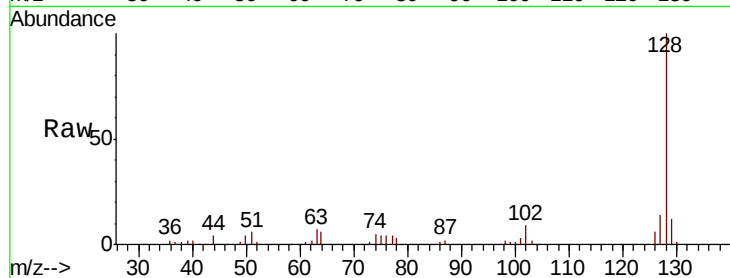
#71  
Naphthalene  
Concen: 2.385 ug/L  
RT: 13.55 min Scan# 3874  
Delta R.T. 0.00 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

Instrument :  
MSVOA\_V  
ClientSampleId :  
MDL02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.3  | 10.3  | 15.5  |
| 129     | 10.8  | 8.7   | 13.1  |

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#72  
1,2,3-Trichlorobenzene  
Concen: 2.443 ug/L  
RT: 13.79 min Scan# 3950  
Delta R.T. 0.00 min  
Lab File: VV014538.D  
Acq: 07 Feb 2020 14:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.6  | 75.2  | 112.8 |
| 145     | 32.4  | 27.1  | 40.7  |

