

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072518\  
 Data File : VU025632.D  
 Acq On : 25 Jul 2018 12:14  
 Operator : MD/SY  
 Sample : VSTDICV010  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU072518

Manual Integrations  
 APPROVED

apatel  
 7/26/2018 4:26:38 PM

Quant Time: Jul 26 03:29:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072518DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Wed Jul 25 12:16:36 2018  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon  | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|-------|-------|----------|--------|---------|----------|
| -----                         | ----- | ----- | -----    | -----  | -----   | -----    |
| 1) Fluorobenzene              | 5.74  | 96    | 39285    | 1.00   | ug/l    | 0.00     |
| System Monitoring Compounds   |       |       |          |        |         |          |
| 57) 4-Bromofluorobenzene      | 10.31 | 95    | 15840    | 1.09   | ug/l    | 0.00     |
| Spiked Amount 1.000           |       |       | Recovery | =      | 109.00% |          |
| 68) 1,2-Dichlorobenzene-d4    | 11.86 | 152   | 16183    | 1.00   | ug/l    | 0.00     |
| Spiked Amount 1.000           |       |       | Recovery | =      | 100.00% |          |
| Target Compounds              |       |       |          |        |         | Ovalue   |
| 2) Dichlorodifluoromethane    | 1.21  | 85    | 92894    | 6.631  | ug/l    | 100      |
| 3) Chloromethane              | 1.33  | 50    | 106064   | 8.008  | ug/l    | 97       |
| 4) Vinyl Chloride             | 1.41  | 62    | 109659   | 8.945  | ug/l    | 98       |
| 5) Bromomethane               | 1.63  | 94    | 57157    | 9.573  | ug/l    | 97       |
| 6) Chloroethane               | 1.70  | 64    | 66284    | 9.011  | ug/l    | 96       |
| 7) Trichlorofluoromethane     | 1.89  | 101   | 166816   | 9.332  | ug/l    | 100      |
| 8) 1,1,2-Trichloro-1,2,2-trif | 2.29  | 101   | 95507    | 9.731  | ug/l    | 98       |
| 9) 1,1-Dichloroethene         | 2.29  | 96    | 88915    | 10.266 | ug/l    | 95       |
| 10) Iodomethane               | 2.41  | 142   | 80856    | 9.622  | ug/l    | 95       |
| 11) Allyl Chloride            | 2.59  | 41    | 148348   | 10.246 | ug/l    | 90       |
| 12) Acrylonitrile             | 2.94  | 53    | 90912    | 47.613 | ug/l    | 96       |
| 13) Acetone                   | 2.32  | 43    | 151020   | 90.946 | ug/l    | 95       |
| 14) Carbon Disulfide          | 2.48  | 76    | 281662   | 9.508  | ug/l    | 99       |
| 15) Methylene Chloride        | 2.70  | 84    | 94992    | 9.200  | ug/l    | 95       |
| 16) trans-1,2-Dichloroethene  | 2.98  | 96    | 97131    | 10.002 | ug/l    | 95       |
| 17) 1,1-Dichloroethane        | 3.45  | 63    | 197937   | 10.276 | ug/l    | 99       |
| 18) 2-Butanone                | 4.28  | 43    | 188039   | 65.256 | ug/l    | 100      |
| 19) Cyclohexane               | 5.00  | 56    | 154844   | 10.426 | ug/l    | 89       |
| 20) Methylcyclohexane         | 6.42  | 83    | 192731   | 10.579 | ug/l    | 93       |
| 21) 2,2-Dichloropropane       | 4.23  | 77    | 190573   | 10.378 | ug/l    | 99       |
| 22) cis-1,2-Dichloroethene    | 4.23  | 96    | 120554   | 9.860  | ug/l    | 95       |
| 23) Diethyl Ether             | 2.10  | 59    | 64218    | 9.789  | ug/l    | 96       |
| 24) tert-Butyl Alcohol        | 2.84  | 59    | 34671    | 44.994 | ug/l #  | 82       |
| 25) Methyl tert-Butyl Ether   | 3.00  | 73    | 228587   | 9.759  | ug/l    | 98       |
| 26) Bromochloromethane        | 4.55  | 128   | 50878    | 9.450  | ug/l    | 83       |
| 27) Chloroform                | 4.68  | 83    | 208552   | 9.853  | ug/l    | 99       |
| 28) 1,1,1-Trichloroethane     | 4.92  | 97    | 192768   | 10.098 | ug/l    | 97       |
| 29) 1,1-Dichloropropene       | 5.14  | 75    | 162259   | 10.364 | ug/l    | 98       |
| 30) Carbon Tetrachloride      | 5.14  | 117   | 176129   | 10.160 | ug/l    | 98       |
| 31) Isopropyl Ether           | 3.58  | 45    | 324204   | 10.506 | ug/l #  | 1        |
| 34) Propionitrile             | 4.34  | 54    | 79671    | 99.509 | ug/l #  | 93       |
| 35) Benzene                   | 5.39  | 78    | 440595   | 10.066 | ug/l    | 99       |
| 36) 1,2-Dichloroethane        | 5.41  | 62    | 135636   | 10.095 | ug/l    | 98       |
| 37) Trichloroethene           | 6.19  | 130   | 127773   | 9.910  | ug/l    | 100      |
| 38) 1,2-Dichloropropane       | 6.44  | 63    | 115071   | 10.132 | ug/l    | 96       |
| 39) Methacrylonitrile         | 4.55  | 41    | 36819    | 9.989  | ug/l    | 91       |
| 40) Methyl acrylate           | 4.43  | 55    | 56773    | 10.213 | ug/l    | 96       |
| 41) Tetrahydrofuran           | 4.65  | 42    | 92677    | 42.554 | ug/l    | 94       |
| 42) 1-Chlorobutane            | 5.07  | 56    | 215965   | 10.120 | ug/l    | 99       |
| 43) Dibromomethane            | 6.56  | 93    | 59894    | 10.103 | ug/l    | 98       |
| 44) Bromodichloromethane      | 6.76  | 83    | 153298   | 10.204 | ug/l    | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072518\  
 Data File : VU025632.D  
 Acq On : 25 Jul 2018 12:14  
 Operator : MD/SY  
 Sample : VSTDICV010  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU072518

Manual Integrations  
 APPROVED

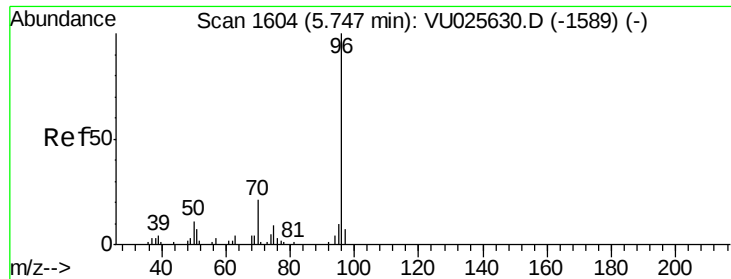
apatel  
 7/26/2018 4:26:38 PM

Quant Time: Jul 26 03:29:53 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072518DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Wed Jul 25 12:16:36 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 45) 4-Methyl-2-Pentanone       | 7.47  | 43   | 341115   | 51.592 | ug/l   | 97       |
| 46) t-1,4-Dichloro-2-butene    | 10.52 | 75   | 19993m   | 8.075  | ug/l   |          |
| 47) Methyl methacrylate        | 6.63  | 69   | 53315    | 10.754 | ug/l   | 96       |
| 48) Ethyl methacrylate         | 8.02  | 69   | 102504   | 10.292 | ug/l   | 100      |
| 49) Toluene                    | 7.64  | 92   | 280199   | 10.475 | ug/l   | 97       |
| 50) t-1,3-Dichloropropene      | 7.88  | 75   | 148982   | 10.986 | ug/l   | 100      |
| 51) cis-1,3-Dichloropropene    | 7.27  | 75   | 171304   | 10.544 | ug/l   | 99       |
| 52) 1,1,2-Trichloroethane      | 8.07  | 97   | 81943    | 10.310 | ug/l   | 96       |
| 53) 1,3-Dichloropropane        | 8.25  | 76   | 139988   | 10.433 | ug/l   | 100      |
| 54) 2-Hexanone                 | 8.37  | 43   | 290710   | 62.261 | ug/l   | 99       |
| 55) Dibromochloromethane       | 8.48  | 129  | 104564   | 10.347 | ug/l   | 100      |
| 56) 1,2-Dibromoethane          | 8.59  | 107  | 80129    | 10.418 | ug/l   | 99       |
| 58) Tetrachloroethene          | 8.23  | 164  | 120635   | 10.410 | ug/l   | 98       |
| 59) Chlorobenzene              | 9.12  | 112  | 322601   | 10.489 | ug/l   | 99       |
| 60) 1,1,1,2-Tetrachloroethane  | 9.21  | 131  | 118661   | 10.390 | ug/l   | 98       |
| 61) Pentachloroethane          | 11.10 | 117  | 93894    | 10.772 | ug/l   | 97       |
| 62) Hexachloroethane           | 12.15 | 117  | 93051    | 10.454 | ug/l   | 100      |
| 63) Ethyl Benzene              | 9.25  | 91   | 557070   | 10.887 | ug/l   | 98       |
| 64) m/p-Xylenes                | 9.38  | 106  | 440340   | 21.897 | ug/l   | 98       |
| 65) o-Xylene                   | 9.78  | 106  | 210369   | 10.977 | ug/l   | 97       |
| 66) Styrene                    | 9.80  | 104  | 349780   | 10.747 | ug/l   | 99       |
| 67) Bromoform                  | 9.96  | 173  | 60338    | 10.120 | ug/l   | 98       |
| 69) Isopropylbenzene           | 10.17 | 105  | 578347   | 11.169 | ug/l   | 99       |
| 70) 1,1,2,2-Tetrachloroethane  | 10.46 | 83   | 100049   | 10.018 | ug/l   | 100      |
| 71) 1,2,3-Trichloropropane     | 10.50 | 75   | 79881m   | 10.263 | ug/l   |          |
| 72) Bromobenzene               | 10.45 | 156  | 144021   | 10.712 | ug/l   | 95       |
| 73) n-propylbenzene            | 10.59 | 120  | 165977   | 11.375 | ug/l   | 91       |
| 74) 2-Chlorotoluene            | 10.66 | 126  | 139442   | 10.856 | ug/l   | 88       |
| 75) 1,3,5-Trimethylbenzene     | 10.78 | 105  | 505844   | 11.188 | ug/l   | 99       |
| 76) 4-Chlorotoluene            | 10.78 | 126  | 148088   | 10.968 | ug/l   | 95       |
| 77) tert-Butylbenzene          | 11.10 | 119  | 486259   | 10.909 | ug/l   | 99       |
| 78) 1,2,4-Trimethylbenzene     | 11.15 | 105  | 519030   | 11.246 | ug/l   | 99       |
| 79) sec-Butylbenzene           | 11.33 | 105  | 623665   | 10.644 | ug/l   | 98       |
| 80) Nitrobenzene               | 12.87 | 77   | 4645     | 15.280 | ug/l # | 81       |
| 81) p-Isopropyltoluene         | 11.48 | 119  | 565414   | 11.381 | ug/l   | 98       |
| 82) 1,3-Dichlorobenzene        | 11.42 | 146  | 289972   | 10.486 | ug/l   | 99       |
| 83) 1,4-Dichlorobenzene        | 11.51 | 146  | 292318   | 10.840 | ug/l   | 99       |
| 84) n-Butylbenzene             | 11.89 | 91   | 536291   | 11.505 | ug/l   | 99       |
| 85) 1,2-Dichlorobenzene        | 11.88 | 146  | 262888   | 10.411 | ug/l   | 98       |
| 86) 1,2-Dibromo-3-Chloropropan | 12.66 | 75   | 17716    | 10.752 | ug/l   | 89       |
| 87) 1,2,4-Trichlorobenzene     | 13.51 | 180  | 209239   | 11.900 | ug/l   | 100      |
| 88) Hexachlorobutadiene        | 13.70 | 225  | 117666   | 10.892 | ug/l   | 99       |
| 89) Naphthalene                | 13.74 | 128  | 345016   | 12.089 | ug/l   | 100      |
| 90) 1,2,3-Trichlorobenzene     | 13.99 | 180  | 187445   | 11.667 | ug/l   | 99       |

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





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA\_U

ClientSampleId :

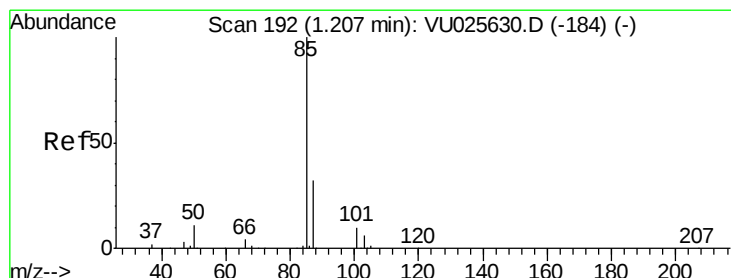
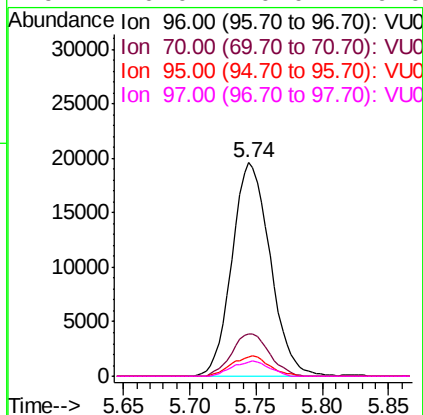
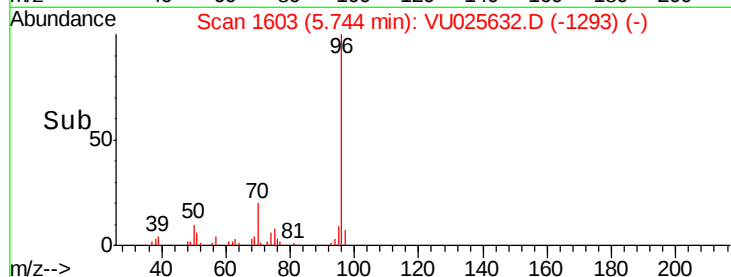
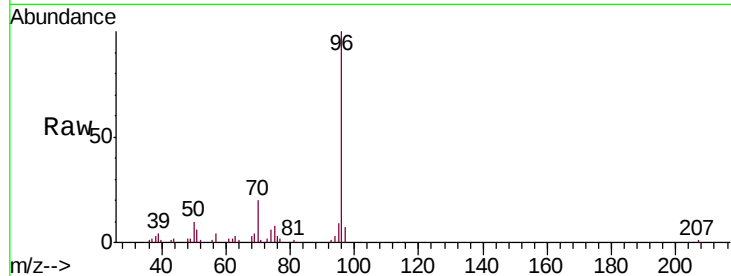
ICVVU072518

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 39285 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 70       | 19.5  | 16.2  | 24.4  |
| 95       | 9.3   | 6.9   | 10.3  |
| 97       | 0.0   | 0.0   | 0.0   |

Manual Integrations  
APPROVED

apatel

7/26/2018 4:26:38 PM



#2

Dichlorodifluoromethane

Concen: 6.631 ug/l

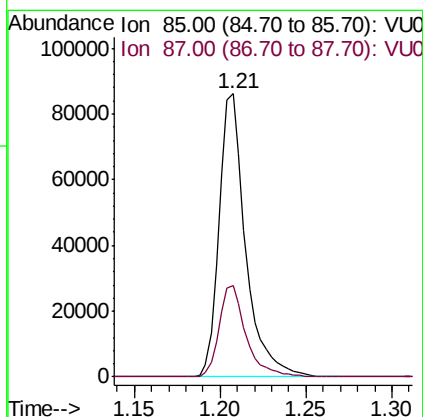
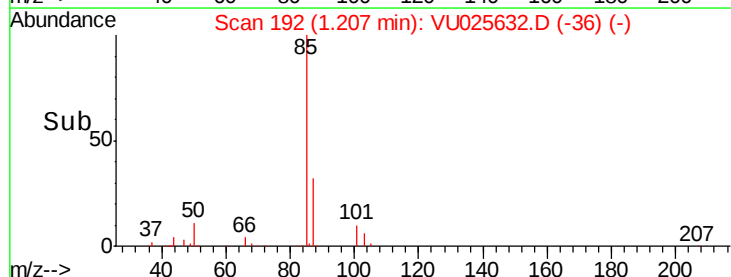
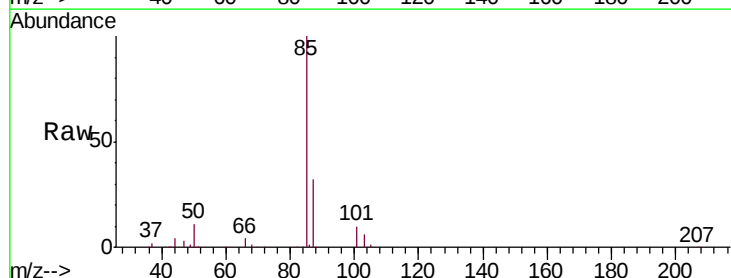
RT: 1.21 min Scan# 192

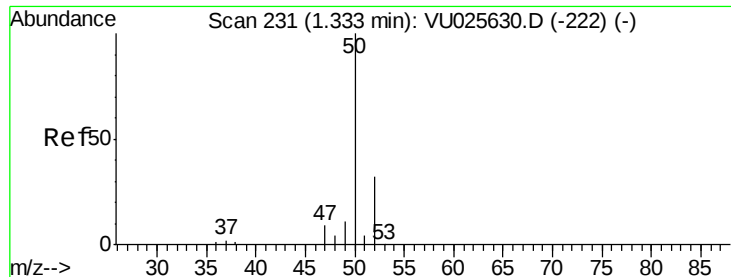
Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 85    | Resp: | 92894 |
| Ion      | Ratio | Lower | Upper |
| 85       | 100   |       |       |
| 87       | 32.5  | 16.2  | 48.5  |





#3

Chloromethane

Concen: 8.008 ug/l

RT: 1.33 min Scan# 231

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU072518

Tot Ion: 50 Resp: 106064

Ion Ratio Lower Upper

50 100

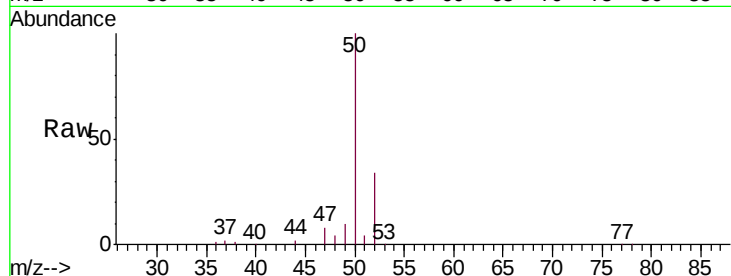
52 34.2 26.0 39.0

Manual Integrations

APPROVED

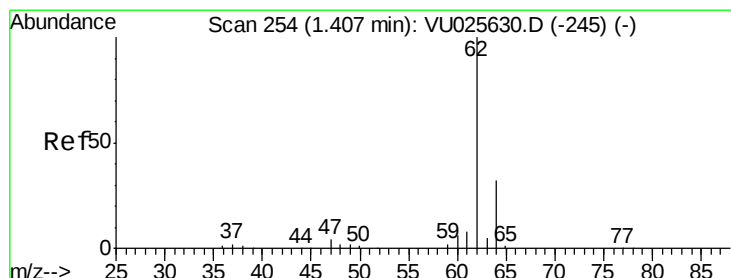
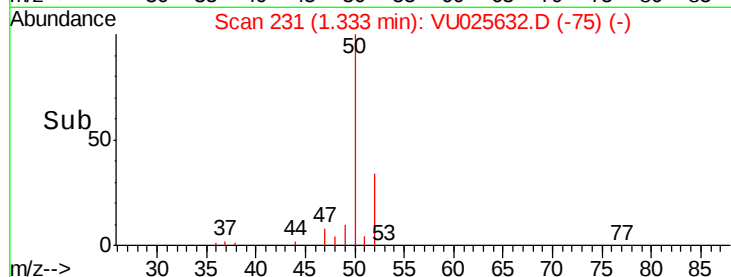
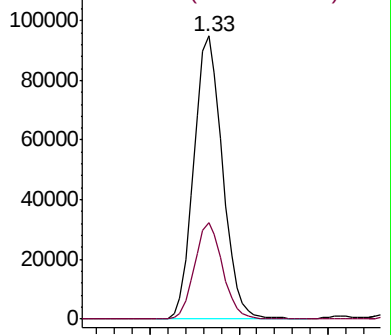
apatel

7/26/2018 4:26:38 PM



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 8.945 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025632.D

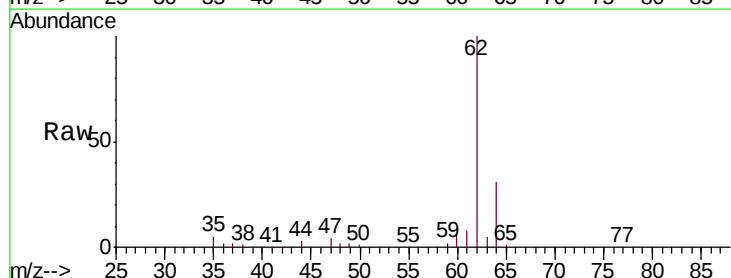
Acq: 25 Jul 2018 12:14

Tgt Ion: 62 Resp: 109659

Ion Ratio Lower Upper

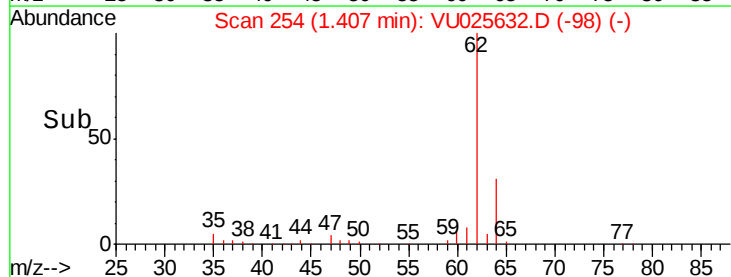
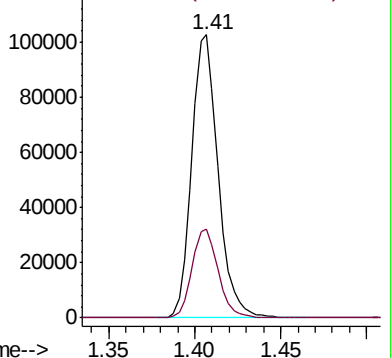
62 100

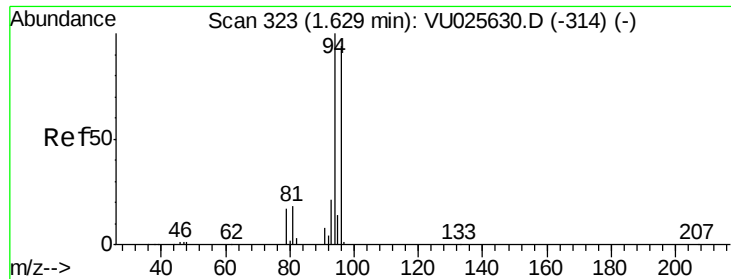
64 31.4 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 9.573 ug/l

RT: 1.63 min Scan# 324

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU072518

Tot Ion: 94 Resp: 57157

Ion Ratio Lower Upper

94 100

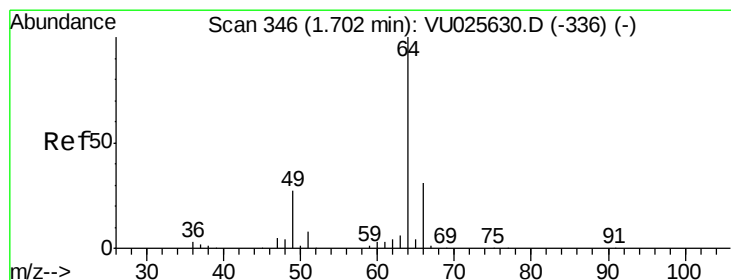
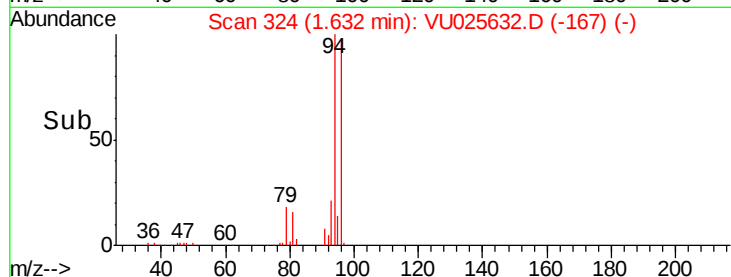
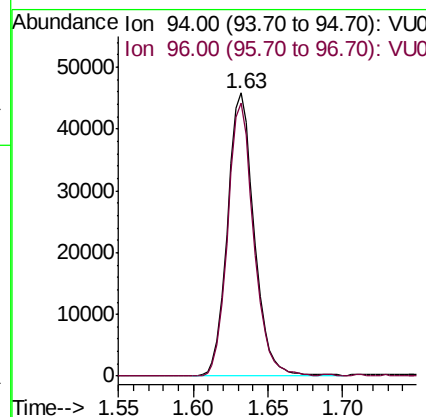
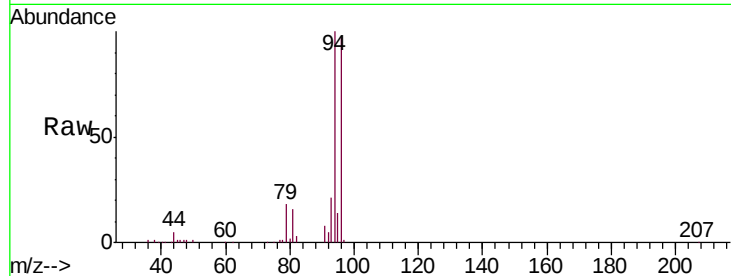
96 96.6 75.1 112.7

Manual Integrations

APPROVED

apatel

7/26/2018 4:26:38 PM



#6

Chloroethane

Concen: 9.011 ug/l

RT: 1.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU025632.D

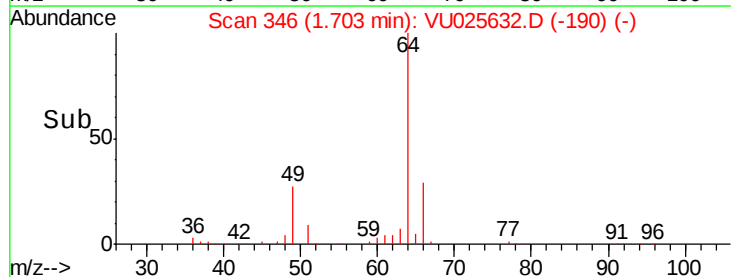
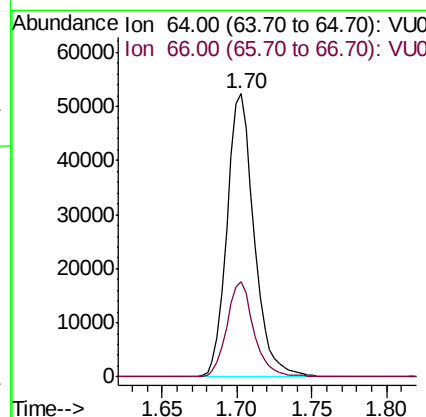
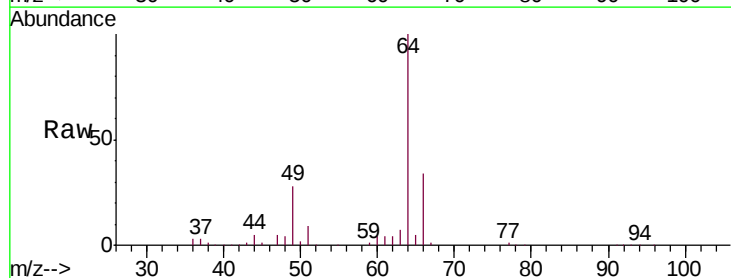
Acq: 25 Jul 2018 12:14

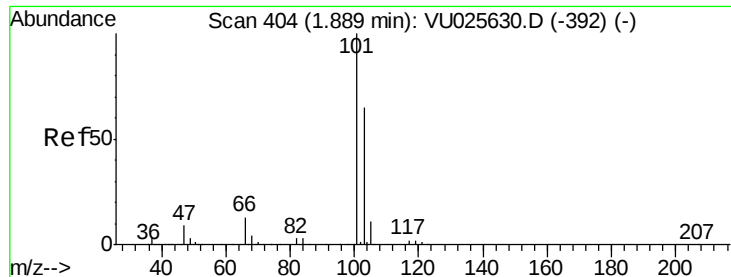
Tgt Ion: 64 Resp: 66284

Ion Ratio Lower Upper

64 100

66 33.5 24.9 37.3





#7

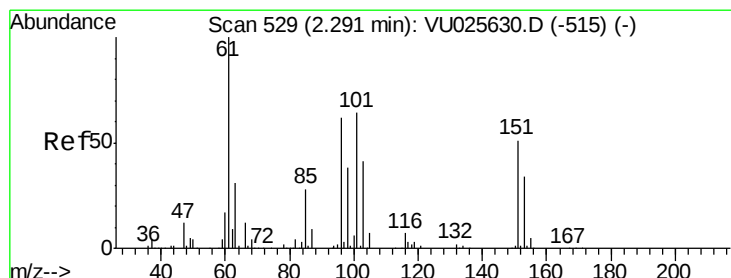
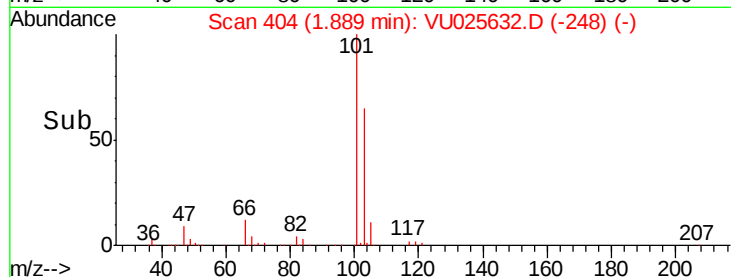
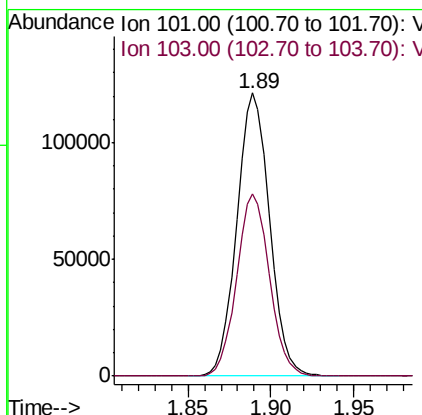
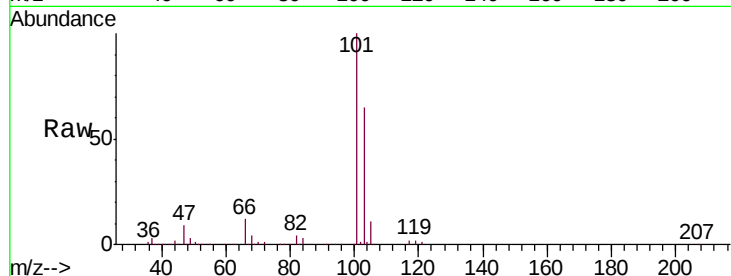
Trichlorofluoromethane  
Concen: 9.332 ug/l  
RT: 1.89 min Scan# 404  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU072518

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 166816 |       |       |
| 103     | 64.6  | 51.4   | 77.0  |       |

Manual Integrations  
APPROVED

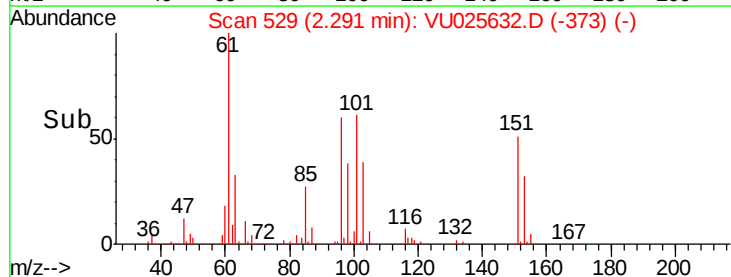
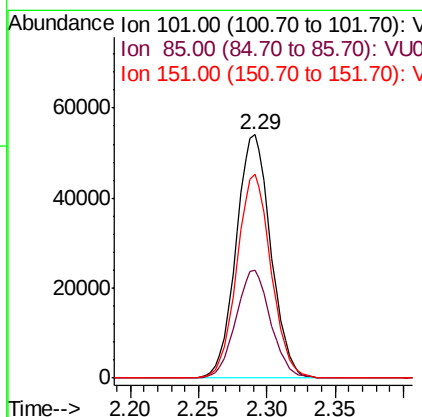
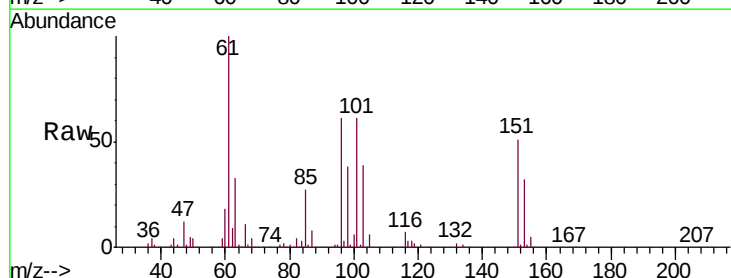
apatel  
7/26/2018 4:26:38 PM

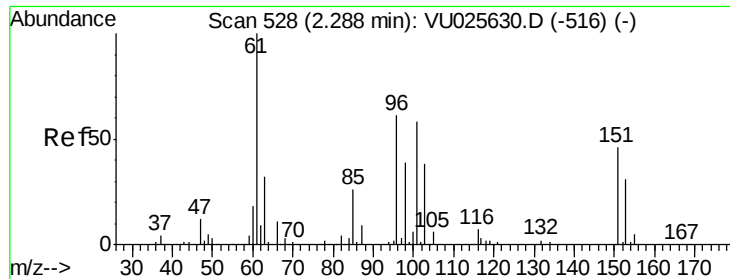


#8

1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 9.731 ug/l  
RT: 2.29 min Scan# 529  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 101     | 100   | 95507 |       |       |
| 85      | 44.3  | 35.2  | 52.8  |       |
| 151     | 82.4  | 63.5  | 95.3  |       |





#9

1,1-Dichloroethene

Concen: 10.266 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA\_U

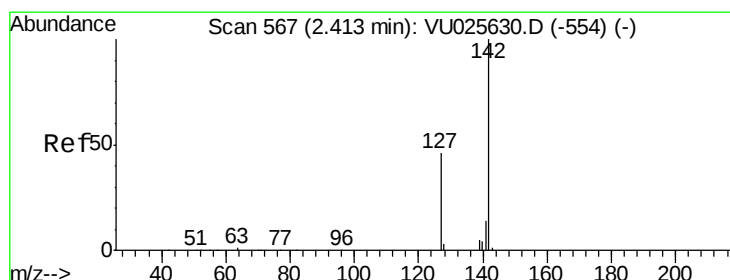
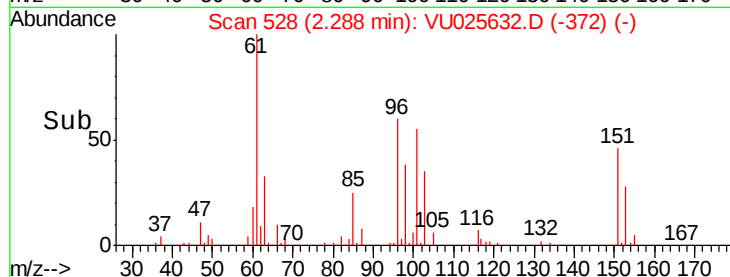
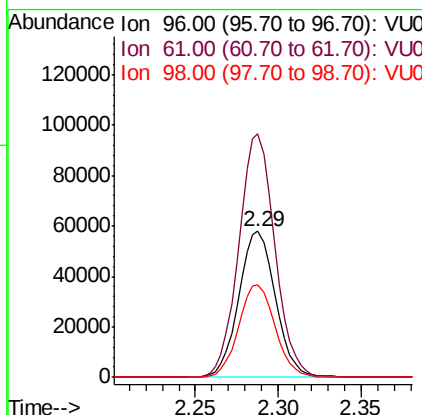
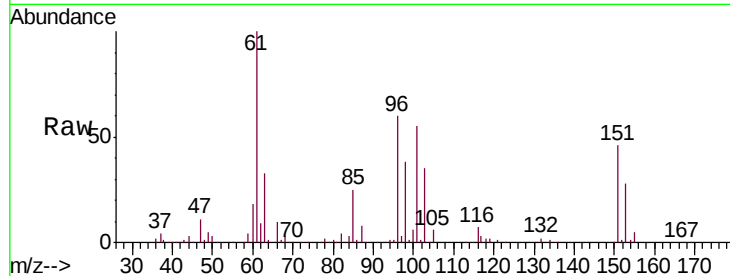
ClientSampleId :

ICVVU072518

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 96    | Resp: | 88915 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 166.7 | 0.0   | 526.5 |
| 98        | 63.0  | 0.0   | 123.4 |

Manual Integrations  
APPROVED

apatel  
7/26/2018 4:26:38 PM



#10

Iodomethane

Concen: 9.622 ug/l

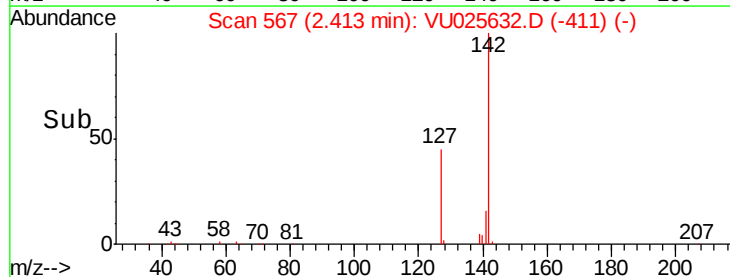
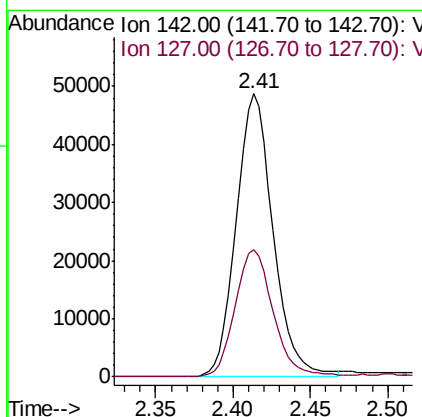
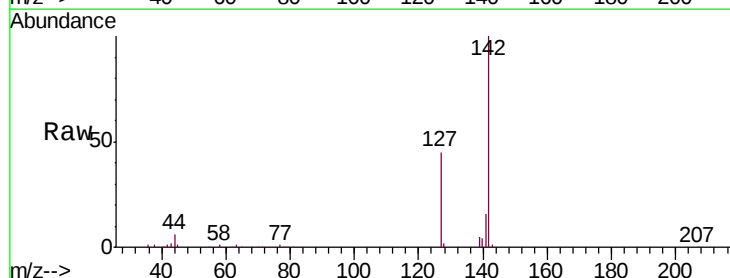
RT: 2.41 min Scan# 567

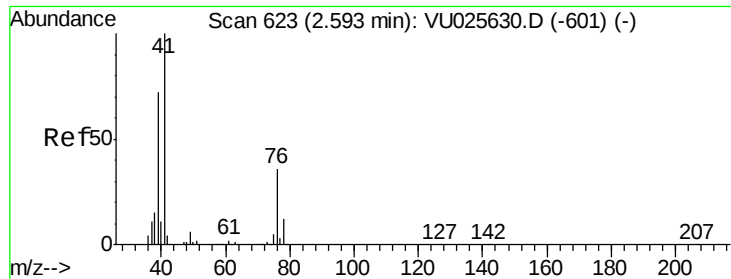
Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 80856 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 46.5  | 34.5  | 51.7  |





#11

Allvl Chloride

Concen: 10.246 ug/l

RT: 2.59 min Scan# 623

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU072518

Tot Ion: 41 Resp: 148348

Ion Ratio Lower Upper

41 100

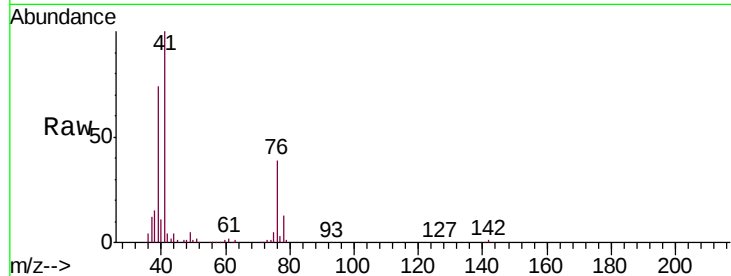
39 72.4 51.4 77.2

Manual Integrations

APPROVED

apatel

7/26/2018 4:26:38 PM



Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

2.59

80000

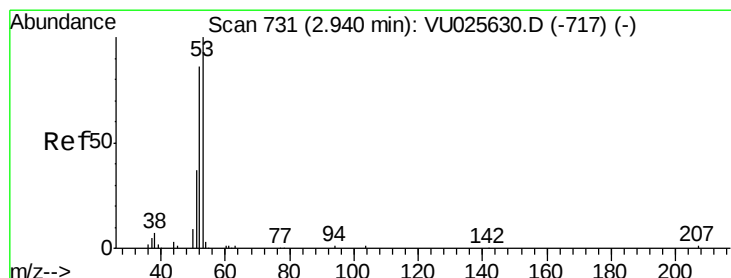
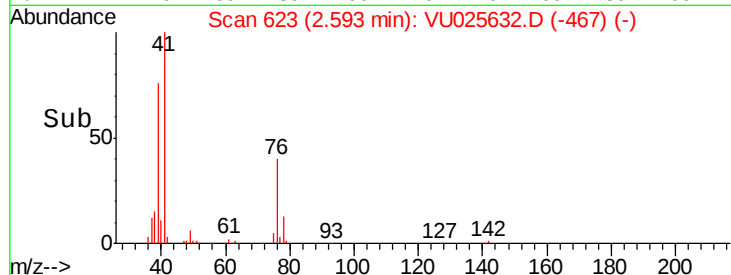
60000

40000

20000

0

Time-->



#12

Acrylonitrile

Concen: 47.613 ug/l

RT: 2.94 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

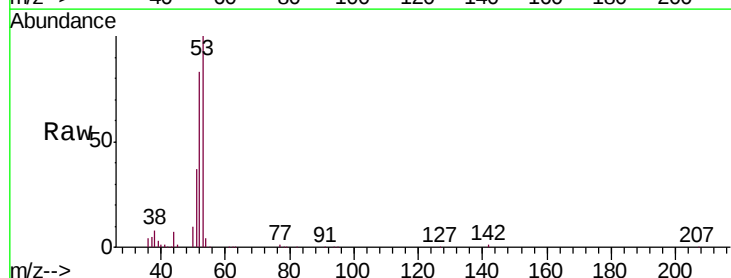
Tgt Ion: 53 Resp: 90912

Ion Ratio Lower Upper

53 100

52 86.2 65.1 97.7

51 37.4 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0

2.94

60000

50000

40000

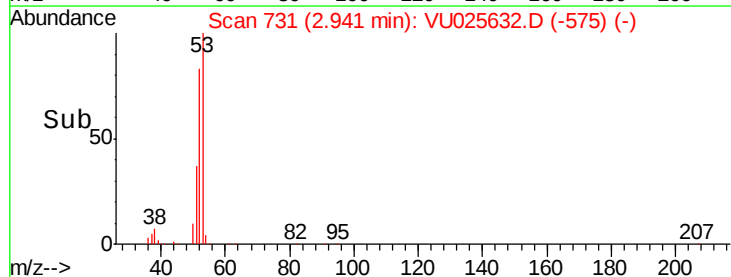
30000

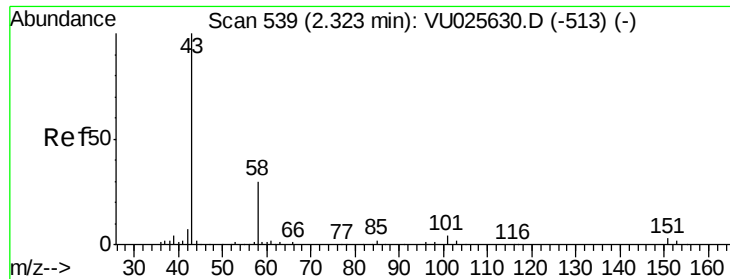
20000

10000

0

Time-->





#13

Acetone

Concen: 90.946 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU072518

Tot Ion: 43 Resp: 151020

Ion Ratio Lower Upper

43 100

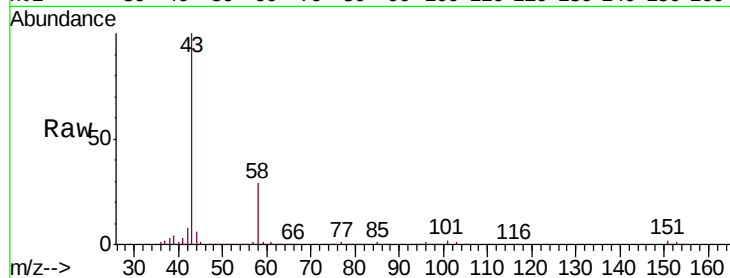
58 29.4 26.0 39.0

Manual Integrations

APPROVED

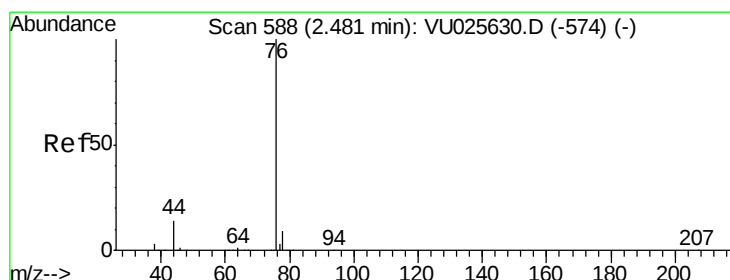
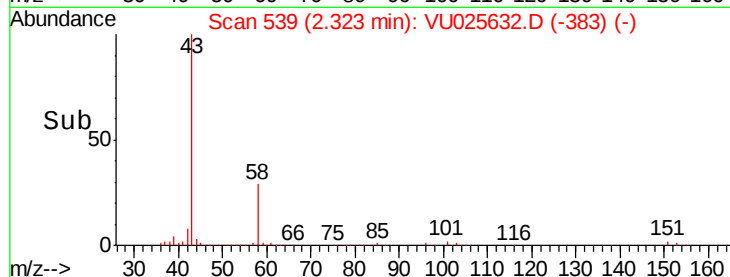
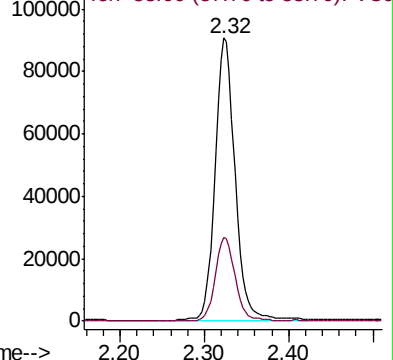
apatel

7/26/2018 4:26:38 PM



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 9.508 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU025632.D

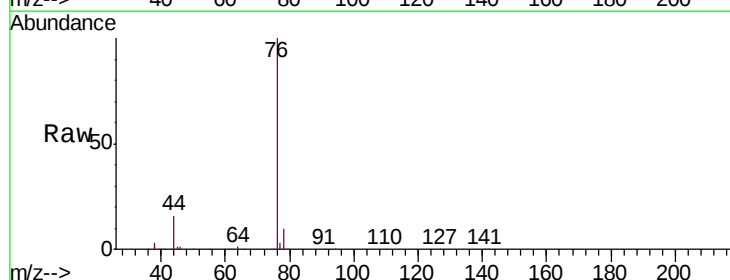
Acq: 25 Jul 2018 12:14

Tgt Ion: 76 Resp: 281662

Ion Ratio Lower Upper

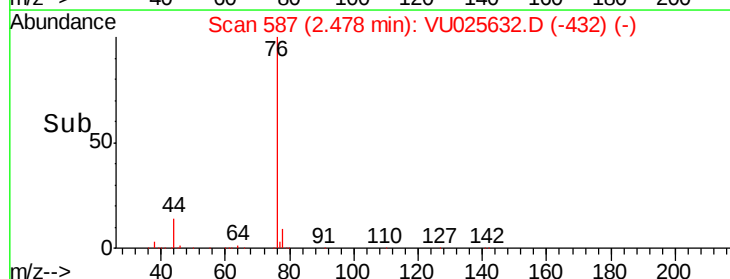
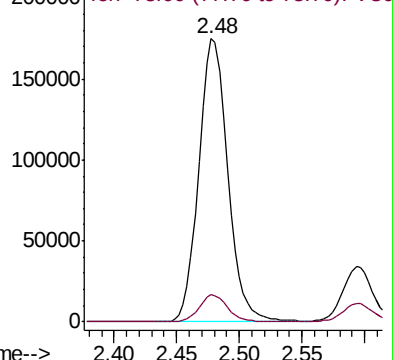
76 100

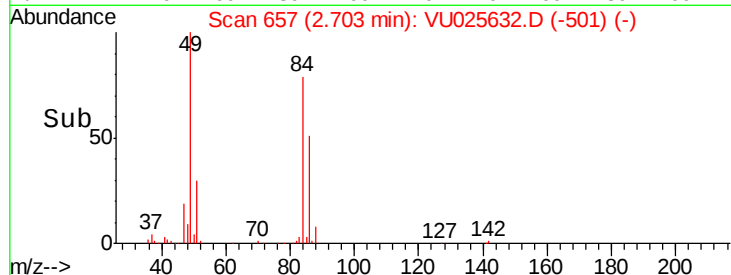
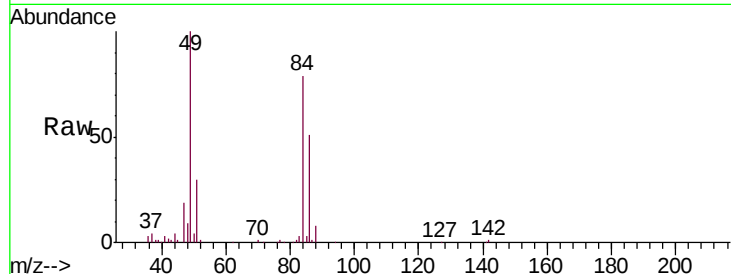
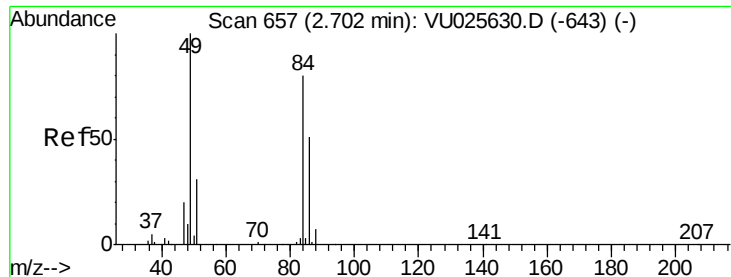
78 9.4 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0





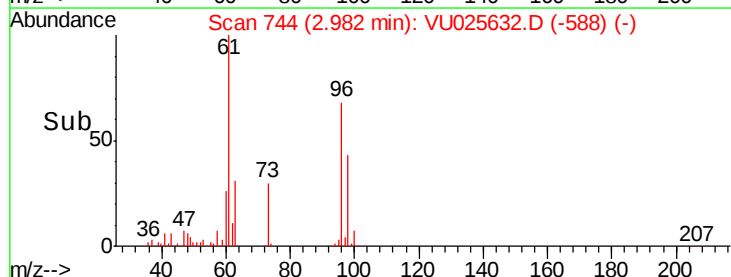
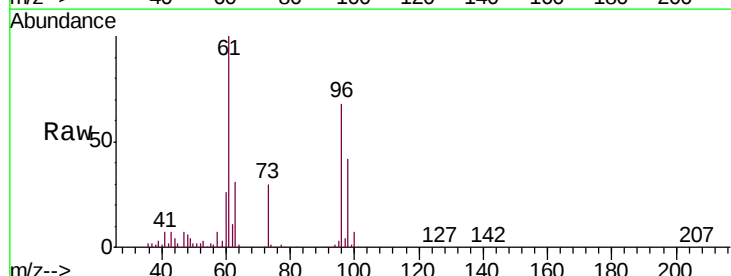
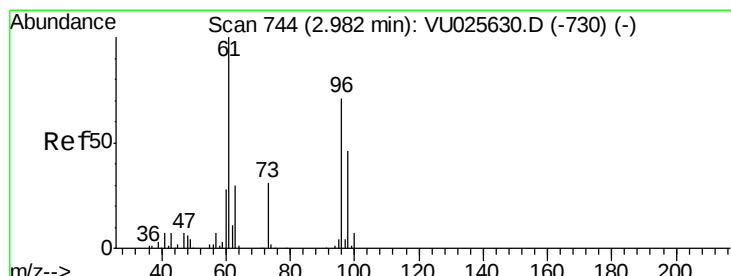
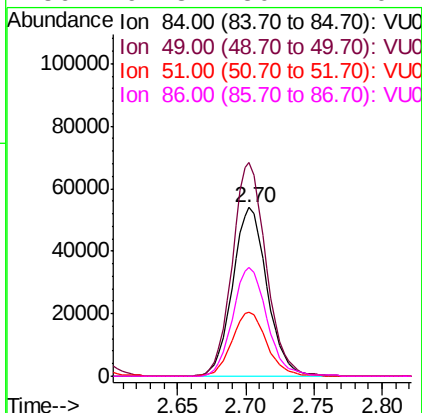
#15  
Methvlene Chloride  
Concen: 9.200 ug/l  
RT: 2.70 min Scan# 657  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 126.8 | 108.7 | 163.1 |
| 51      | 38.0  | 0.0   | 82.4  |
| 86      | 64.3  | 50.7  | 76.1  |

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU072518

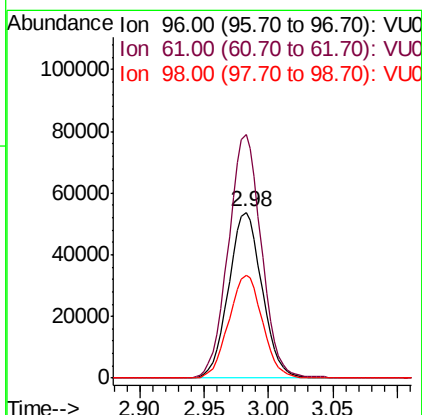
Manual Integrations  
APPROVED

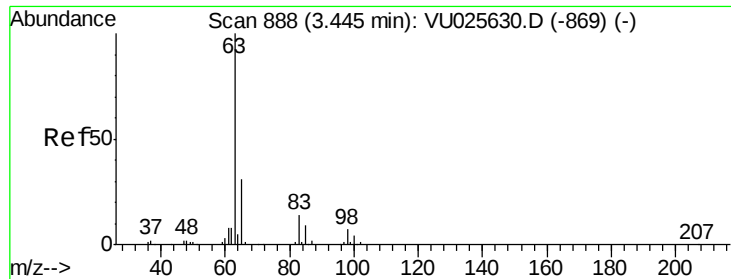
apatel  
7/26/2018 4:26:38 PM



#16  
trans-1,2-Dichloroethene  
Concen: 10.002 ug/l  
RT: 2.98 min Scan# 744  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 146.5 | 123.9 | 185.9 |
| 98      | 62.2  | 50.6  | 76.0  |





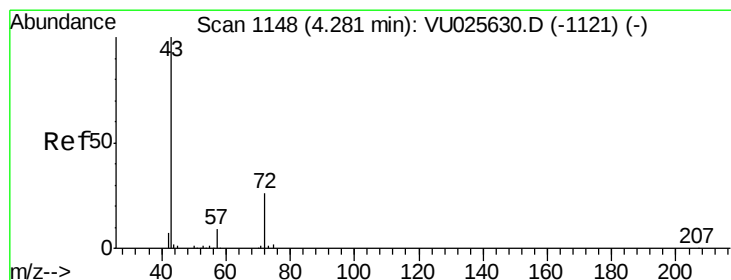
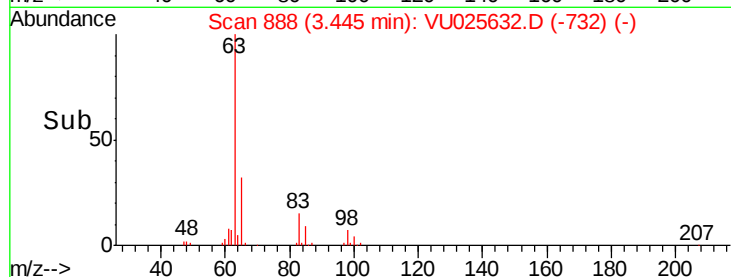
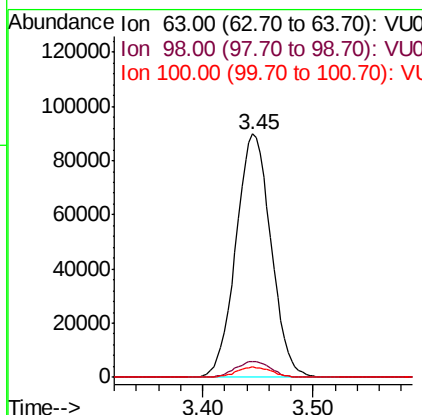
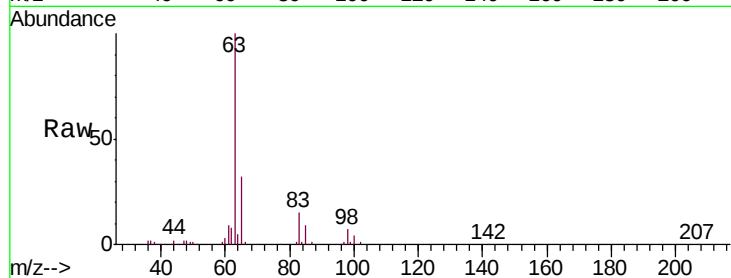
#17  
 1,1-Dichloroethane  
 Concen: 10.276 ug/l  
 RT: 3.45 min Scan# 888  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU072518

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 63      | 100   |            |       |
| 98      | 6.5   | 2.9        | 8.8   |
| 100     | 4.2   | 2.0        | 5.8   |

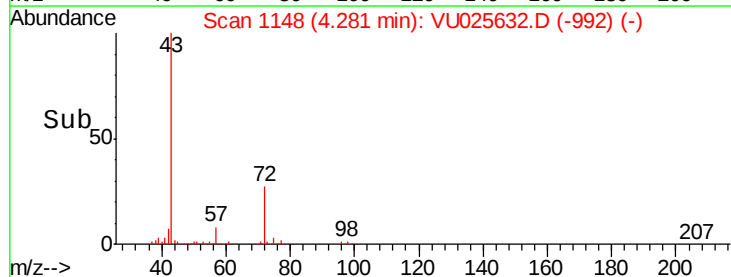
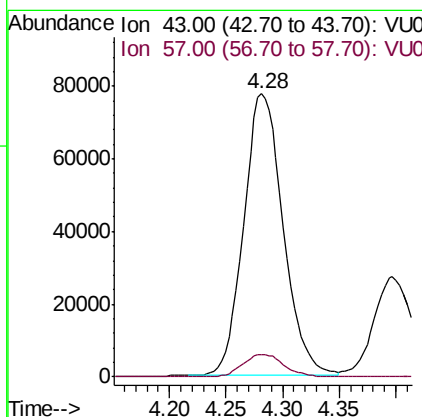
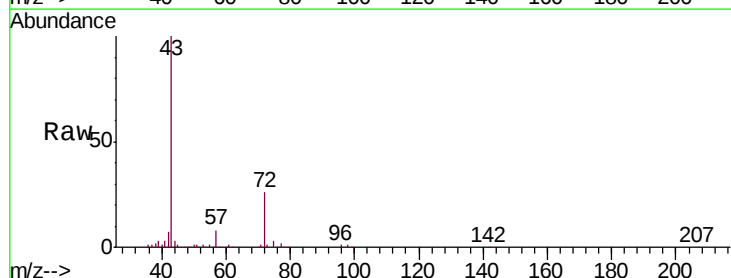
Manual Integrations  
 APPROVED

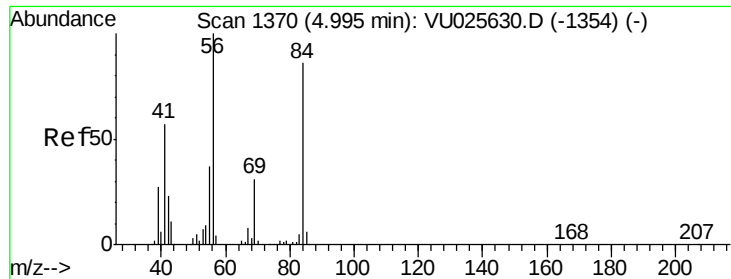
apatel  
 7/26/2018 4:26:38 PM



#18  
 2-Butanone  
 Concen: 65.256 ug/l  
 RT: 4.28 min Scan# 1148  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 57      | 7.9   | 0.0   | 15.8  |





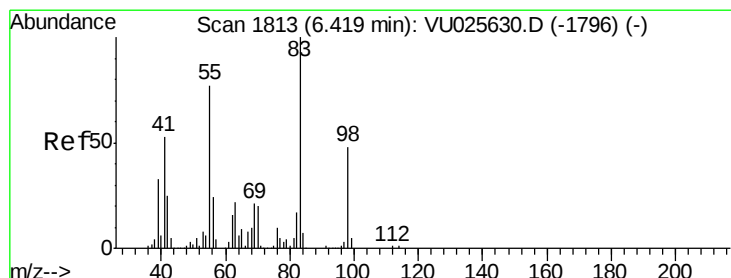
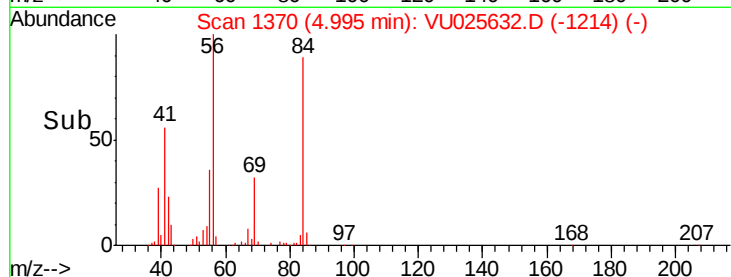
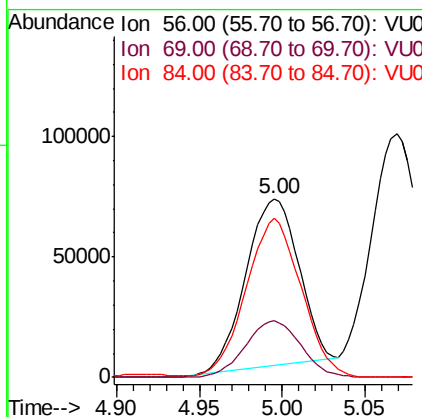
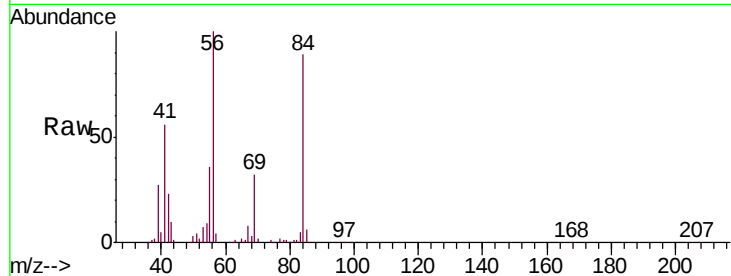
#19  
Cyclohexane  
Concen: 10.426 ug/l  
RT: 5.00 min Scan# 1370  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

Instrument :  
MSVOA\_U  
ClientSampled :  
ICVVU072518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 35.4  | 26.0  | 39.0  |
| 84      | 97.7  | 68.3  | 102.5 |

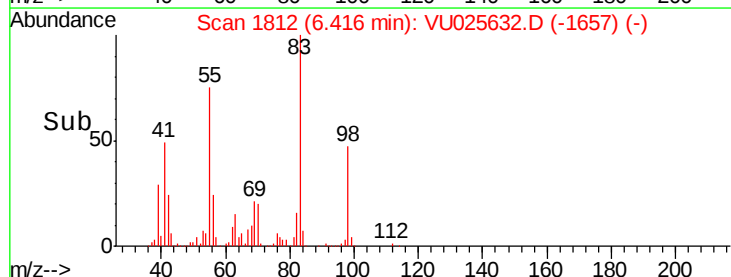
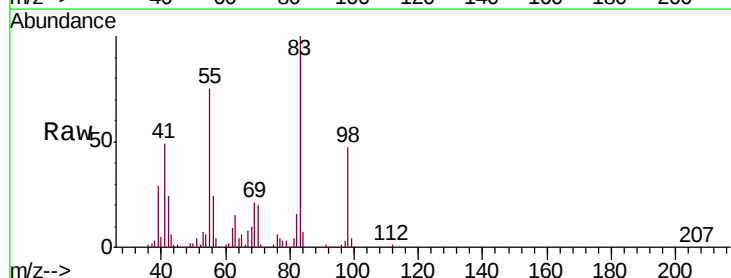
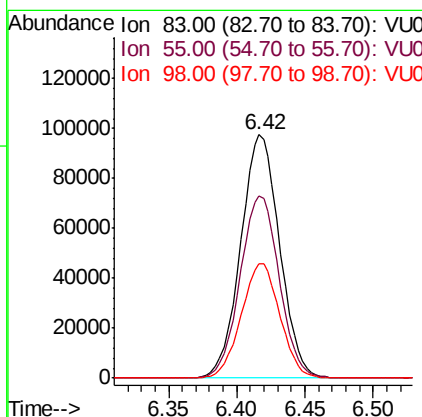
Manual Integrations  
APPROVED

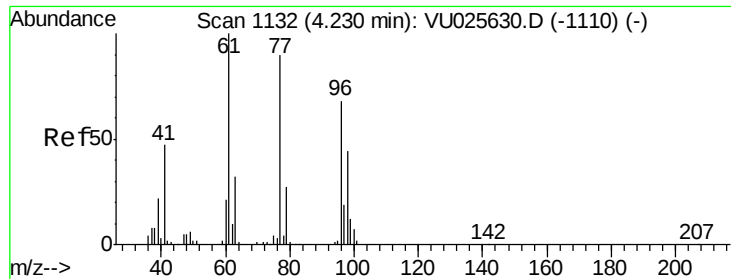
apatel  
7/26/2018 4:26:38 PM



#20  
Methylcyclohexane  
Concen: 10.579 ug/l  
RT: 6.42 min Scan# 1812  
Delta R.T. -0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 75.4  | 66.4  | 99.6  |
| 98      | 47.0  | 35.4  | 53.2  |





#21

2,2-Dichloropropane

Concen: 10.378 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU072518

Tot Ion: 77 Resp: 190573

Ion Ratio Lower Upper

77 100

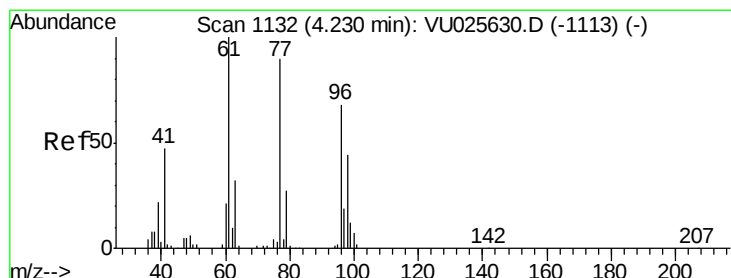
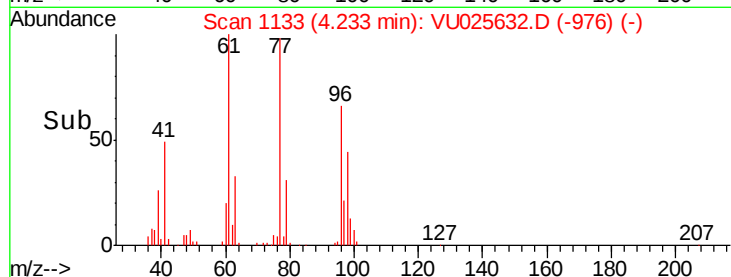
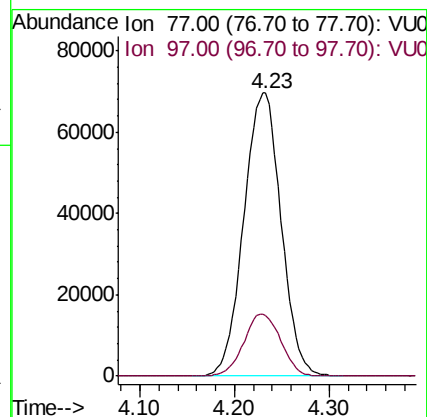
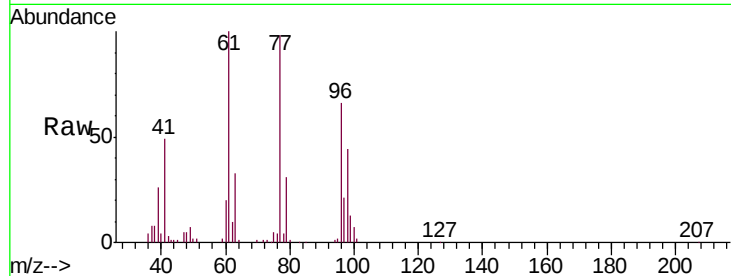
97 21.9 17.9 26.9

Manual Integrations

APPROVED

apatel

7/26/2018 4:26:38 PM



#22

cis-1,2-Dichloroethene

Concen: 9.860 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

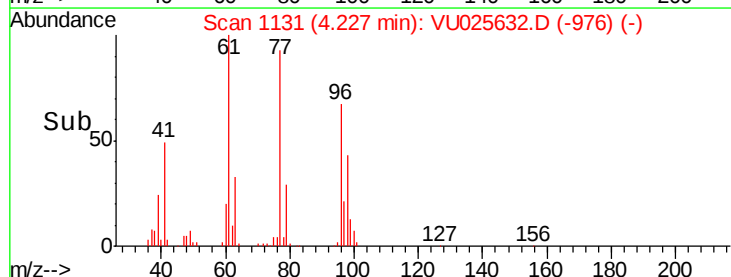
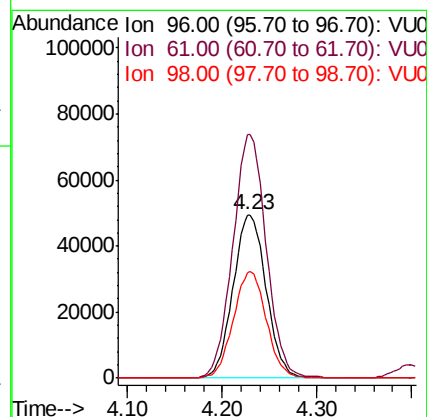
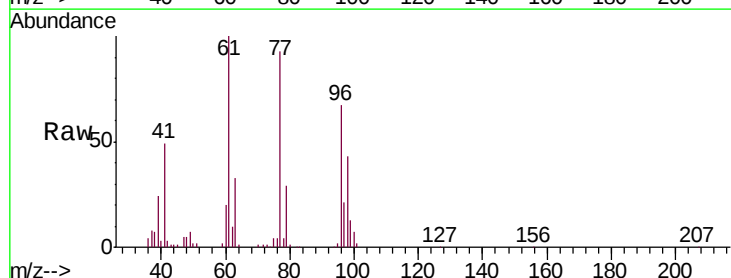
Tgt Ion: 96 Resp: 120554

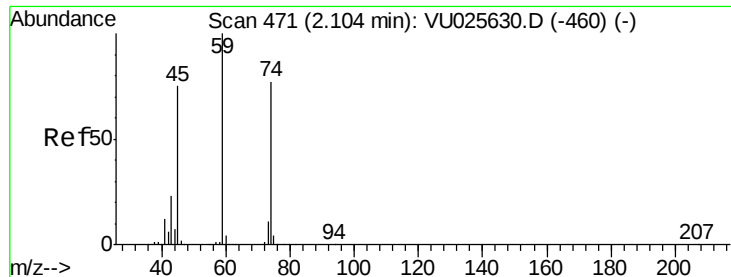
Ion Ratio Lower Upper

96 100

61 150.3 0.0 400.5

98 64.7 32.2 96.6





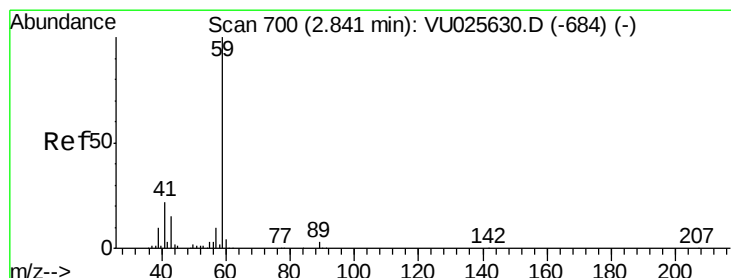
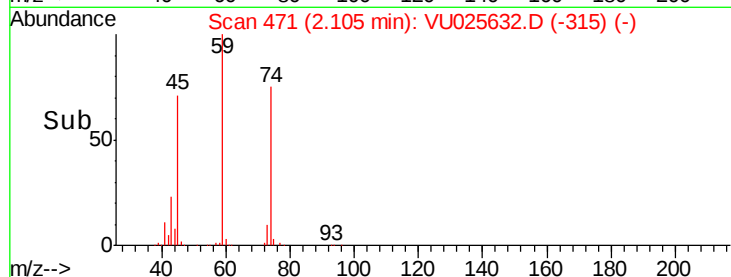
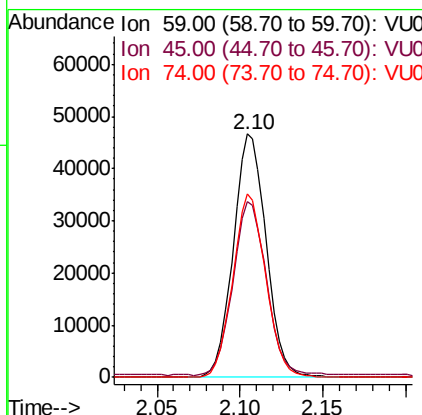
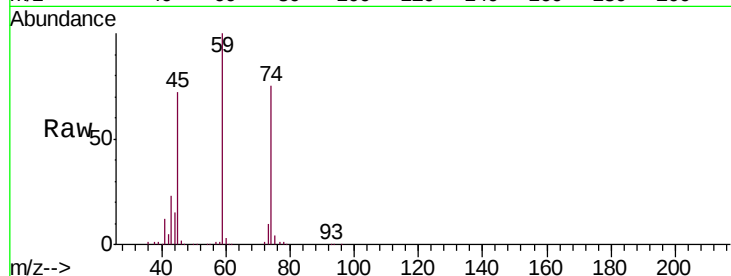
#23  
Diethyl Ether  
Concen: 9.789 ug/l  
RT: 2.10 min Scan# 471  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU072518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 45      | 72.4  | 60.0  | 90.0  |
| 74      | 75.5  | 56.5  | 84.7  |

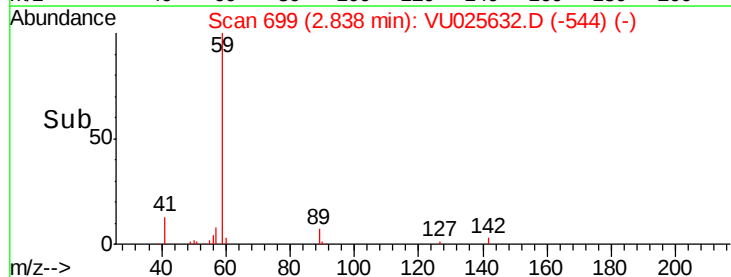
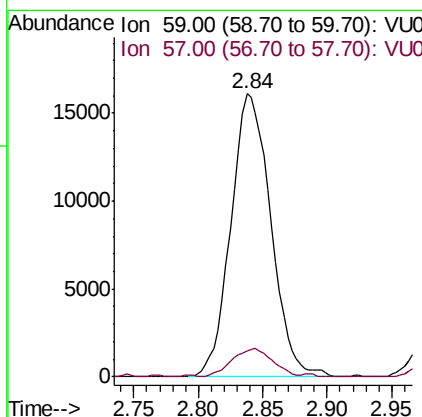
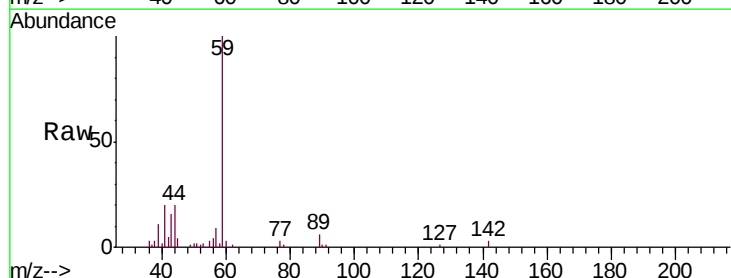
Manual Integrations  
APPROVED

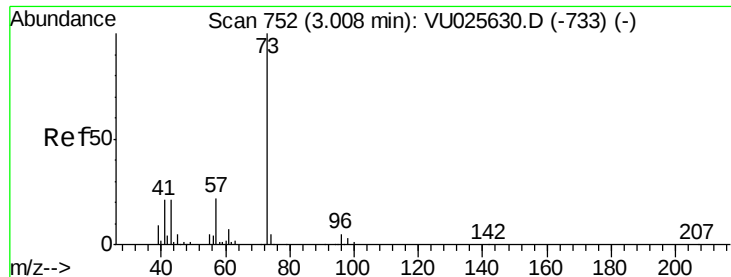
apatel  
7/26/2018 4:26:38 PM



#24  
tert-Butyl Alcohol  
Concen: 44.994 ug/l  
RT: 2.84 min Scan# 699  
Delta R.T. -0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.3  | 3.4   | 5.2#  |





#25

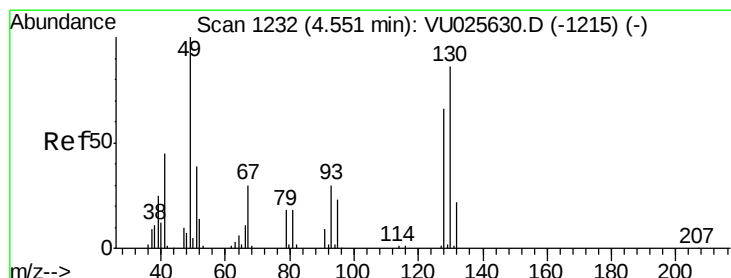
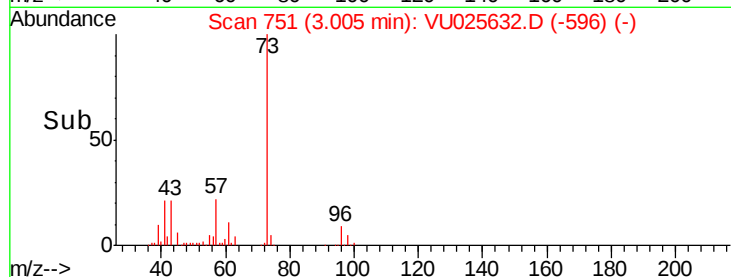
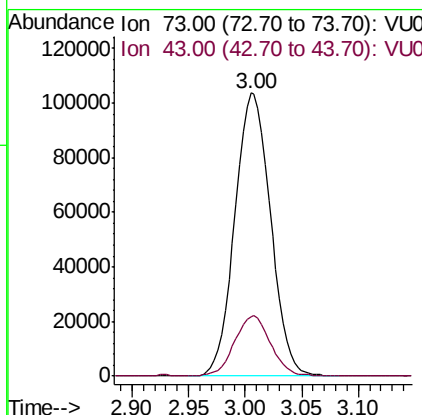
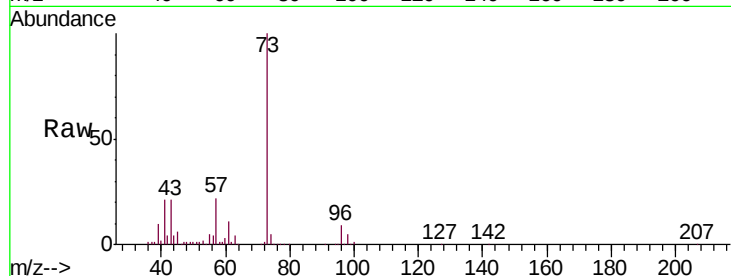
Methyl tert-Butyl Ether  
 Concen: 9.759 ug/l  
 RT: 3.00 min Scan# 751  
 Delta R.T. -0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU072518

| Tot Ion   | 73    | Resp  | 228587 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 73        | 100   |       |        |
| 43        | 21.1  | 16.2  | 24.2   |

Manual Integrations  
 APPROVED

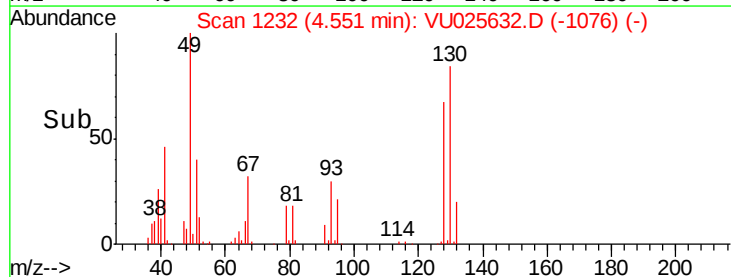
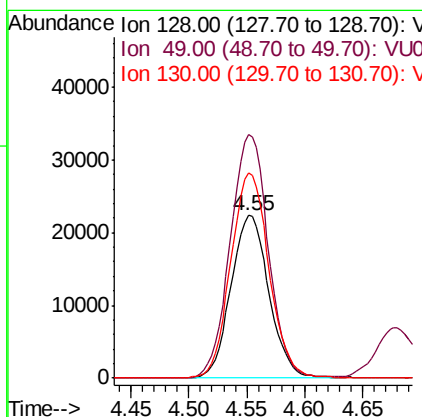
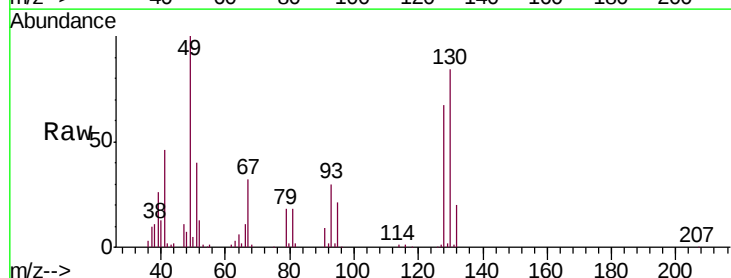
apatel  
 7/26/2018 4:26:38 PM

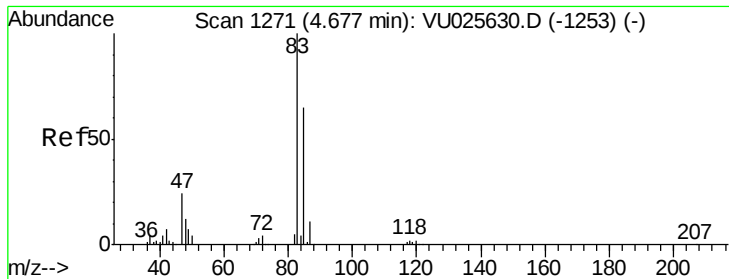


#26

Bromochloromethane  
 Concen: 9.450 ug/l  
 RT: 4.55 min Scan# 1232  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

| Tgt Ion   | 128   | Resp  | 50878 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 49        | 150.1 | 0.0   | 375.2 |
| 130       | 127.8 | 105.8 | 158.6 |





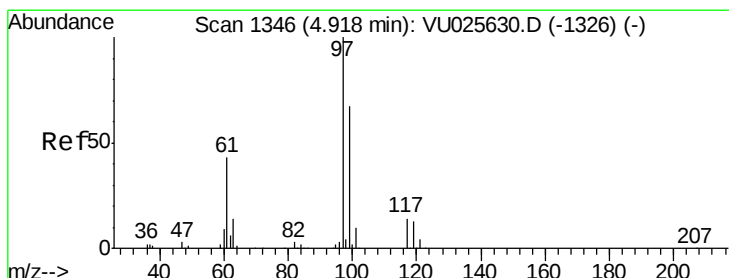
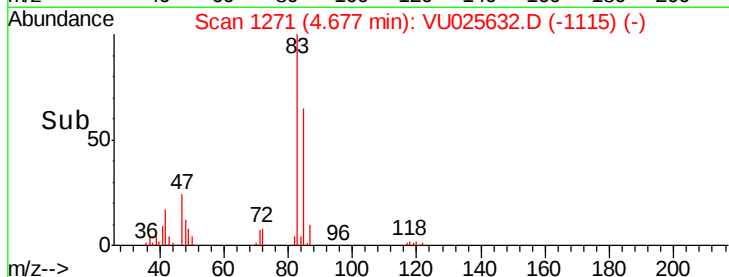
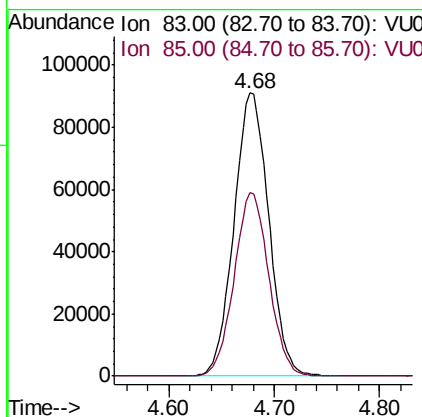
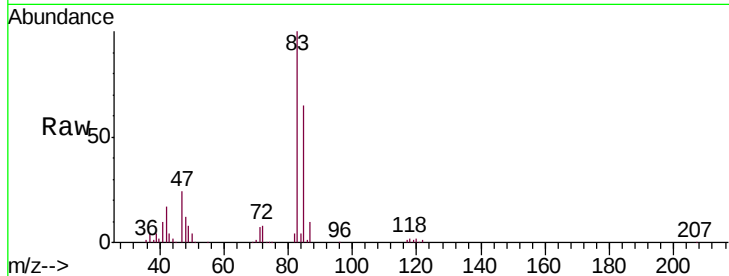
#27  
Chloroform  
Concen: 9.853 ug/l  
RT: 4.68 min Scan# 1271  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU072518

| Tot Ion   | 83   | Resp  | 208552 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 85        | 64.8 | 0.0   | 128.4  |

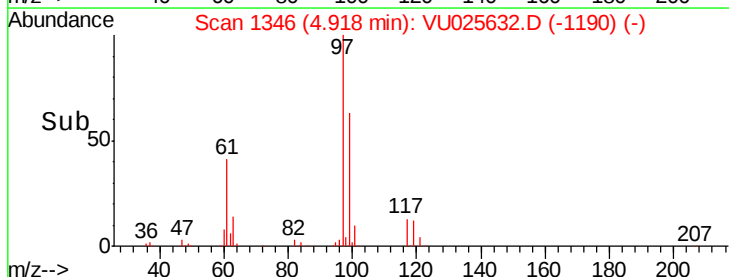
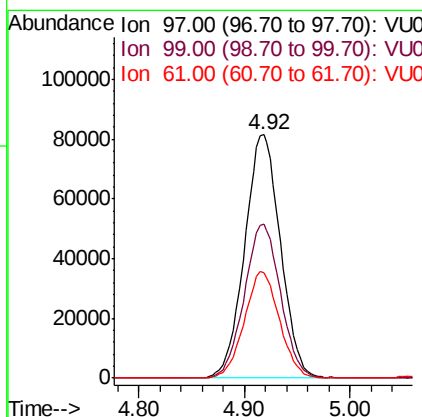
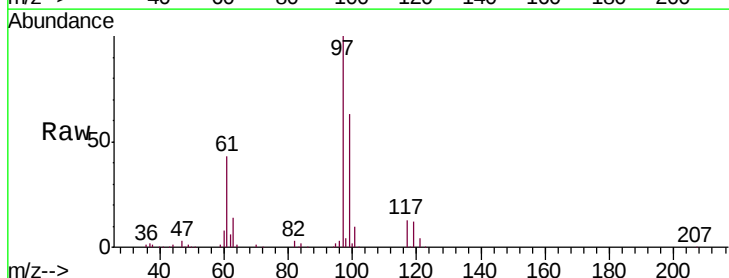
Manual Integrations  
APPROVED

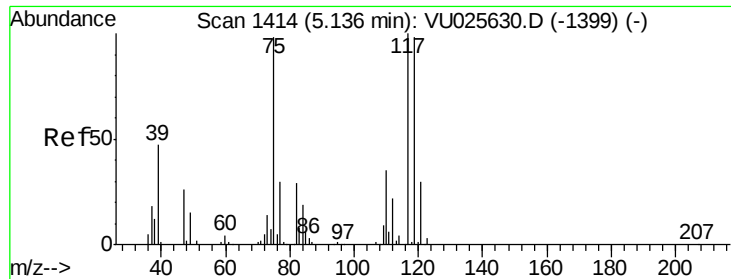
apatel  
7/26/2018 4:26:38 PM



#28  
1,1,1-Trichloroethane  
Concen: 10.098 ug/l  
RT: 4.92 min Scan# 1346  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

| Tgt Ion   | 97   | Resp  | 192768 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 99        | 63.7 | 32.3  | 96.9   |
| 61        | 43.0 | 23.2  | 69.5   |





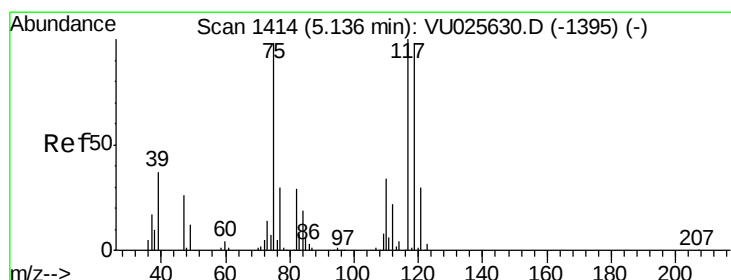
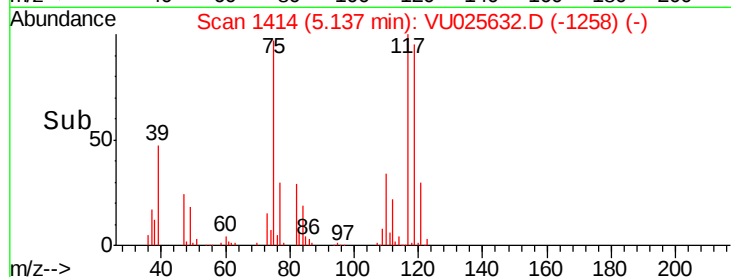
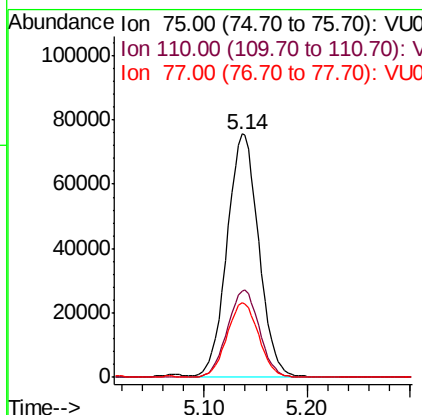
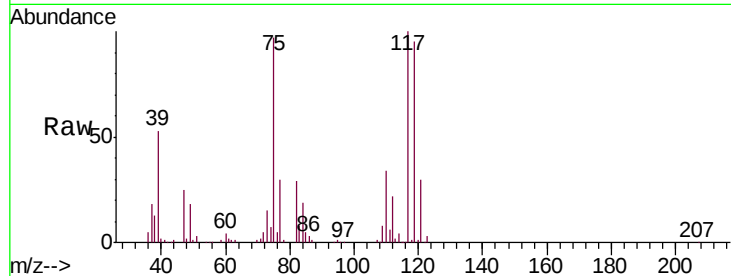
#29  
 1,1-Dichloropropene  
 Concen: 10.364 ug/l  
 RT: 5.14 min Scan# 1414  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU072518

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 162259 |       |       |
| 110     | 35.9  | 16.9   | 50.7  |       |
| 77      | 30.7  | 24.8   | 37.2  |       |

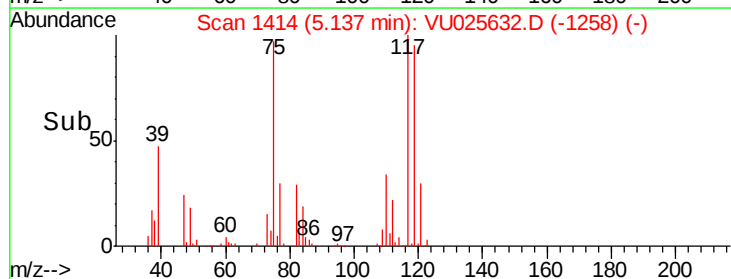
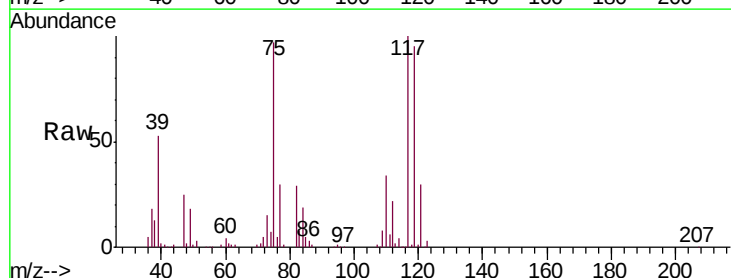
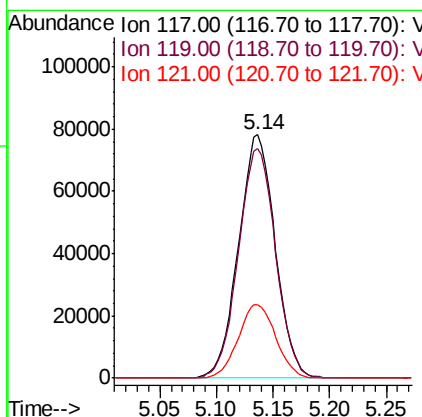
Manual Integrations  
 APPROVED

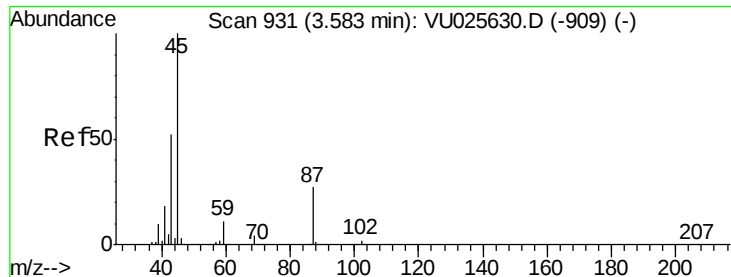
apatel  
 7/26/2018 4:26:38 PM



#30  
 Carbon Tetrachloride  
 Concen: 10.160 ug/l  
 RT: 5.14 min Scan# 1414  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 176129 |       |       |
| 119     | 94.5  | 77.3   | 115.9 |       |
| 121     | 30.3  | 24.5   | 36.7  |       |





#31

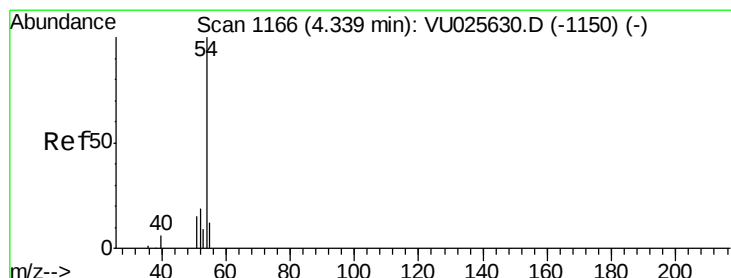
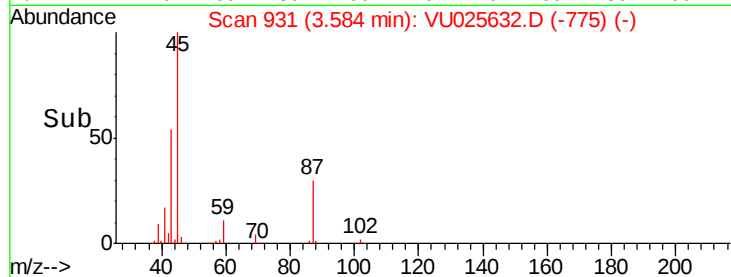
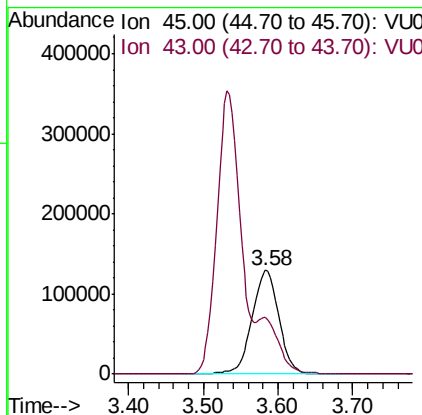
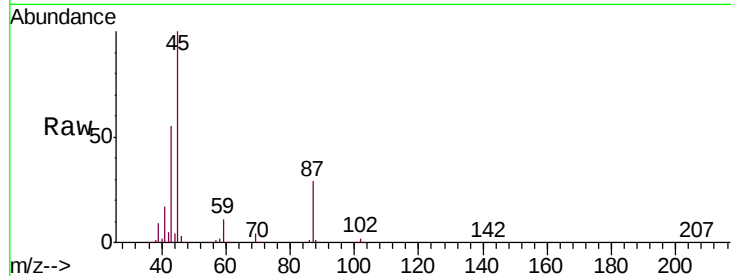
Isopropyl Ether  
 Concen: 10.506 ug/l  
 RT: 3.58 min Scan# 931  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU072518

| Tot Ion   | 45    | Resp  | 324204 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 43        | 235.3 | 24.0  | 72.0#  |

Manual Integrations  
 APPROVED

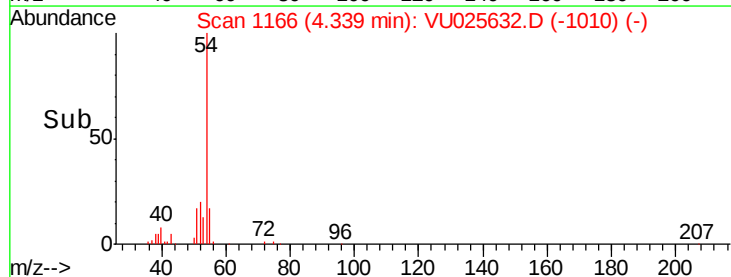
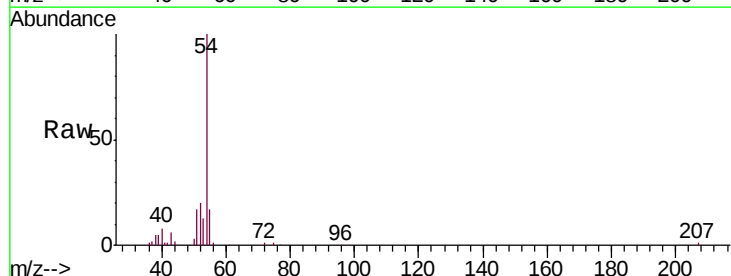
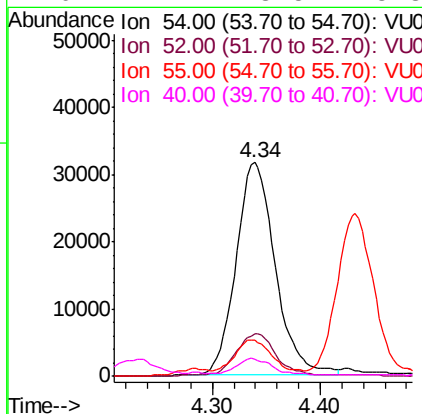
apatel  
 7/26/2018 4:26:38 PM

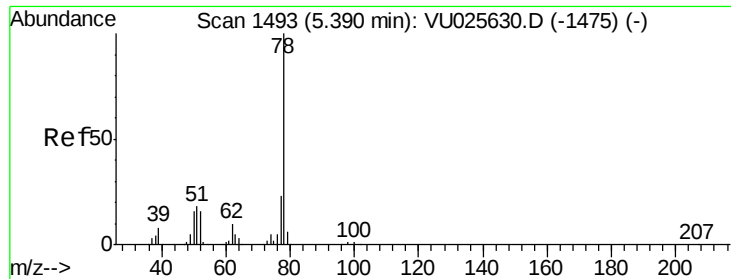


#34

Propionitrile  
 Concen: 99.509 ug/l  
 RT: 4.34 min Scan# 1166  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

| Tgt Ion   | 54   | Resp  | 79671 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 52        | 18.9 | 13.7  | 20.5  |
| 55        | 17.0 | 10.2  | 15.2# |
| 40        | 7.4  | 3.5   | 5.3#  |





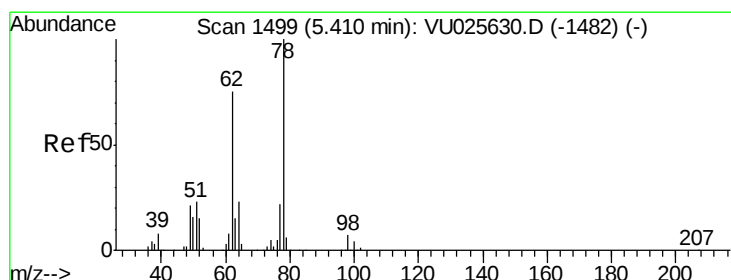
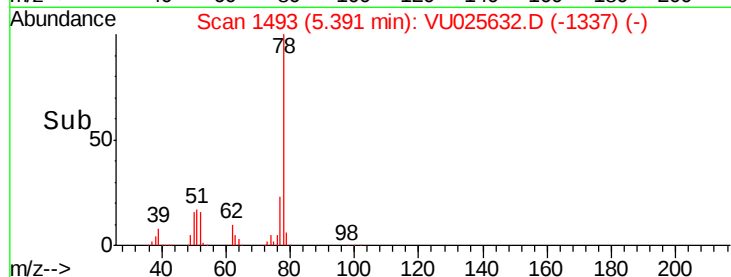
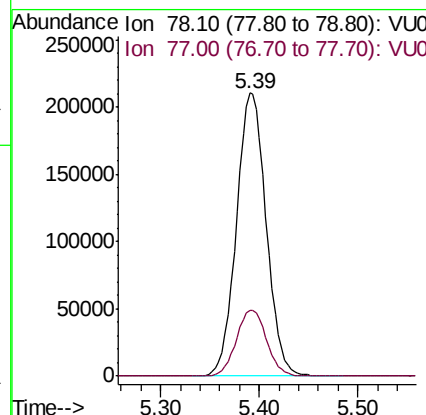
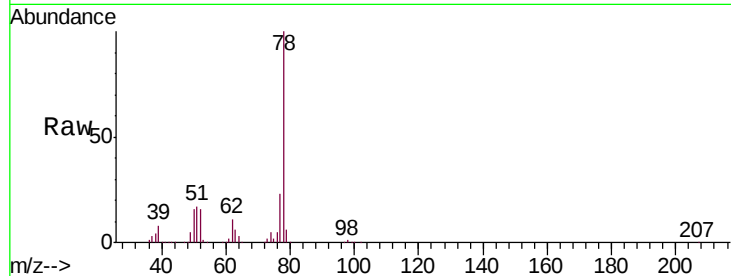
#35  
Benzene  
Concen: 10.066 ug/l  
RT: 5.39 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU072518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.3  | 19.1  | 28.7  |

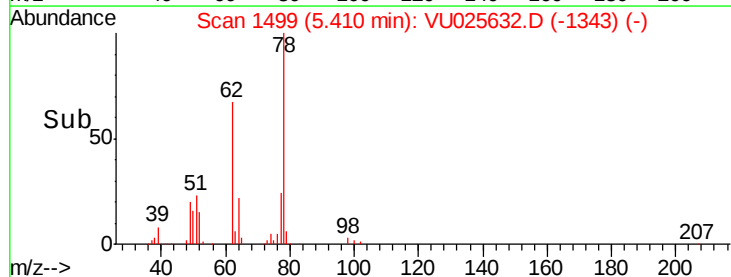
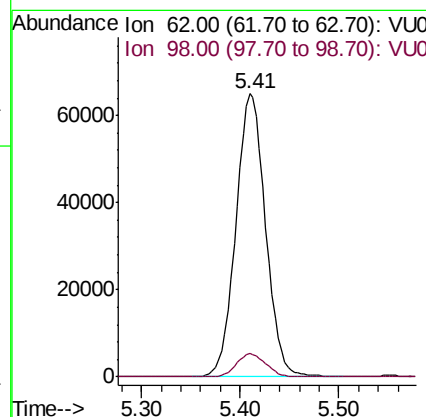
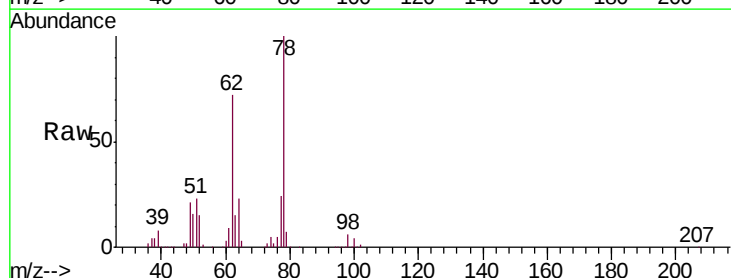
Manual Integrations  
APPROVED

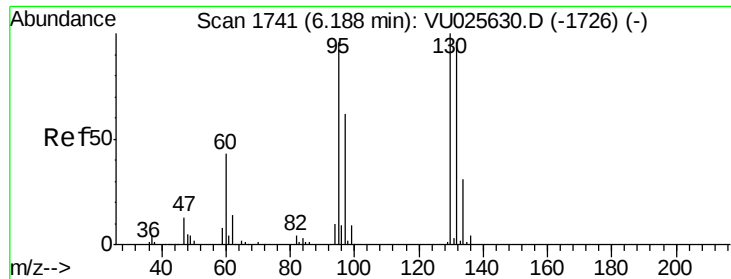
apatel  
7/26/2018 4:26:38 PM



#36  
1,2-Dichloroethane  
Concen: 10.095 ug/l  
RT: 5.41 min Scan# 1499  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.2   | 7.2   | 10.8  |





#37

Trichloroethene

Concen: 9.910 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU072518

Tot Ion:130 Resp: 127773

Ion Ratio Lower Upper

130 100

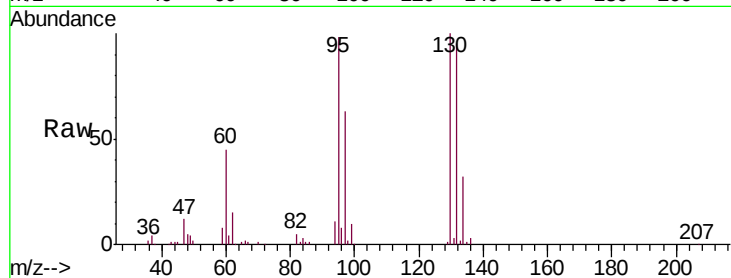
95 97.7 77.9 116.9

Manual Integrations

APPROVED

apatel

7/26/2018 4:26:38 PM

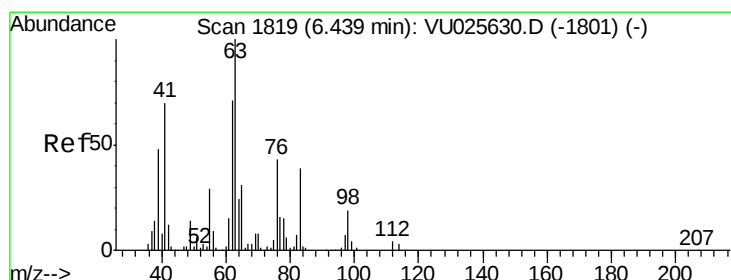
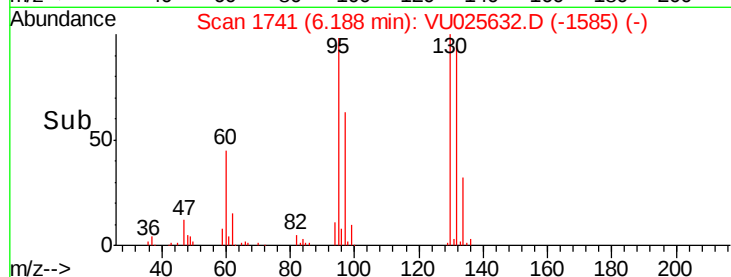


Abundance Ion 129.90 (129.60 to 130.60): VU025632.D (-1726) (-)

Ion 94.90 (94.60 to 95.60): VU025632.D (-1726) (-)

6.19

Time-->



#38

1,2-Dichloropropane

Concen: 10.132 ug/l

RT: 6.44 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VU025632.D

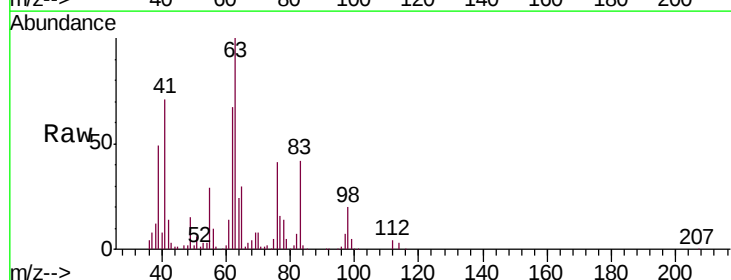
Acq: 25 Jul 2018 12:14

Tgt Ion: 63 Resp: 115071

Ion Ratio Lower Upper

63 100

65 30.2 25.8 38.8

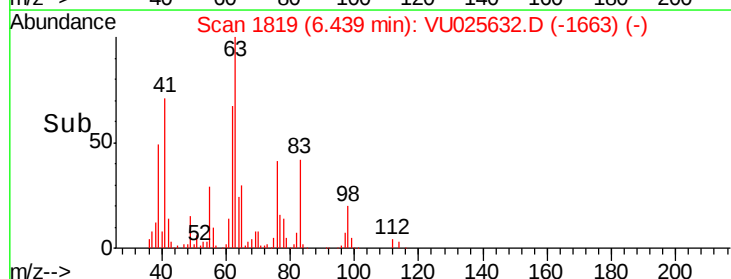


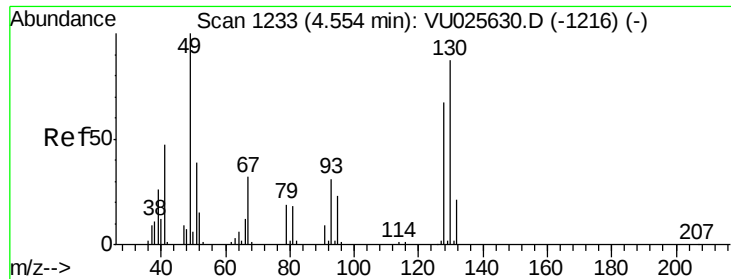
Abundance Ion 63.00 (62.70 to 63.70): VU025632.D (-1801) (-)

Ion 65.00 (64.70 to 65.70): VU025632.D (-1801) (-)

6.44

Time-->





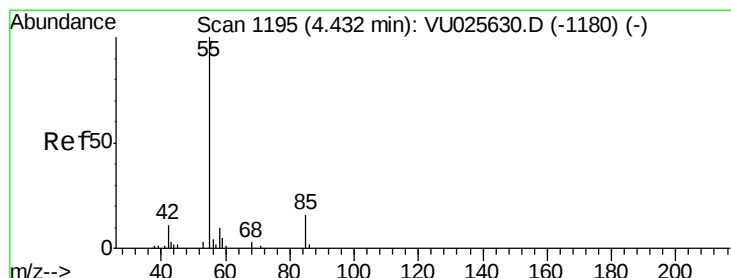
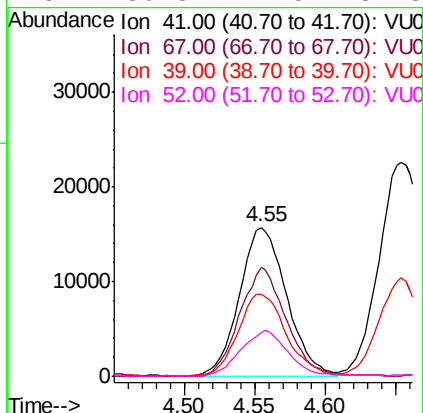
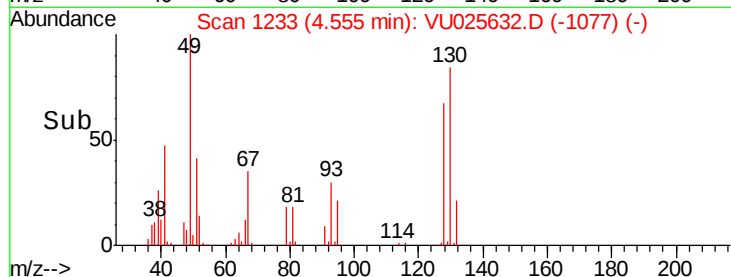
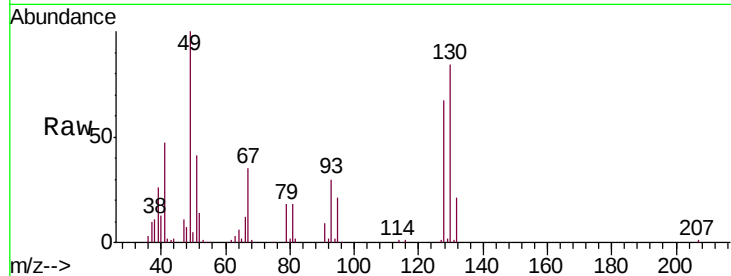
#39  
Methacrylonitrile  
Concen: 9.989 ug/l  
RT: 4.55 min Scan# 1233  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU072518

| Tot Ion | 41    | Resp  | 36819 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 67      | 71.1  | 51.3  | 76.9  |
| 39      | 56.6  | 40.6  | 60.8  |
| 52      | 30.8  | 21.5  | 32.3  |

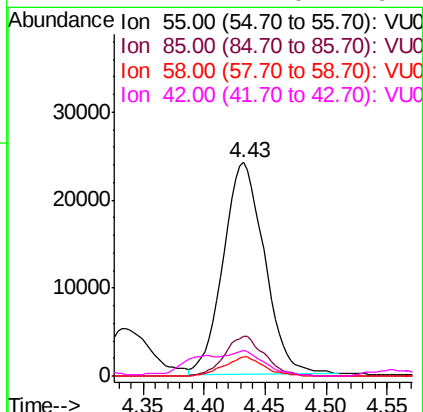
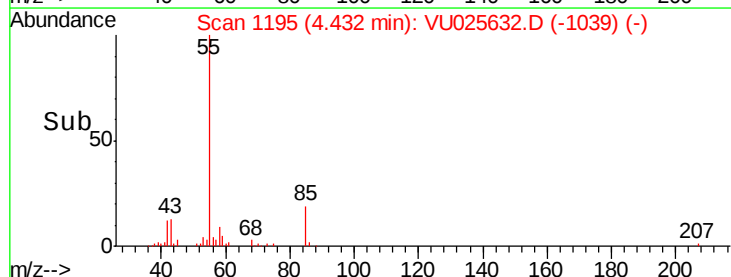
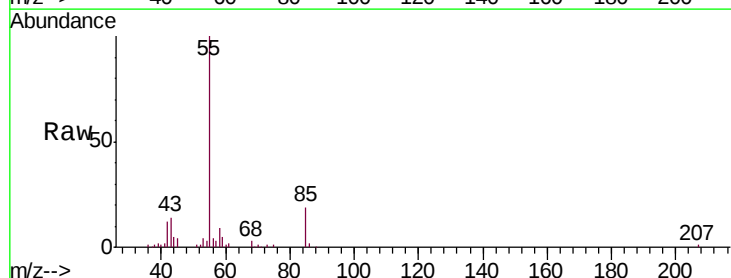
Manual Integrations  
APPROVED

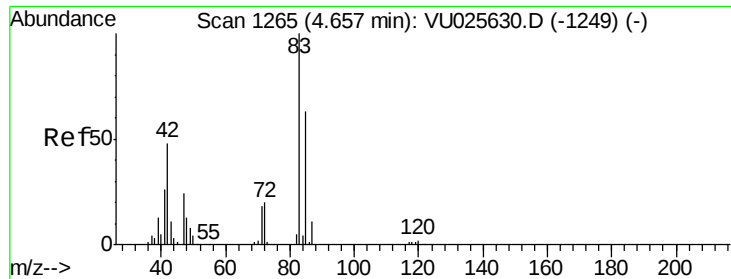
apatel  
7/26/2018 4:26:38 PM



#40  
Methyl acrylate  
Concen: 10.213 ug/l  
RT: 4.43 min Scan# 1195  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

| Tgt Ion | 55    | Resp  | 56773 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 55      | 100   |       |       |
| 85      | 18.2  | 12.3  | 18.5  |
| 58      | 8.6   | 7.0   | 10.6  |
| 42      | 7.2   | 7.0   | 10.4  |





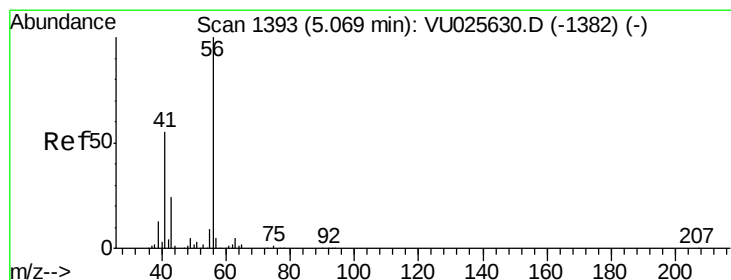
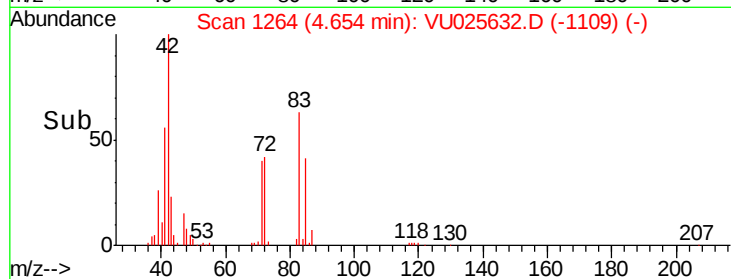
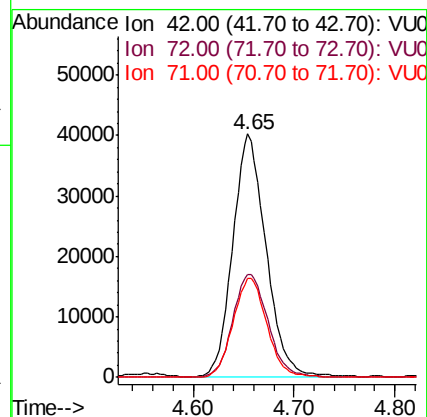
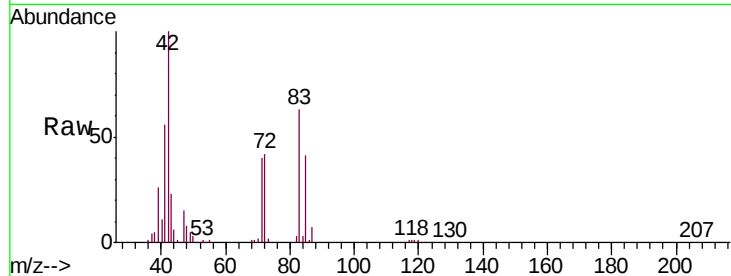
#41  
 Tetrahydrofuran  
 Concen: 42.554 ug/l  
 RT: 4.65 min Scan# 1264  
 Delta R.T. -0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU072518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.6  | 33.2  | 49.8  |
| 71      | 41.2  | 29.8  | 44.8  |

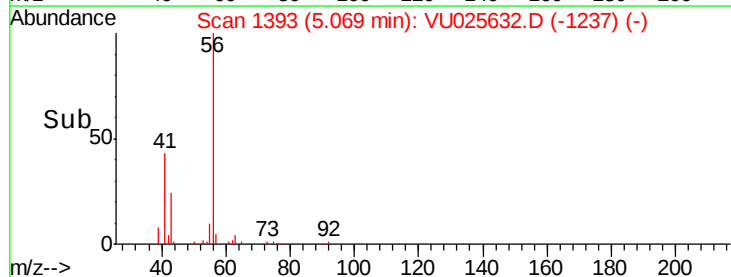
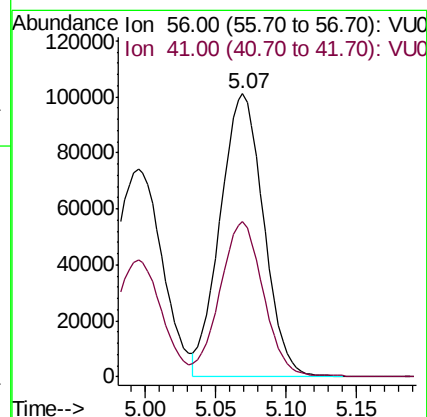
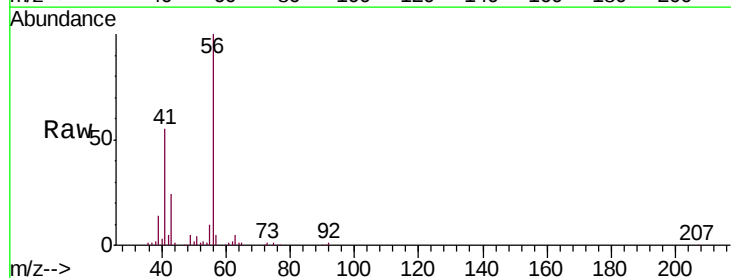
Manual Integrations  
 APPROVED

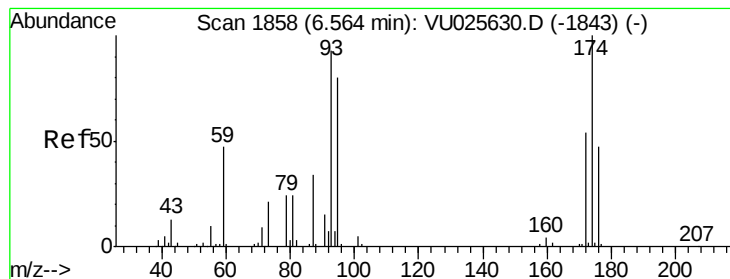
apatel  
 7/26/2018 4:26:38 PM



#42  
 1-Chlorobutane  
 Concen: 10.120 ug/l  
 RT: 5.07 min Scan# 1393  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 41      | 54.3  | 27.5  | 82.5  |





#43

Dibromomethane

Concen: 10.103 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA\_U

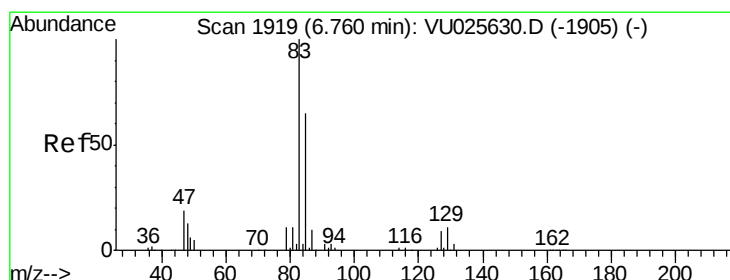
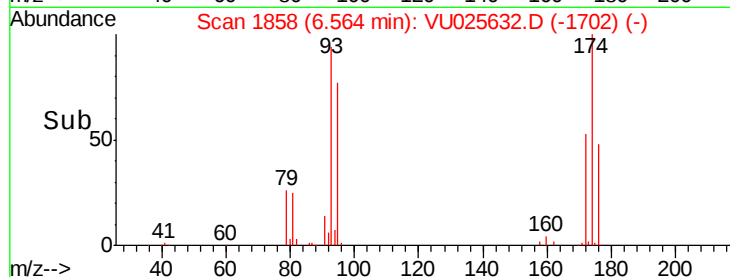
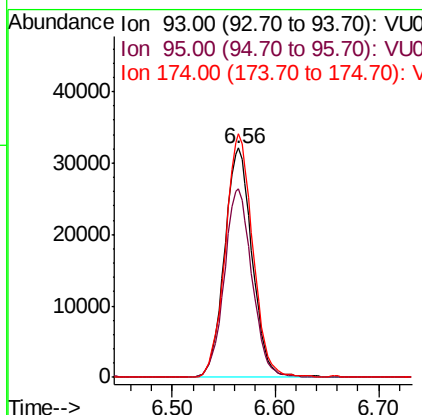
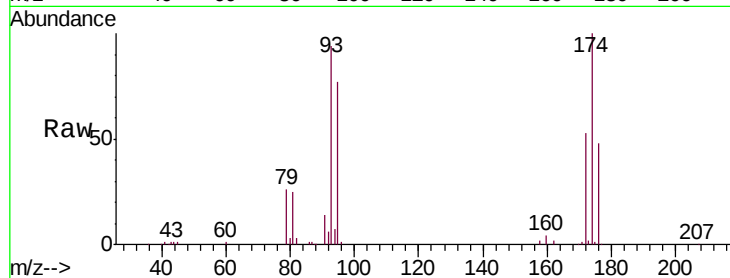
ClientSampleId :

ICVVU072518

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 93    | Resp: | 59894 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 82.4  | 67.2  | 100.8 |
| 174      | 105.4 | 82.8  | 124.2 |

Manual Integrations  
APPROVED

apatel  
7/26/2018 4:26:38 PM



#44

Bromodichloromethane

Concen: 10.204 ug/l

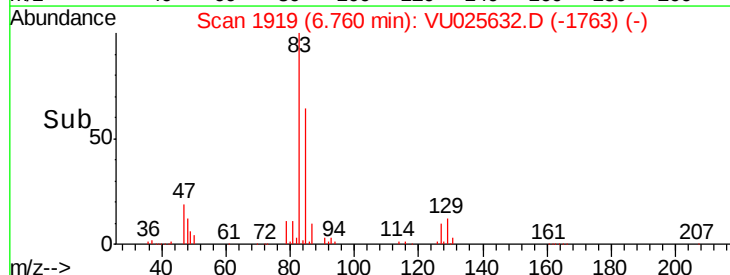
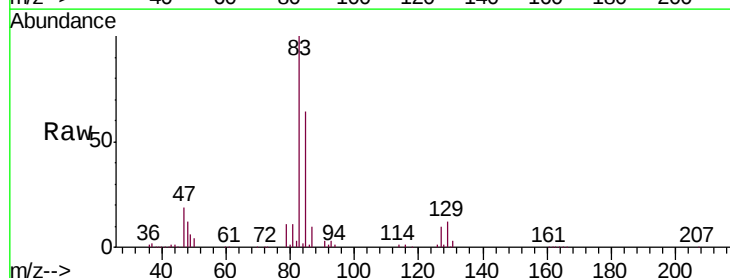
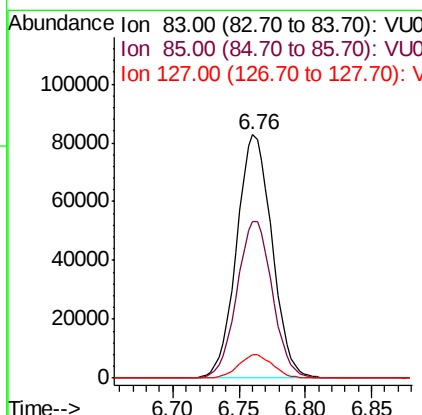
RT: 6.76 min Scan# 1919

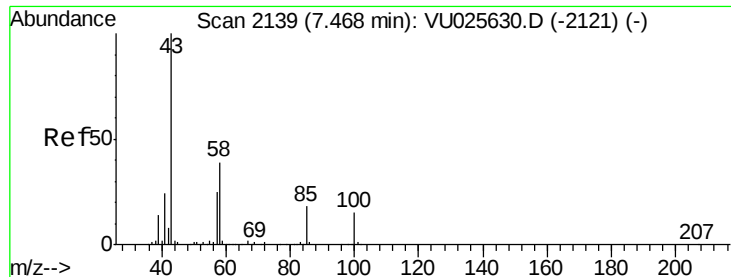
Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 153298 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.2  | 52.2  | 78.4   |
| 127      | 9.6   | 7.0   | 10.4   |





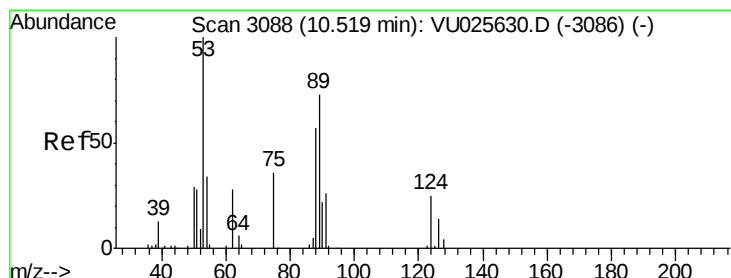
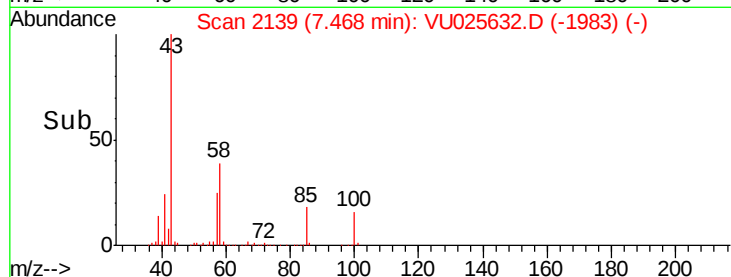
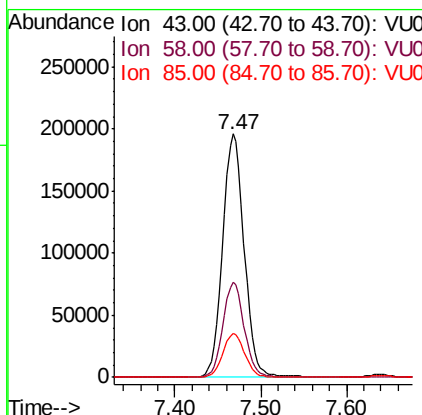
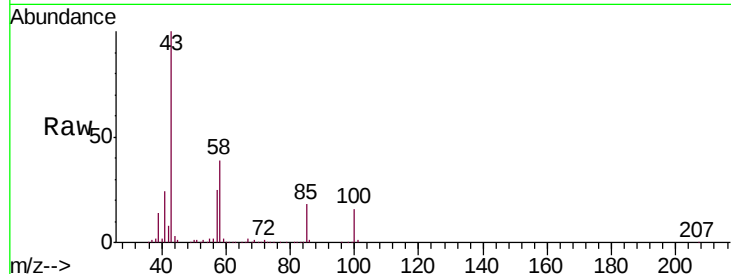
#45  
4-Methyl-2-Pentanone  
Concen: 51.592 ug/l  
RT: 7.47 min Scan# 2139  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU072518

| Tot Ion   | 43    | Resp  | 341115 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 38.6  | 18.8  | 56.4   |
| 85        | 18.3  | 12.6  | 19.0   |

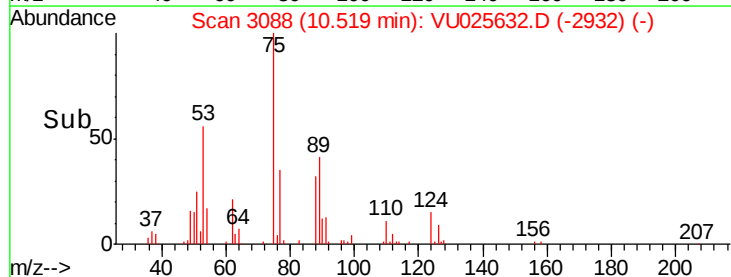
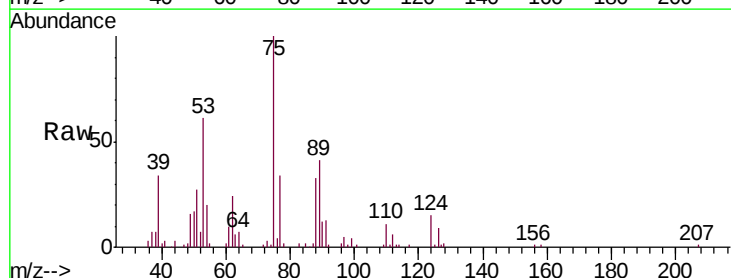
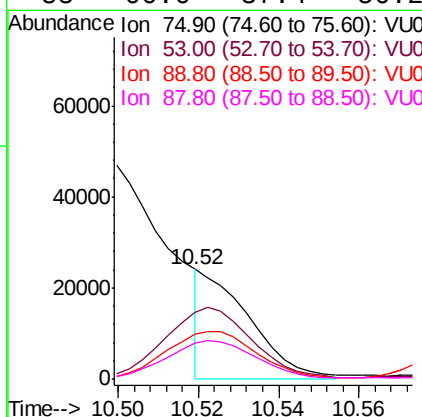
Manual Integrations  
APPROVED

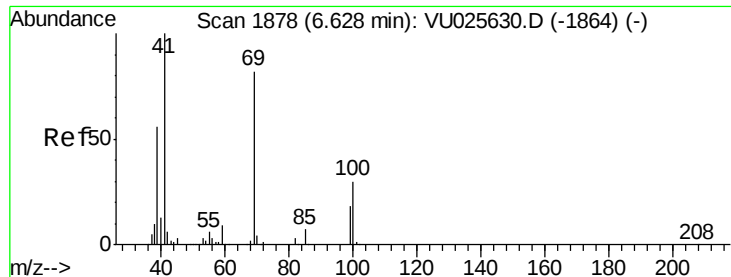
apatel  
7/26/2018 4:26:38 PM



#46  
t-1,4-Dichloro-2-butene  
Concen: 8.075 ug/l m  
RT: 10.52 min Scan# 3088  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

| Tgt Ion   | 75    | Resp  | 19993 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 119.8 | 82.2  | 123.4 |
| 89        | 84.0  | 51.3  | 76.9# |
| 88        | 66.6  | 37.4  | 56.2# |





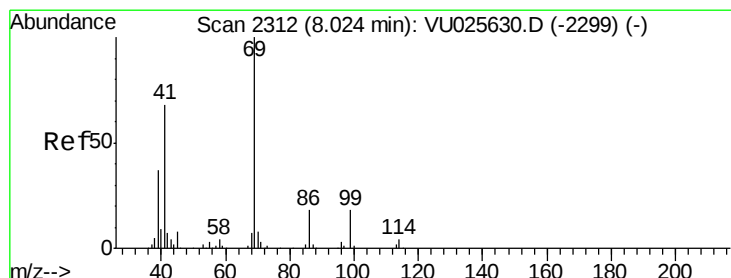
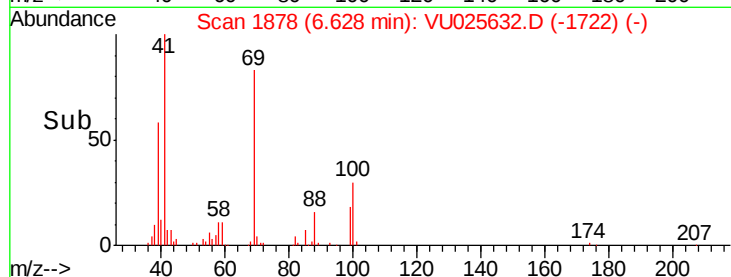
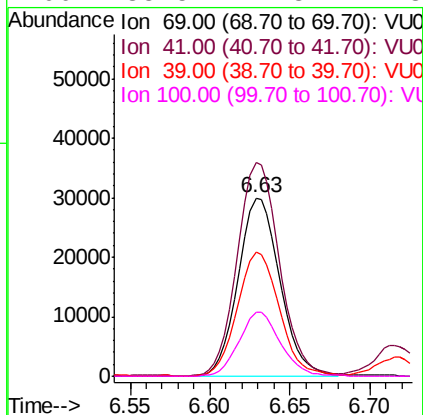
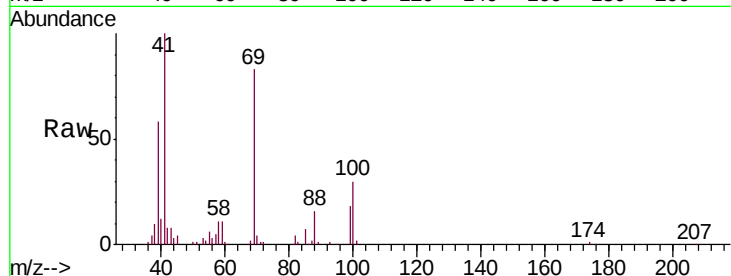
#47  
Methvl methacrylate  
Concen: 10.754 ug/l  
RT: 6.63 min Scan# 1878  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU072518

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 69      | 100   |       |       |       |
| 41      | 121.6 | 0.0   | 245.4 |       |
| 39      | 70.3  | 49.0  | 73.4  |       |
| 100     | 35.5  | 27.8  | 41.8  |       |

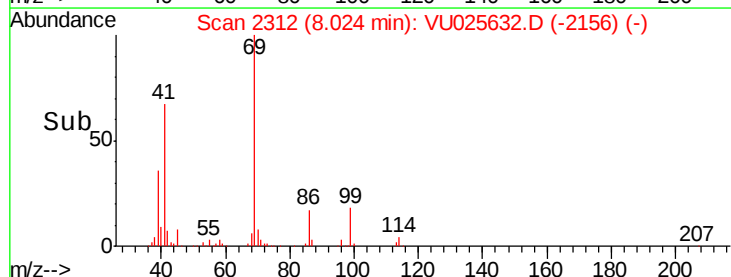
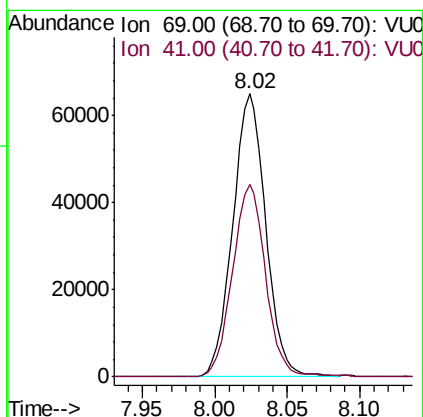
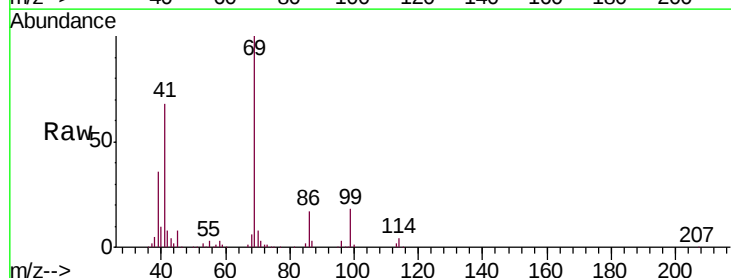
Manual Integrations  
APPROVED

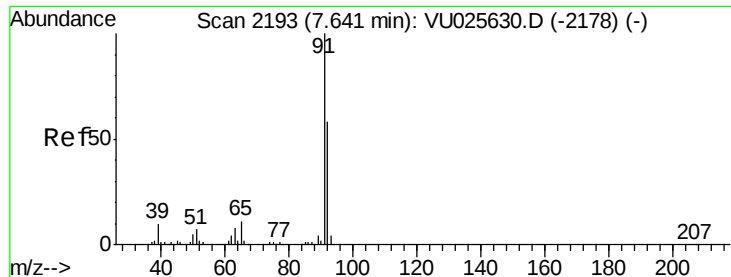
apatel  
7/26/2018 4:26:38 PM



#48  
Ethyl methacrylate  
Concen: 10.292 ug/l  
RT: 8.02 min Scan# 2312  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 69      | 100  |       |       |       |
| 41      | 68.4 | 34.2  | 102.5 |       |





#49

Toluene

Concen: 10.475 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU072518

Tot Ion: 92 Resp: 280199

Ion Ratio Lower Upper

92 100

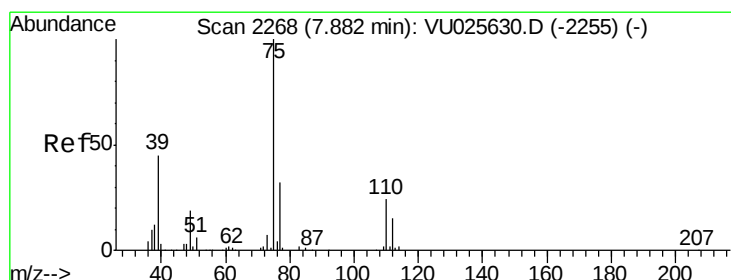
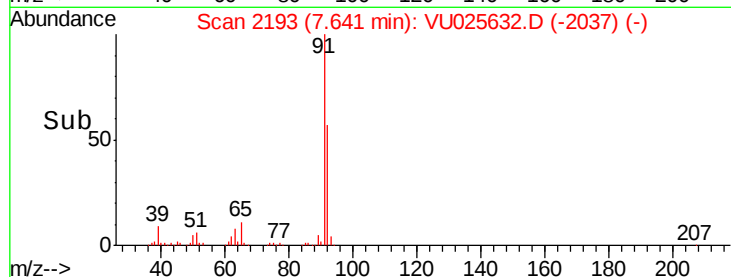
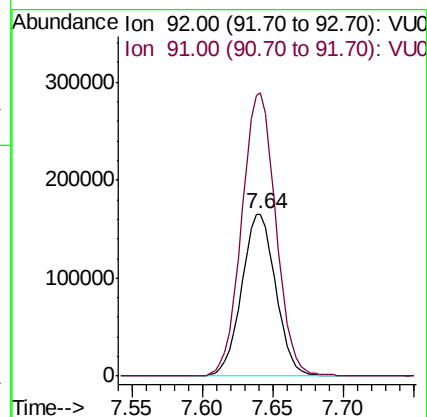
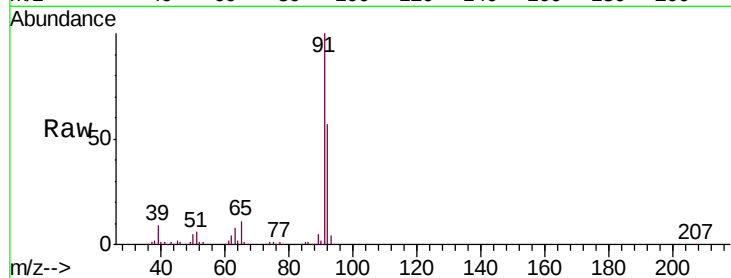
91 175.5 137.1 205.7

Manual Integrations

APPROVED

apatel

7/26/2018 4:26:38 PM



#50

t-1,3-Dichloropropene

Concen: 10.986 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU025632.D

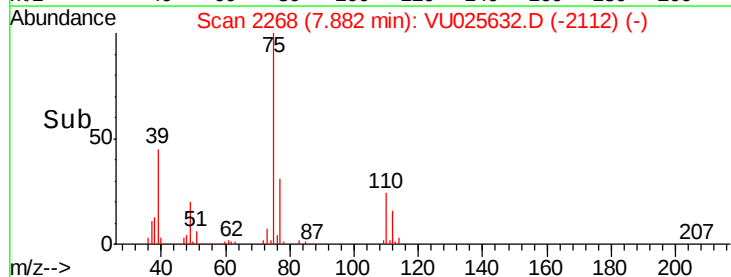
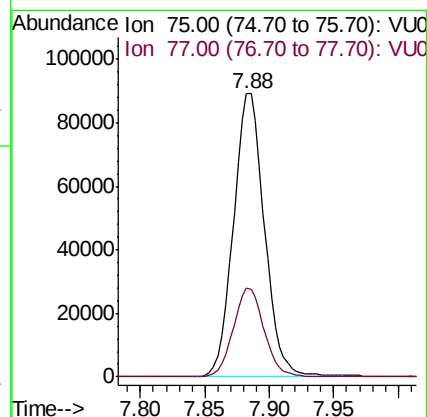
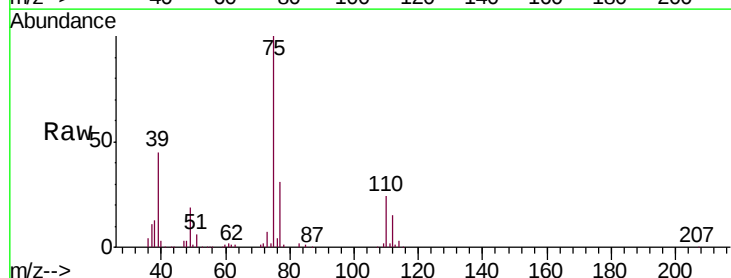
Acq: 25 Jul 2018 12:14

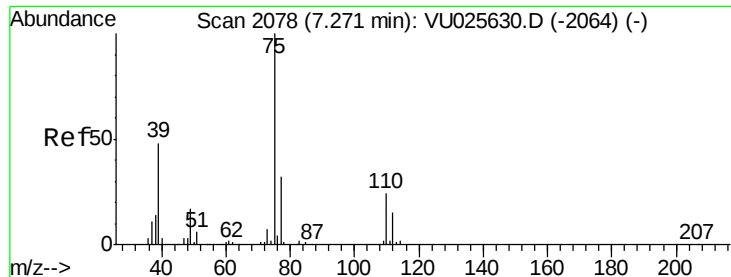
Tgt Ion: 75 Resp: 148982

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8





#51

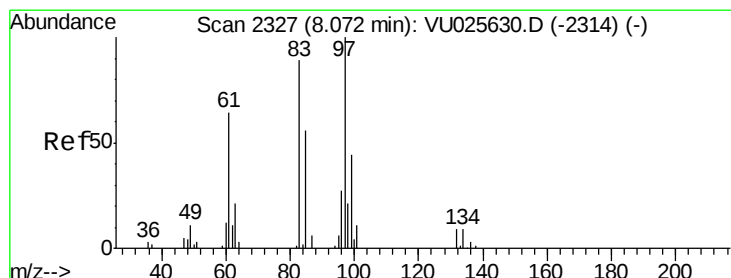
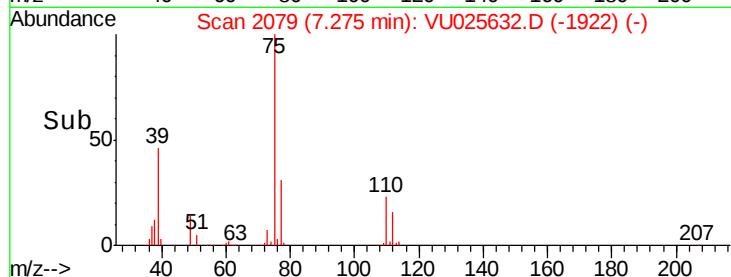
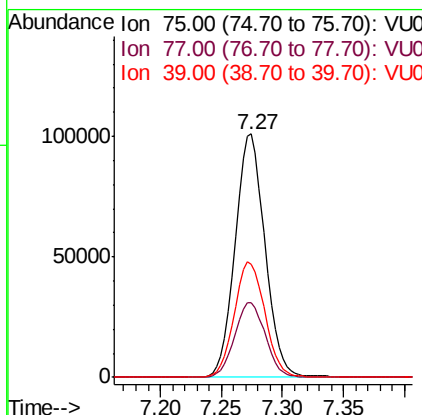
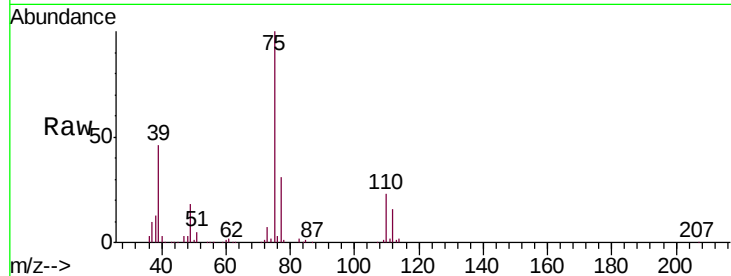
cis-1,3-Dichloropropene  
 Concen: 10.544 ug/l  
 RT: 7.27 min Scan# 2079  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU072518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.8  | 25.2  | 37.8  |
| 39      | 46.5  | 36.4  | 54.6  |

Manual Integrations  
 APPROVED

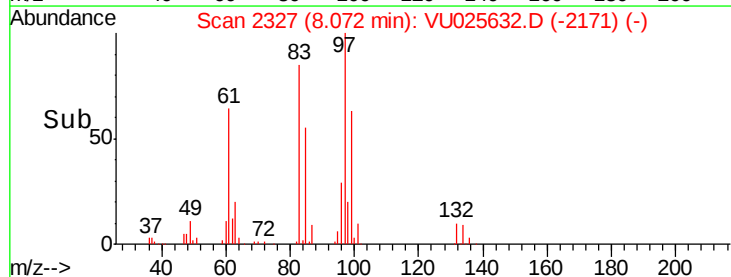
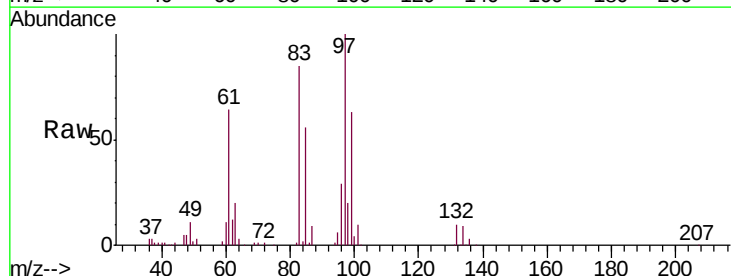
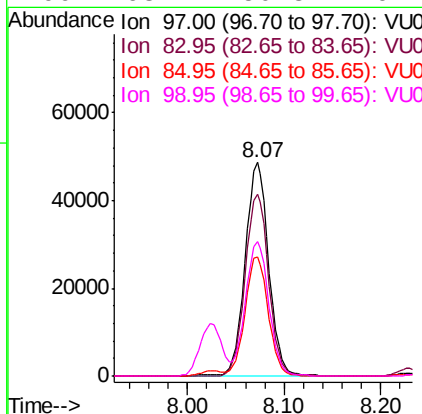
apatel  
 7/26/2018 4:26:38 PM

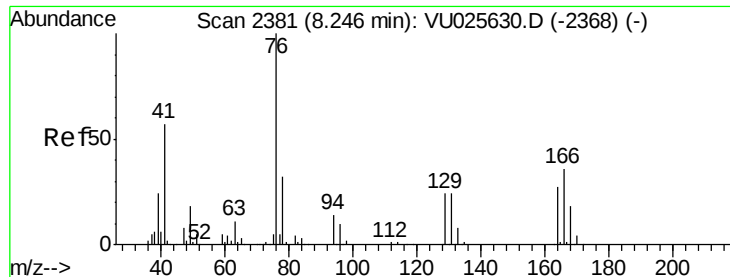


#52

1,1,2-Trichloroethane  
 Concen: 10.310 ug/l  
 RT: 8.07 min Scan# 2327  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 85.2  | 72.6  | 109.0 |
| 85      | 55.8  | 47.2  | 70.8  |
| 99      | 63.1  | 50.8  | 76.2  |





#53

1,3-Dichloropropane

Concen: 10.433 ug/l

RT: 8.25 min Scan# 2381

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU072518

Tot Ion: 76 Resp: 139988

Ion Ratio Lower Upper

76 100

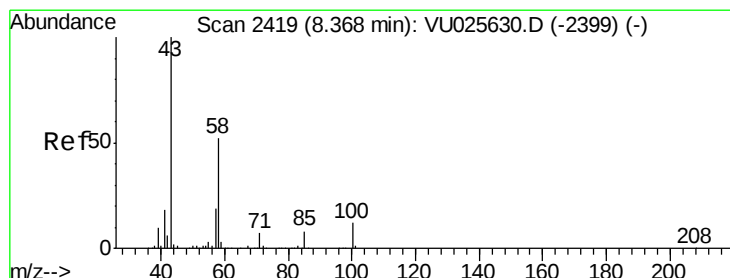
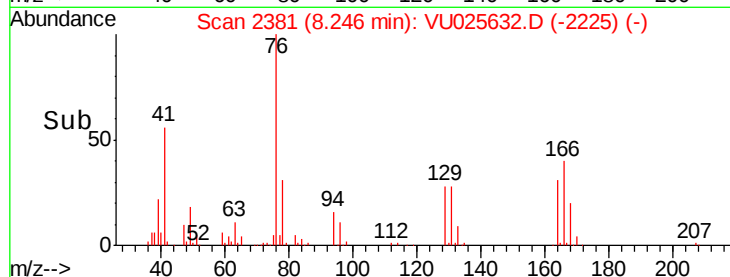
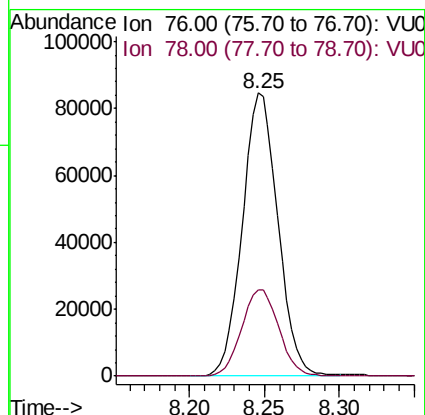
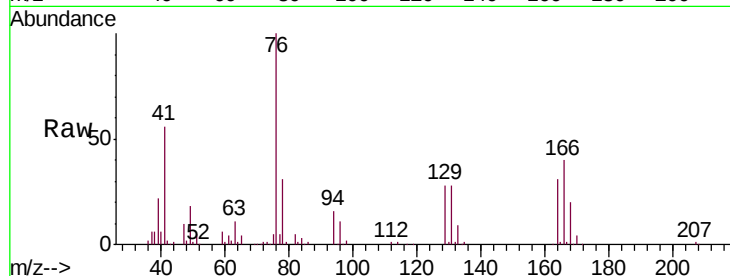
78 32.0 25.7 38.5

Manual Integrations

APPROVED

apatel

7/26/2018 4:26:38 PM



#54

2-Hexanone

Concen: 62.261 ug/l

RT: 8.37 min Scan# 2419

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

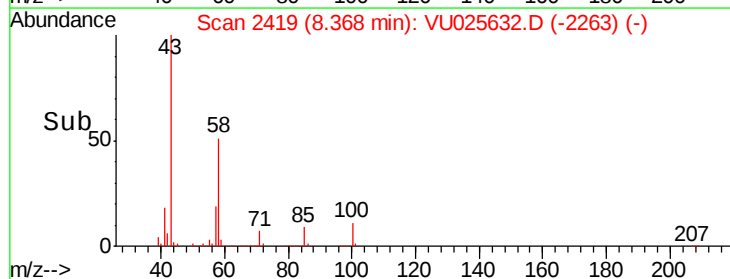
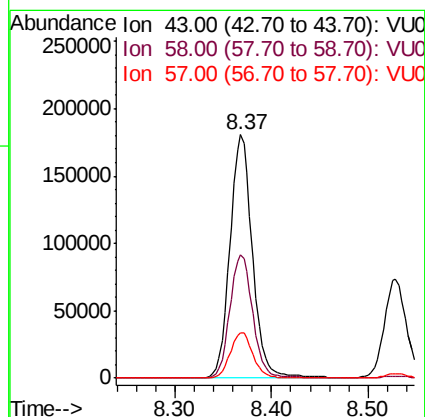
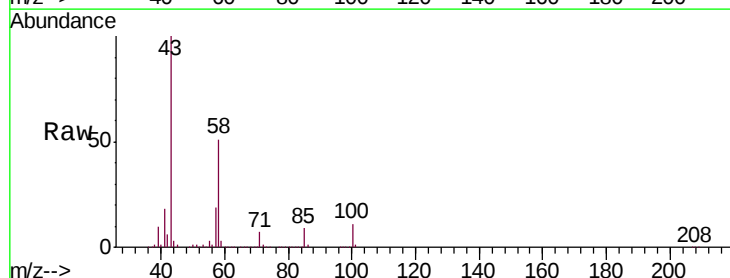
Tgt Ion: 43 Resp: 290710

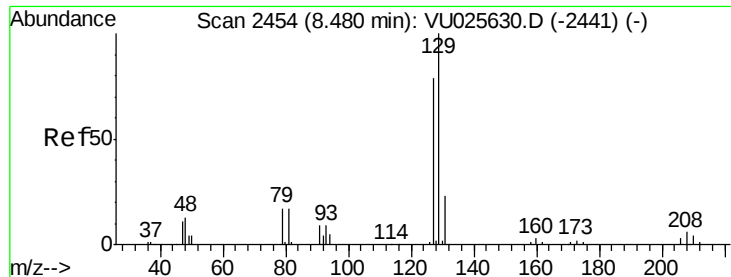
Ion Ratio Lower Upper

43 100

58 52.1 32.5 72.5

57 19.1 0.0 37.9





#55

Dibromochloromethane

Concen: 10.347 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU072518

Tot Ion:129 Resp: 104564

Ion Ratio Lower Upper

129 100

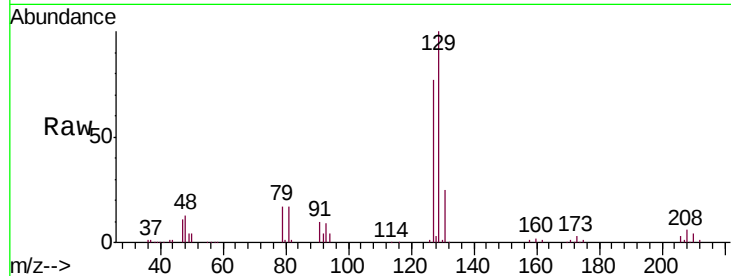
127 76.8 61.1 91.7

Manual Integrations

APPROVED

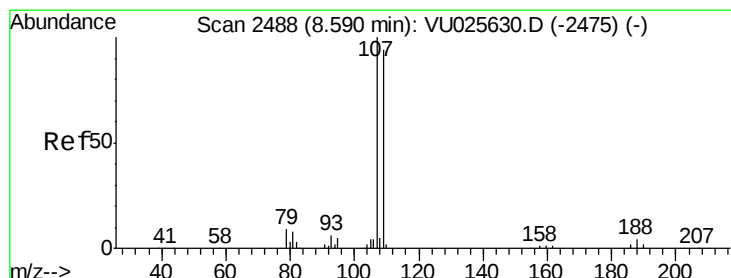
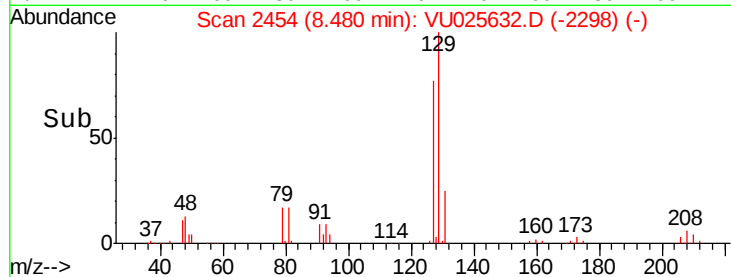
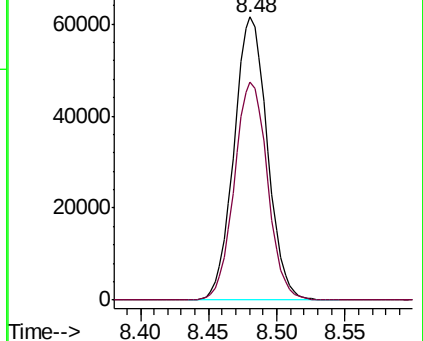
apatel

7/26/2018 4:26:38 PM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 10.418 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU025632.D

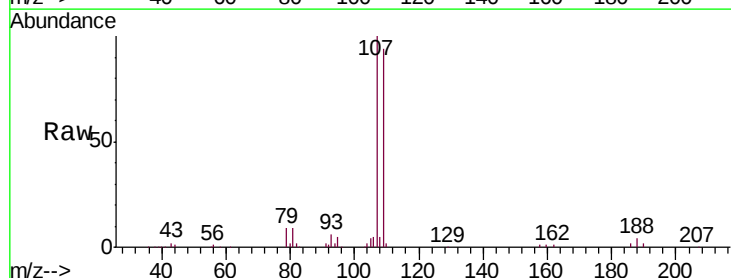
Acq: 25 Jul 2018 12:14

Tgt Ion:107 Resp: 80129

Ion Ratio Lower Upper

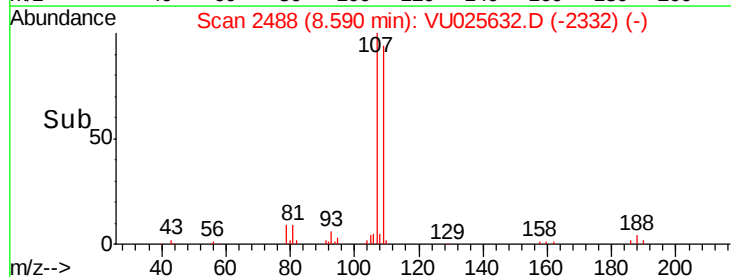
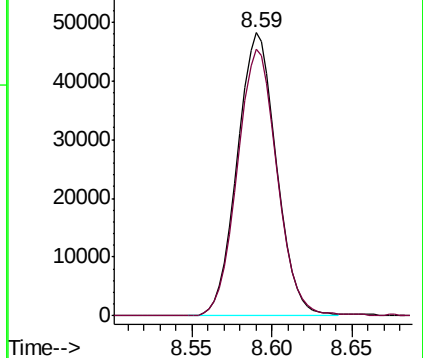
107 100

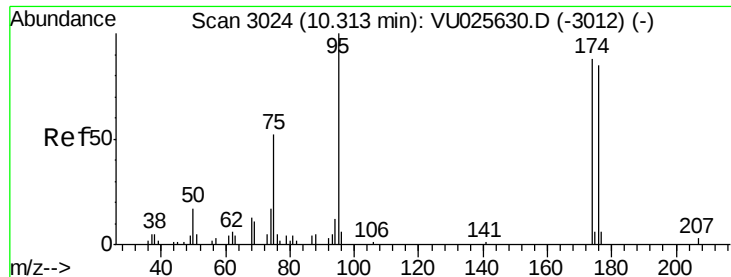
109 95.9 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





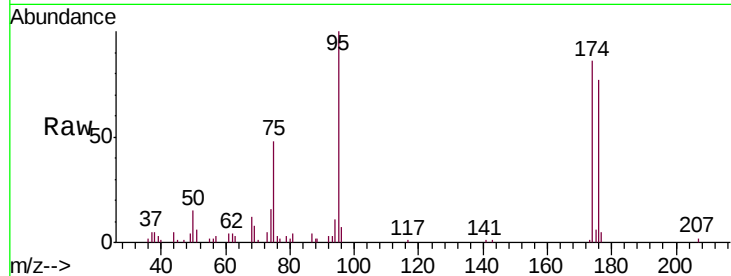
#57  
4-Bromofluorobenzene  
Concen: 10.418 ug/l  
RT: 10.31 min Scan# 3023  
Delta R.T. -0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

Instrument :  
MSVOA\_U  
ClientSampled :  
ICVVU072518

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 95      | 100   | 15840 |       |       |
| 174     | 90.6  | 65.6  | 98.4  |       |
| 176     | 81.2  | 62.0  | 93.0  |       |

Manual Integrations  
APPROVED

apatel  
7/26/2018 4:26:38 PM

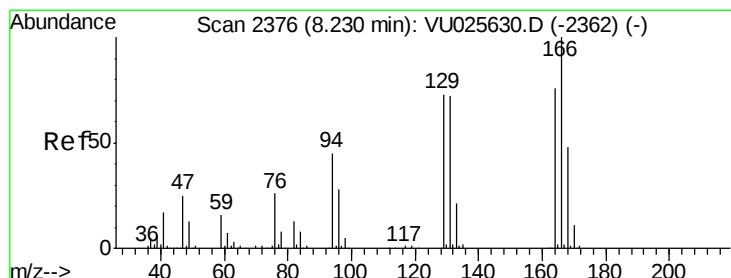
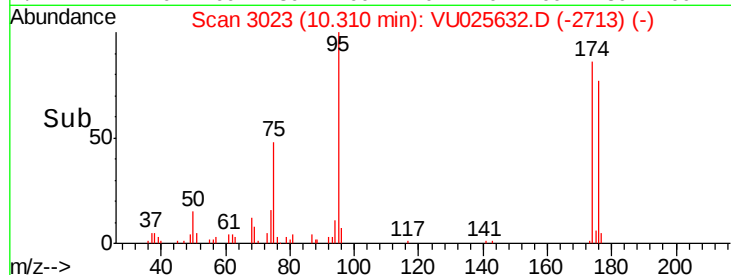
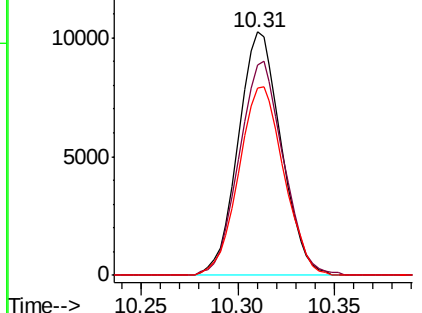


Abundance

Ion 95.00 (94.70 to 95.70): VU025632.D (-2220) (-)

Ion 174.00 (173.70 to 174.70): VU025632.D (-2220) (-)

Ion 176.00 (175.70 to 176.70): VU025632.D (-2220) (-)



#58  
Tetrachloroethene  
Concen: 10.410 ug/l  
RT: 8.23 min Scan# 2376  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 120635 |       |       |
| 166     | 134.3 | 104.1  | 156.1 |       |
| 129     | 95.1  | 76.8   | 115.2 |       |
| 131     | 92.3  | 72.6   | 108.8 |       |

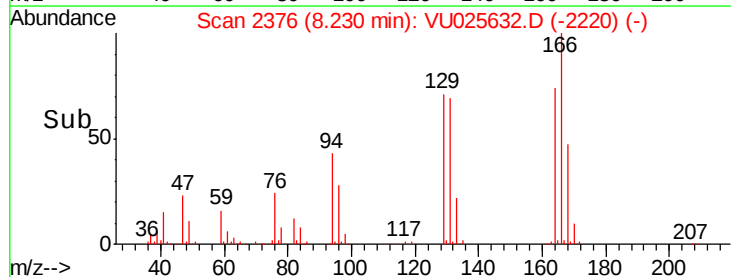
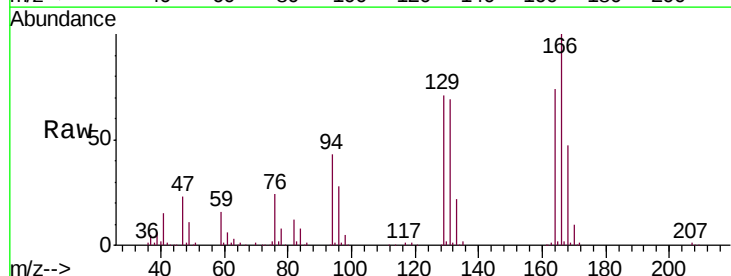
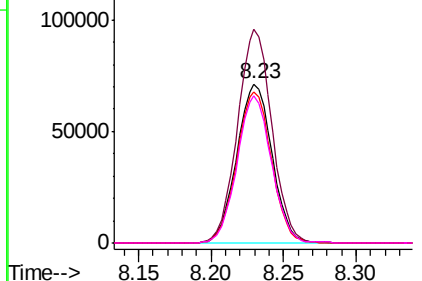
Abundance

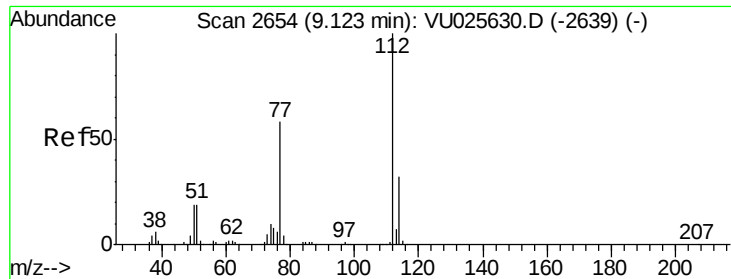
Ion 163.85 (163.55 to 164.55): VU025632.D (-2220) (-)

Ion 165.80 (165.50 to 166.50): VU025632.D (-2220) (-)

Ion 128.90 (128.60 to 129.60): VU025632.D (-2220) (-)

Ion 130.90 (130.60 to 131.60): VU025632.D (-2220) (-)





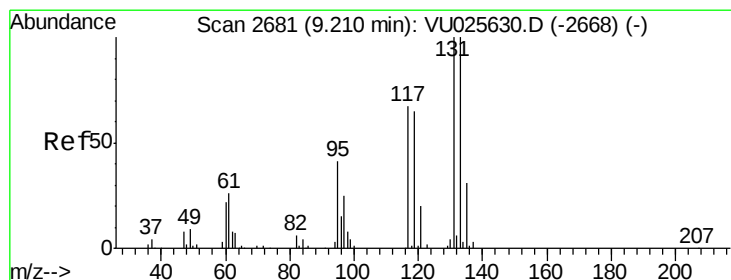
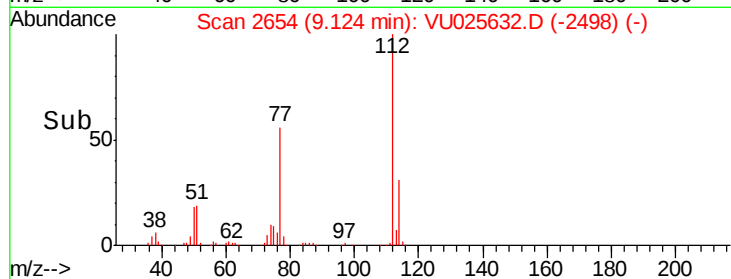
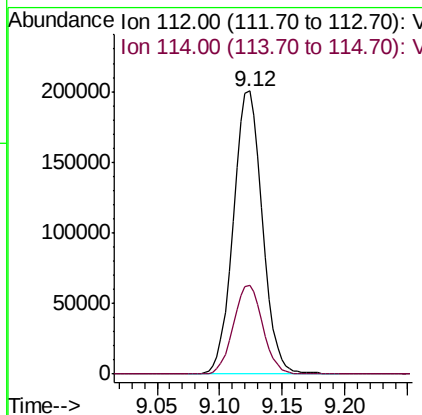
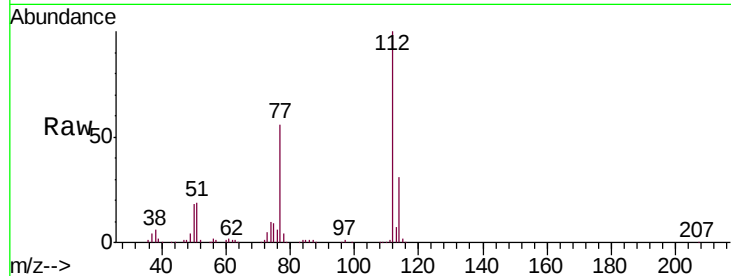
#59  
Chlorobenzene  
Concen: 10.489 ug/l  
RT: 9.12 min Scan# 2654  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU072518

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 322601 |       |       |
| 114     | 31.4  | 25.4   | 38.2  |       |

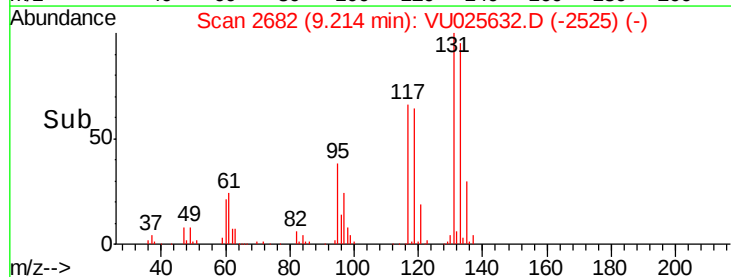
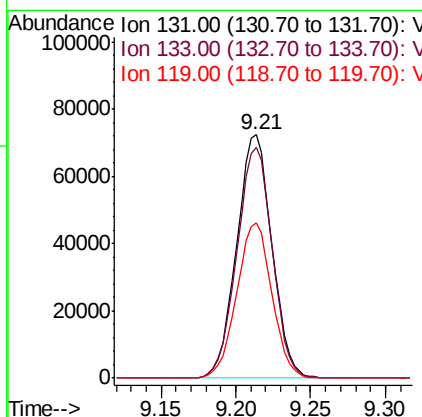
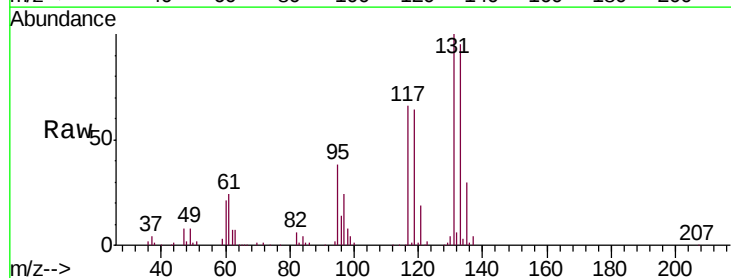
Manual Integrations  
APPROVED

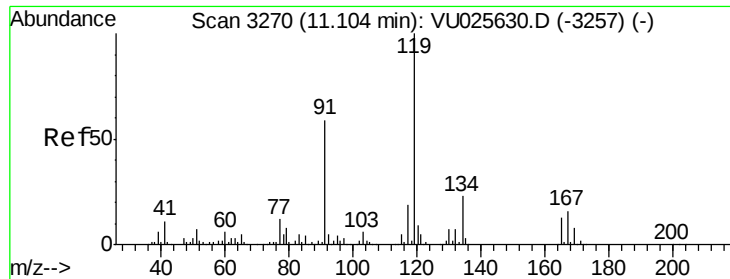
apatel  
7/26/2018 4:26:38 PM



#60  
1,1,1,2-Tetrachloroethane  
Concen: 10.390 ug/l  
RT: 9.21 min Scan# 2682  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 131     | 100   | 118661 |       |       |
| 133     | 95.4  | 75.8   | 113.8 |       |
| 119     | 63.6  | 53.0   | 79.6  |       |





#61

Pentachloroethane

Concen: 10.772 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU072518

Tot Ion:117 Resp: 93894

Ion Ratio Lower Upper

117 100

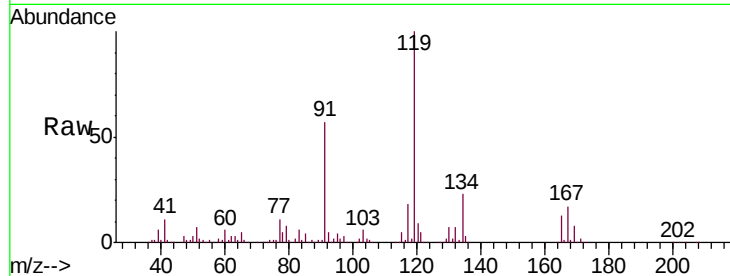
167 89.7 69.2 103.8

Manual Integrations

APPROVED

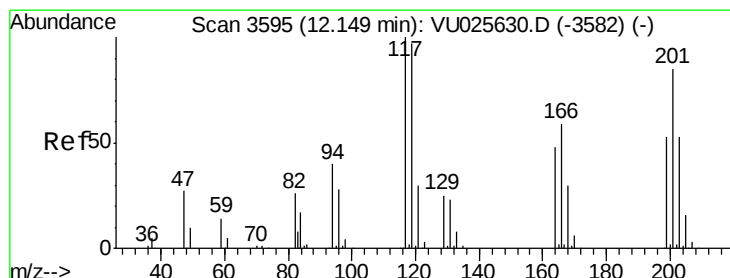
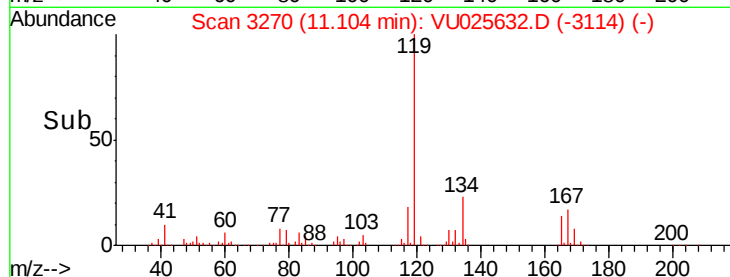
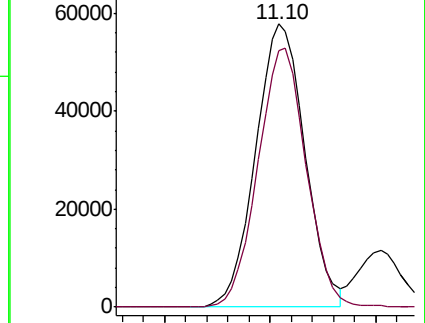
apatel

7/26/2018 4:26:38 PM



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 10.454 ug/l

RT: 12.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VU025632.D

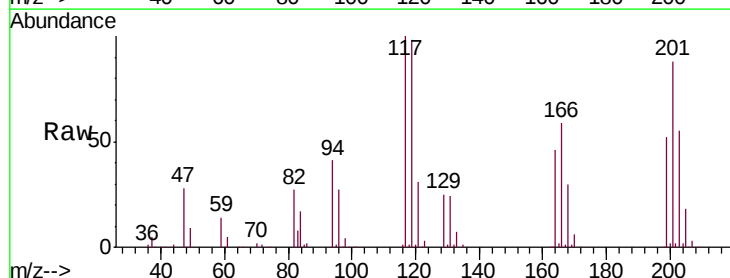
Acq: 25 Jul 2018 12:14

Tgt Ion:117 Resp: 93051

Ion Ratio Lower Upper

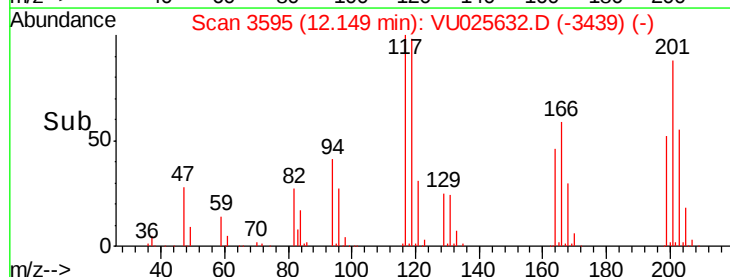
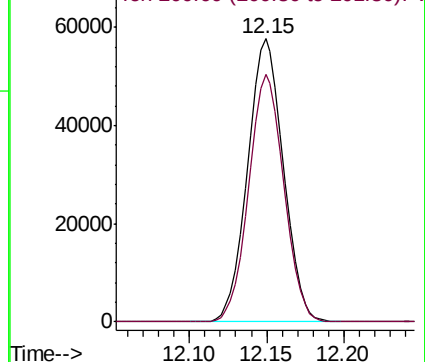
117 100

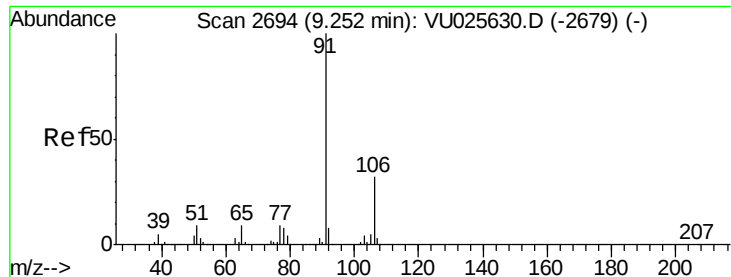
201 85.8 68.7 103.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





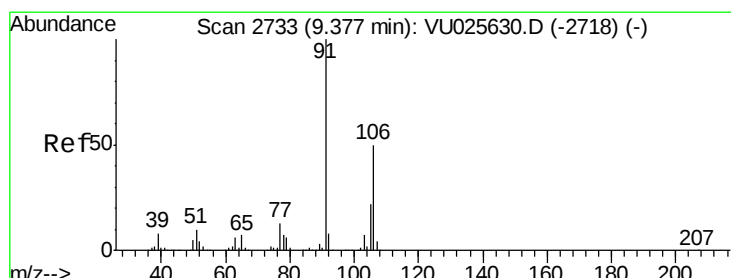
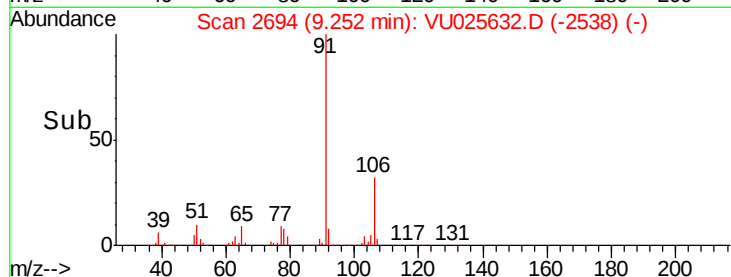
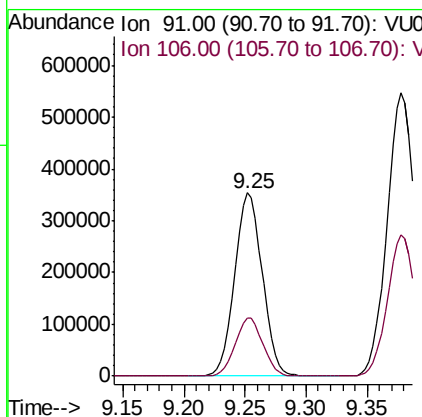
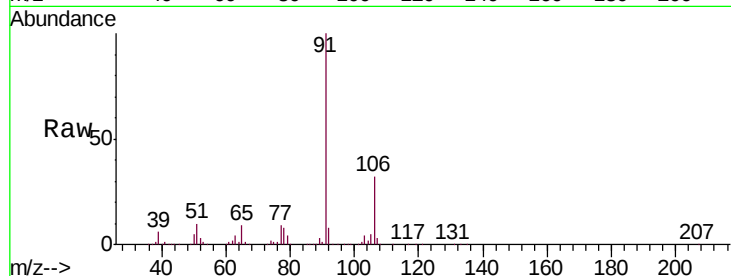
#63  
Ethyl Benzene  
Concen: 10.887 ug/l  
RT: 9.25 min Scan# 2694  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU072518

Tot Ion: 91 Resp: 557070  
Ion Ratio Lower Upper  
91 100  
106 32.1 24.7 37.1

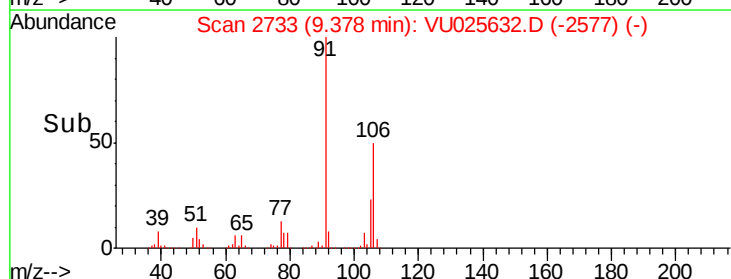
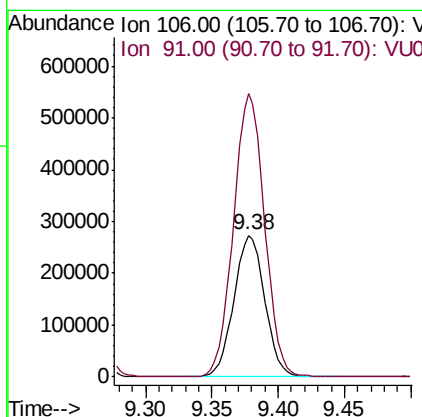
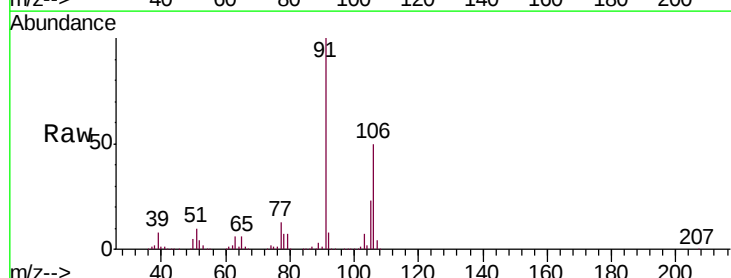
Manual Integrations  
APPROVED

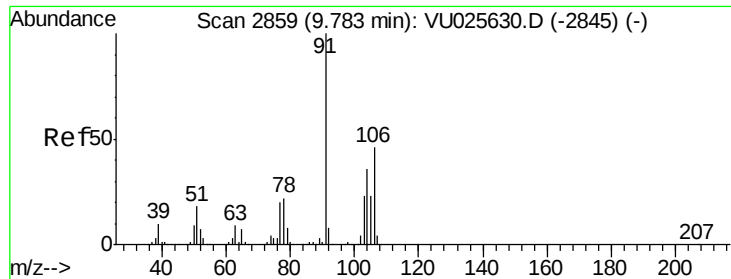
apatel  
7/26/2018 4:26:38 PM



#64  
m/p-Xylenes  
Concen: 21.897 ug/l  
RT: 9.38 min Scan# 2733  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

Tgt Ion: 106 Resp: 440340  
Ion Ratio Lower Upper  
106 100  
91 201.7 164.1 246.1





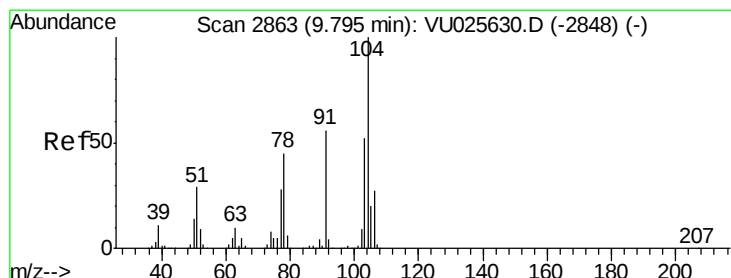
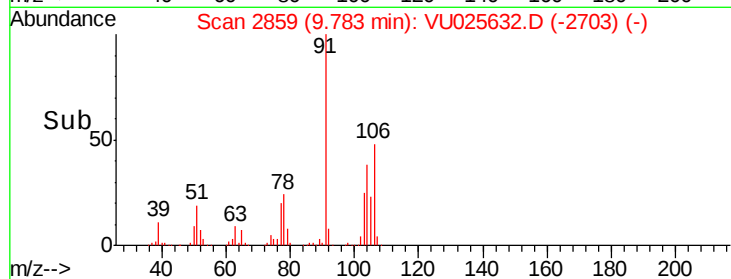
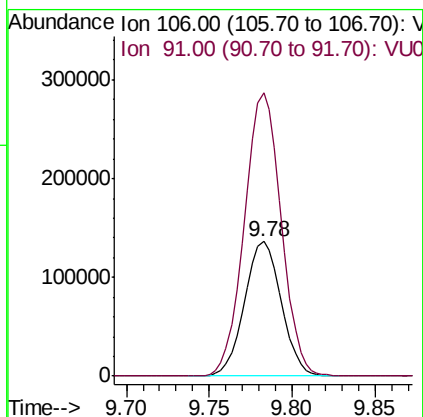
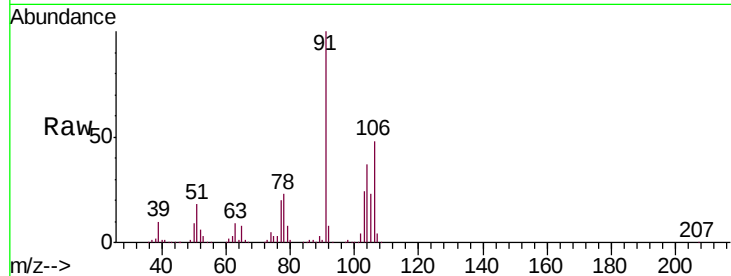
#65  
o-Xylene  
Concen: 10.977 ug/l  
RT: 9.78 min Scan# 2859  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU072518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 211.4 | 107.9 | 323.7 |

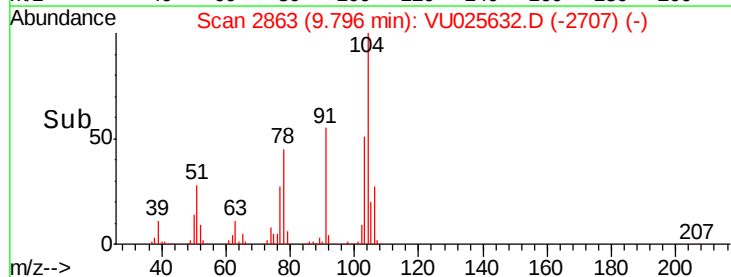
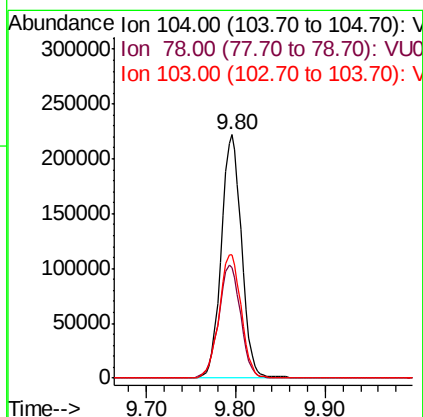
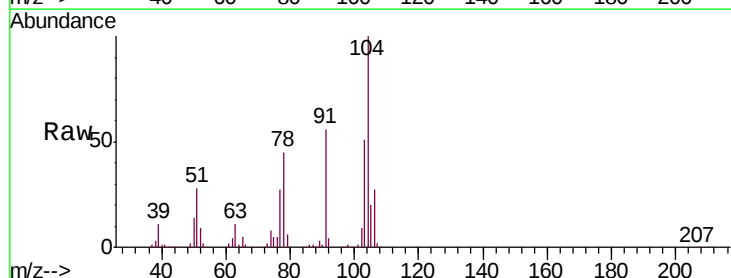
Manual Integrations  
APPROVED

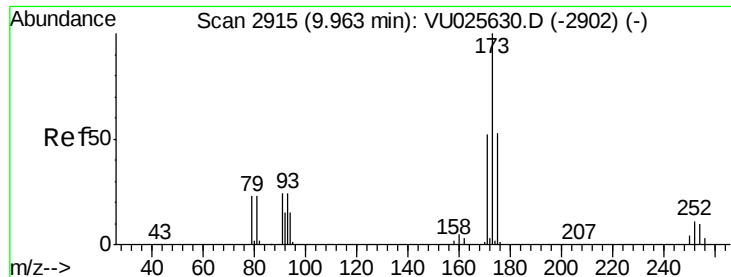
apatel  
7/26/2018 4:26:38 PM



#66  
Styrene  
Concen: 10.747 ug/l  
RT: 9.80 min Scan# 2863  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 50.6  | 40.2  | 60.2  |
| 103     | 54.8  | 44.2  | 66.4  |





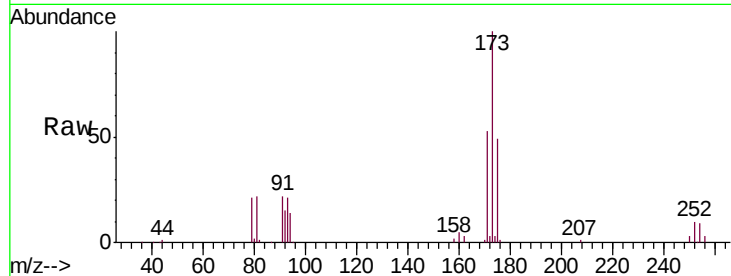
#67  
Bromoform  
Concen: 10.120 ug/l  
RT: 9.96 min Scan# 2915  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU072518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.3  | 38.6  | 57.8  |
| 254     | 9.2   | 8.8   | 13.2  |

Manual Integrations  
APPROVED

apatel  
7/26/2018 4:26:38 PM

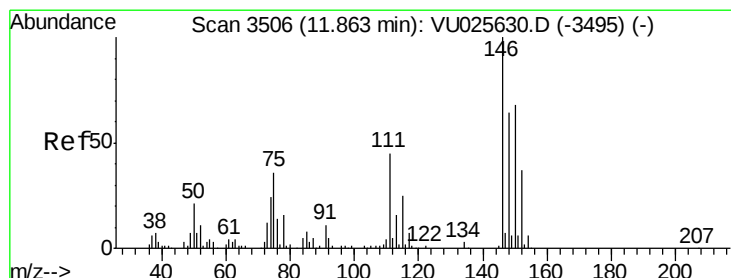
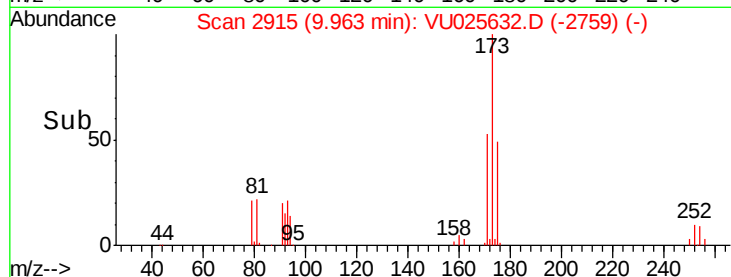
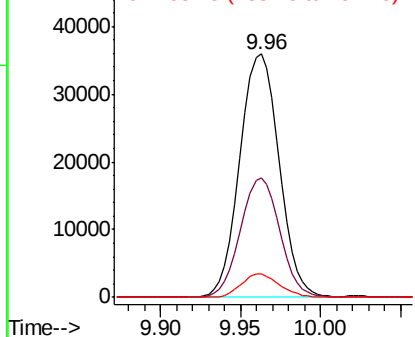


Abundance

Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68  
1,2-Dichlorobenzene-d4  
Concen: 10.120 ug/l  
RT: 11.86 min Scan# 3506  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

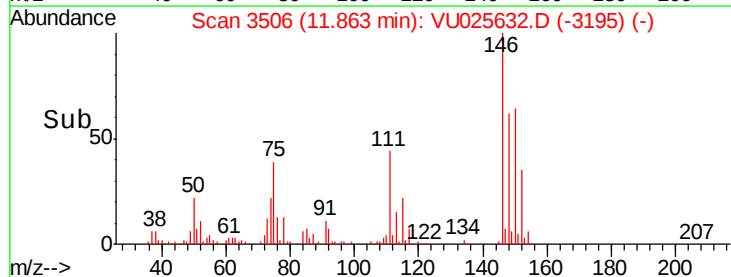
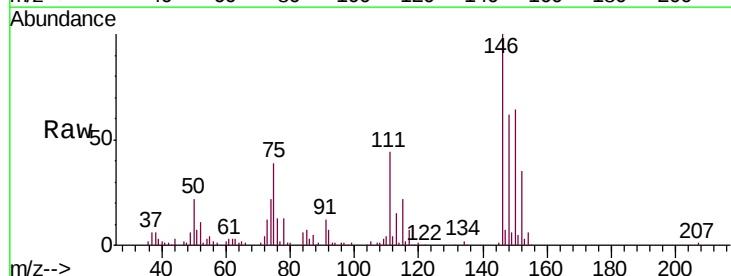
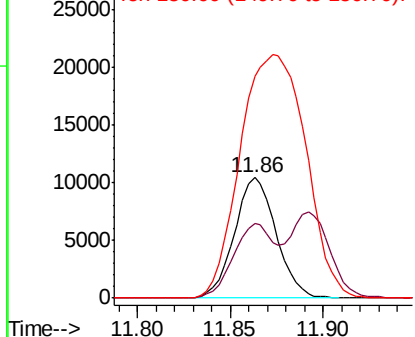
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 60.6  | 0.0   | 118.8 |
| 150     | 320.2 | 0.0   | 0.0#  |

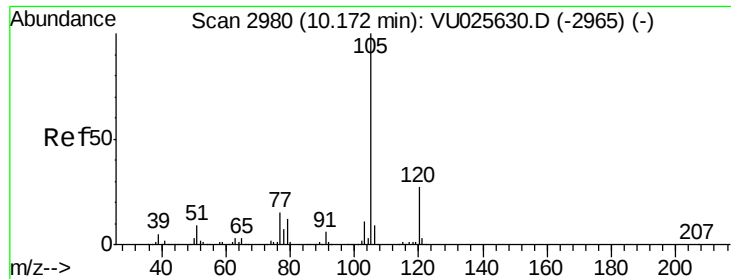
Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 11.169 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU072518

Tot Ion:105 Resp: 578347

Ion Ratio Lower Upper

105 100

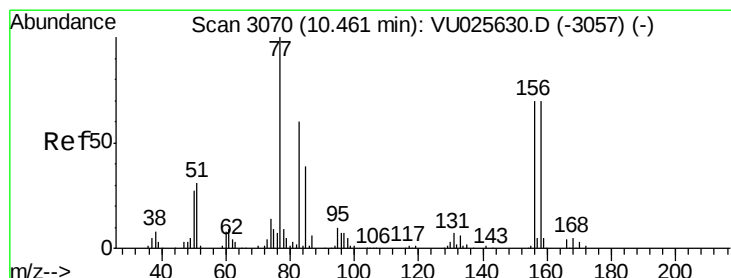
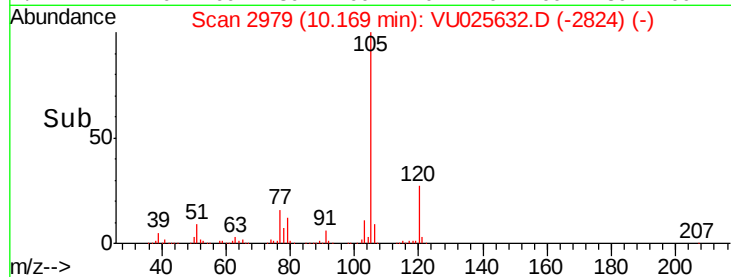
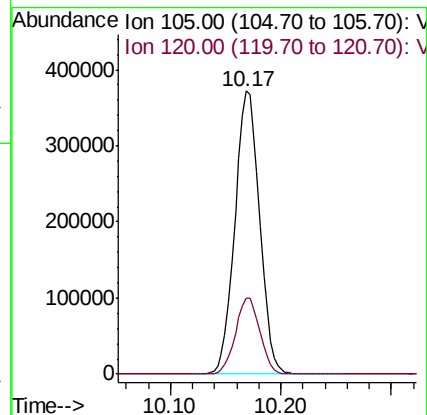
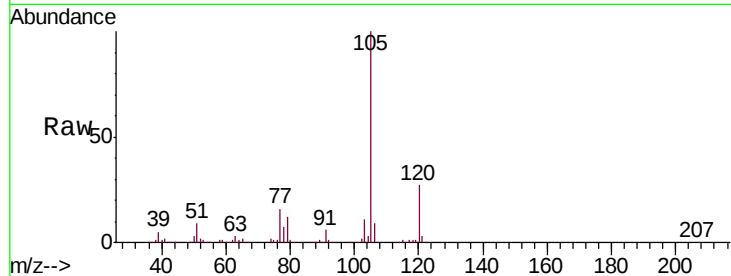
120 26.8 13.1 39.3

Manual Integrations

APPROVED

apatel

7/26/2018 4:26:38 PM



#70

1,1,2,2-Tetrachloroethane

Concen: 10.018 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

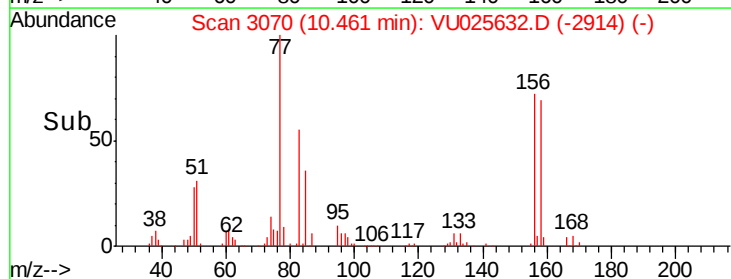
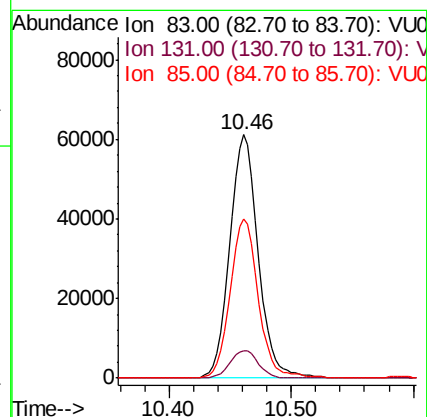
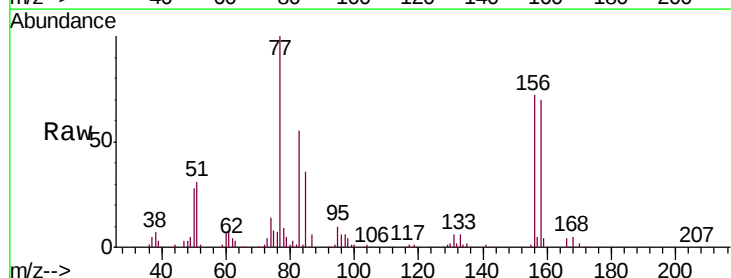
Tgt Ion: 83 Resp: 100049

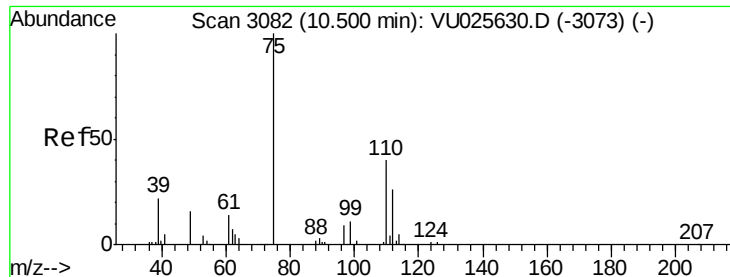
Ion Ratio Lower Upper

83 100

131 11.2 7.9 11.9

85 64.7 51.8 77.6





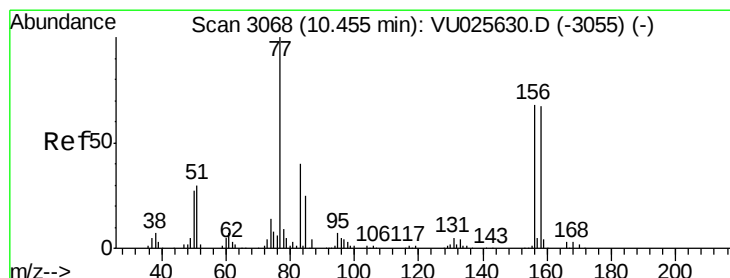
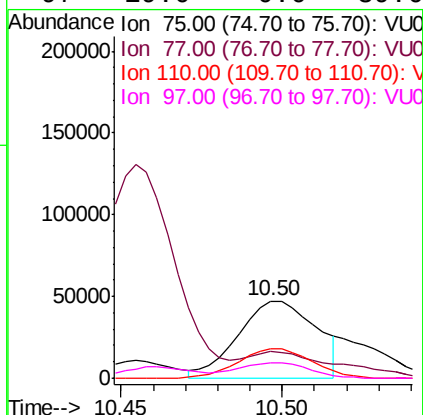
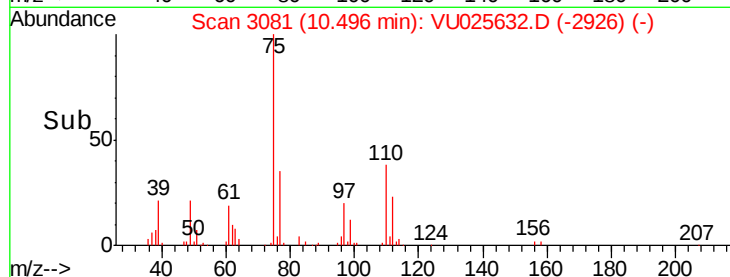
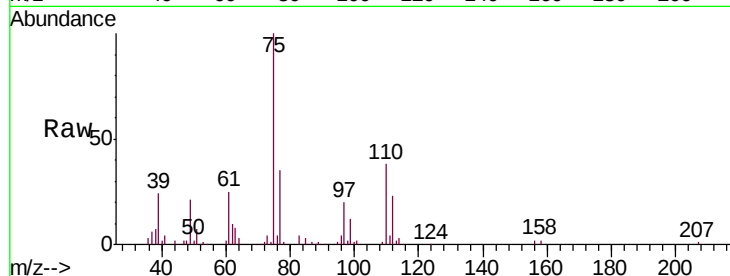
#71  
 1,2,3-Trichloropropane  
 Concen: 10.263 ug/l m  
 RT: 10.50 min Scan# 3081  
 Delta R.T. -0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU072518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 39.5  | 0.0   | 0.0#  |
| 110     | 35.8  | 0.0   | 74.0  |
| 97      | 19.0  | 0.0   | 39.6  |

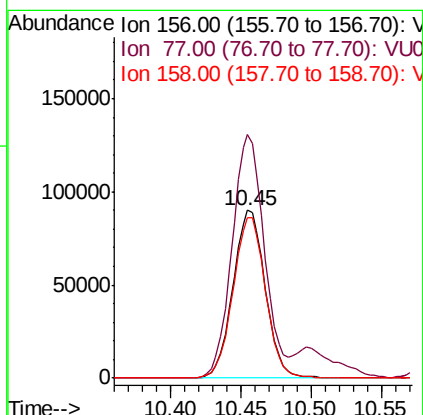
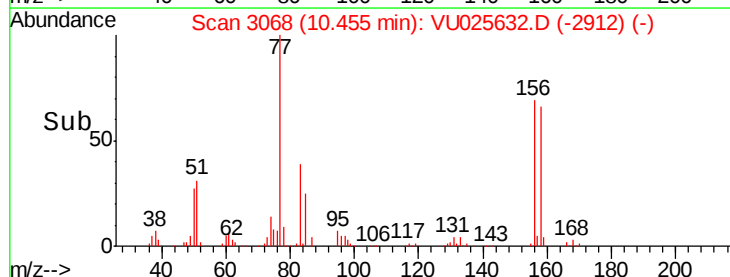
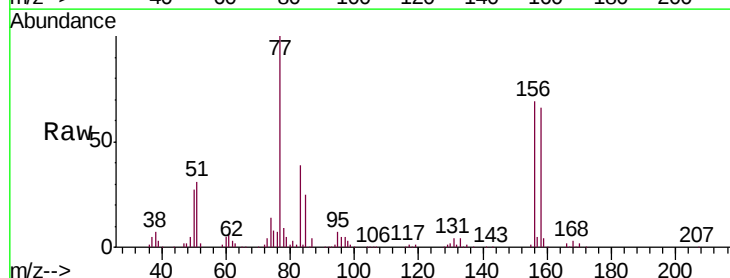
Manual Integrations  
 APPROVED

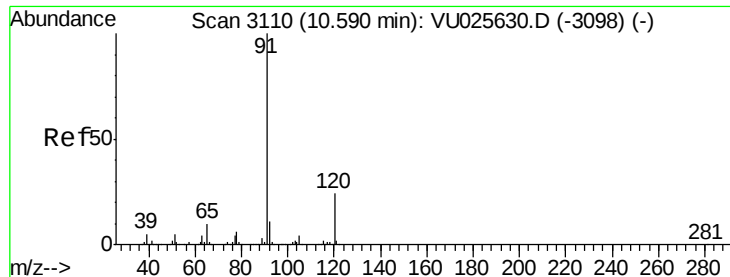
apatel  
 7/26/2018 4:26:38 PM



#72  
 Bromobenzene  
 Concen: 10.712 ug/l  
 RT: 10.45 min Scan# 3068  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 145.0 | 0.0   | 309.8 |
| 158     | 96.7  | 0.0   | 193.0 |





#73

n-propylbenzene

Concen: 11.375 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU072518

Tot Ion:120 Resp: 165977

Ion Ratio Lower Upper

120 100

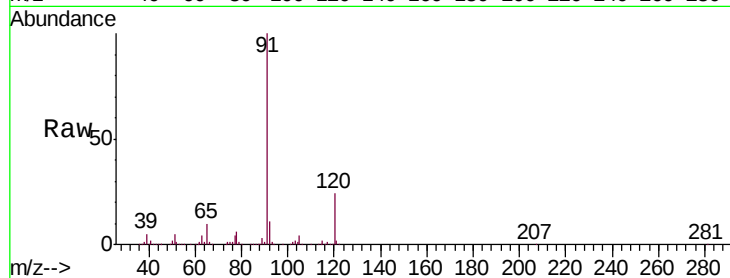
91 417.0 352.2 528.4

Manual Integrations

APPROVED

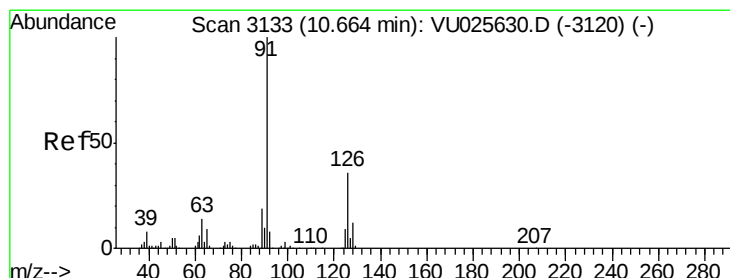
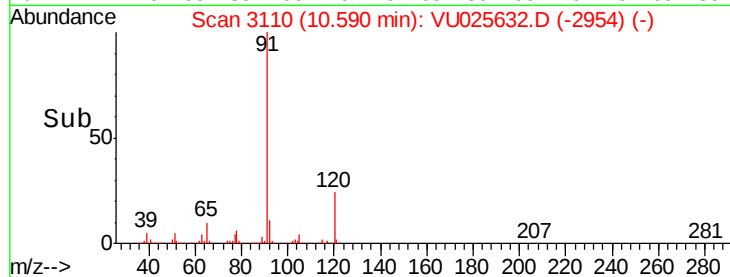
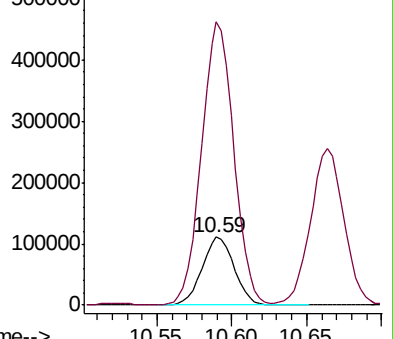
apatel

7/26/2018 4:26:38 PM



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.856 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. 0.00 min

Lab File: VU025632.D

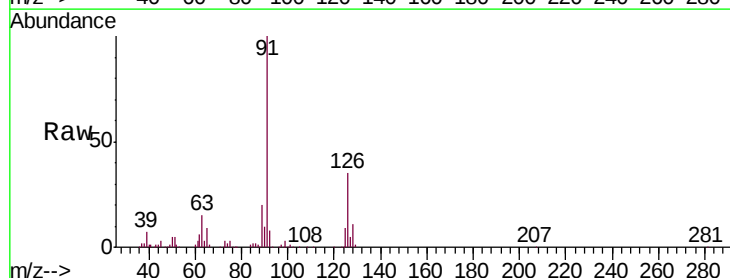
Acq: 25 Jul 2018 12:14

Tgt Ion:126 Resp: 139442

Ion Ratio Lower Upper

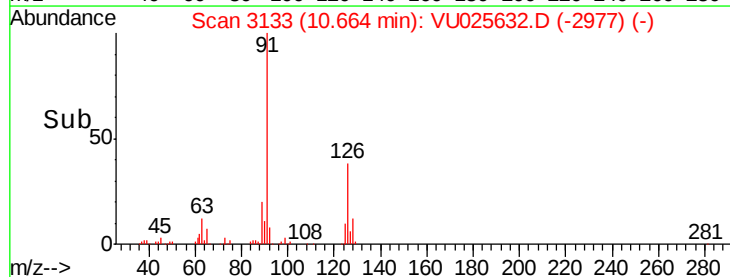
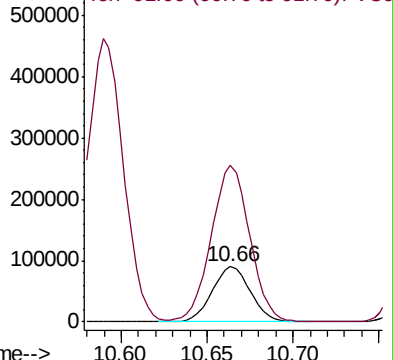
126 100

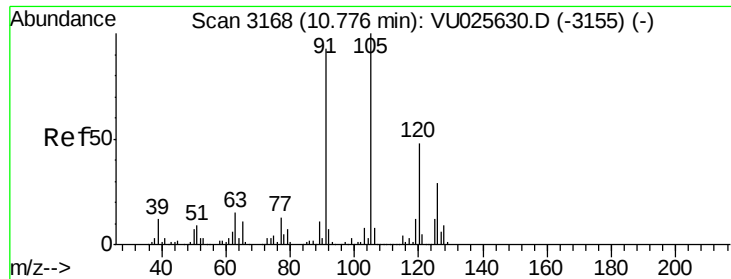
91 281.8 0.0 613.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 11.188 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU072518

Tot Ion:105 Resp: 505844

Ion Ratio Lower Upper

105 100

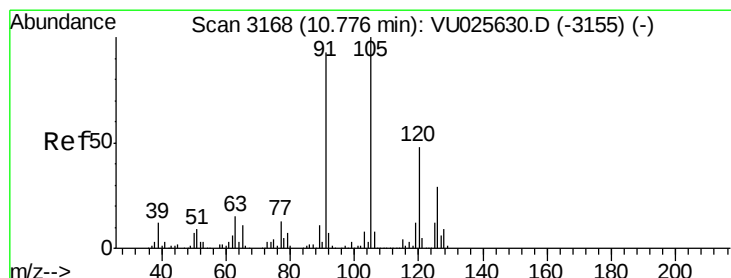
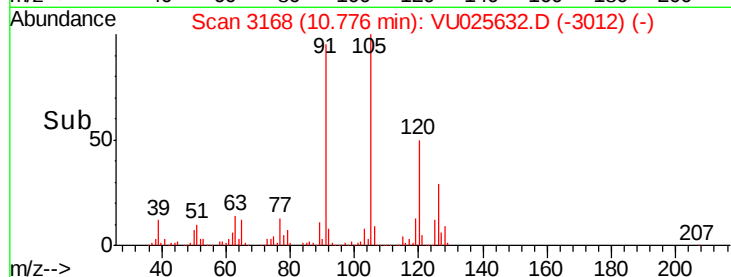
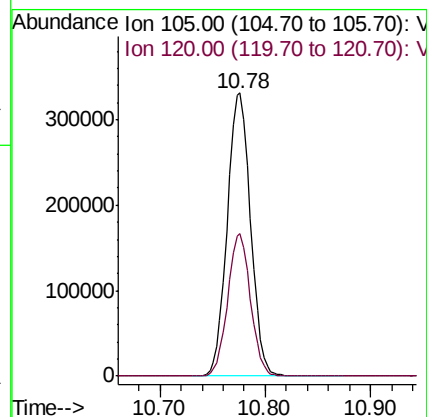
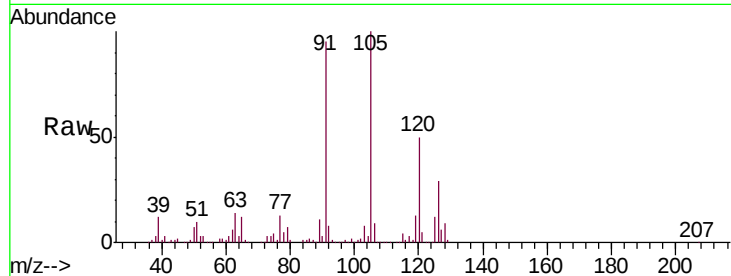
120 49.2 39.0 58.6

Manual Integrations

APPROVED

apatel

7/26/2018 4:26:38 PM



#76

4-Chlorotoluene

Concen: 10.968 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025632.D

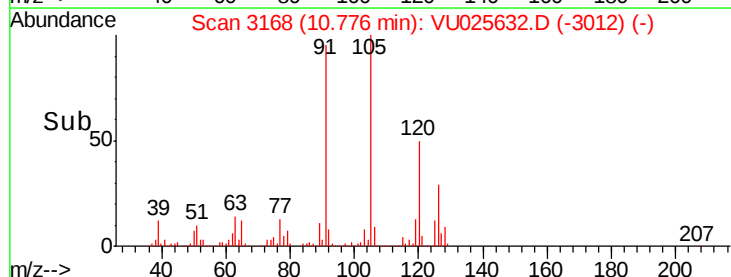
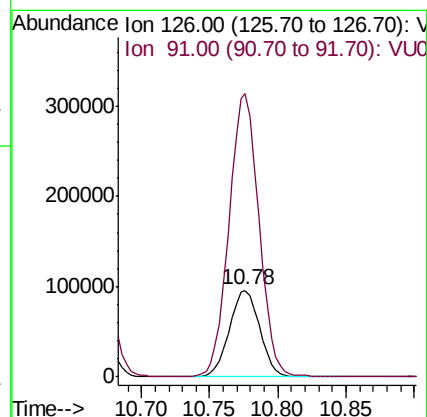
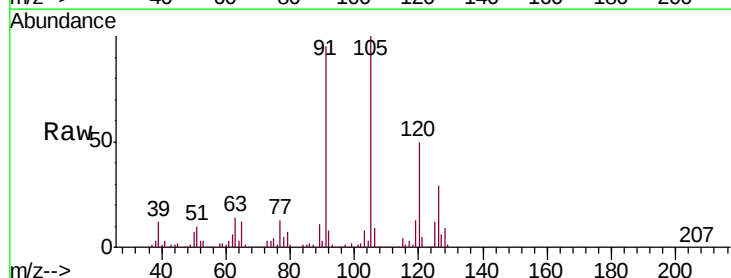
Acq: 25 Jul 2018 12:14

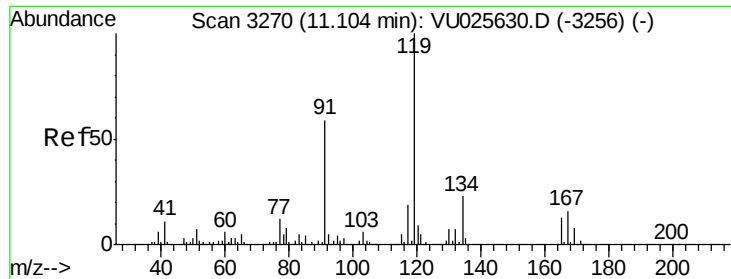
Tgt Ion:126 Resp: 148088

Ion Ratio Lower Upper

126 100

91 323.8 0.0 667.2





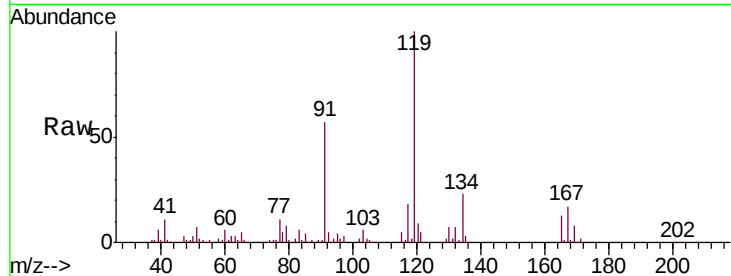
#77  
 tert-Butylbenzene  
 Concen: 10.909 ug/l  
 RT: 11.10 min Scan# 3270  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU072518

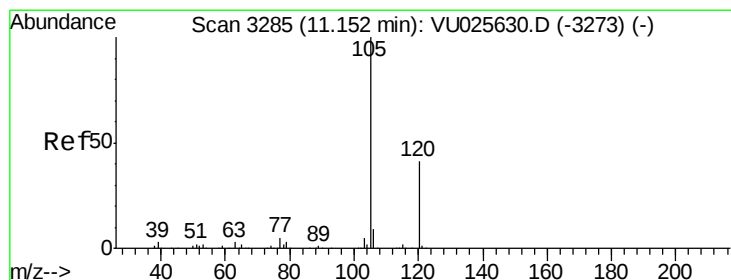
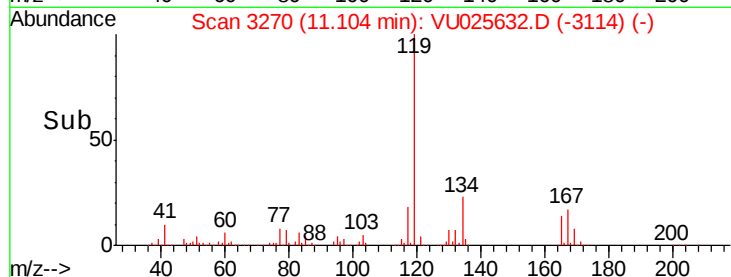
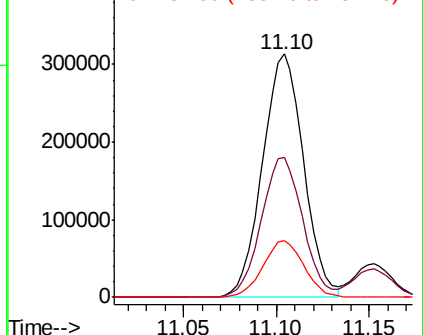
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 486259 |       |       |
| 91      | 58.1  |        | 29.6  | 88.8  |
| 134     | 23.2  |        | 19.1  | 28.7  |

Manual Integrations  
 APPROVED

apatel  
 7/26/2018 4:26:38 PM

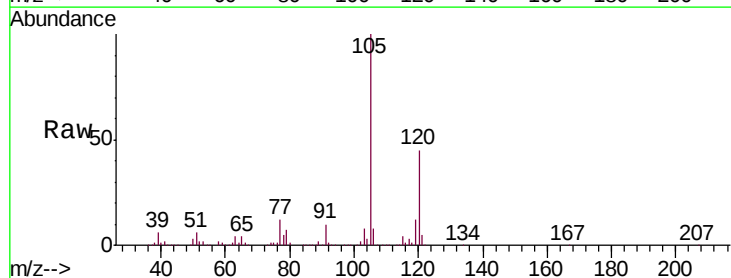


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): VU0  
 Ion 134.00 (133.70 to 134.70): V

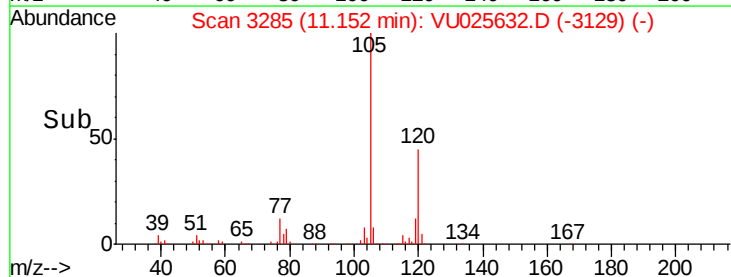
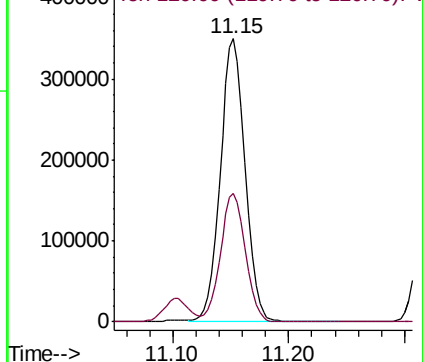


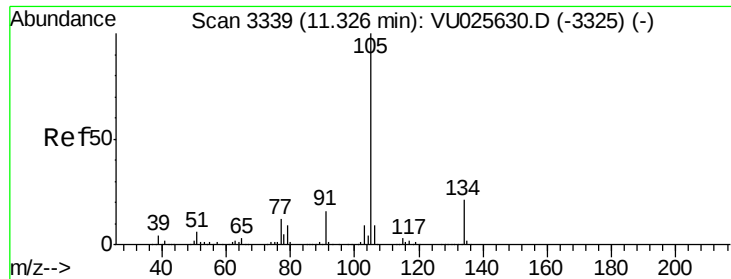
#78  
 1,2,4-Trimethylbenzene  
 Concen: 11.246 ug/l  
 RT: 11.15 min Scan# 3285  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 519030 |       |       |
| 120     | 45.8  |        | 23.1  | 69.3  |



Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 10.644 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

Instrument :

MSVOA\_U

ClientSampleId :

ICVVU072518

Tot Ion:105 Resp: 623665

Ion Ratio Lower Upper

105 100

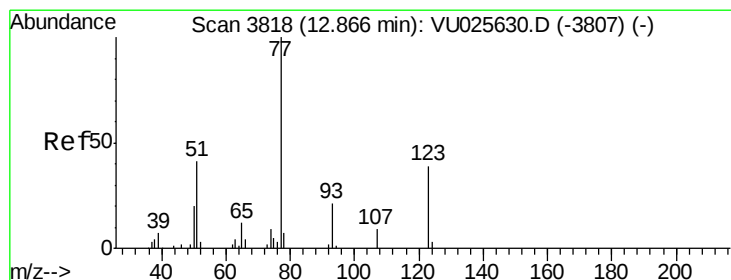
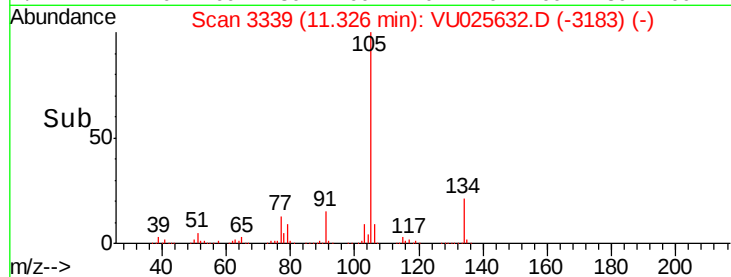
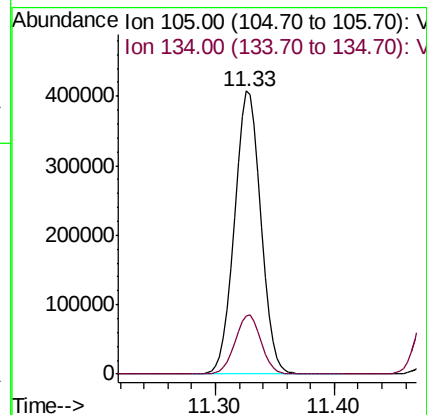
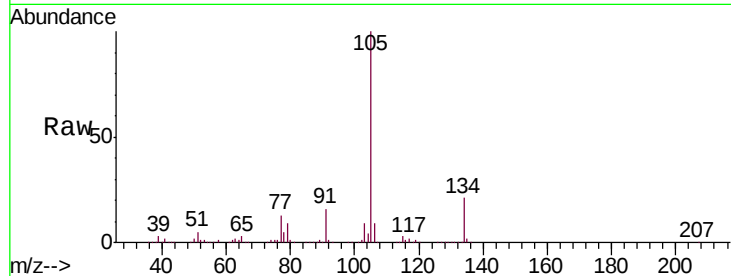
134 20.6 15.6 23.4

Manual Integrations

APPROVED

apatel

7/26/2018 4:26:38 PM



#80

Nitrobenzene

Concen: 15.280 ug/l

RT: 12.87 min Scan# 3818

Delta R.T. 0.00 min

Lab File: VU025632.D

Acq: 25 Jul 2018 12:14

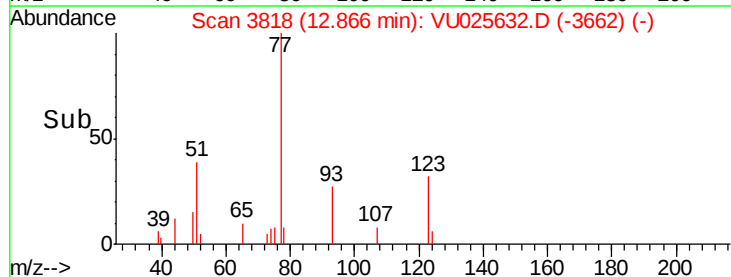
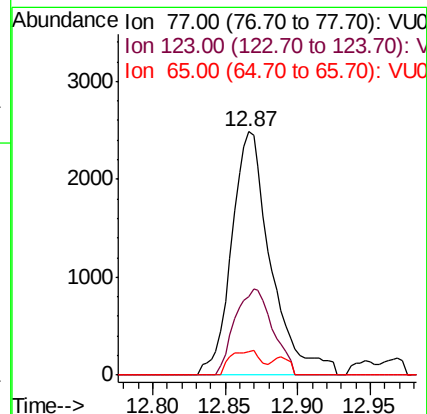
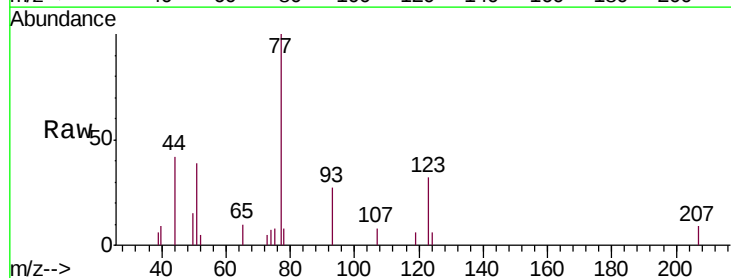
Tgt Ion: 77 Resp: 4645

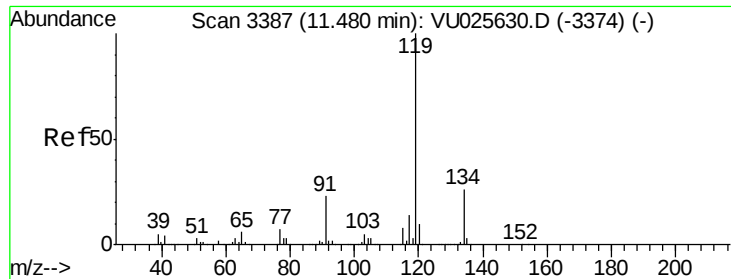
Ion Ratio Lower Upper

77 100

123 34.3 19.4 68.6

65 0.0 11.2 14.2#





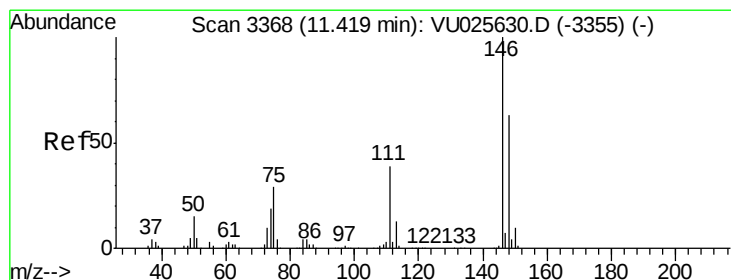
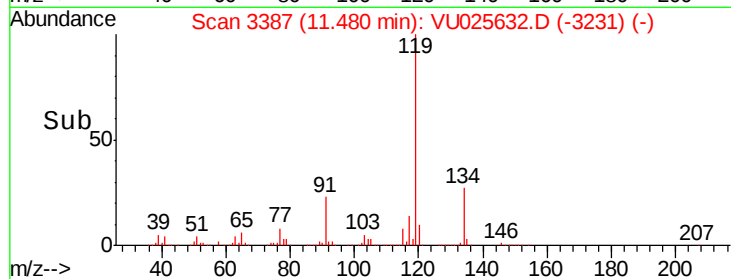
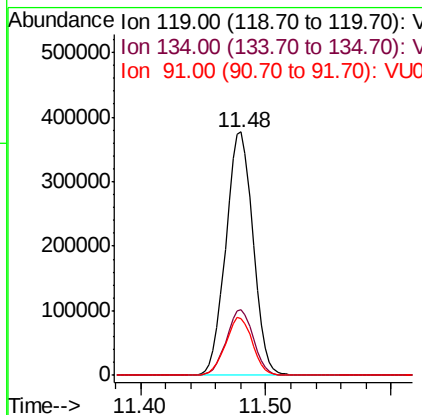
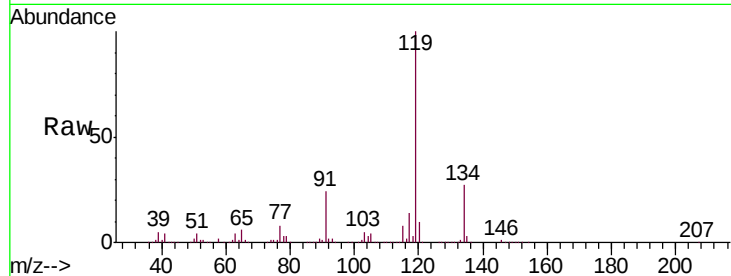
#81  
p-Isopropyltoluene  
Concen: 11.381 ug/l  
RT: 11.48 min Scan# 3387  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU072518

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 565414 |       |       |
| 134     | 26.7  | 20.9   | 31.3  |       |
| 91      | 23.7  | 18.2   | 27.2  |       |

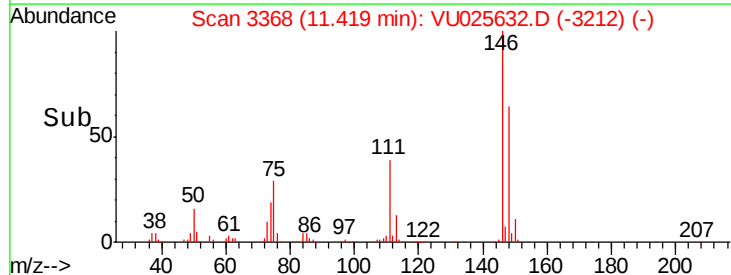
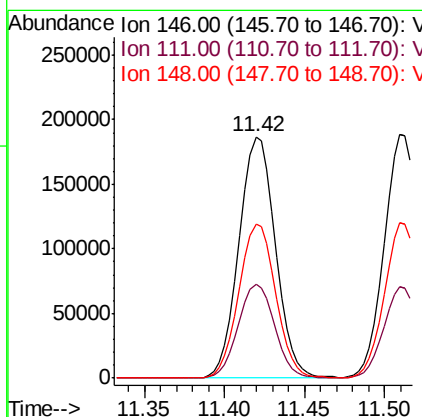
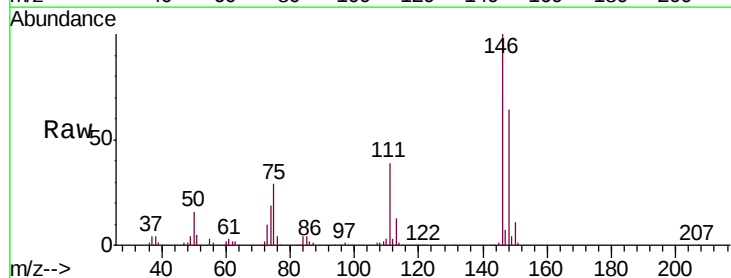
Manual Integrations  
APPROVED

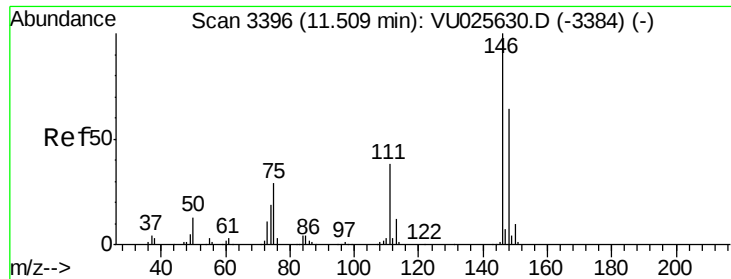
apatel  
7/26/2018 4:26:38 PM



#82  
1,3-Dichlorobenzene  
Concen: 10.486 ug/l  
RT: 11.42 min Scan# 3368  
Delta R.T. 0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 289972 |       |       |
| 111     | 39.0  | 31.8   | 47.6  |       |
| 148     | 64.5  | 51.0   | 76.4  |       |





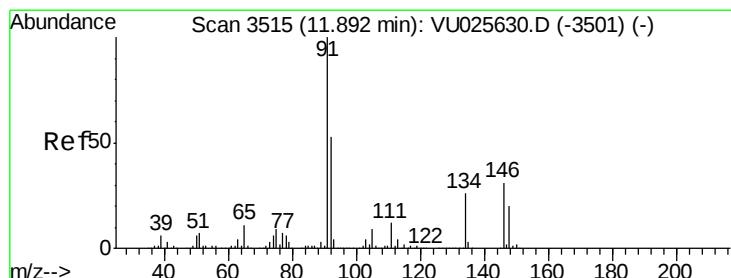
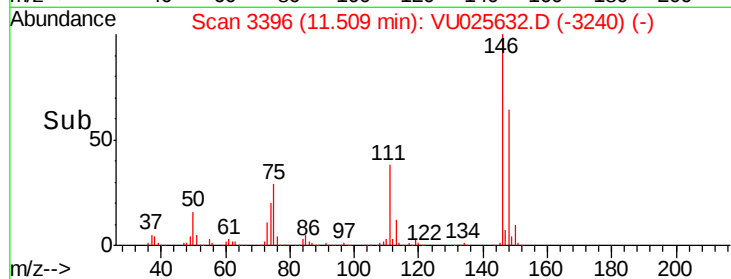
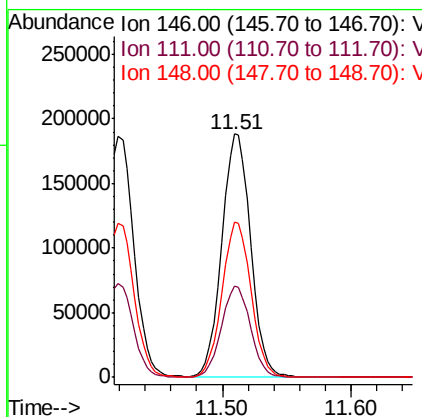
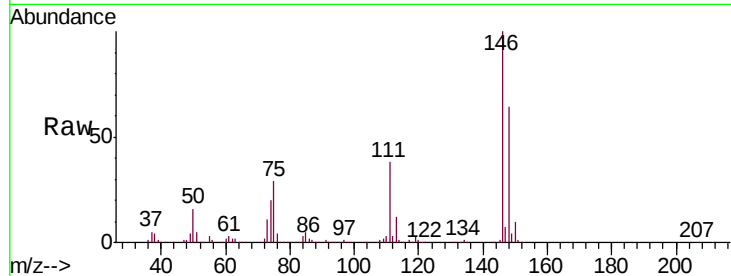
#83  
 1,4-Dichlorobenzene  
 Concen: 10.840 ug/l  
 RT: 11.51 min Scan# 3396  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU072518

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 292318 |       |       |
| 111     | 37.8  |        | 30.1  | 45.1  |
| 148     | 64.3  |        | 50.6  | 76.0  |

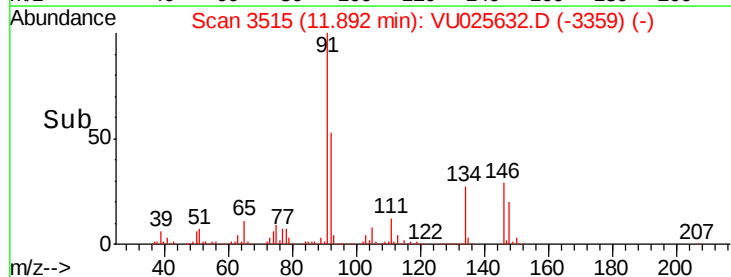
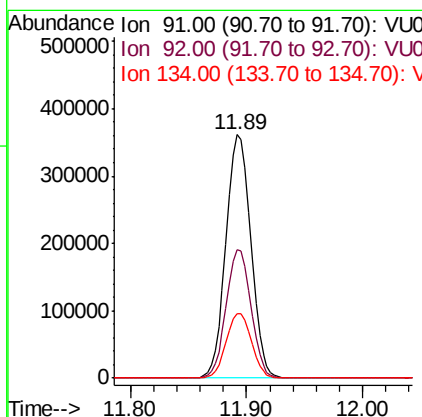
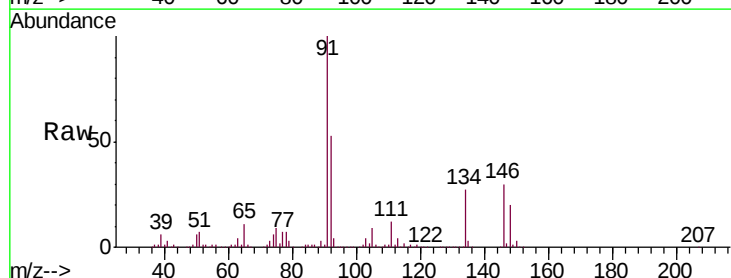
Manual Integrations  
 APPROVED

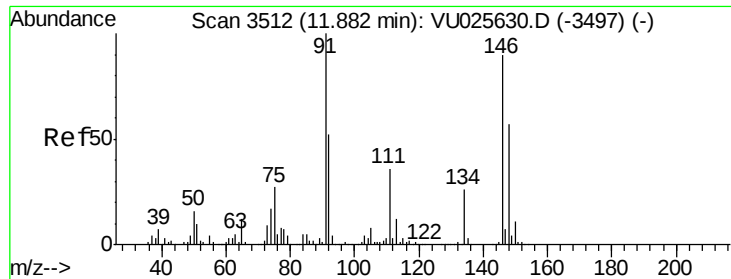
apatel  
 7/26/2018 4:26:38 PM



#84  
 n-Butylbenzene  
 Concen: 11.505 ug/l  
 RT: 11.89 min Scan# 3515  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 536291 |       |       |
| 92      | 52.6  |        | 42.2  | 63.2  |
| 134     | 26.9  |        | 20.3  | 30.5  |





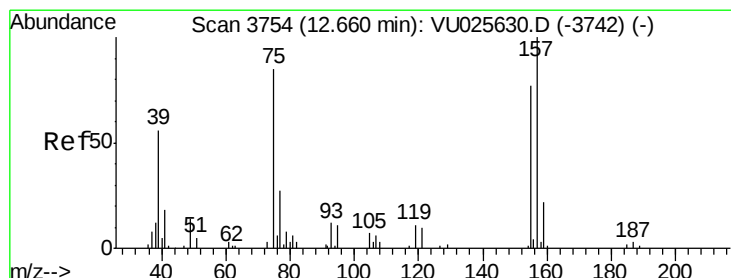
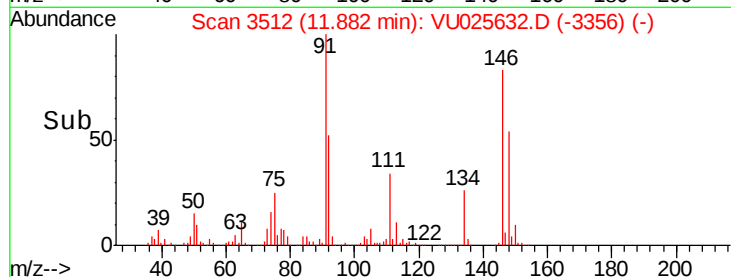
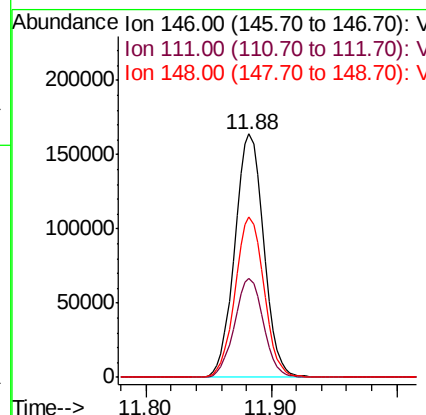
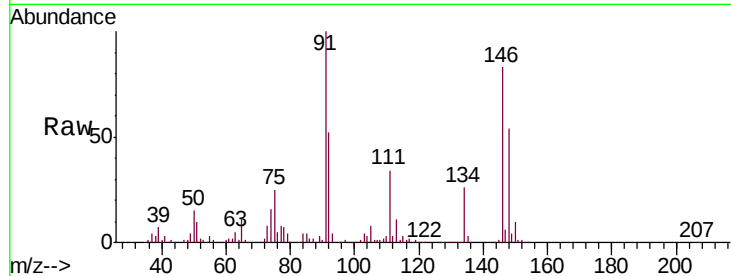
#85  
 1,2-Dichlorobenzene  
 Concen: 10.411 ug/l  
 RT: 11.88 min Scan# 3512  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU072518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.5  | 20.7  | 62.1  |
| 148     | 65.7  | 31.9  | 95.5  |

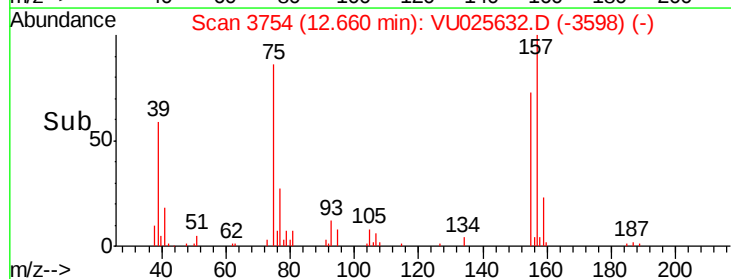
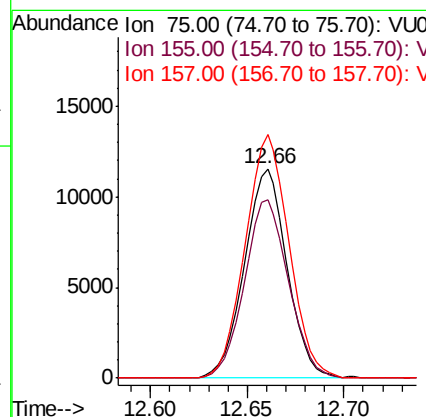
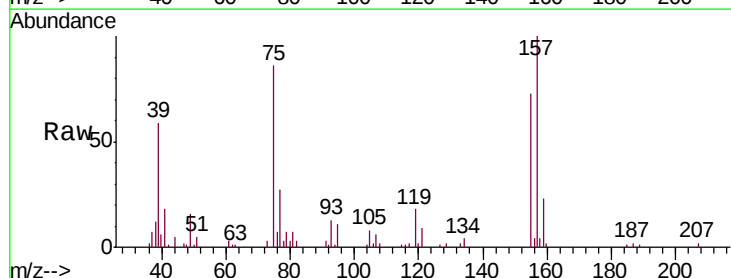
Manual Integrations  
 APPROVED

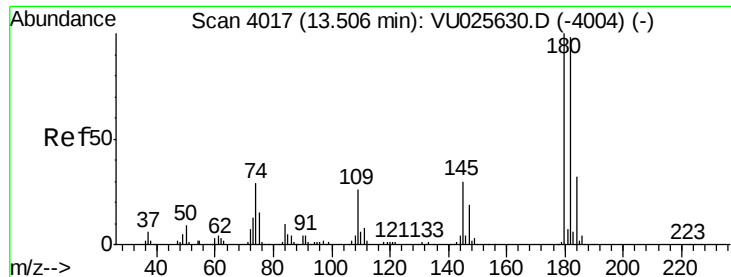
apatel  
 7/26/2018 4:26:38 PM



#86  
 1,2-Dibromo-3-Chloropropane  
 Concen: 10.752 ug/l  
 RT: 12.66 min Scan# 3754  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 88.0  | 65.8  | 98.6  |
| 157     | 119.6 | 83.5  | 125.3 |





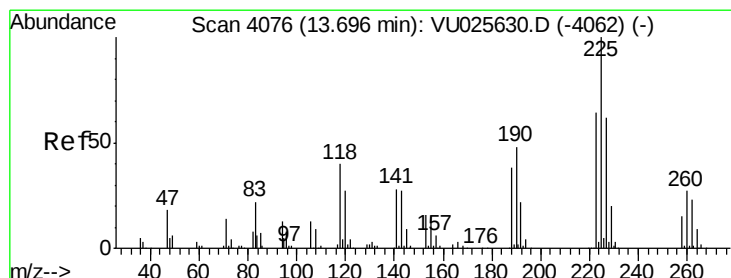
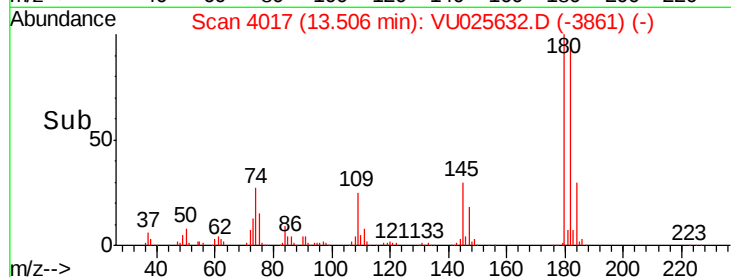
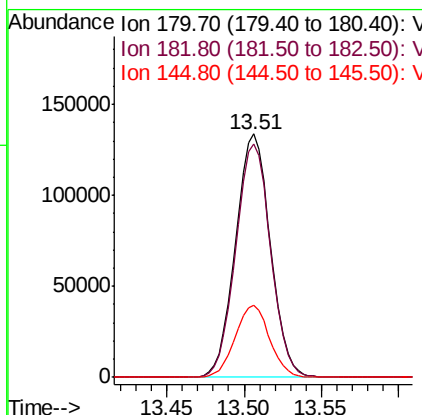
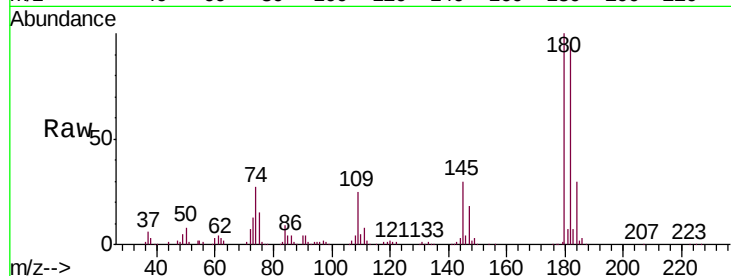
#87  
 1,2,4-Trichlorobenzene  
 Concen: 11.900 ug/l  
 RT: 13.51 min Scan# 4017  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ICVVU072518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.1  | 77.1  | 115.7 |
| 145     | 29.2  | 23.3  | 34.9  |

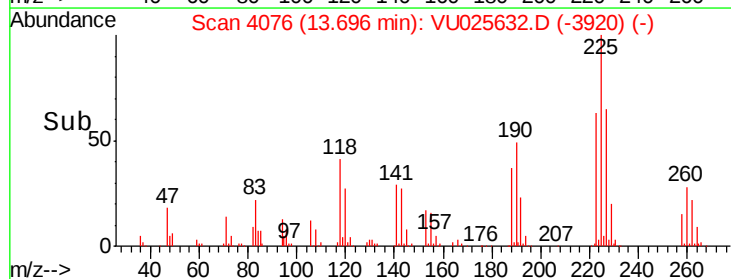
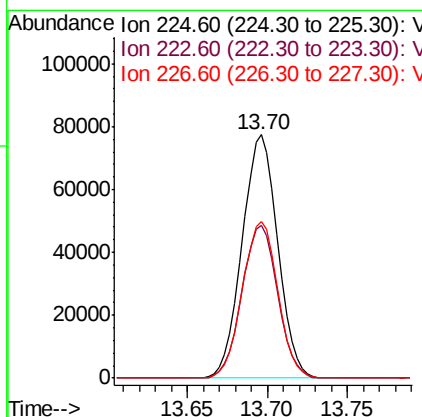
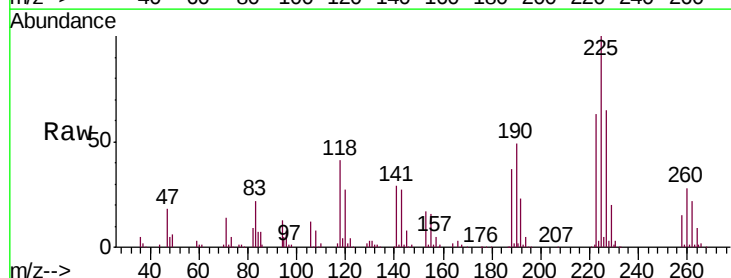
Manual Integrations  
 APPROVED

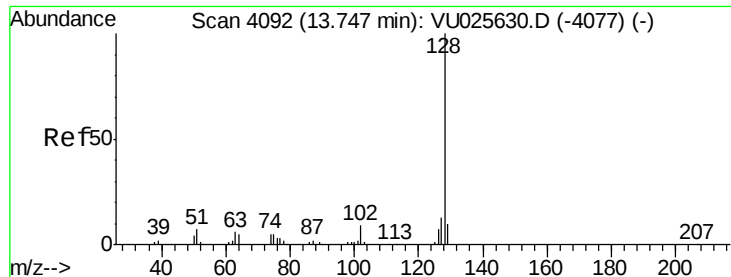
apatel  
 7/26/2018 4:26:38 PM



#88  
 Hexachlorobutadiene  
 Concen: 10.892 ug/l  
 RT: 13.70 min Scan# 4076  
 Delta R.T. 0.00 min  
 Lab File: VU025632.D  
 Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.0  | 50.6  | 75.8  |
| 227     | 64.1  | 51.8  | 77.6  |





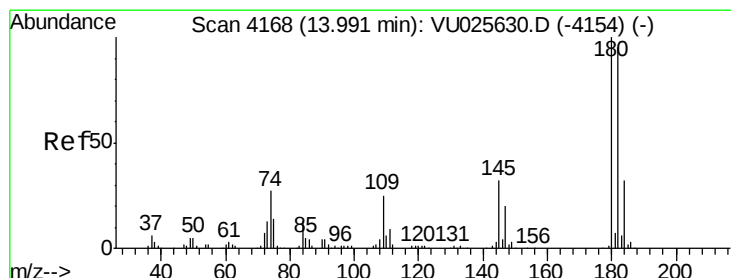
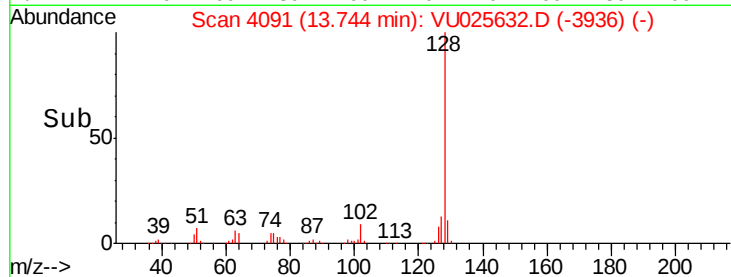
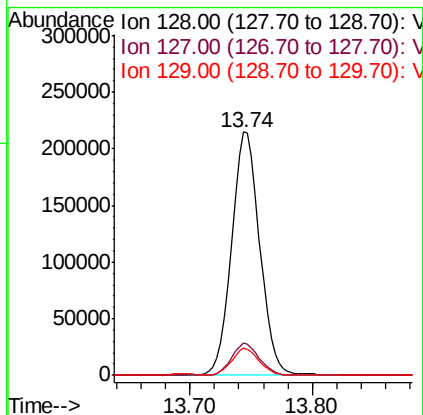
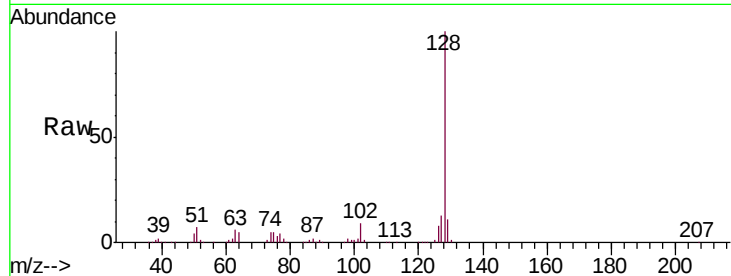
#89  
Naphthalene  
Concen: 12.089 ug/l  
RT: 13.74 min Scan# 4091  
Delta R.T. -0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

Instrument :  
MSVOA\_U  
ClientSampleId :  
ICVVU072518

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.1  | 10.5  | 15.7  |
| 129     | 10.7  | 8.7   | 13.1  |

Manual Integrations  
APPROVED

apatel  
7/26/2018 4:26:38 PM



#90  
1,2,3-Trichlorobenzene  
Concen: 11.667 ug/l  
RT: 13.99 min Scan# 4167  
Delta R.T. -0.00 min  
Lab File: VU025632.D  
Acq: 25 Jul 2018 12:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.6  | 76.8  | 115.2 |
| 145     | 31.2  | 24.6  | 36.8  |

