

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU073024\  
 Data File : VU060267.D  
 Acq On : 30 Jul 2024 16:21  
 Operator : MD/SY  
 Sample : VSTDICC002  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICC002

Quant Time: Jul 31 04:34:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U073024DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Wed Jul 31 04:32:50 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc   | Units    | Dev(Min) |
|------------------------------|--------|------|----------|--------|----------|----------|
| -----                        |        |      |          |        |          |          |
| Internal Standards           |        |      |          |        |          |          |
| 1) Fluorobenzene             | 6.106  | 96   | 41186    | 1.000  | ug/l     | # 0.00   |
| System Monitoring Compounds  |        |      |          |        |          |          |
| 57) 4-Bromofluorobenzene     | 10.630 | 95   | 13665    | 0.984  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 98.000%  |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.190 | 152  | 15390    | 1.032  | ug/l     | 0.00     |
| Spiked Amount 1.000          |        |      | Recovery | =      | 103.000% |          |
| Target Compounds             |        |      |          |        |          |          |
|                              |        |      |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.383  | 85   | 30249    | 2.050  | ug/l     | 100      |
| 3) Chloromethane             | 1.521  | 50   | 35929    | 2.024  | ug/l     | 98       |
| 4) Vinyl Chloride            | 1.602  | 62   | 35420    | 2.061  | ug/l     | 98       |
| 5) Bromomethane              | 1.849  | 94   | 20758    | 1.986  | ug/l     | 99       |
| 6) Chloroethane              | 1.930  | 64   | 20578    | 1.992  | ug/l     | 94       |
| 7) Trichlorofluoromethane    | 2.136  | 101  | 40300    | 2.075  | ug/l     | 96       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.576  | 101  | 22036    | 2.031  | ug/l     | 99       |
| 9) 1,1-Dichloroethene        | 2.576  | 96   | 23553    | 2.130  | ug/l     | 99       |
| 10) Iodomethane              | 2.718  | 142  | 27911    | 2.072  | ug/l     | 99       |
| 11) Allyl Chloride           | 2.917  | 41   | 33438    | 2.091  | ug/l     | 100      |
| 12) Acrylonitrile            | 3.309  | 53   | 11370    | 3.653  | ug/l     | 89       |
| 13) Acetone                  | 2.621  | 43   | 29924    | 8.997  | ug/l     | 98       |
| 14) Carbon Disulfide         | 2.788  | 76   | 81668    | 2.091  | ug/l     | 98       |
| 15) Methylene Chloride       | 3.039  | 84   | 29564    | 1.915  | ug/l     | 96       |
| 16) trans-1,2-Dichloroethene | 3.345  | 96   | 25726    | 2.110  | ug/l     | 91       |
| 17) 1,1-Dichloroethane       | 3.859  | 63   | 48369    | 2.067  | ug/l     | 98       |
| 18) 2-Butanone               | 4.714  | 43   | 41321    | 9.593  | ug/l     | 99       |
| 19) Cyclohexane              | 5.370  | 56   | 43209m   | 2.042  | ug/l     |          |
| 20) Methylcyclohexane        | 6.753  | 83   | 31234    | 1.873  | ug/l     | 96       |
| 21) 2,2-Dichloropropane      | 4.653  | 77   | 34853    | 2.002  | ug/l     | 98       |
| 22) cis-1,2-Dichloroethene   | 4.656  | 96   | 27302    | 2.080  | ug/l     | 99       |
| 23) Diethyl Ether            | 2.374  | 59   | 19376    | 2.047  | ug/l     | 99       |
| 24) tert-Butyl Alcohol       | 3.181  | 59   | 21315    | 19.661 | ug/l     | 98       |
| 25) Methyl tert-Butyl Ether  | 3.361  | 73   | 57913    | 2.040  | ug/l     | 97       |
| 26) Bromochloromethane       | 4.965  | 128  | 10850    | 2.054  | ug/l     | 98       |
| 27) Chloroform               | 5.081  | 83   | 46630    | 2.055  | ug/l     | 97       |
| 28) 1,1,1-Trichloroethane    | 5.306  | 97   | 39206    | 2.097  | ug/l     | 99       |
| 29) 1,1-Dichloropropene      | 5.512  | 75   | 30866    | 2.035  | ug/l     | 98       |
| 30) Carbon Tetrachloride     | 5.508  | 117  | 31257    | 2.060  | ug/l     | 97       |
| 31) Isopropyl Ether          | 3.994  | 45   | 72542    | 2.060  | ug/l     | 98       |
| 32) Ethyl-t-butyl ether      | 4.505  | 59   | 68633    | 2.081  | ug/l     | 99       |
| 33) Tert-Amyl methyl ether   | 5.946  | 73   | 45328    | 1.920  | ug/l     | 98       |
| 34) Propionitrile            | 4.775  | 54   | 12503    | 10.186 | ug/l #   | 97       |
| 35) Benzene                  | 5.762  | 78   | 95671    | 2.031  | ug/l     | 99       |
| 36) 1,2-Dichloroethane       | 5.791  | 62   | 27901    | 2.051  | ug/l     | 97       |
| 37) Trichloroethene          | 6.534  | 130  | 23320    | 2.007  | ug/l     | 98       |
| 38) 1,2-Dichloropropane      | 6.788  | 63   | 26987    | 2.059  | ug/l     | 99       |
| 39) Methacrylonitrile        | 4.975  | 41   | 9503     | 2.016  | ug/l     | 95       |
| 40) Methyl acrylate          | 4.849  | 55   | 15295    | 1.976  | ug/l     | 97       |
| 41) Tetrahydrofuran          | 5.062  | 42   | 10447    | 4.267  | ug/l     | 97       |
| 42) 1-Chlorobutane           | 5.447  | 56   | 43666    | 2.044  | ug/l     | 98       |
| 43) Dibromomethane           | 6.914  | 93   | 13073    | 2.014  | ug/l     | 99       |
| 44) Bromodichloromethane     | 7.103  | 83   | 31594    | 2.037  | ug/l     | 100      |

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 Sample : VSTDICC002  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

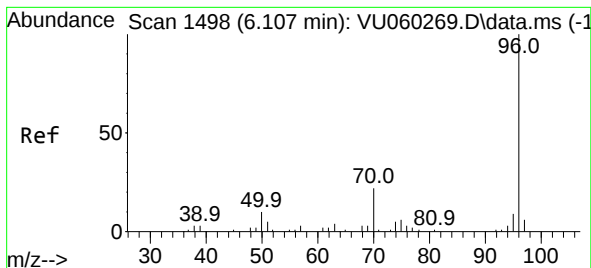
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICC002

Quant Time: Jul 31 04:34:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U073024DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Wed Jul 31 04:32:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.798  | 43   | 61213    | 9.373 | ug/l   | 96       |
| 46) t-1,4-Dichloro-2-butene   | 10.830 | 75   | 10429m   | 3.814 | ug/l   |          |
| 47) Methyl methacrylate       | 6.968  | 69   | 21366    | 3.767 | ug/l   | 97       |
| 48) Ethyl methacrylate        | 8.335  | 69   | 17790    | 2.032 | ug/l   | 96       |
| 49) Toluene                   | 7.965  | 92   | 50839    | 1.945 | ug/l   | 99       |
| 50) t-1,3-Dichloropropene     | 8.209  | 75   | 26126    | 1.999 | ug/l   | 98       |
| 51) cis-1,3-Dichloropropene   | 7.605  | 75   | 31599    | 2.028 | ug/l   | 98       |
| 52) 1,1,2-Trichloroethane     | 8.399  | 97   | 19404    | 2.070 | ug/l   | 95       |
| 53) 1,3-Dichloropropane       | 8.573  | 76   | 31225    | 2.025 | ug/l   | 100      |
| 54) 2-Hexanone                | 8.688  | 43   | 44194    | 9.067 | ug/l   | 92       |
| 55) Dibromochloromethane      | 8.804  | 129  | 20738    | 2.014 | ug/l   | 98       |
| 56) 1,2-Dibromoethane         | 8.920  | 107  | 17440    | 2.062 | ug/l   | 97       |
| 58) Tetrachloroethene         | 8.547  | 164  | 22319    | 2.027 | ug/l   | 98       |
| 59) Chlorobenzene             | 9.444  | 112  | 55061    | 1.963 | ug/l   | 98       |
| 60) 1,1,1,2-Tetrachloroethane | 9.531  | 131  | 22214    | 2.059 | ug/l   | 97       |
| 61) Pentachloroethane         | 11.421 | 117  | 17772    | 2.077 | ug/l   | 96       |
| 62) Hexachloroethane          | 12.470 | 117  | 17059    | 2.004 | ug/l   | 99       |
| 63) Ethyl Benzene             | 9.566  | 91   | 81731    | 1.974 | ug/l   | 97       |
| 64) m/p-Xylenes               | 9.688  | 106  | 65367    | 3.876 | ug/l   | 98       |
| 65) o-Xylene                  | 10.097 | 106  | 32296    | 2.015 | ug/l   | 100      |
| 66) Styrene                   | 10.113 | 104  | 50914    | 1.932 | ug/l   | 97       |
| 67) Bromoform                 | 10.286 | 173  | 12216    | 2.013 | ug/l # | 94       |
| 69) Isopropylbenzene          | 10.479 | 105  | 81776    | 2.011 | ug/l   | 99       |
| 70) 1,1,2,2-Tetrachloroethane | 10.778 | 83   | 25875    | 2.059 | ug/l   | 98       |
| 71) 1,2,3-Trichloropropane    | 10.820 | 75   | 18344m   | 2.016 | ug/l   |          |
| 72) Bromobenzene              | 10.778 | 156  | 22852    | 2.008 | ug/l   | 98       |
| 73) n-propylbenzene           | 10.901 | 120  | 21903    | 1.994 | ug/l   | 98       |
| 74) 2-Chlorotoluene           | 10.981 | 126  | 21410    | 1.883 | ug/l   | 99       |
| 75) 1,3,5-Trimethylbenzene    | 11.084 | 105  | 69337    | 1.959 | ug/l   | 100      |
| 76) 4-Chlorotoluene           | 11.093 | 126  | 22129    | 1.988 | ug/l   | 97       |
| 77) tert-Butylbenzene         | 11.415 | 119  | 68442    | 2.043 | ug/l   | 100      |
| 78) 1,2,4-Trimethylbenzene    | 11.463 | 105  | 69131    | 1.971 | ug/l   | 99       |
| 79) sec-Butylbenzene          | 11.640 | 105  | 93856    | 2.025 | ug/l   | 99       |
| 80) Nitrobenzene              | 13.216 | 77   | 5667m    | 9.695 | ug/l   |          |
| 81) p-Isopropyltoluene        | 11.788 | 119  | 69664    | 1.979 | ug/l   | 97       |
| 82) 1,3-Dichlorobenzene       | 11.743 | 146  | 46427    | 2.015 | ug/l   | 99       |
| 83) 1,4-Dichlorobenzene       | 11.833 | 146  | 45503    | 2.002 | ug/l   | 98       |
| 84) n-Butylbenzene            | 12.206 | 91   | 62307    | 2.002 | ug/l   | 97       |
| 85) 1,2-Dichlorobenzene       | 12.209 | 146  | 45182    | 2.020 | ug/l   | 98       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.994 | 75   | 3550     | 2.003 | ug/l   | 96       |
| 87) 1,2,4-Trichlorobenzene    | 13.839 | 180  | 22444    | 1.915 | ug/l   | 99       |
| 88) Hexachlorobutadiene       | 14.016 | 225  | 15356    | 1.992 | ug/l   | 98       |
| 89) Naphthalene               | 14.087 | 128  | 35270    | 2.129 | ug/l   | 98       |
| 90) 1,2,3-Trichlorobenzene    | 14.328 | 180  | 21064    | 2.074 | ug/l   | 99       |

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

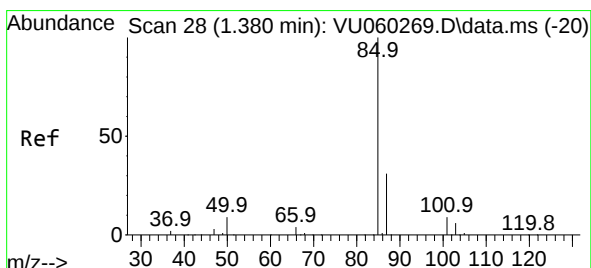
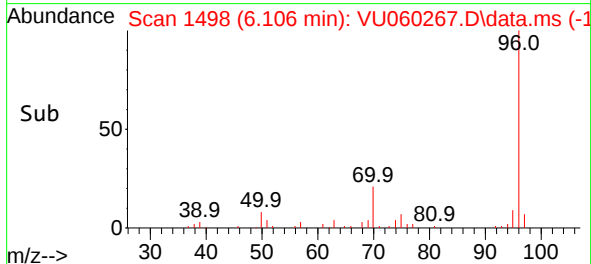
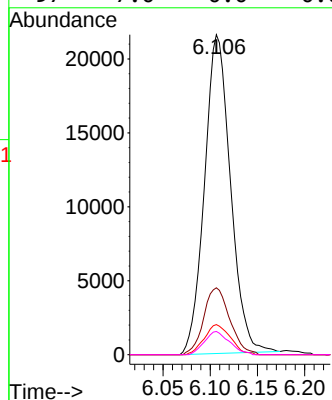
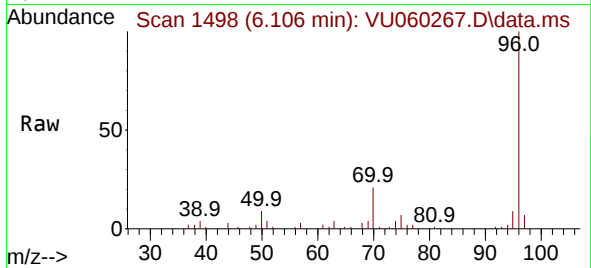




#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.106 min Scan# 14  
Delta R.T. -0.001 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

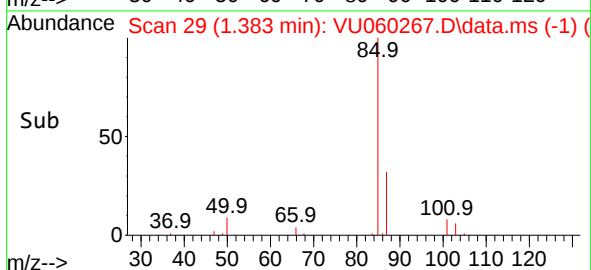
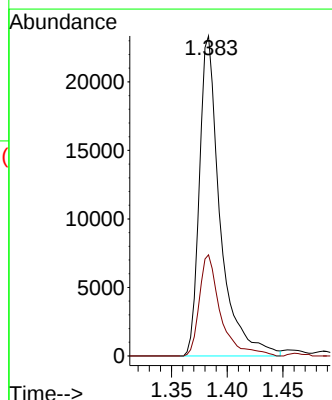
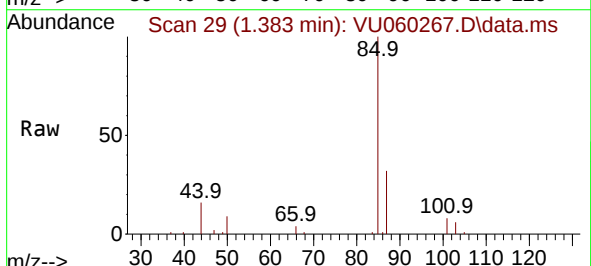
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC002

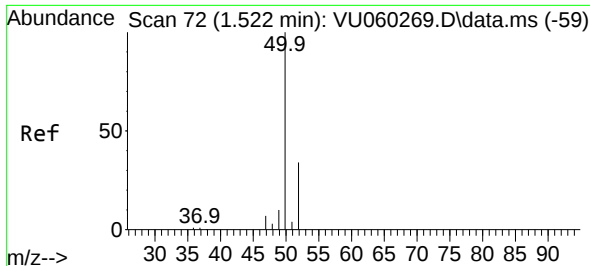
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 41186 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 70 21.1     | 17.0 25.4   |
| 95 9.5      | 7.6 11.4    |
| 97 7.0      | 0.0 0.0     |



#2  
Dichlorodifluoromethane  
Concen: 2.050 ug/l  
RT: 1.383 min Scan# 29  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

|             |             |
|-------------|-------------|
| Tgt Ion: 85 | Resp: 30249 |
| Ion Ratio   | Lower Upper |
| 85 100      |             |
| 87 31.6     | 15.7 47.1   |

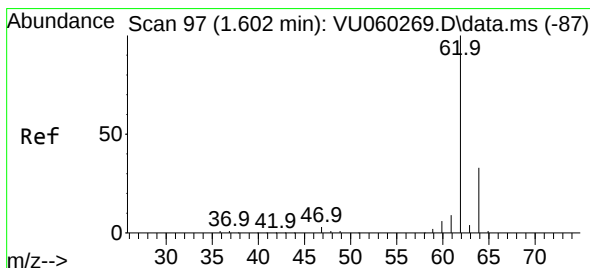
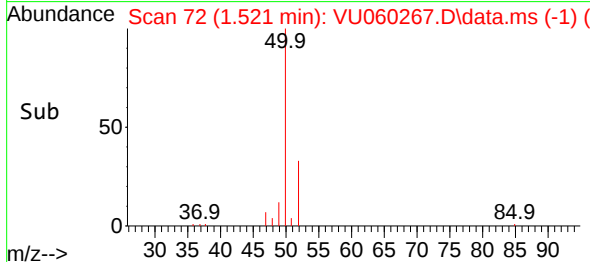
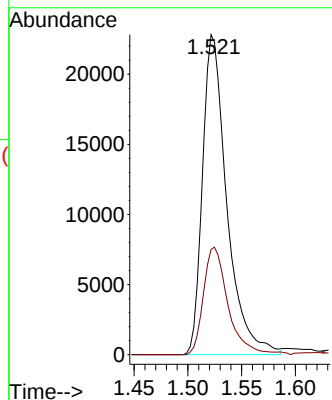
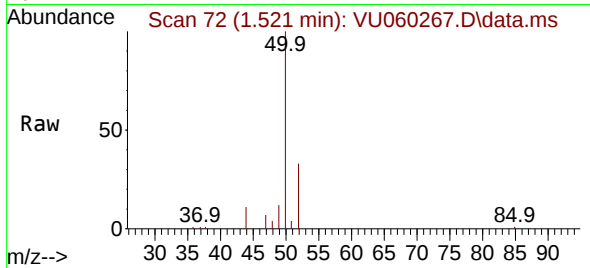




#3  
Chloromethane  
Concen: 2.024 ug/l  
RT: 1.521 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

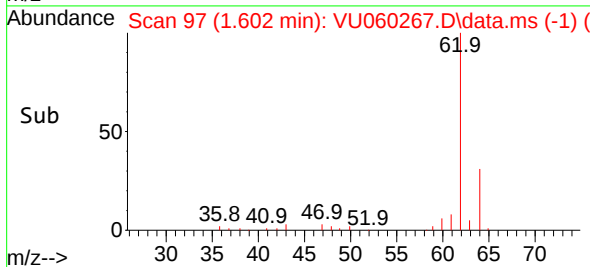
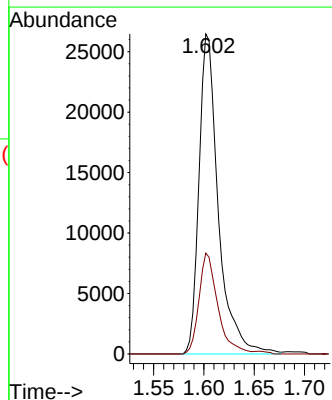
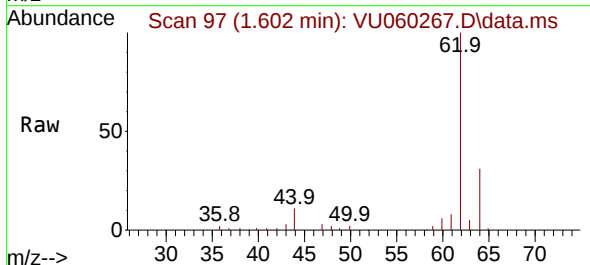
Instrument :  
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ClientSampleId :  
VSTDICC002

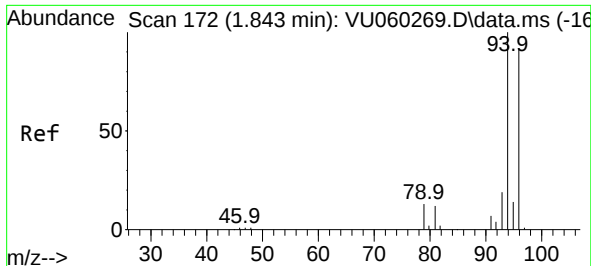
Tgt Ion: 50 Resp: 35929  
Ion Ratio Lower Upper  
50 100  
52 32.9 27.2 40.8



#4  
Vinyl Chloride  
Concen: 2.061 ug/l  
RT: 1.602 min Scan# 97  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion: 62 Resp: 35420  
Ion Ratio Lower Upper  
62 100  
64 31.5 26.2 39.2

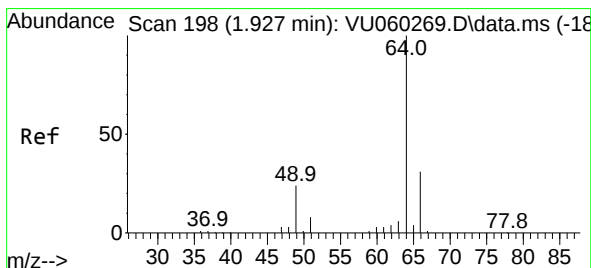
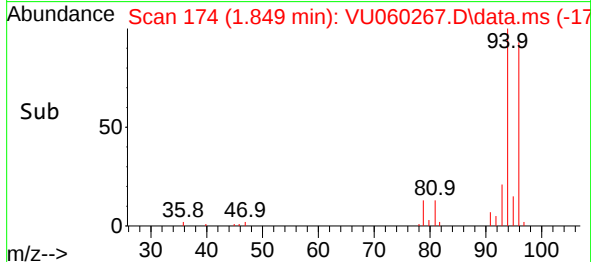
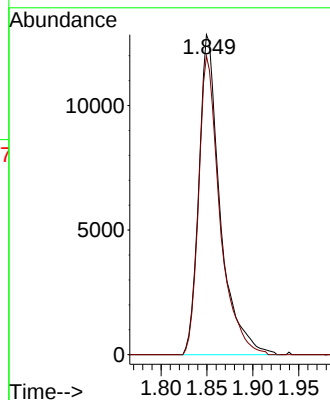
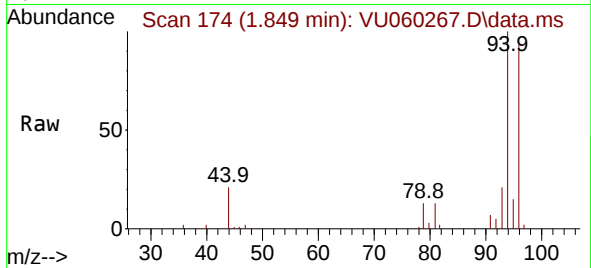




#5  
Bromomethane  
Concen: 1.986 ug/l  
RT: 1.849 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

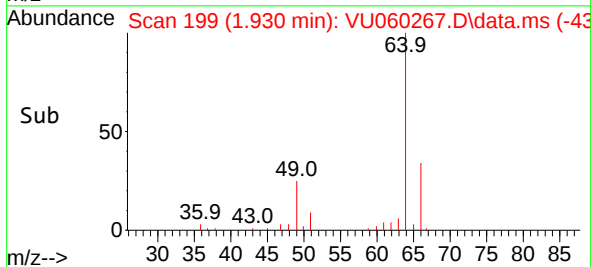
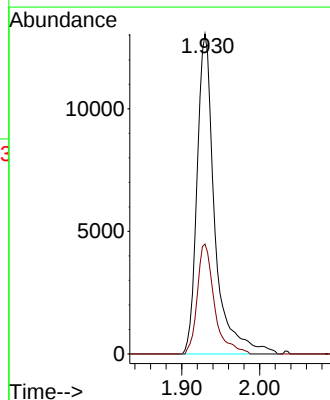
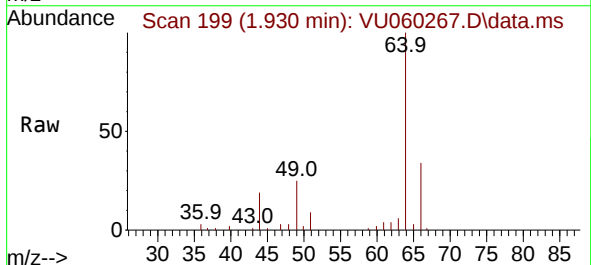
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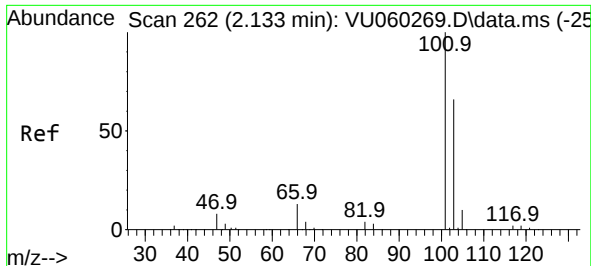
Tgt Ion: 94 Resp: 20758  
Ion Ratio Lower Upper  
94 100  
96 93.3 73.8 110.8



#6  
Chloroethane  
Concen: 1.992 ug/l  
RT: 1.930 min Scan# 199  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion: 64 Resp: 20578  
Ion Ratio Lower Upper  
64 100  
66 34.3 25.0 37.6

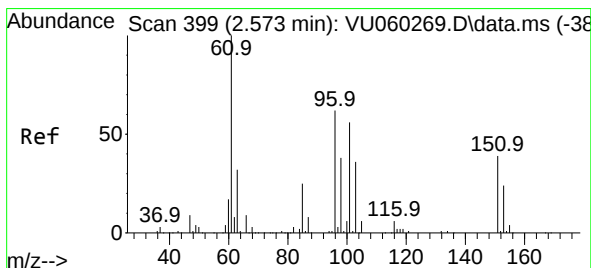
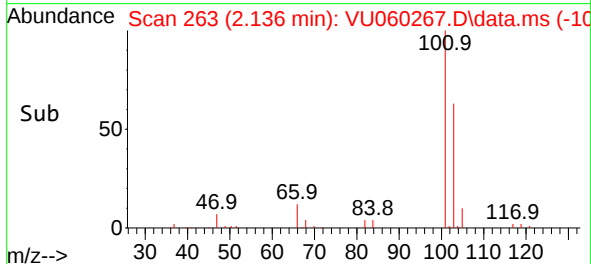
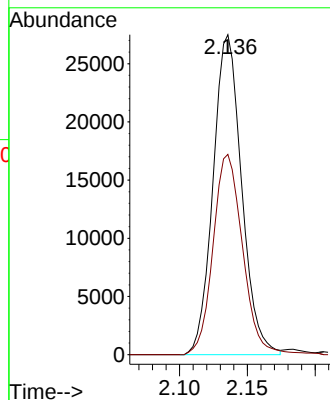
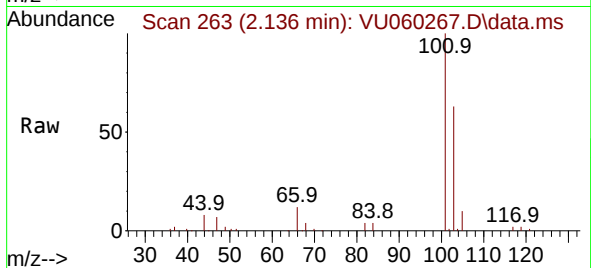




#7  
Trichlorofluoromethane  
Concen: 2.075 ug/l  
RT: 2.136 min Scan# 2  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

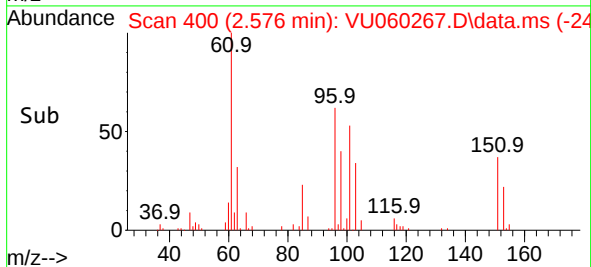
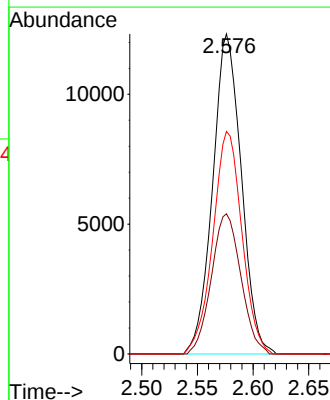
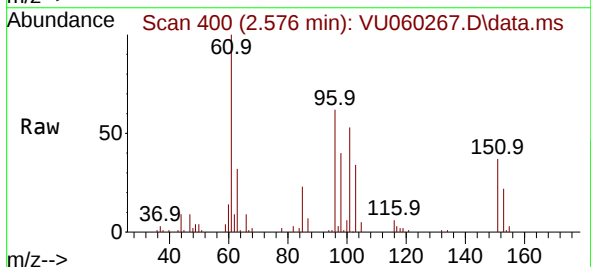
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC002

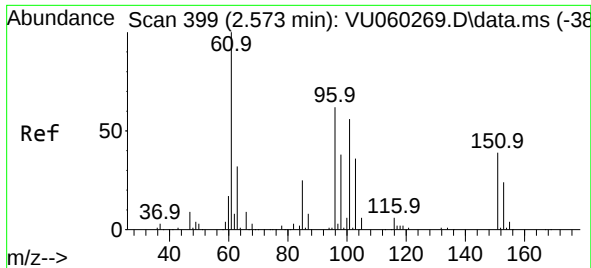
Tgt Ion:101 Resp: 40300  
Ion Ratio Lower Upper  
101 100  
103 62.6 52.6 78.8



#8  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 2.031 ug/l  
RT: 2.576 min Scan# 400  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion:101 Resp: 22036  
Ion Ratio Lower Upper  
101 100  
85 45.1 35.7 53.5  
151 70.7 56.0 84.0

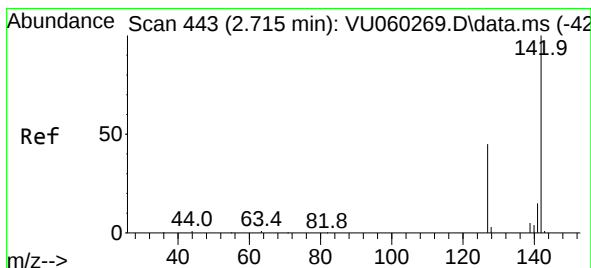
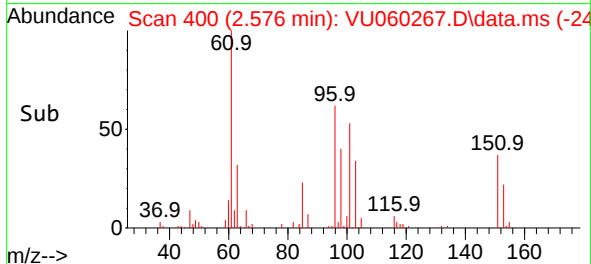
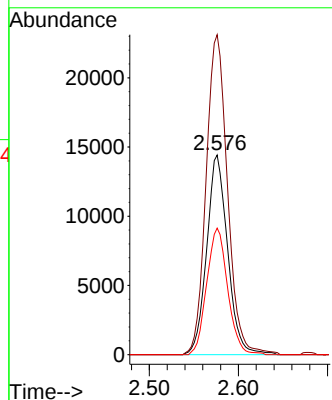
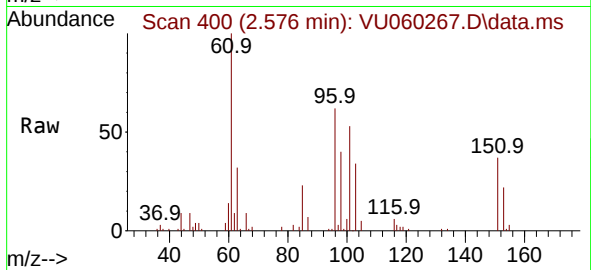




#9  
1,1-Dichloroethene  
Concen: 2.130 ug/l  
RT: 2.576 min Scan# 400  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

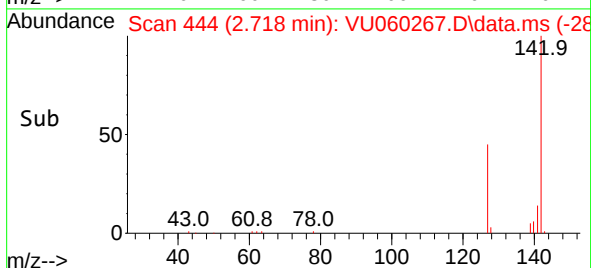
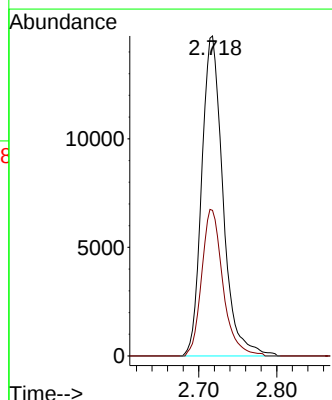
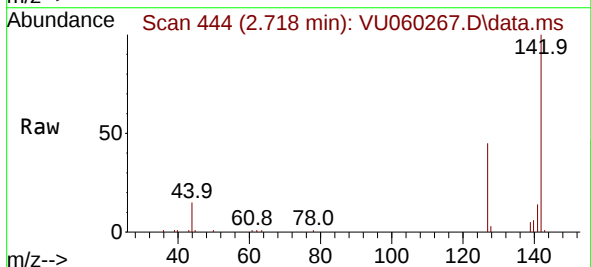
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

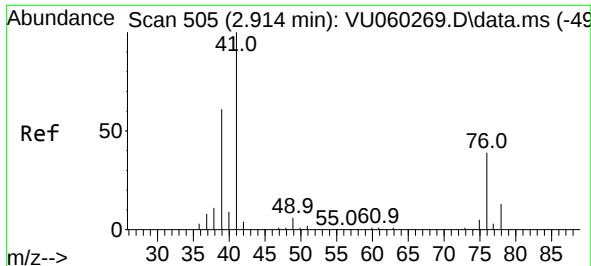
Tgt Ion: 96 Resp: 23553  
Ion Ratio Lower Upper  
96 100  
61 160.2 0.0 482.4  
98 63.4 0.0 121.4



#10  
Iodomethane  
Concen: 2.072 ug/l  
RT: 2.718 min Scan# 444  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion: 142 Resp: 27911  
Ion Ratio Lower Upper  
142 100  
127 45.8 36.1 54.1

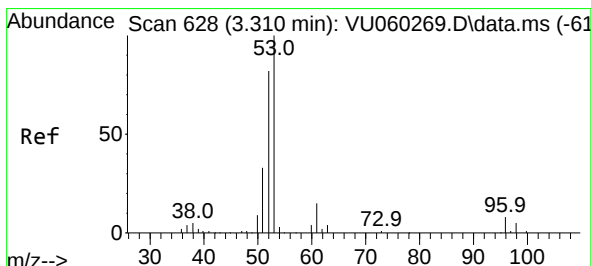
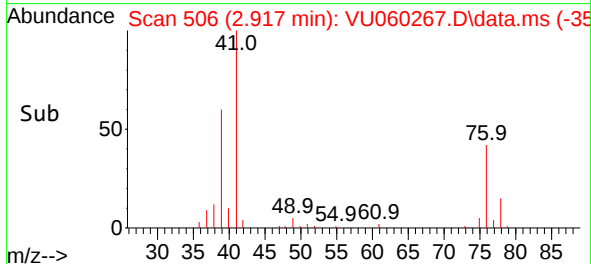
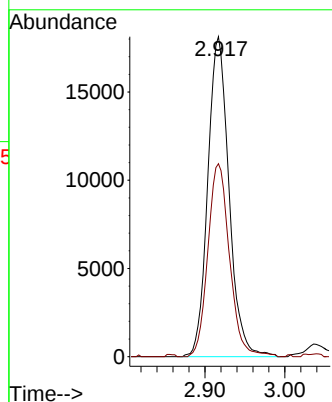
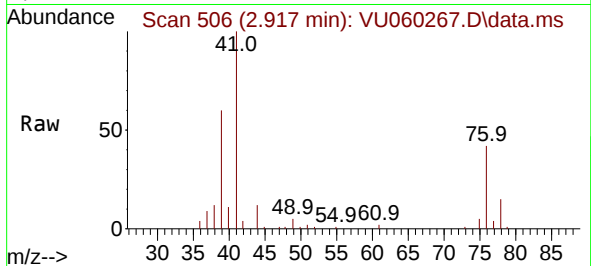




#11  
 Allyl Chloride  
 Concen: 2.091 ug/l  
 RT: 2.917 min Scan# 505  
 Delta R.T. 0.003 min  
 Lab File: VU060267.D  
 Acq: 30 Jul 2024 16:21

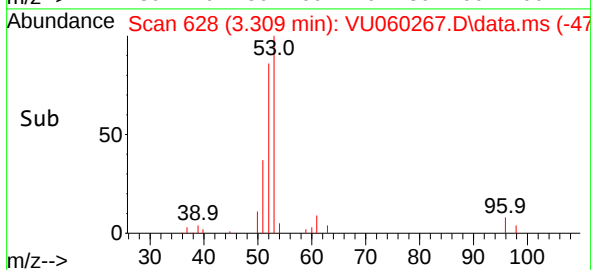
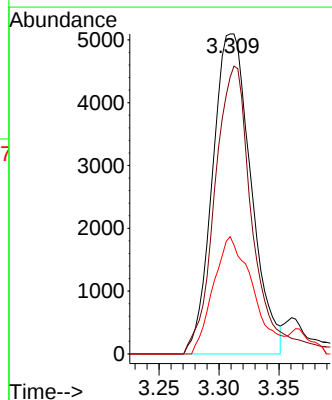
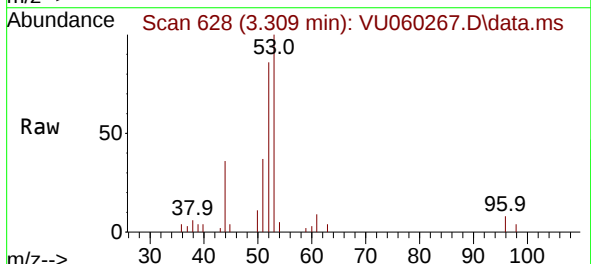
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC002

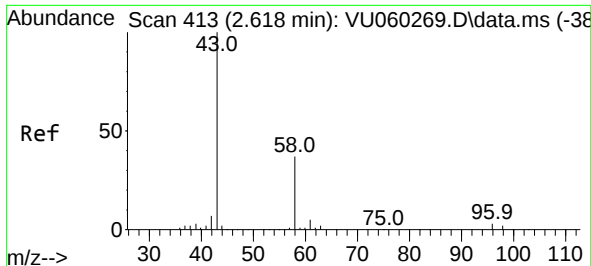
Tgt Ion: 41 Resp: 33438  
 Ion Ratio Lower Upper  
 41 100  
 39 61.6 49.0 73.6



#12  
 Acrylonitrile  
 Concen: 3.653 ug/l  
 RT: 3.309 min Scan# 628  
 Delta R.T. -0.000 min  
 Lab File: VU060267.D  
 Acq: 30 Jul 2024 16:21

Tgt Ion: 53 Resp: 11370  
 Ion Ratio Lower Upper  
 53 100  
 52 88.3 62.6 94.0  
 51 38.0 25.8 38.8





#13

Acetone

Concen: 8.997 ug/l

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA\_U

ClientSampleId :

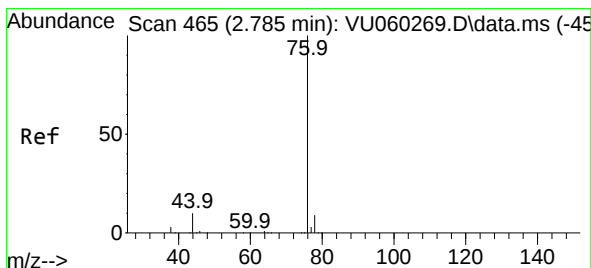
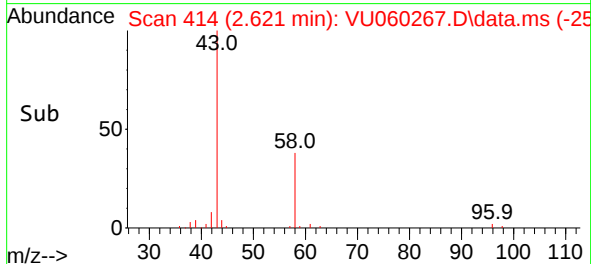
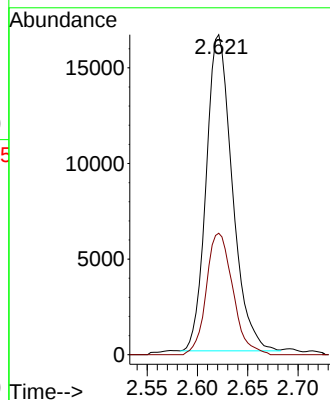
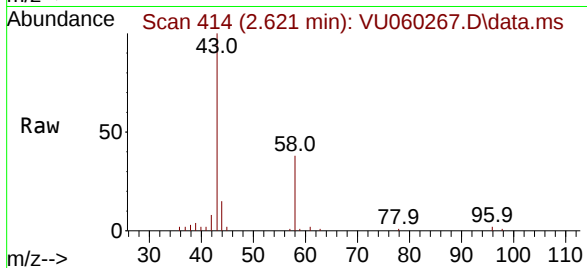
VSTDIC002

Tgt Ion: 43 Resp: 29924

Ion Ratio Lower Upper

43 100

58 38.4 29.6 44.4



#14

Carbon Disulfide

Concen: 2.091 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU060267.D

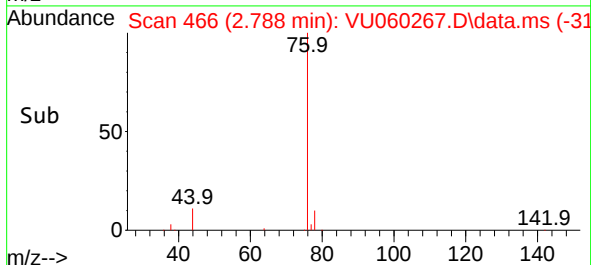
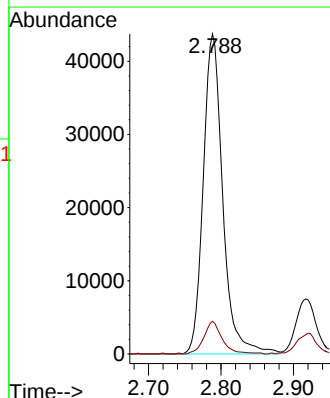
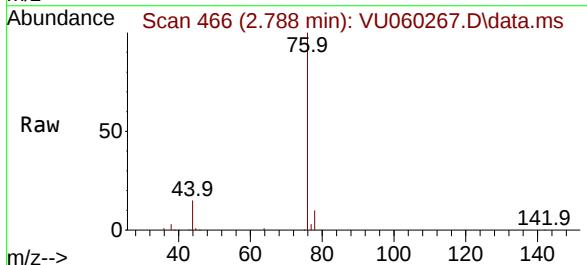
Acq: 30 Jul 2024 16:21

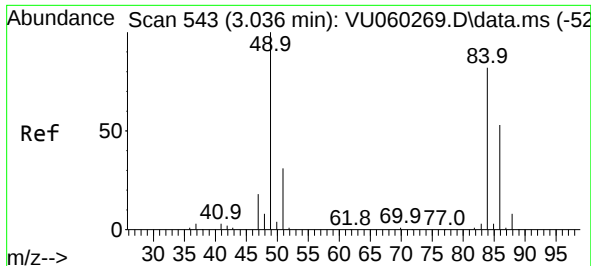
Tgt Ion: 76 Resp: 81668

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0

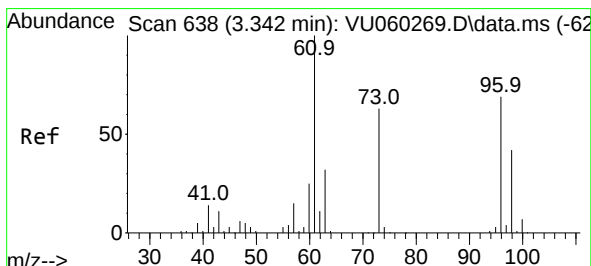
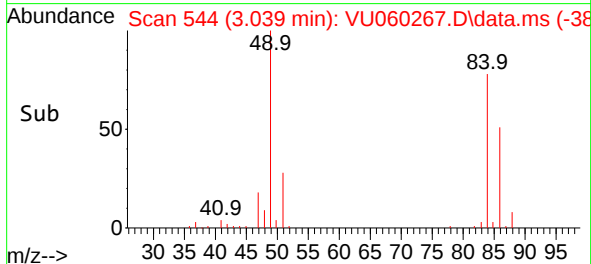
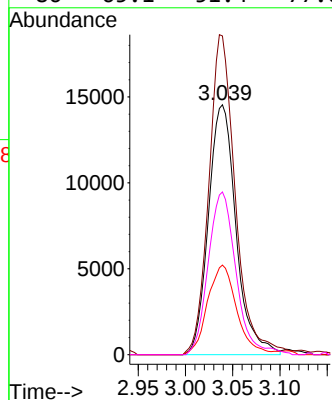
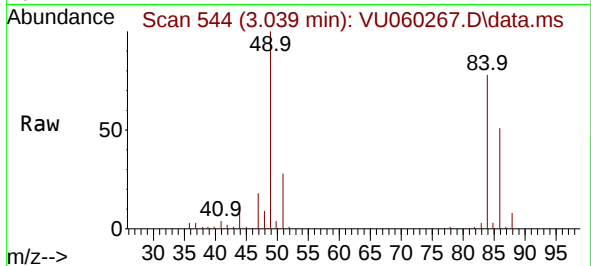




#15  
Methylene Chloride  
Concen: 1.915 ug/l  
RT: 3.039 min Scan# 543  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

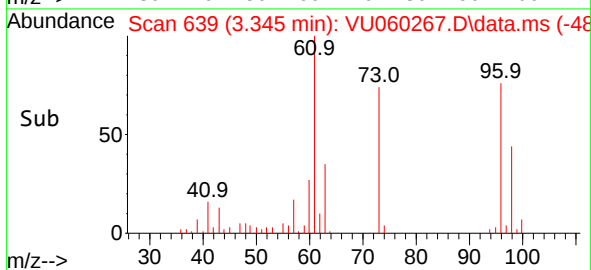
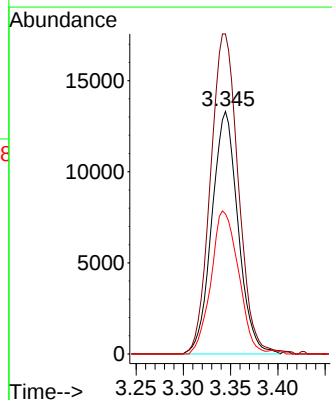
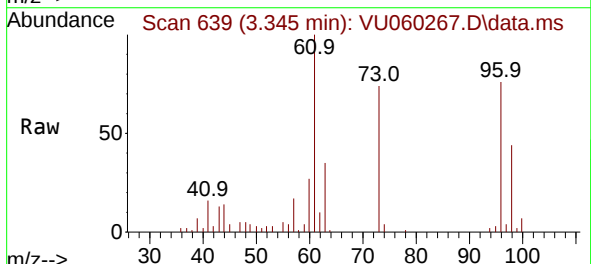
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

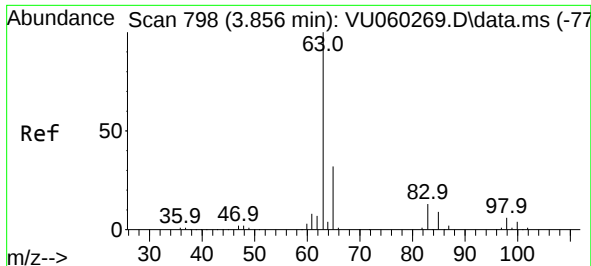
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 29564 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 127.6 | 97.1  | 145.7 |
| 51       | 35.9  | 0.0   | 74.6  |
| 86       | 65.1  | 51.4  | 77.0  |



#16  
trans-1,2-Dichloroethene  
Concen: 2.110 ug/l  
RT: 3.345 min Scan# 639  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 25726 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 131.9 | 116.2 | 174.4 |
| 98       | 57.7  | 49.2  | 73.8  |

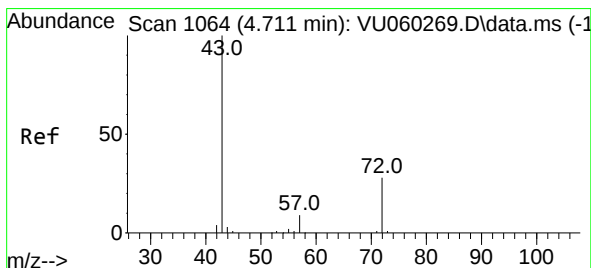
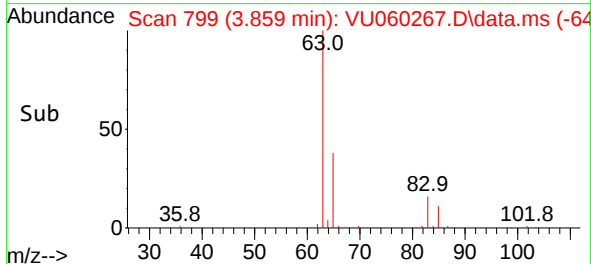
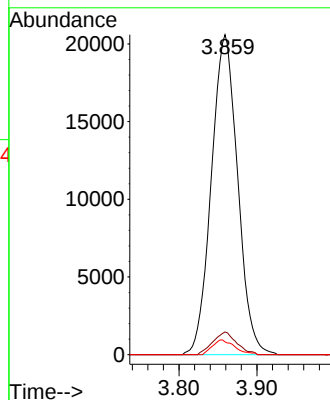
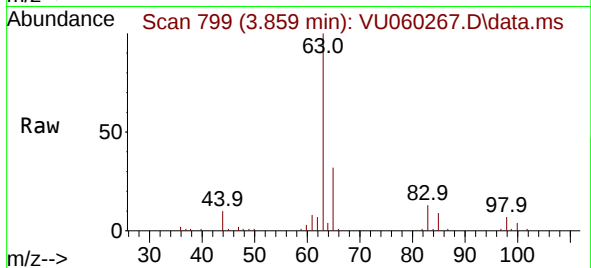




#17  
 1,1-Dichloroethane  
 Concen: 2.067 ug/l  
 RT: 3.859 min Scan# 798  
 Delta R.T. 0.003 min  
 Lab File: VU060267.D  
 Acq: 30 Jul 2024 16:21

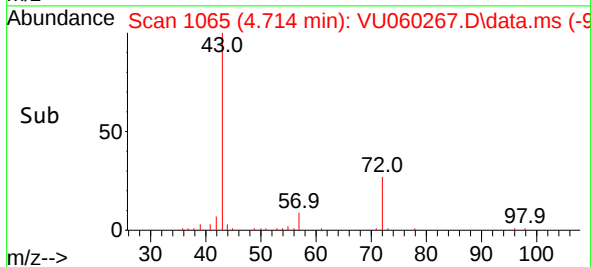
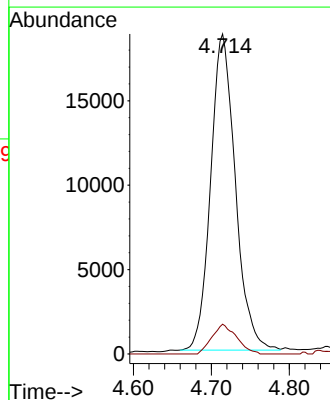
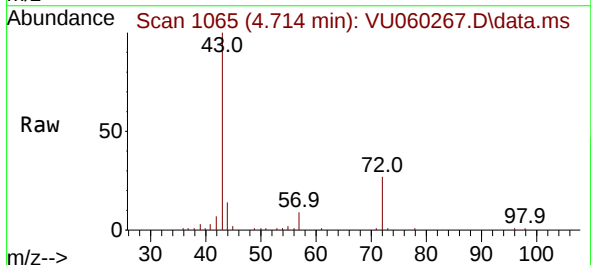
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC002

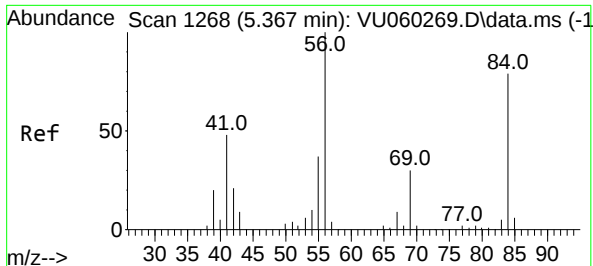
Tgt Ion: 63 Resp: 48369  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.1 9.3  
 100 4.0 1.8 5.5



#18  
 2-Butanone  
 Concen: 9.593 ug/l  
 RT: 4.714 min Scan# 1065  
 Delta R.T. 0.003 min  
 Lab File: VU060267.D  
 Acq: 30 Jul 2024 16:21

Tgt Ion: 43 Resp: 41321  
 Ion Ratio Lower Upper  
 43 100  
 57 9.4 0.0 18.2





#19

Cyclohexane

Concen: 2.042 ug/l m

RT: 5.370 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICC002

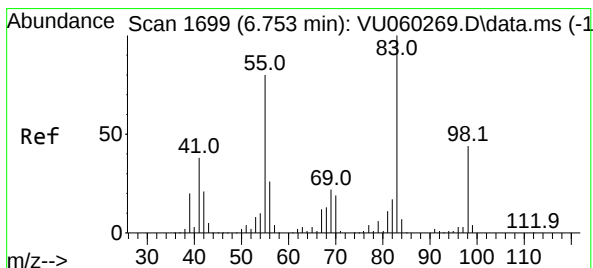
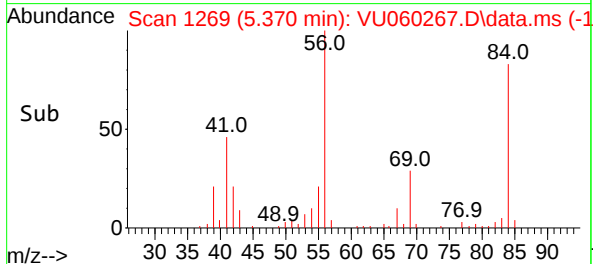
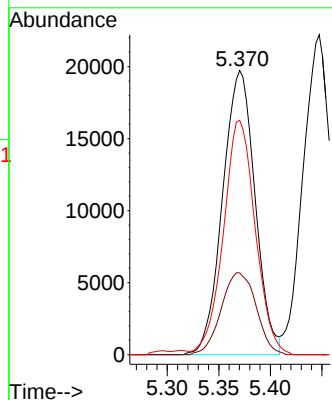
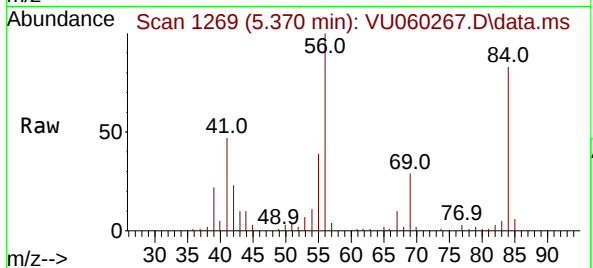
Tgt Ion: 56 Resp: 43209

Ion Ratio Lower Upper

56 100

69 31.0 24.1 36.1

84 79.6 63.7 95.5



#20

Methylcyclohexane

Concen: 1.873 ug/l

RT: 6.753 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

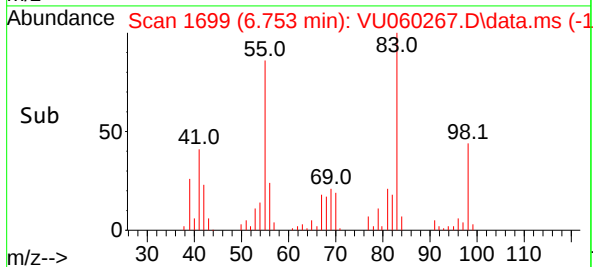
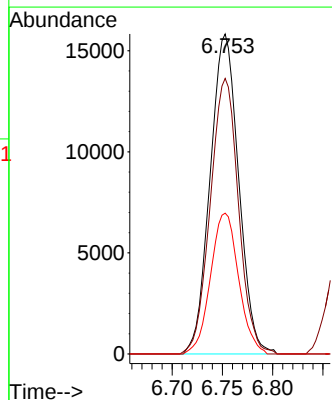
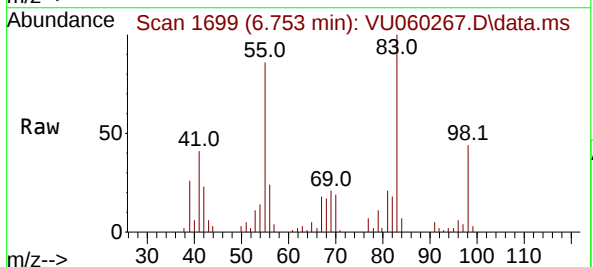
Tgt Ion: 83 Resp: 31234

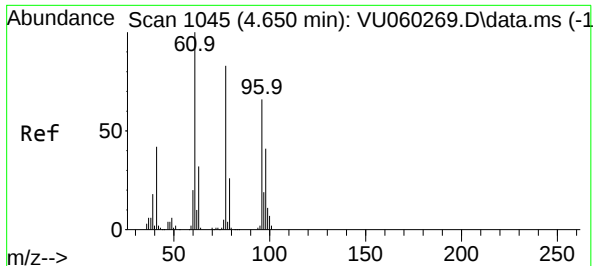
Ion Ratio Lower Upper

83 100

55 85.1 64.2 96.2

98 43.4 35.6 53.4





#21

2,2-Dichloropropane

Concen: 2.002 ug/l

RT: 4.653 min Scan# 1045

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA\_U

ClientSampleId :

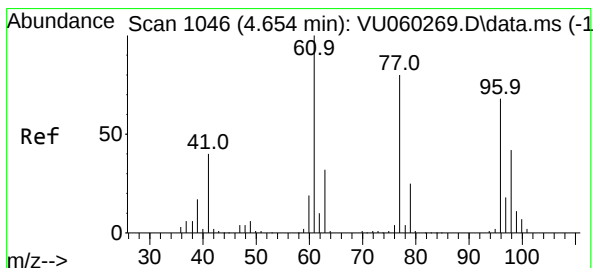
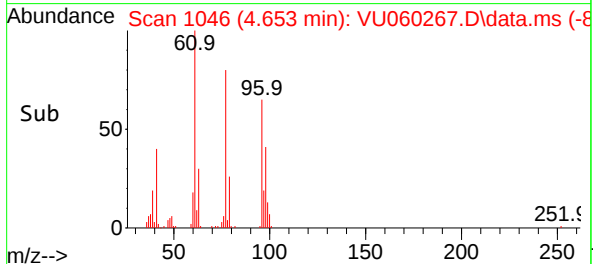
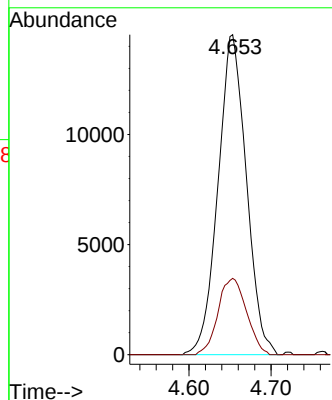
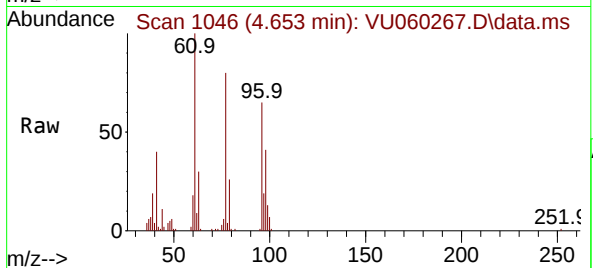
VSTDIC002

Tgt Ion: 77 Resp: 34853

Ion Ratio Lower Upper

77 100

97 24.0 18.2 27.4



#22

cis-1,2-Dichloroethene

Concen: 2.080 ug/l

RT: 4.656 min Scan# 1047

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

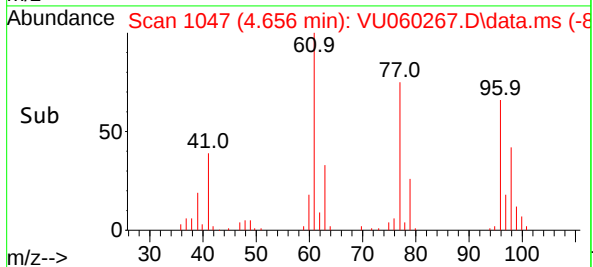
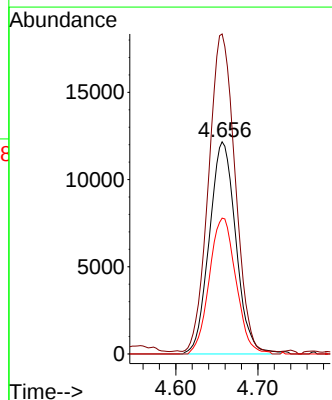
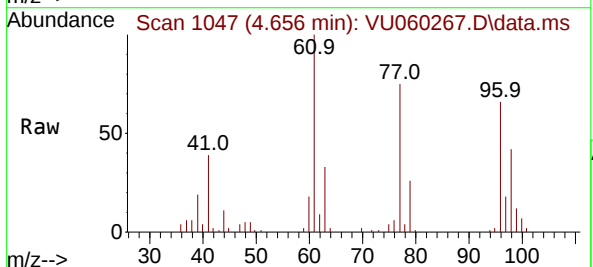
Tgt Ion: 96 Resp: 27302

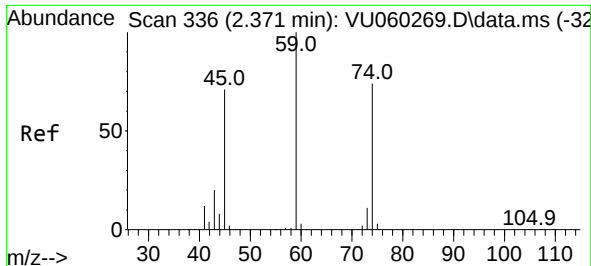
Ion Ratio Lower Upper

96 100

61 149.3 0.0 375.0

98 64.3 31.9 95.5

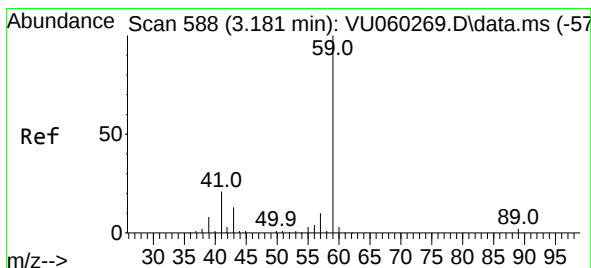
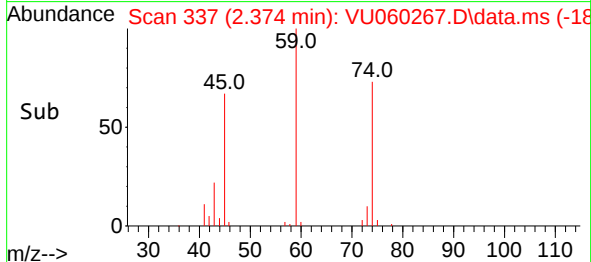
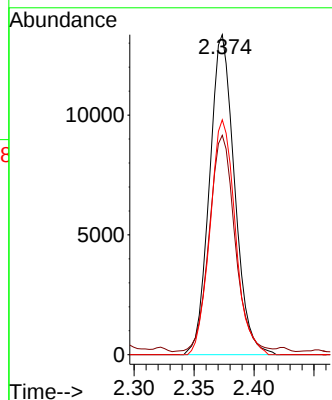
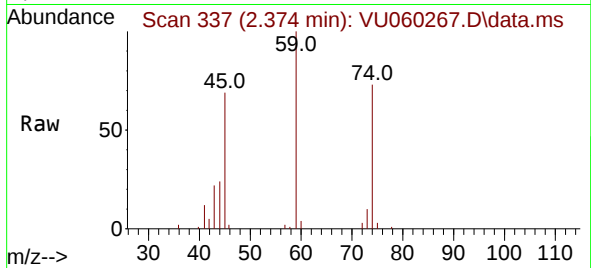




#23  
Diethyl Ether  
Concen: 2.047 ug/l  
RT: 2.374 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

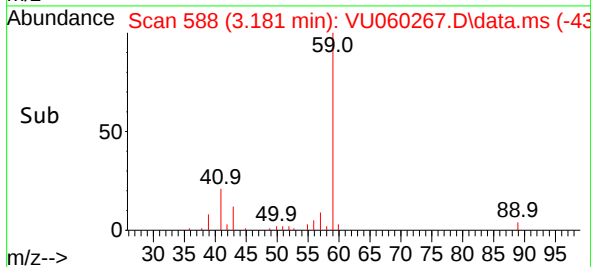
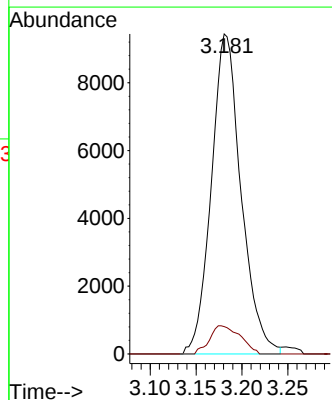
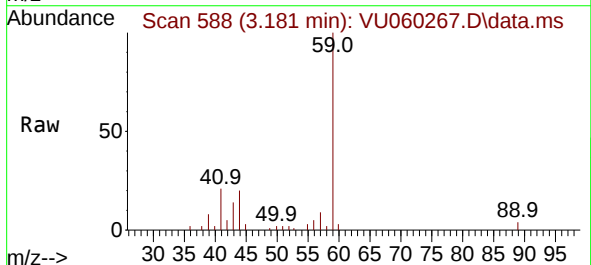
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

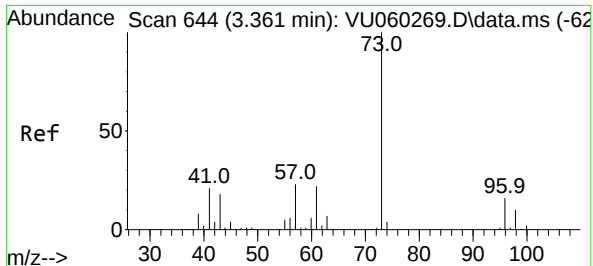
Tgt Ion: 59 Resp: 19376  
Ion Ratio Lower Upper  
59 100  
45 68.8 55.8 83.8  
74 74.1 59.0 88.6



#24  
tert-Butyl Alcohol  
Concen: 19.661 ug/l  
RT: 3.181 min Scan# 588  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion: 59 Resp: 21315  
Ion Ratio Lower Upper  
59 100  
57 9.0 7.8 11.8

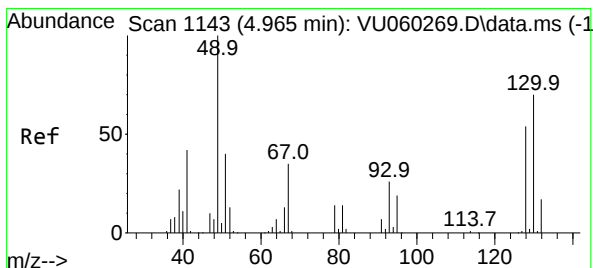
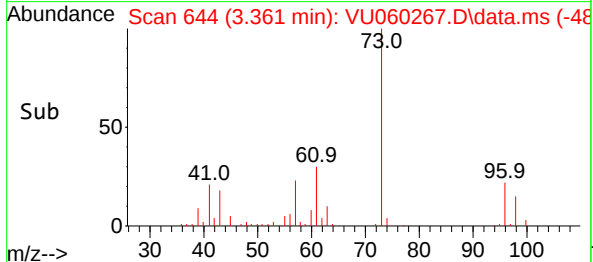
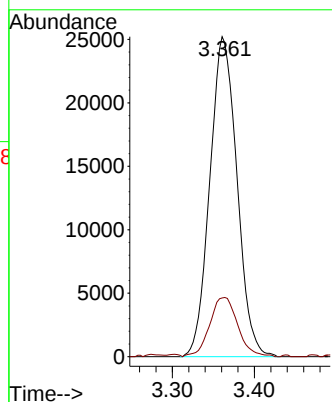
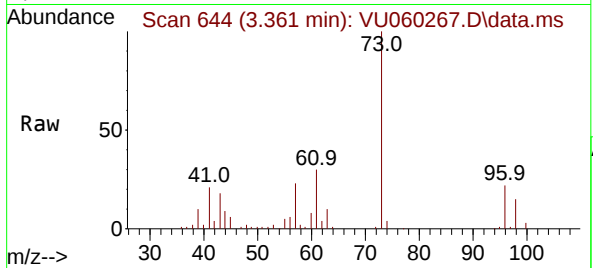




#25  
Methyl tert-Butyl Ether  
Concen: 2.040 ug/l  
RT: 3.361 min Scan# 644  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

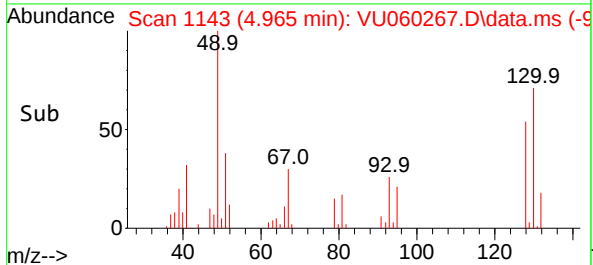
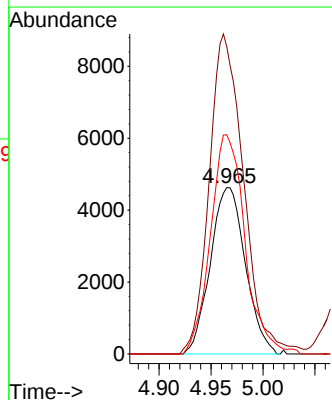
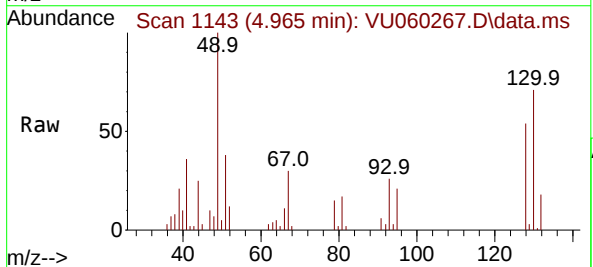
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC002

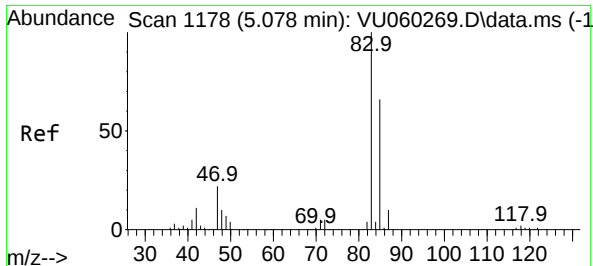
Tgt Ion: 73 Resp: 57913  
Ion Ratio Lower Upper  
73 100  
43 19.2 14.2 21.4



#26  
Bromochloromethane  
Concen: 2.054 ug/l  
RT: 4.965 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion: 128 Resp: 10850  
Ion Ratio Lower Upper  
128 100  
49 188.6 0.0 372.2  
130 130.0 101.0 151.6





#27

Chloroform

Concen: 2.055 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA\_U

ClientSampleId :

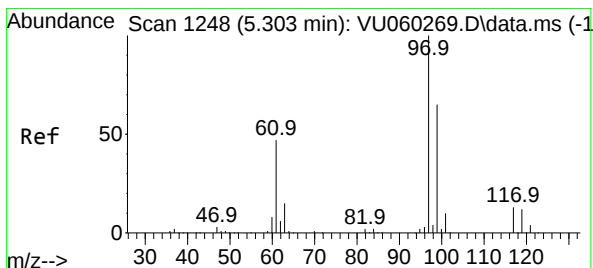
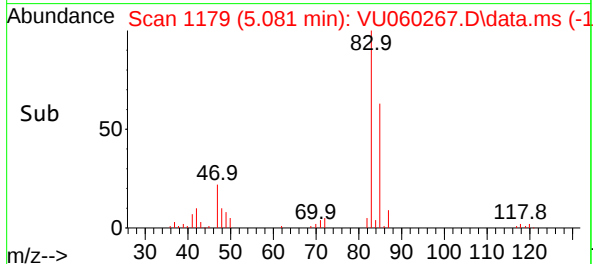
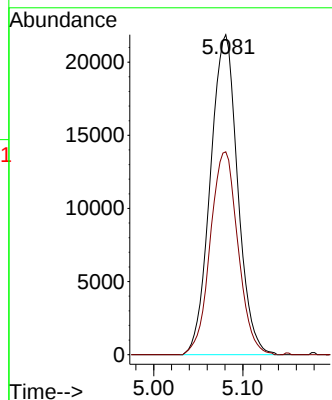
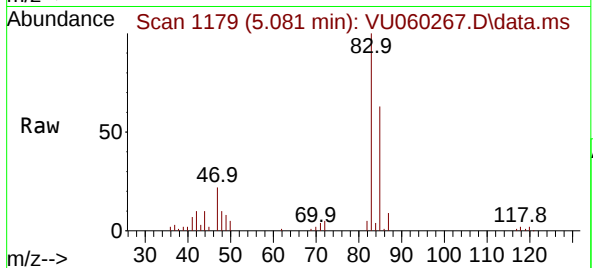
VSTDIC002

Tgt Ion: 83 Resp: 46630

Ion Ratio Lower Upper

83 100

85 63.4 0.0 131.4



#28

1,1,1-Trichloroethane

Concen: 2.097 ug/l

RT: 5.306 min Scan# 1249

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

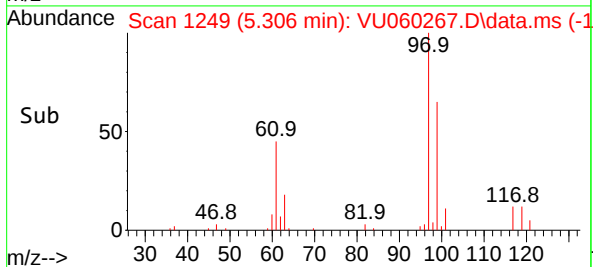
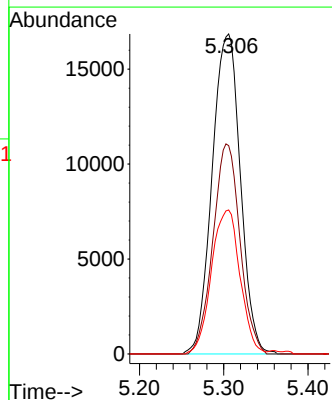
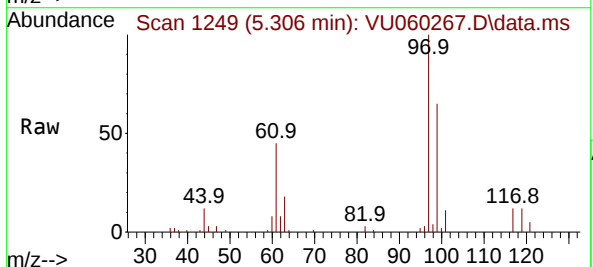
Tgt Ion: 97 Resp: 39206

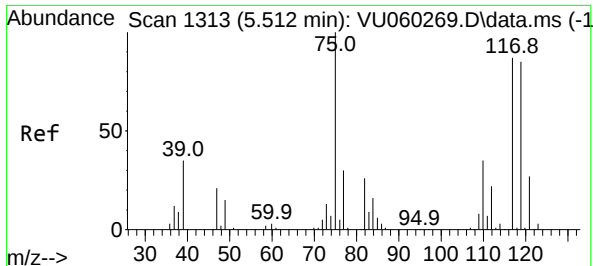
Ion Ratio Lower Upper

97 100

99 62.9 31.9 95.9

61 45.6 23.4 70.0

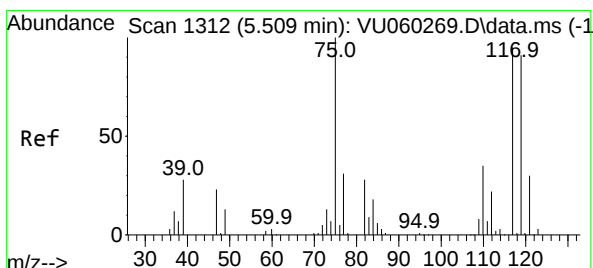
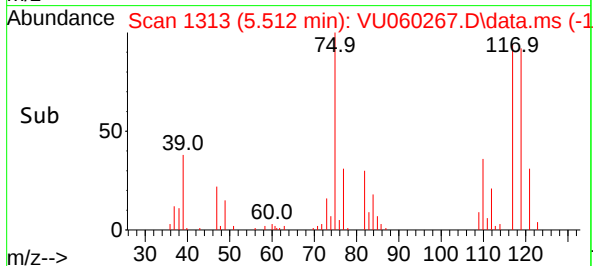
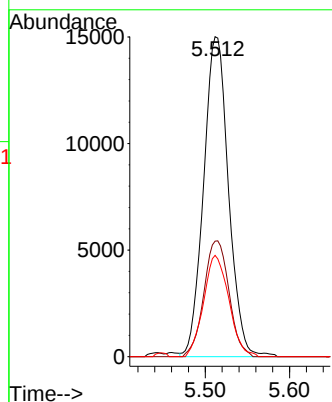
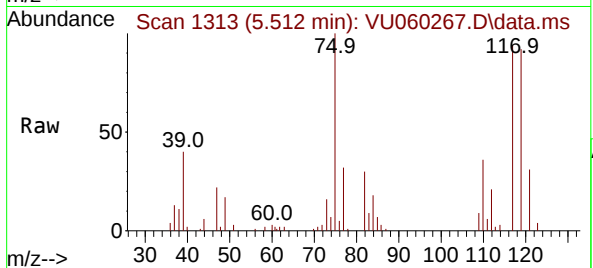




#29  
1,1-Dichloropropene  
Concen: 2.035 ug/l  
RT: 5.512 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

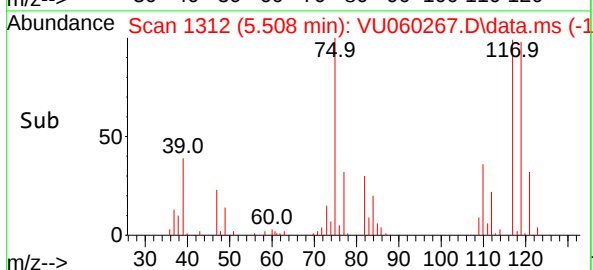
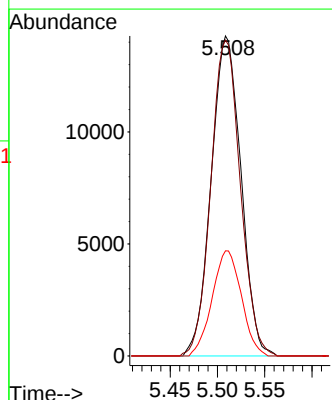
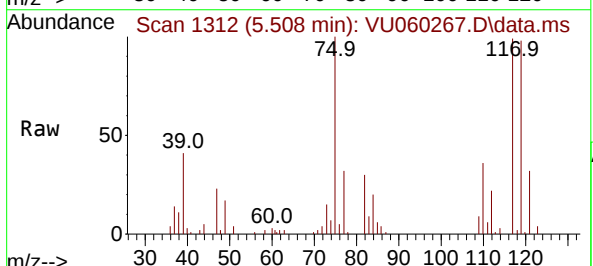
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

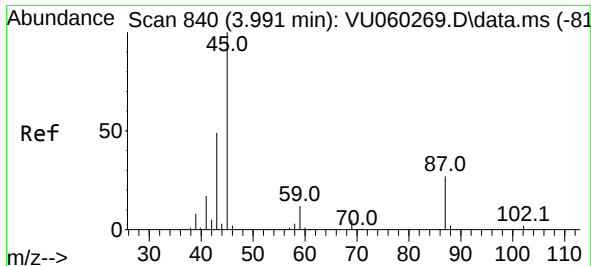
Tgt Ion: 75 Resp: 30866  
Ion Ratio Lower Upper  
75 100  
110 36.5 17.4 52.3  
77 32.1 25.1 37.7



#30  
Carbon Tetrachloride  
Concen: 2.060 ug/l  
RT: 5.508 min Scan# 1312  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion: 117 Resp: 31257  
Ion Ratio Lower Upper  
117 100  
119 98.7 76.7 115.1  
121 32.9 25.0 37.4

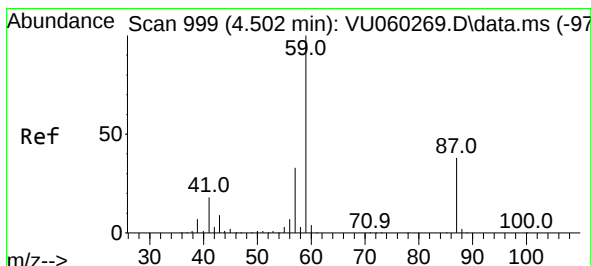
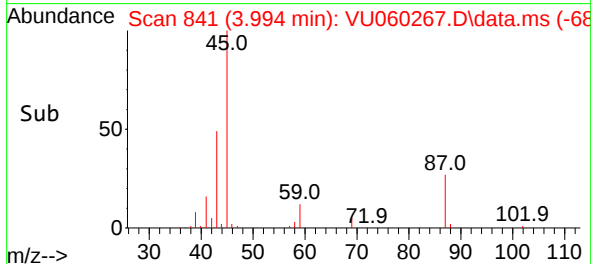
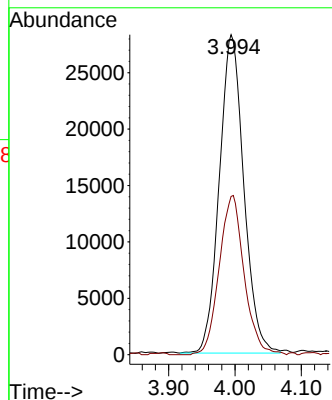
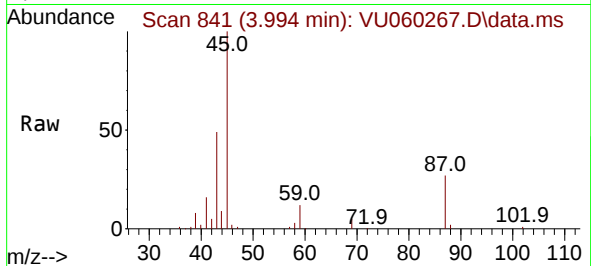




#31  
Isopropyl Ether  
Concen: 2.060 ug/l  
RT: 3.994 min Scan# 841  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

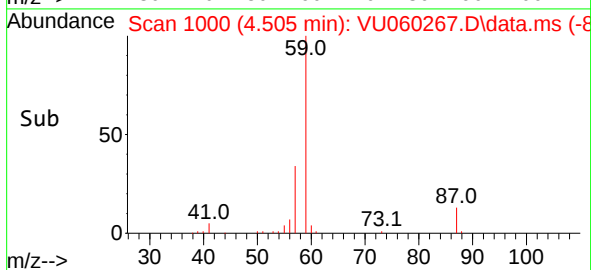
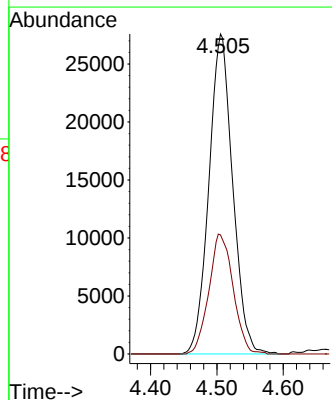
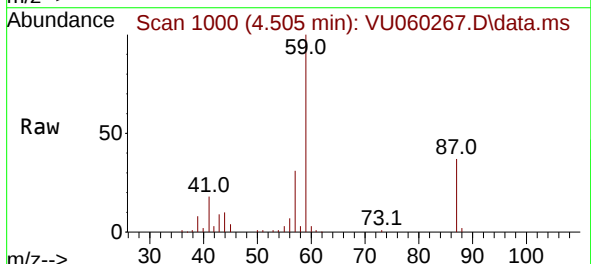
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC002

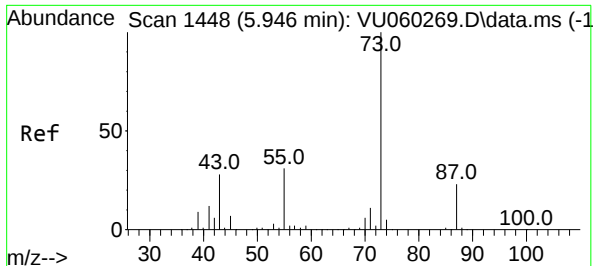
Tgt Ion: 45 Resp: 72542  
Ion Ratio Lower Upper  
45 100  
43 50.9 24.6 74.0



#32  
Ethyl-t-butyl ether  
Concen: 2.081 ug/l  
RT: 4.505 min Scan# 1000  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion: 59 Resp: 68633  
Ion Ratio Lower Upper  
59 100  
87 38.2 31.0 46.6

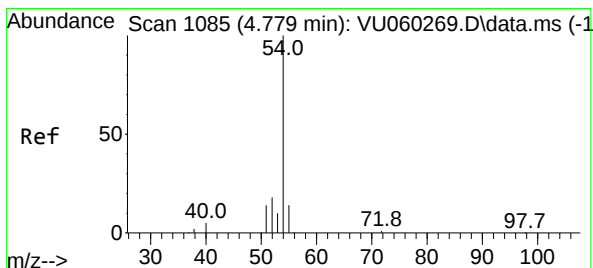
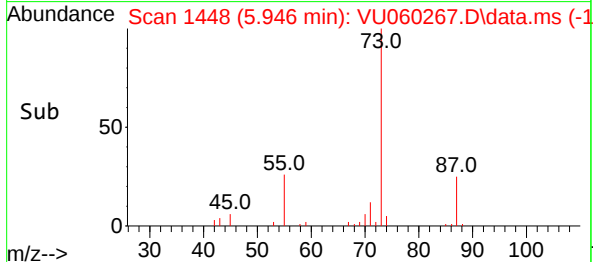
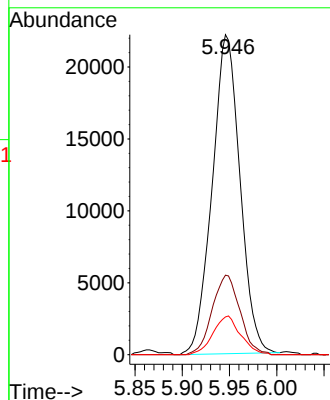
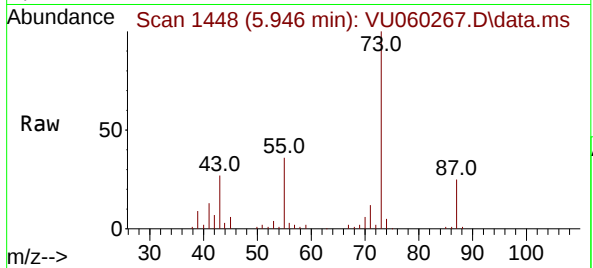




#33  
Tert-Amyl methyl ether  
Concen: 1.920 ug/l  
RT: 5.946 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

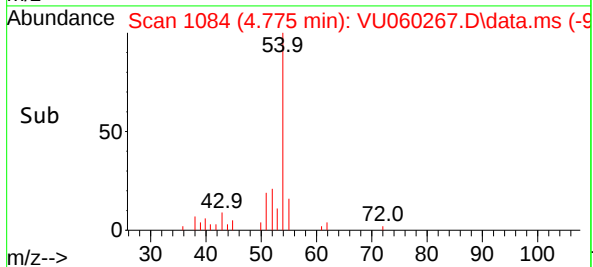
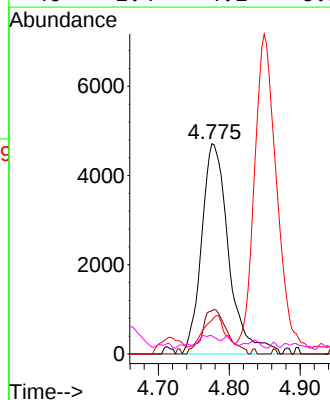
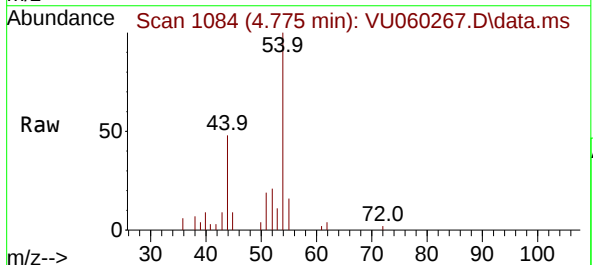
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC002

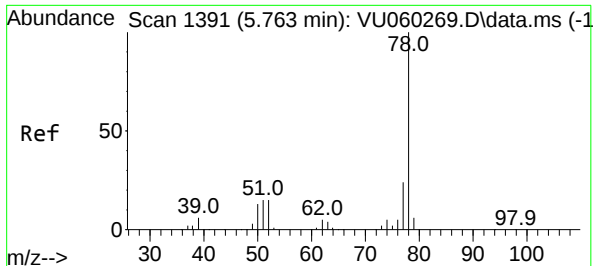
|             |             |
|-------------|-------------|
| Tgt Ion: 73 | Resp: 45328 |
| Ion Ratio   | Lower Upper |
| 73 100      |             |
| 87 24.9     | 18.7 28.1   |
| 71 12.0     | 9.5 14.3    |



#34  
Propionitrile  
Concen: 10.186 ug/l  
RT: 4.775 min Scan# 1084  
Delta R.T. -0.004 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

|             |             |
|-------------|-------------|
| Tgt Ion: 54 | Resp: 12503 |
| Ion Ratio   | Lower Upper |
| 54 100      |             |
| 52 19.1     | 15.1 22.7   |
| 55 14.2     | 12.5 18.7   |
| 40 1.4      | 4.1 6.1#    |

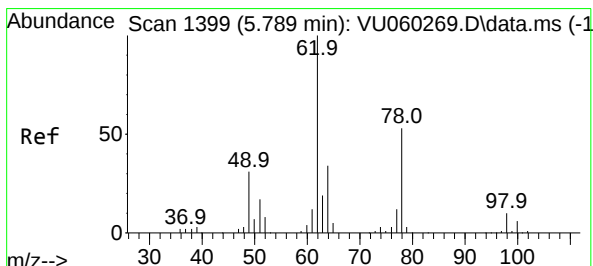
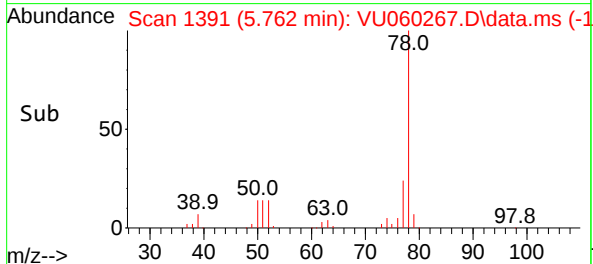
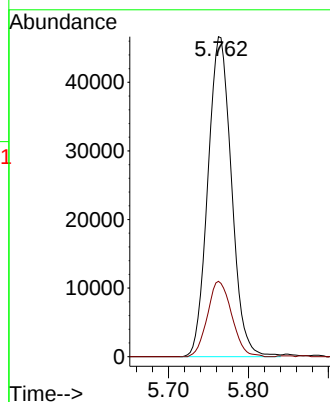
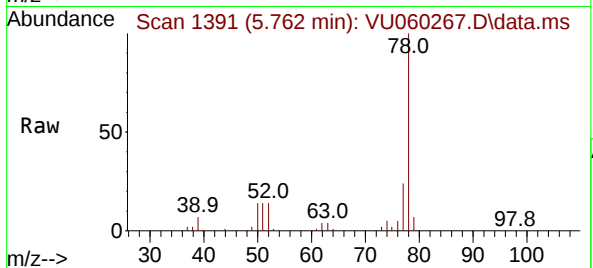




#35  
Benzene  
Concen: 2.031 ug/l  
RT: 5.762 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

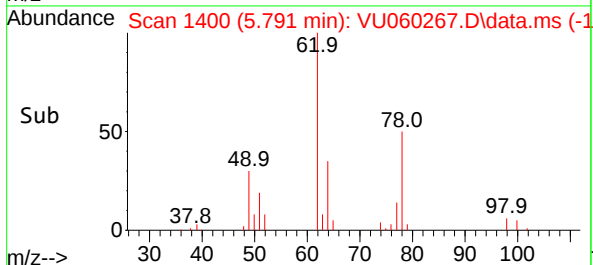
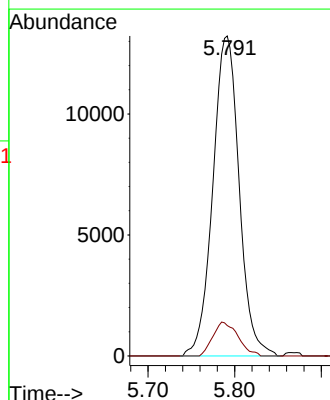
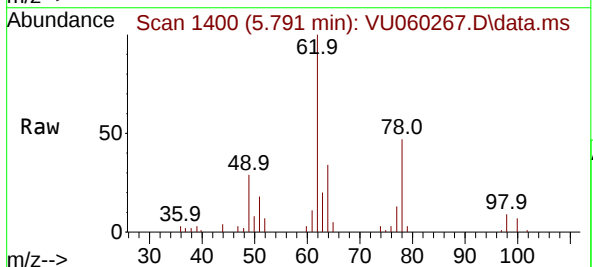
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC002

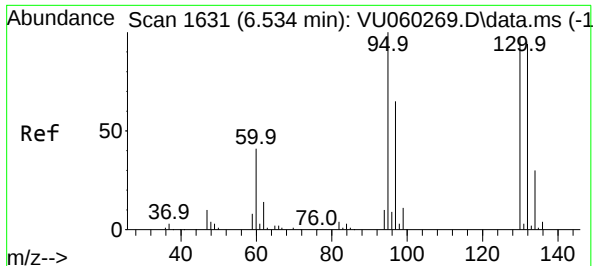
Tgt Ion: 78 Resp: 95671  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.4 29.0



#36  
1,2-Dichloroethane  
Concen: 2.051 ug/l  
RT: 5.791 min Scan# 1400  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion: 62 Resp: 27901  
Ion Ratio Lower Upper  
62 100  
98 10.1 7.3 10.9





#37

Trichloroethene

Concen: 2.007 ug/l

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA\_U

ClientSampleId :

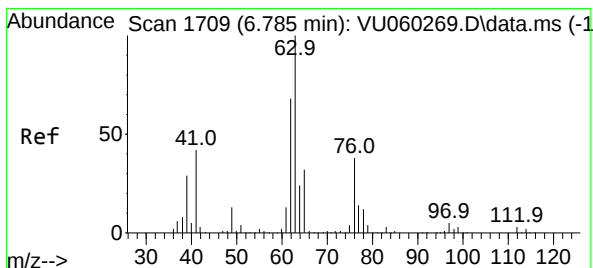
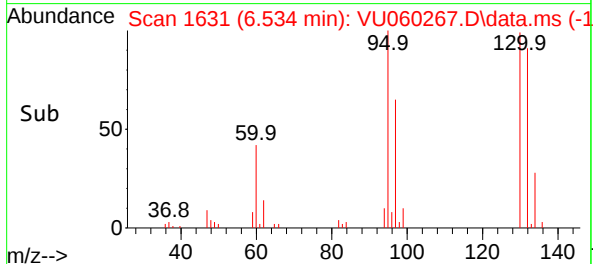
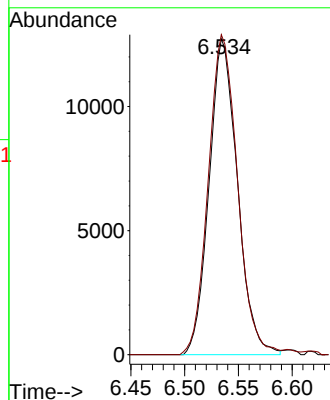
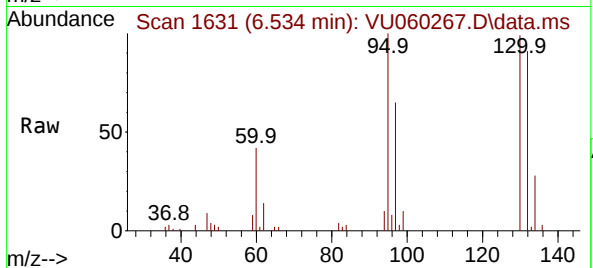
VSTDIC002

Tgt Ion:130 Resp: 23320

Ion Ratio Lower Upper

130 100

95 101.3 82.9 124.3



#38

1,2-Dichloropropane

Concen: 2.059 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.003 min

Lab File: VU060267.D

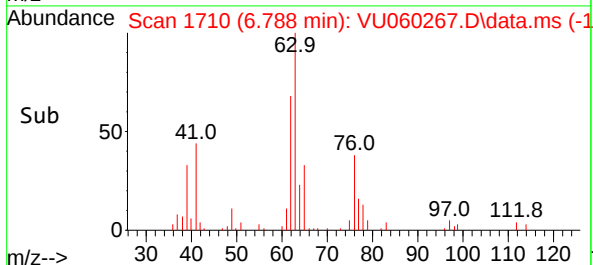
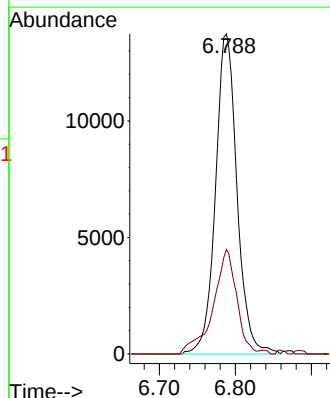
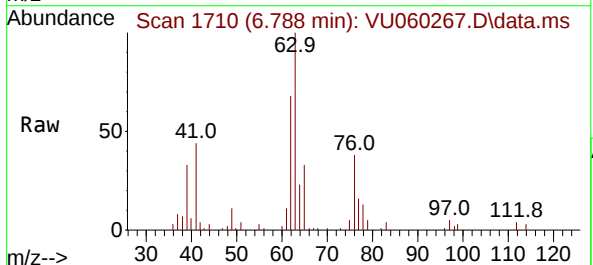
Acq: 30 Jul 2024 16:21

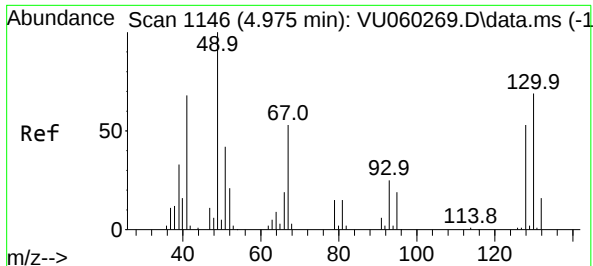
Tgt Ion: 63 Resp: 26987

Ion Ratio Lower Upper

63 100

65 32.6 25.7 38.5





#39

Methacrylonitrile

Concen: 2.016 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 9503

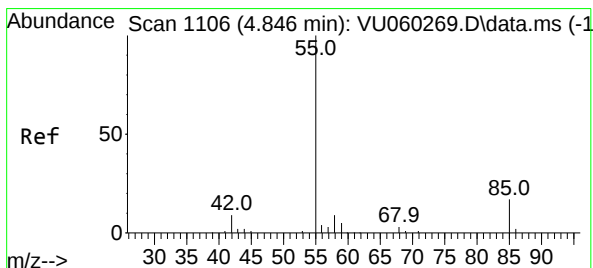
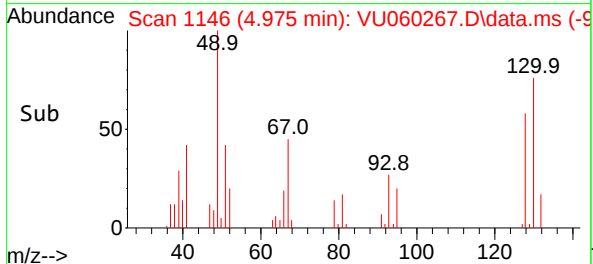
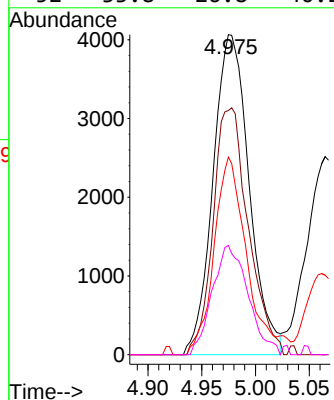
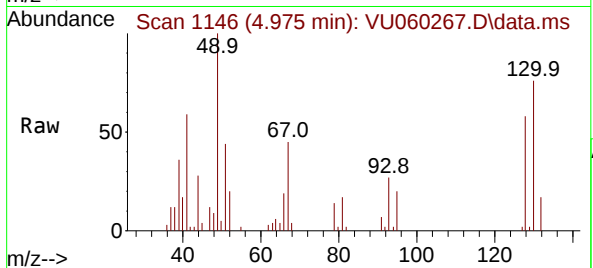
Ion Ratio Lower Upper

41 100

67 75.2 64.1 96.1

39 54.7 40.2 60.4

52 33.8 26.8 40.2



#40

Methyl acrylate

Concen: 1.976 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Tgt Ion: 55 Resp: 15295

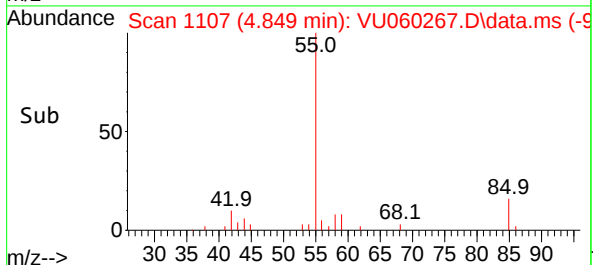
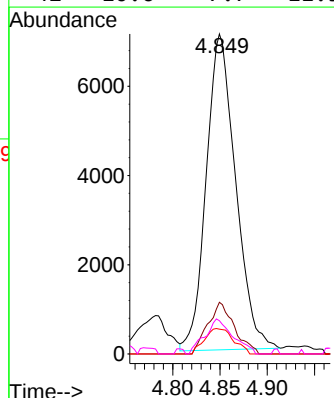
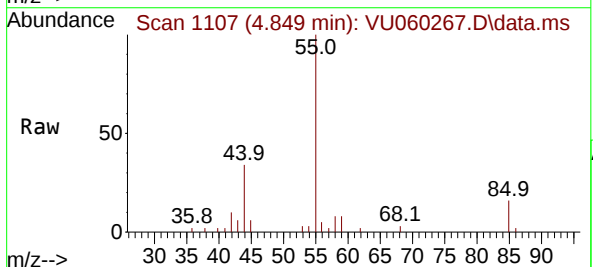
Ion Ratio Lower Upper

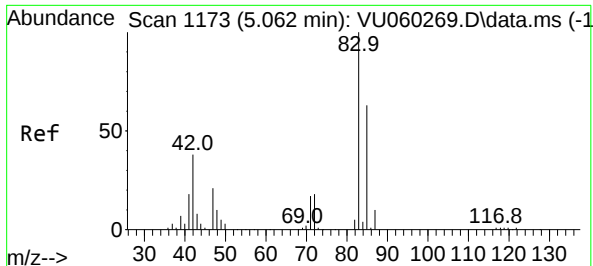
55 100

85 14.8 13.1 19.7

58 8.0 6.9 10.3

42 10.6 7.7 11.5





#41

Tetrahydrofuran

Concen: 4.267 ug/l

RT: 5.062 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICC002

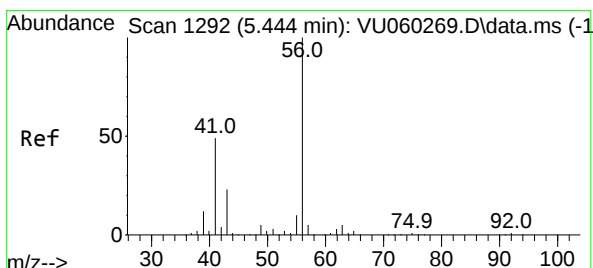
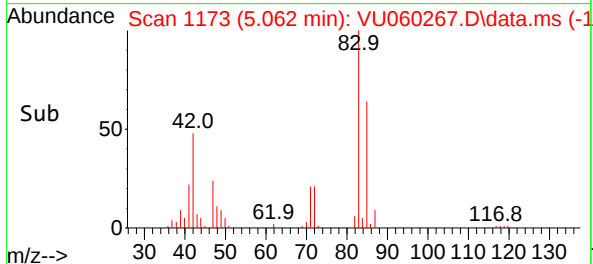
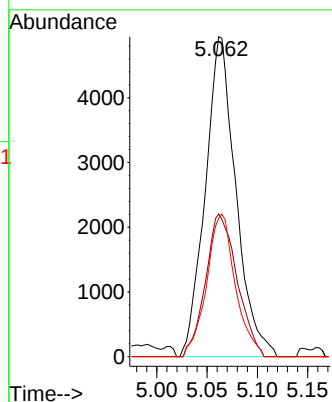
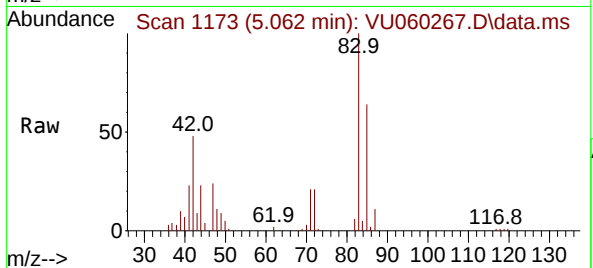
Tgt Ion: 42 Resp: 10447

Ion Ratio Lower Upper

42 100

72 46.0 38.1 57.1

71 41.9 35.4 53.0



#42

1-Chlorobutane

Concen: 2.044 ug/l

RT: 5.447 min Scan# 1293

Delta R.T. 0.003 min

Lab File: VU060267.D

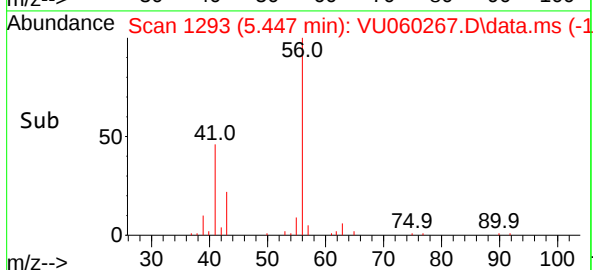
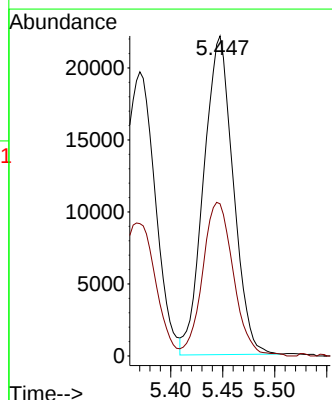
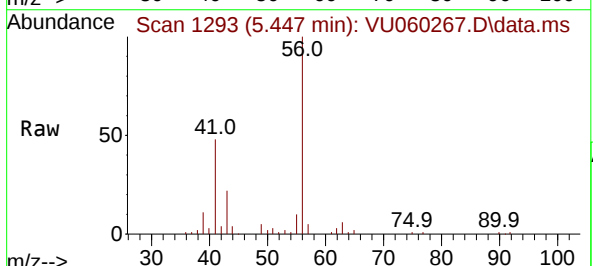
Acq: 30 Jul 2024 16:21

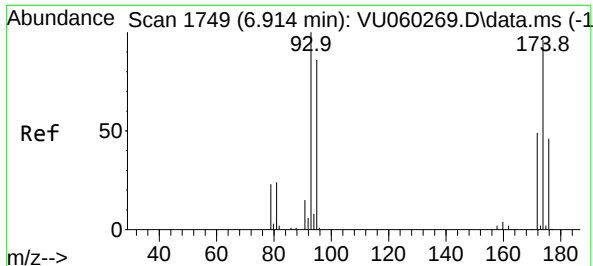
Tgt Ion: 56 Resp: 43666

Ion Ratio Lower Upper

56 100

41 50.4 24.5 73.5

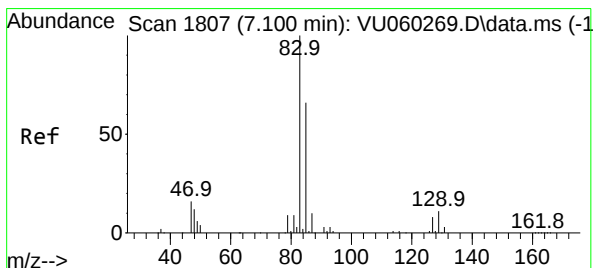
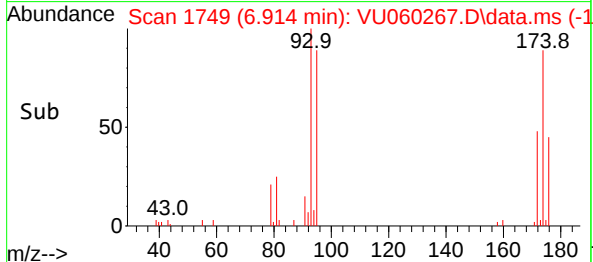
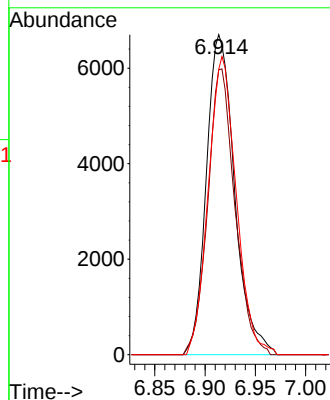
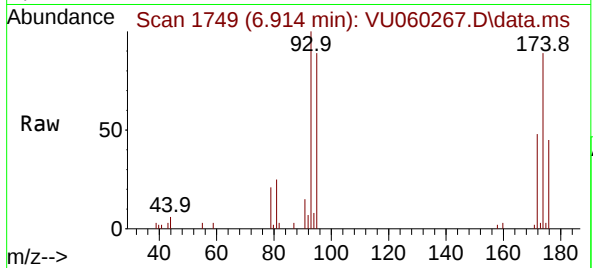




#43  
Dibromomethane  
Concen: 2.014 ug/l  
RT: 6.914 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

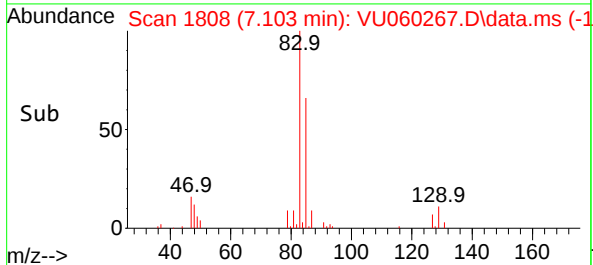
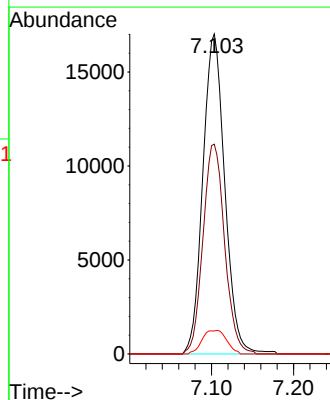
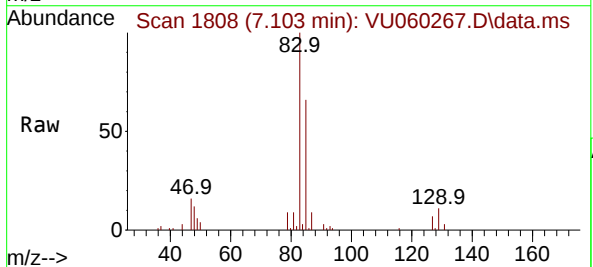
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC002

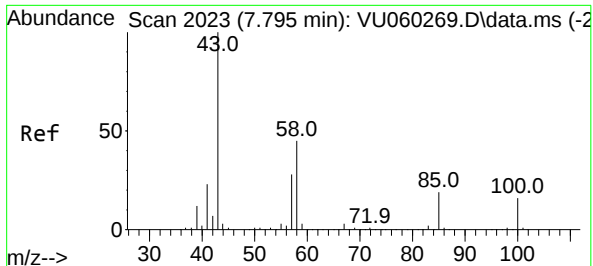
Tgt Ion: 93 Resp: 13073  
Ion Ratio Lower Upper  
93 100  
95 86.1 68.0 102.0  
174 92.3 74.7 112.1



#44  
Bromodichloromethane  
Concen: 2.037 ug/l  
RT: 7.103 min Scan# 1808  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion: 83 Resp: 31594  
Ion Ratio Lower Upper  
83 100  
85 65.5 52.6 79.0  
127 7.8 6.6 9.8





#45

4-Methyl-2-Pentanone

Concen: 9.373 ug/l

RT: 7.798 min Scan# 2023

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC002

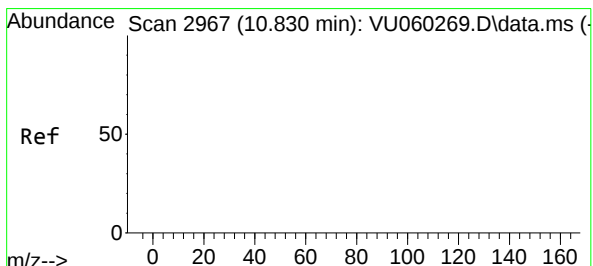
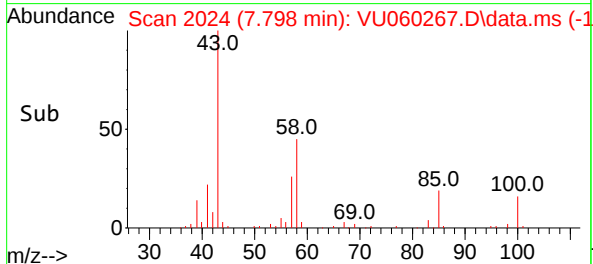
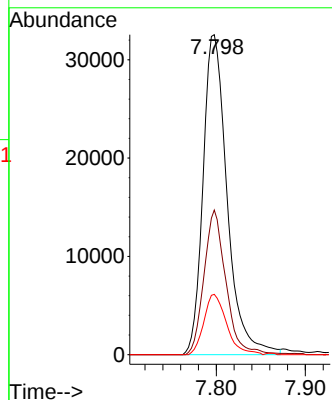
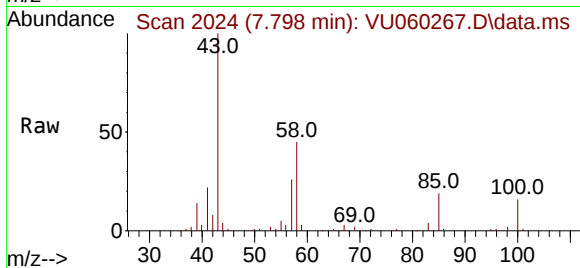
Tgt Ion: 43 Resp: 61213

Ion Ratio Lower Upper

43 100

58 41.3 22.1 66.5

85 17.8 15.4 23.0



#46

t-1,4-Dichloro-2-butene

Concen: 3.814 ug/l m

RT: 10.830 min Scan# 2967

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Tgt Ion: 75 Resp: 10429

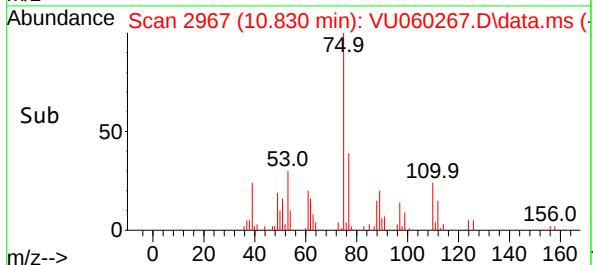
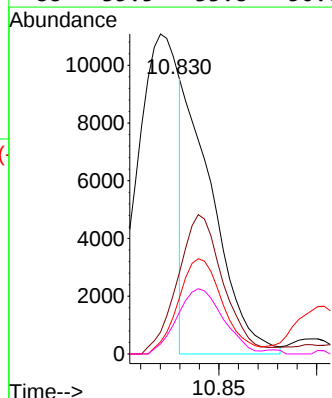
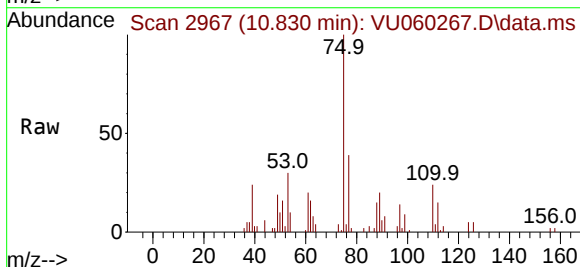
Ion Ratio Lower Upper

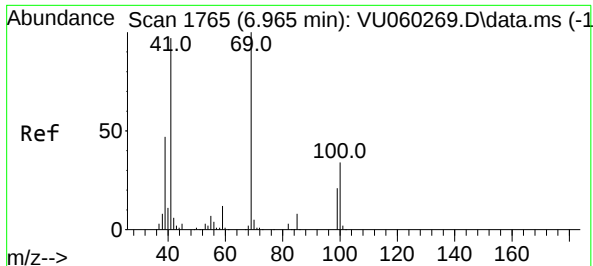
75 100

53 75.2 66.4 99.6

89 50.3 45.7 68.5

88 35.5 33.8 50.6





#47

Methyl methacrylate

Concen: 3.767 ug/l

RT: 6.968 min Scan# 1766

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICC002

Tgt Ion: 69 Resp: 21366

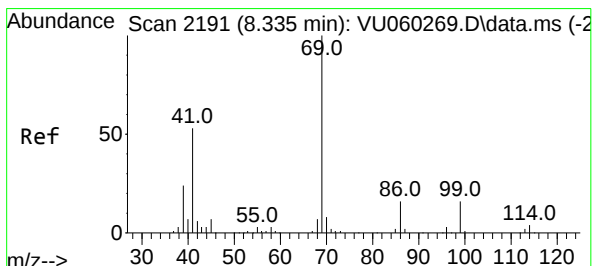
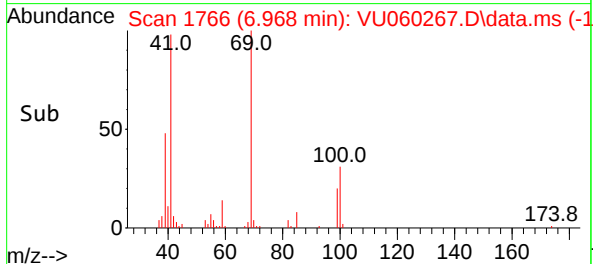
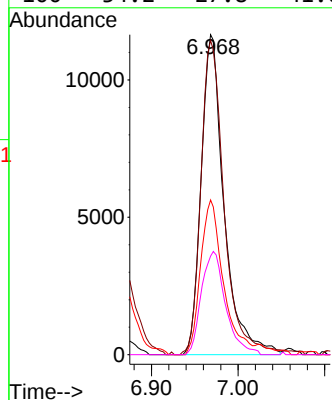
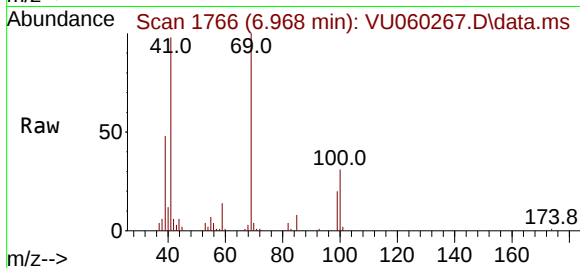
Ion Ratio Lower Upper

69 100

41 100.2 0.0 192.4

39 48.0 37.8 56.6

100 34.2 27.8 41.6



#48

Ethyl methacrylate

Concen: 2.032 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. -0.000 min

Lab File: VU060267.D

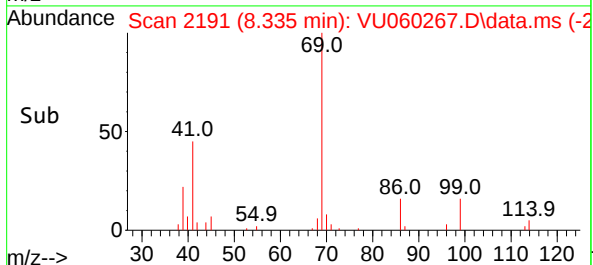
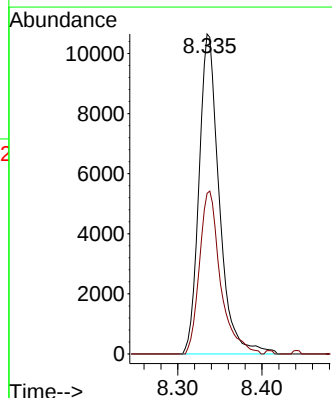
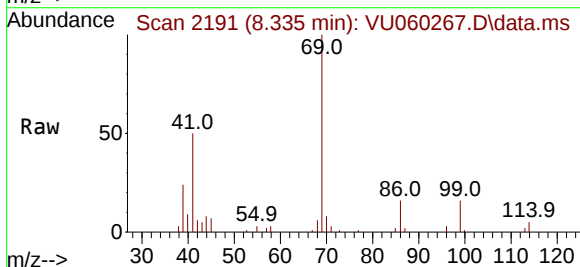
Acq: 30 Jul 2024 16:21

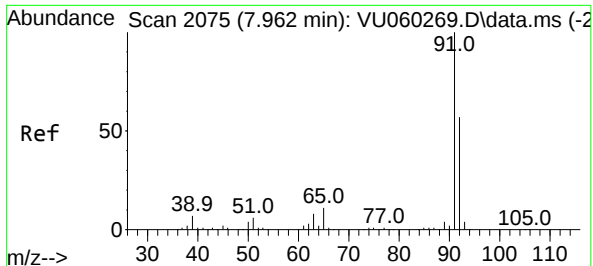
Tgt Ion: 69 Resp: 17790

Ion Ratio Lower Upper

69 100

41 52.8 27.8 83.4





#49

Toluene

Concen: 1.945 ug/l

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA\_U

ClientSampleId :

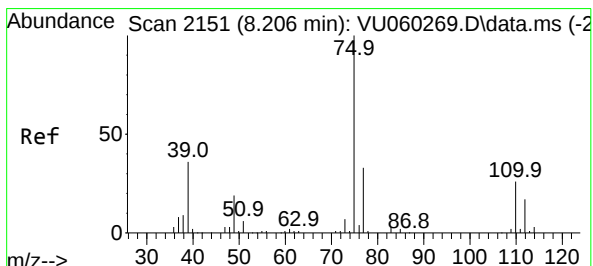
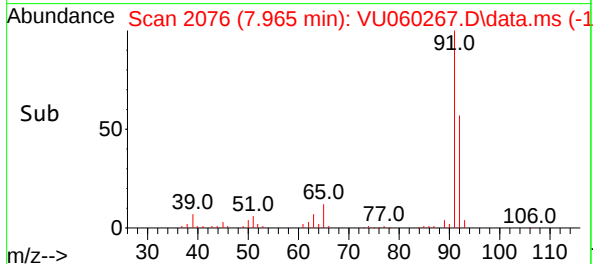
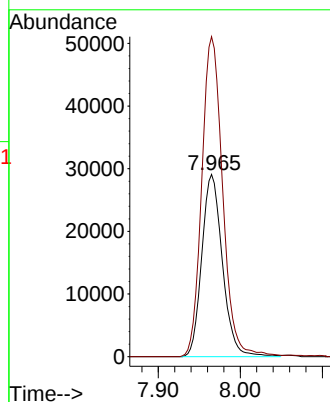
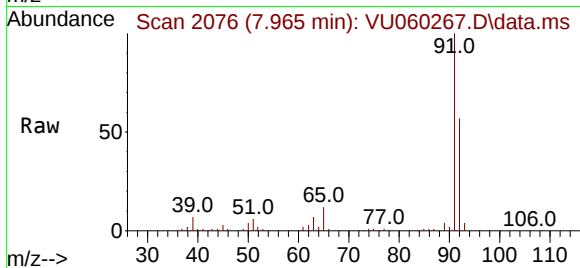
VSTDIC002

Tgt Ion: 92 Resp: 50839

Ion Ratio Lower Upper

92 100

91 177.8 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 1.999 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU060267.D

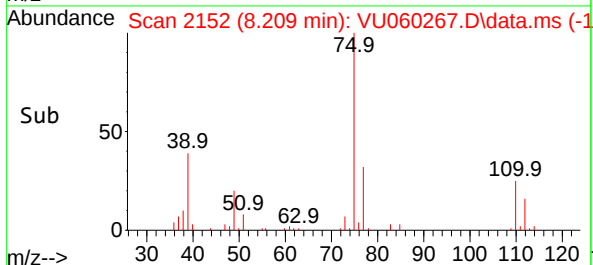
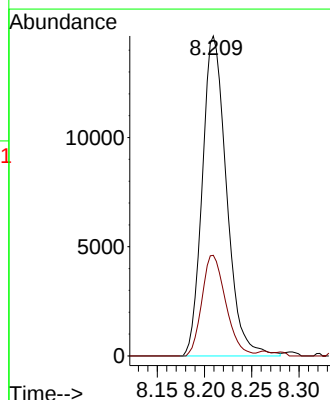
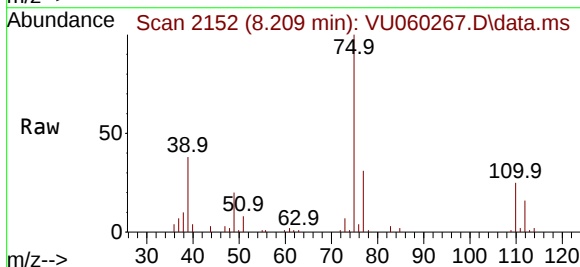
Acq: 30 Jul 2024 16:21

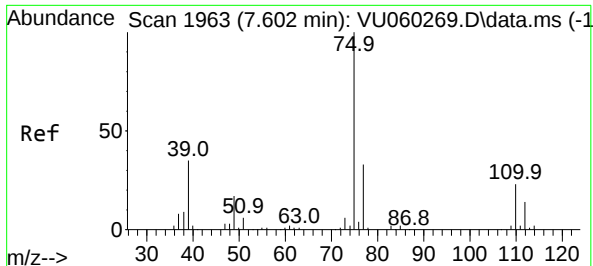
Tgt Ion: 75 Resp: 26126

Ion Ratio Lower Upper

75 100

77 31.5 26.1 39.1

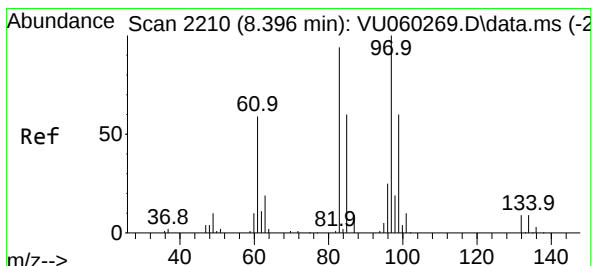
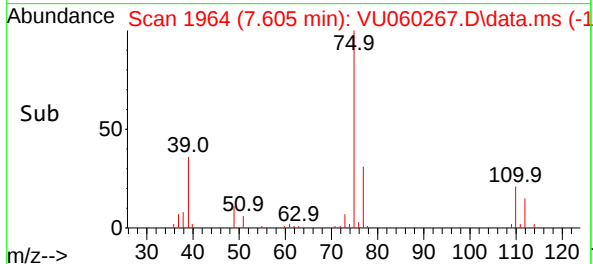
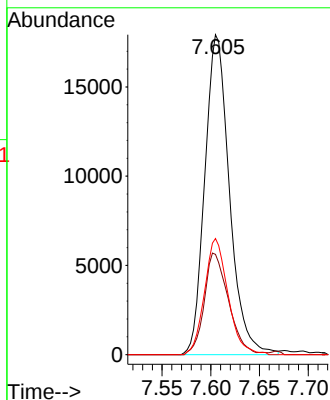
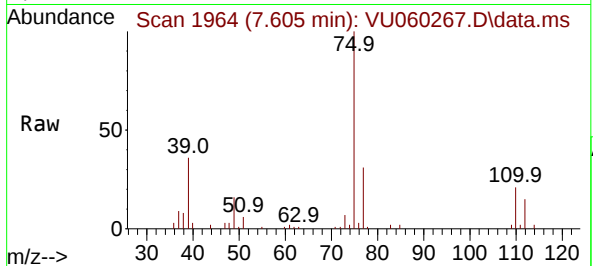




#51  
 cis-1,3-Dichloropropene  
 Concen: 2.028 ug/l  
 RT: 7.605 min Scan# 1963  
 Delta R.T. 0.003 min  
 Lab File: VU060267.D  
 Acq: 30 Jul 2024 16:21

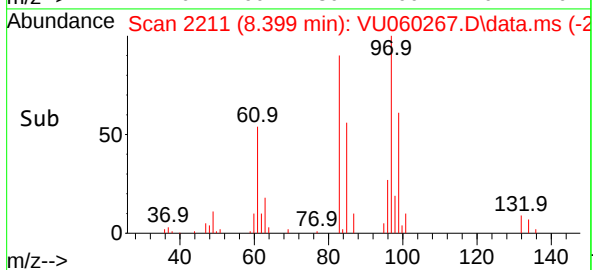
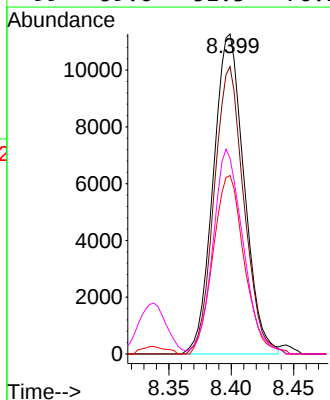
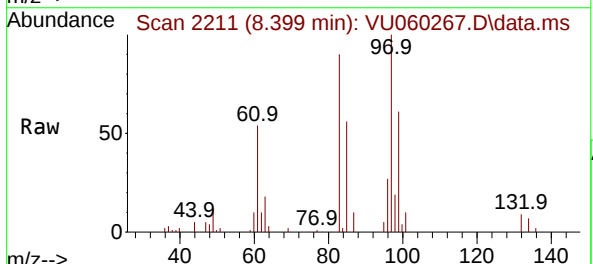
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC002

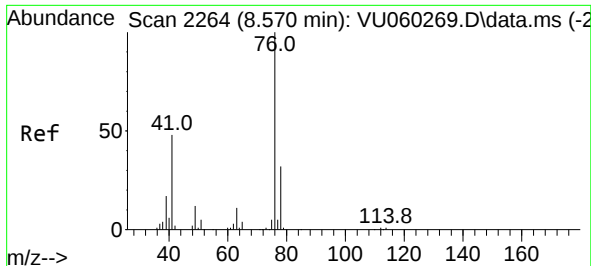
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 31599 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 31.3  | 26.2  | 39.2  |
| 39       | 36.3  | 27.9  | 41.9  |



#52  
 1,1,2-Trichloroethane  
 Concen: 2.070 ug/l  
 RT: 8.399 min Scan# 2211  
 Delta R.T. 0.003 min  
 Lab File: VU060267.D  
 Acq: 30 Jul 2024 16:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 19404 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.8  | 75.5  | 113.3 |
| 85       | 55.7  | 48.2  | 72.4  |
| 99       | 59.6  | 51.3  | 76.9  |





#53

1,3-Dichloropropane

Concen: 2.025 ug/l

RT: 8.573 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA\_U

ClientSampleId :

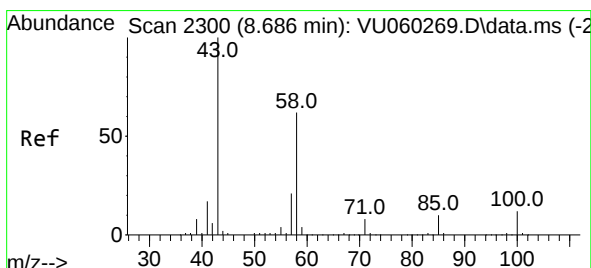
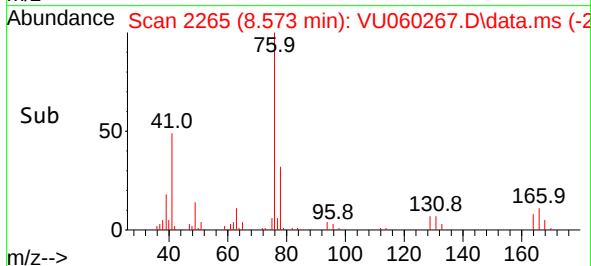
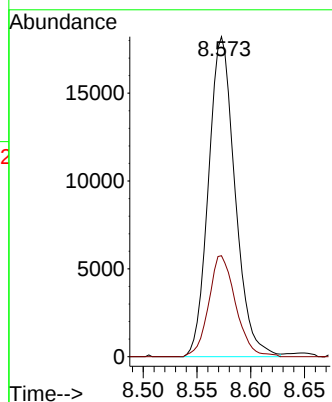
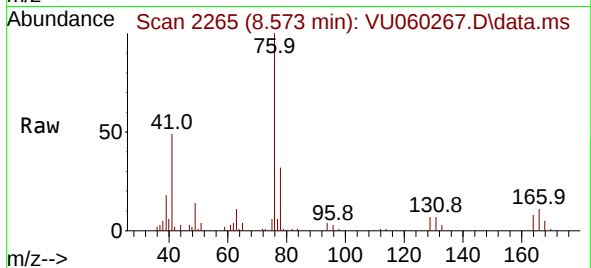
VSTDICC002

Tgt Ion: 76 Resp: 31225

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#54

2-Hexanone

Concen: 9.067 ug/l

RT: 8.688 min Scan# 2301

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

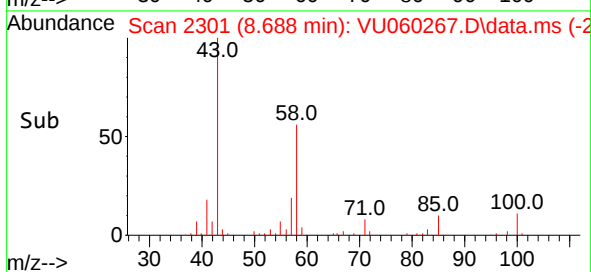
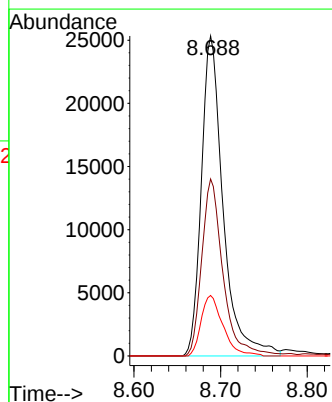
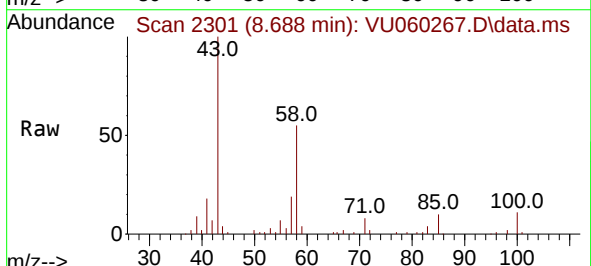
Tgt Ion: 43 Resp: 44194

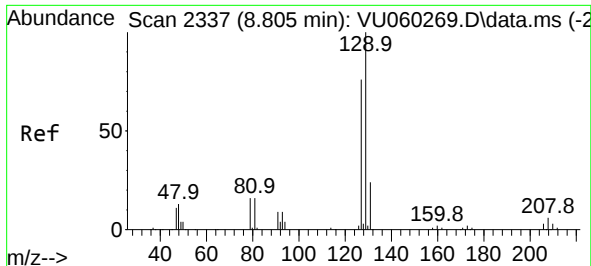
Ion Ratio Lower Upper

43 100

58 53.9 41.1 81.1

57 19.0 0.3 40.3

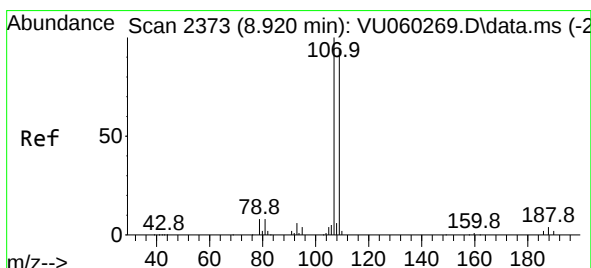
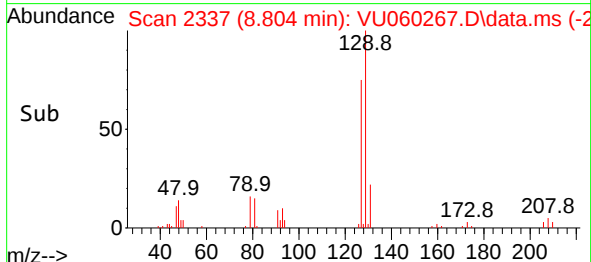
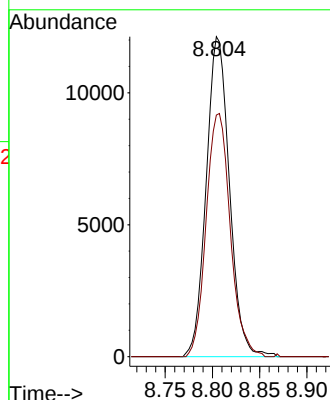
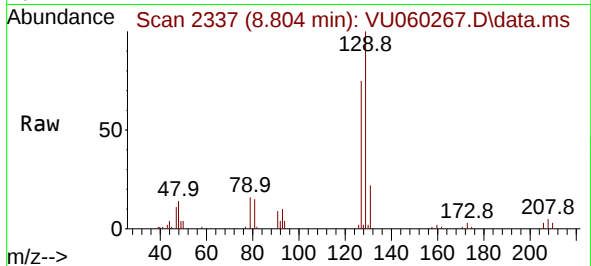




#55  
Dibromochloromethane  
Concen: 2.014 ug/l  
RT: 8.804 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

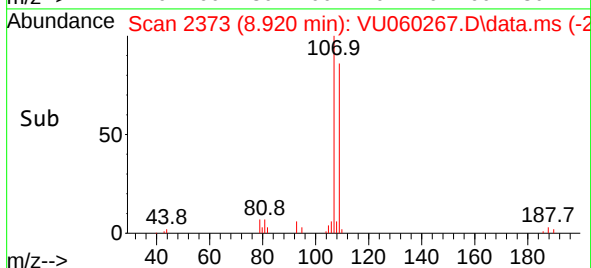
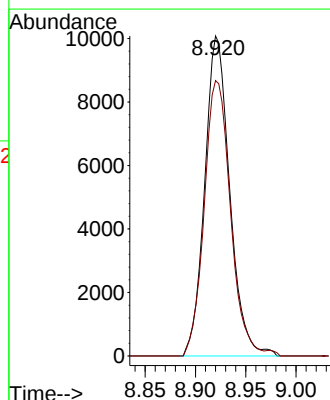
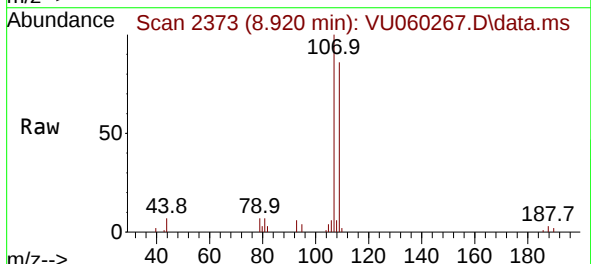
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

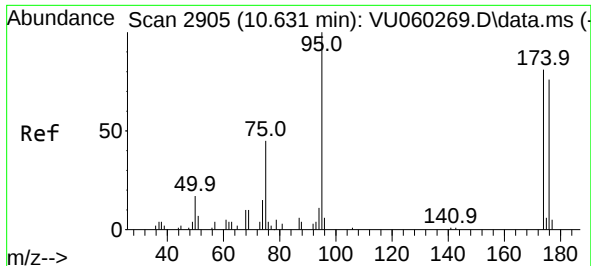
Tgt Ion:129 Resp: 20738  
Ion Ratio Lower Upper  
129 100  
127 78.7 61.7 92.5



#56  
1,2-Dibromoethane  
Concen: 2.062 ug/l  
RT: 8.920 min Scan# 2373  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion:107 Resp: 17440  
Ion Ratio Lower Upper  
107 100  
109 90.1 0.0 186.8

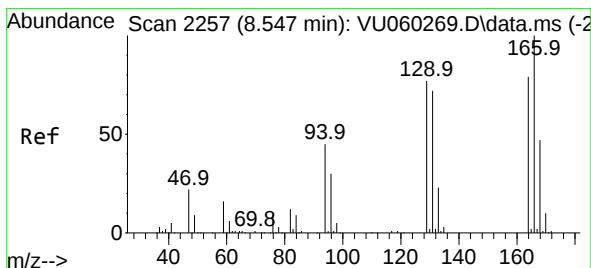
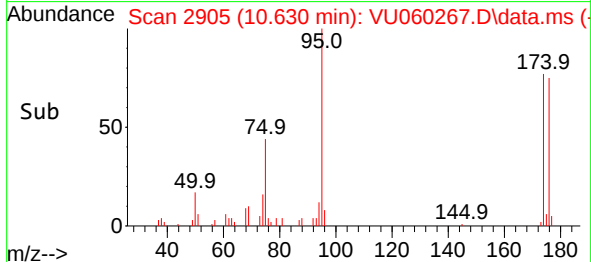
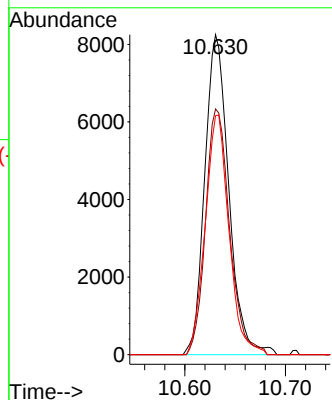
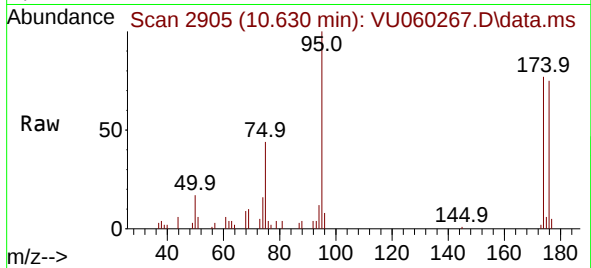




#57  
4-Bromofluorobenzene  
Concen: 0.984 ug/l  
RT: 10.630 min Scan# 2905  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

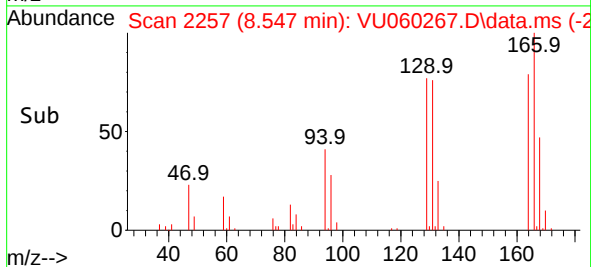
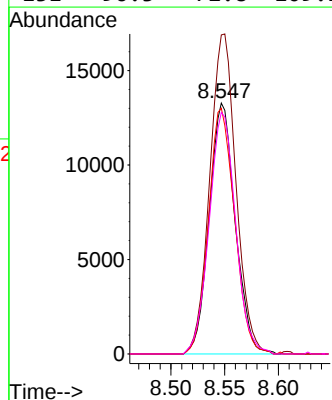
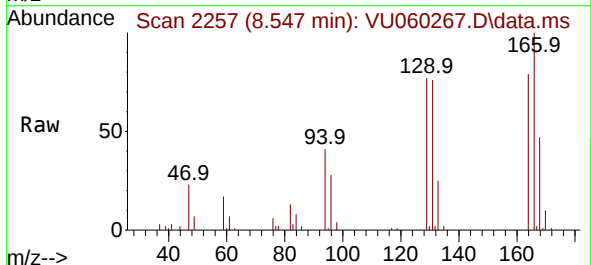
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

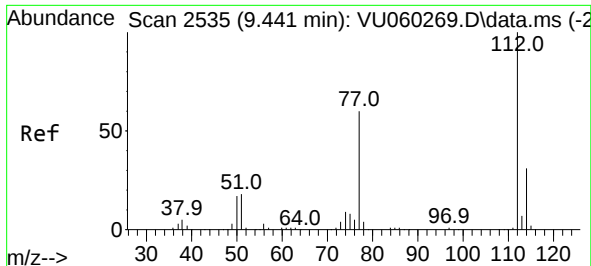
Tgt Ion: 95 Resp: 13665  
Ion Ratio Lower Upper  
95 100  
174 77.3 62.2 93.4  
176 74.0 59.4 89.2



#58  
Tetrachloroethene  
Concen: 2.027 ug/l  
RT: 8.547 min Scan# 2257  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion: 164 Resp: 22319  
Ion Ratio Lower Upper  
164 100  
166 127.2 101.0 151.6  
129 98.0 78.0 117.0  
131 96.3 72.8 109.2

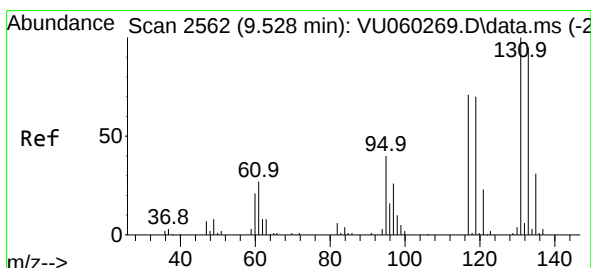
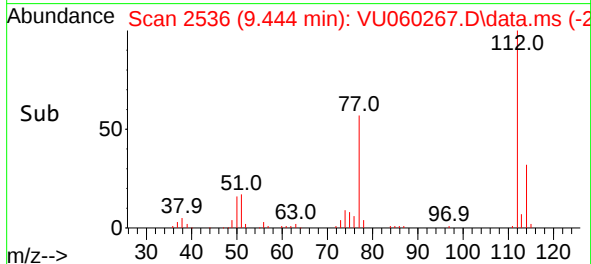
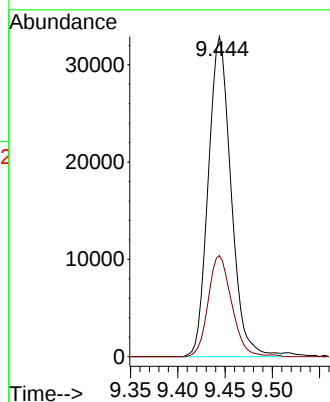
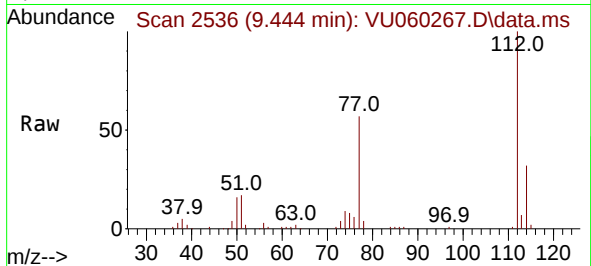




#59  
Chlorobenzene  
Concen: 1.963 ug/l  
RT: 9.444 min Scan# 2535  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

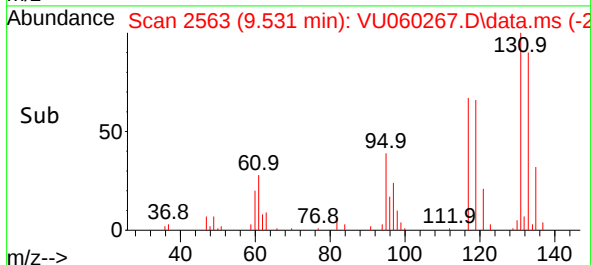
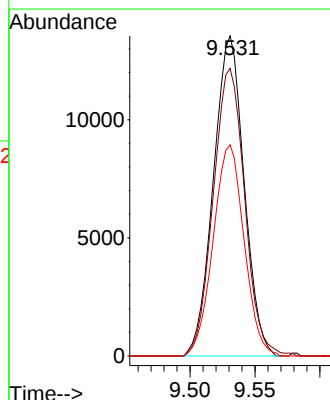
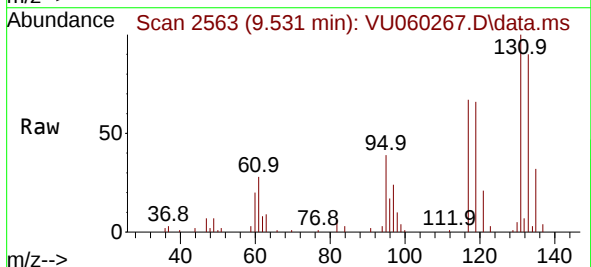
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

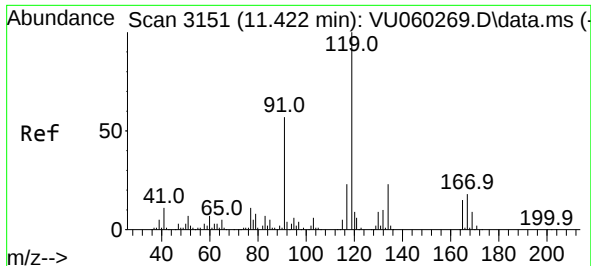
Tgt Ion:112 Resp: 55061  
Ion Ratio Lower Upper  
112 100  
114 31.6 24.5 36.7



#60  
1,1,1,2-Tetrachloroethane  
Concen: 2.059 ug/l  
RT: 9.531 min Scan# 2563  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion:131 Resp: 22214  
Ion Ratio Lower Upper  
131 100  
133 92.2 76.6 114.8  
119 66.6 55.4 83.0

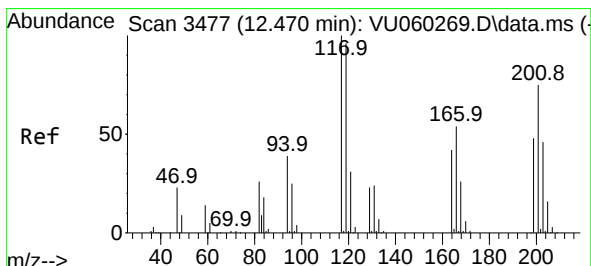
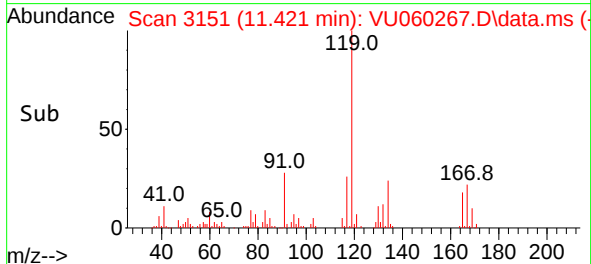
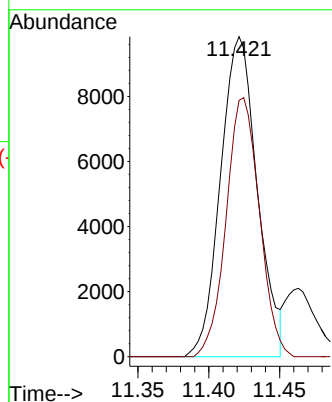
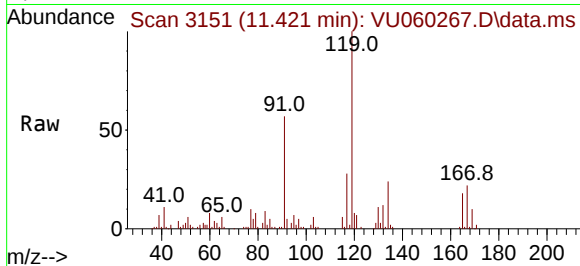




#61  
 Pentachloroethane  
 Concen: 2.077 ug/l  
 RT: 11.421 min Scan# 3151  
 Delta R.T. -0.000 min  
 Lab File: VU060267.D  
 Acq: 30 Jul 2024 16:21

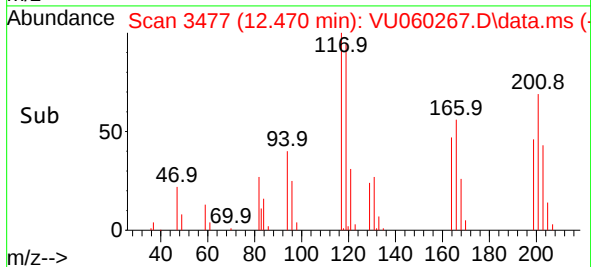
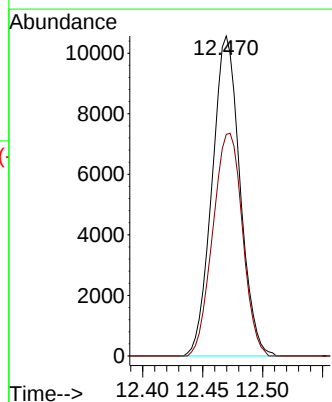
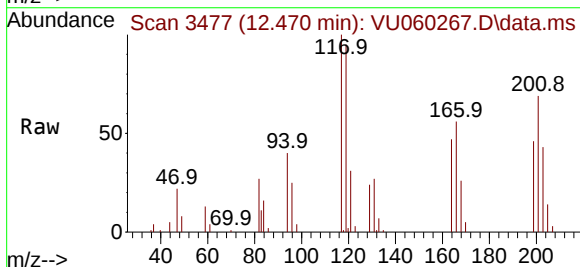
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC002

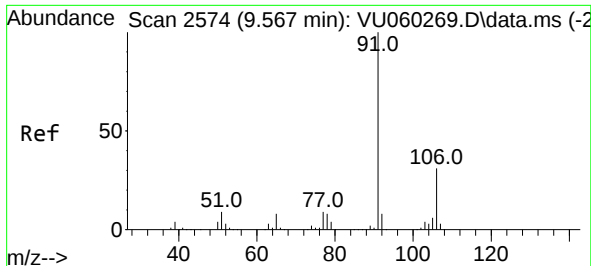
Tgt Ion:117 Resp: 17772  
 Ion Ratio Lower Upper  
 117 100  
 167 73.2 61.6 92.4



#62  
 Hexachloroethane  
 Concen: 2.004 ug/l  
 RT: 12.470 min Scan# 3477  
 Delta R.T. -0.000 min  
 Lab File: VU060267.D  
 Acq: 30 Jul 2024 16:21

Tgt Ion:117 Resp: 17059  
 Ion Ratio Lower Upper  
 117 100  
 201 74.0 60.0 90.0

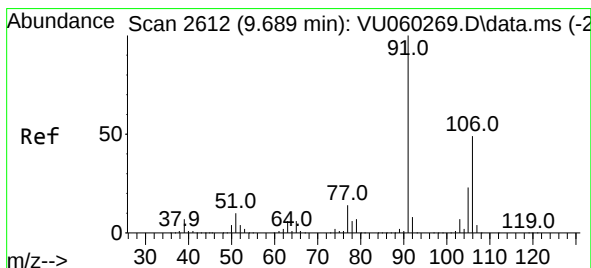
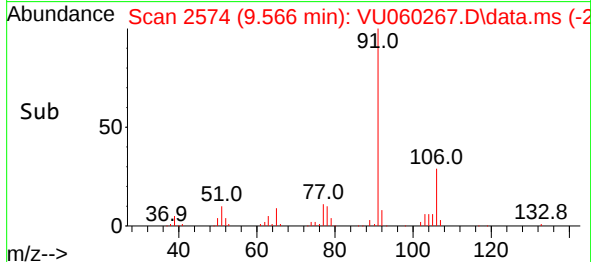
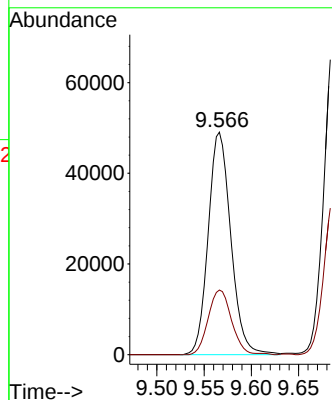
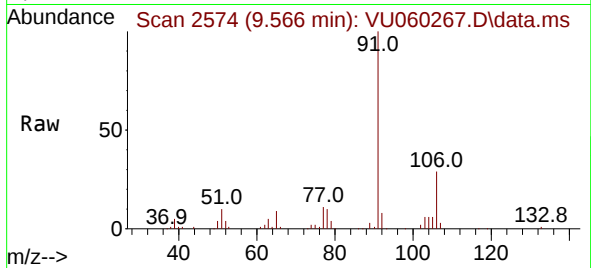




#63  
Ethyl Benzene  
Concen: 1.974 ug/l  
RT: 9.566 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

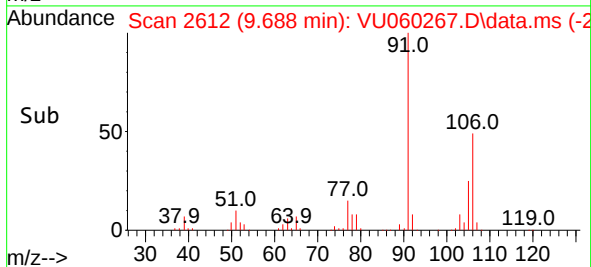
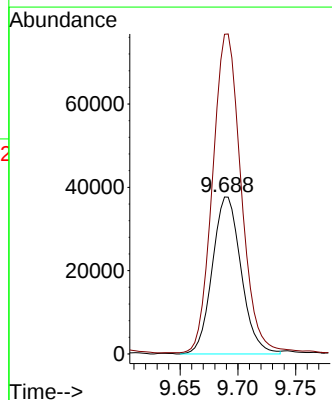
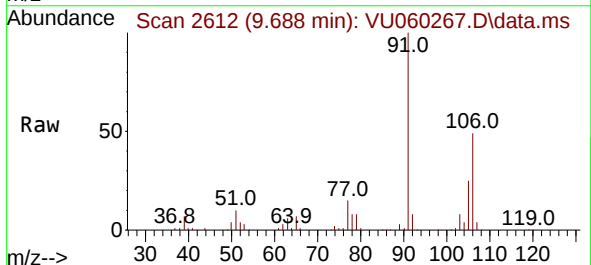
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC002

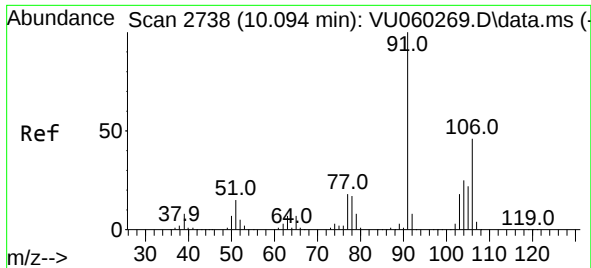
Tgt Ion: 91 Resp: 81731  
Ion Ratio Lower Upper  
91 100  
106 29.0 24.5 36.7



#64  
m/p-Xylenes  
Concen: 3.876 ug/l  
RT: 9.688 min Scan# 2612  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion: 106 Resp: 65367  
Ion Ratio Lower Upper  
106 100  
91 202.3 164.2 246.4

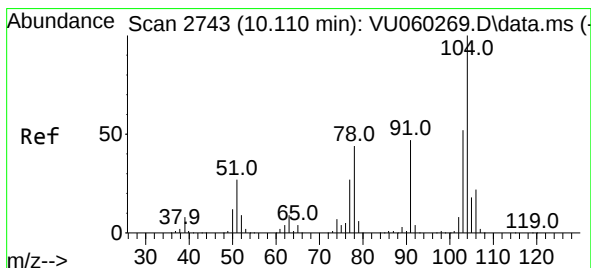
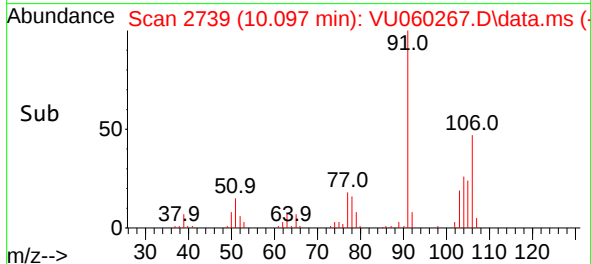
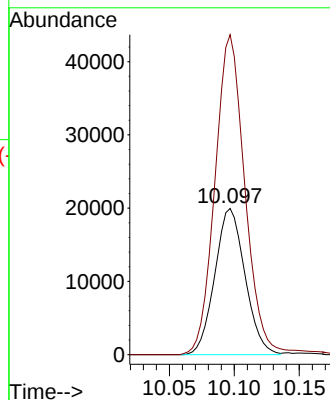
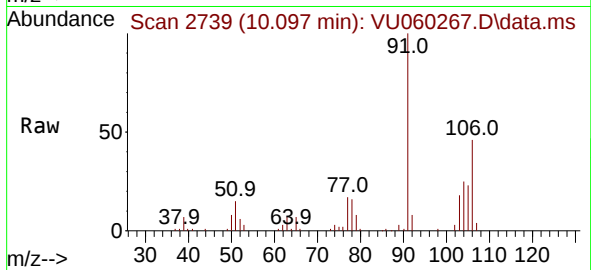




#65  
o-Xylene  
Concen: 2.015 ug/l  
RT: 10.097 min Scan# 2739  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

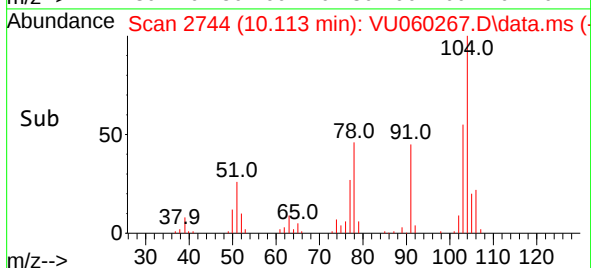
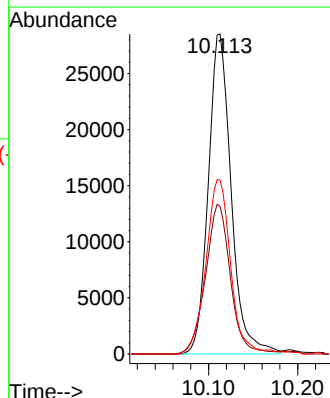
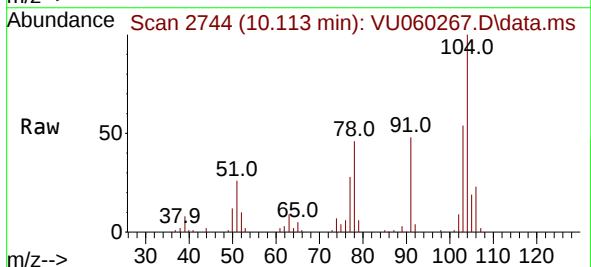
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC002

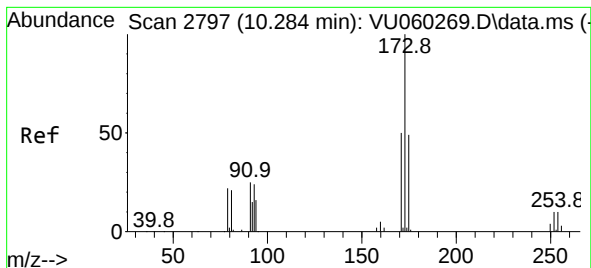
Tgt Ion:106 Resp: 32296  
Ion Ratio Lower Upper  
106 100  
91 218.0 109.4 328.2



#66  
Styrene  
Concen: 1.932 ug/l  
RT: 10.113 min Scan# 2744  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion:104 Resp: 50914  
Ion Ratio Lower Upper  
104 100  
78 50.8 39.1 58.7  
103 58.0 44.8 67.2





#67

Bromoform

Concen: 2.013 ug/l

RT: 10.286 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICC002

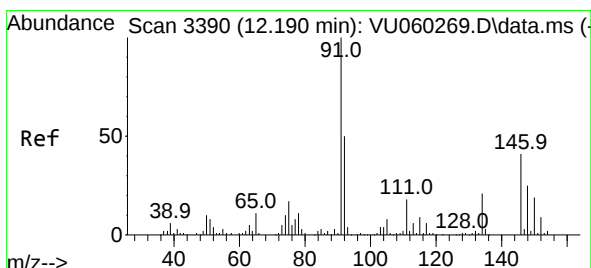
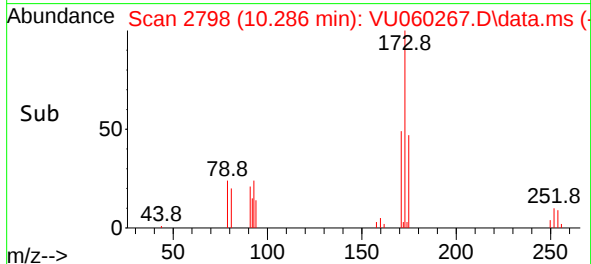
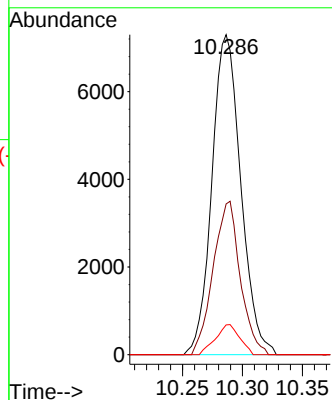
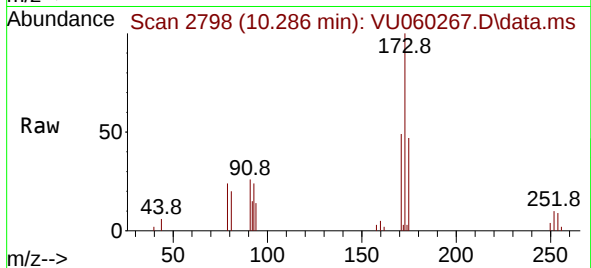
Tgt Ion:173 Resp: 12216

Ion Ratio Lower Upper

173 100

175 44.9 39.4 59.0

254 7.8 8.4 12.6#



#68

1,2-Dichlorobenzene-d4

Concen: 1.032 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. -0.000 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

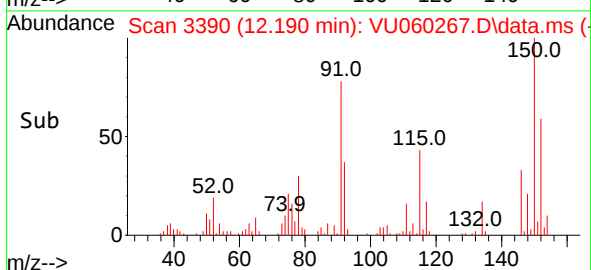
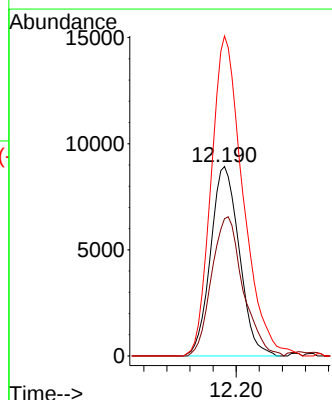
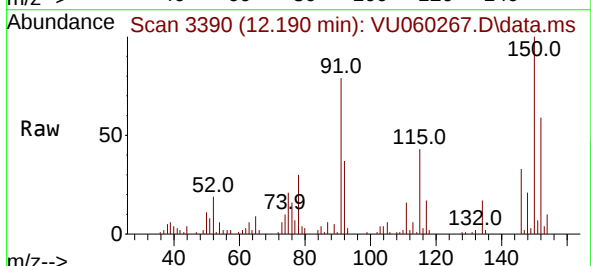
Tgt Ion:152 Resp: 15390

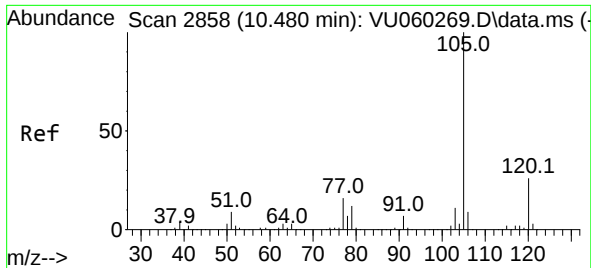
Ion Ratio Lower Upper

152 100

115 80.4 0.0 305.0

150 187.6 0.0 671.8

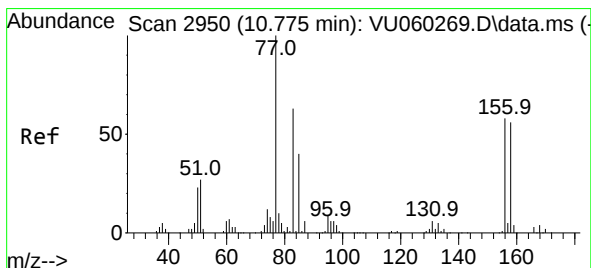
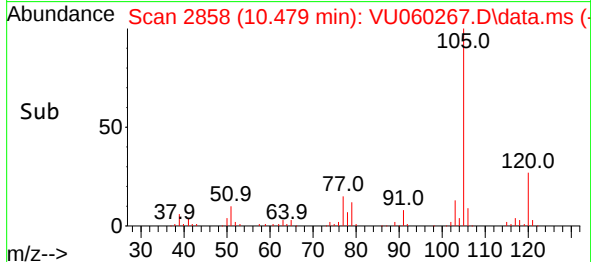
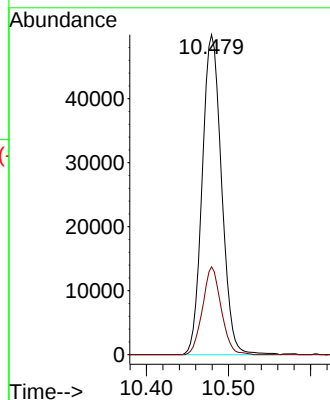
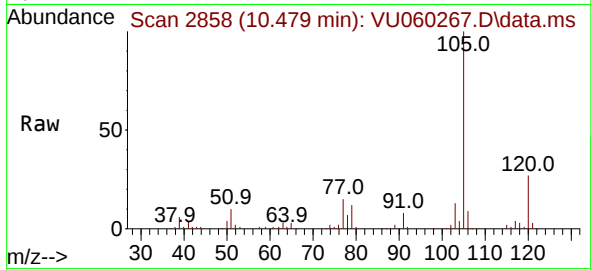




#69  
Isopropylbenzene  
Concen: 2.011 ug/l  
RT: 10.479 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

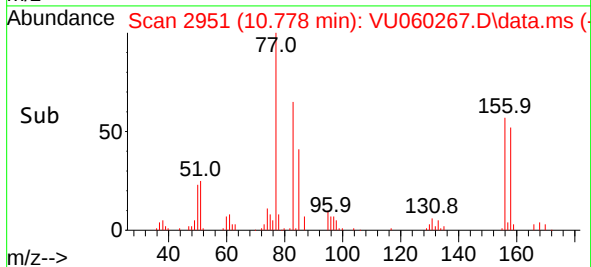
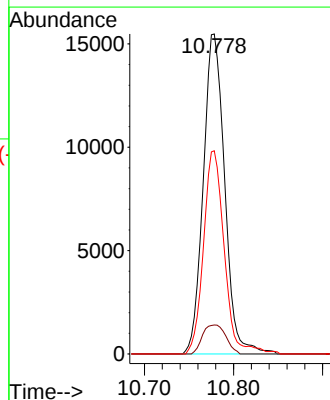
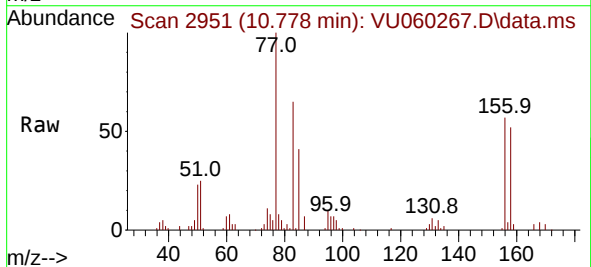
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

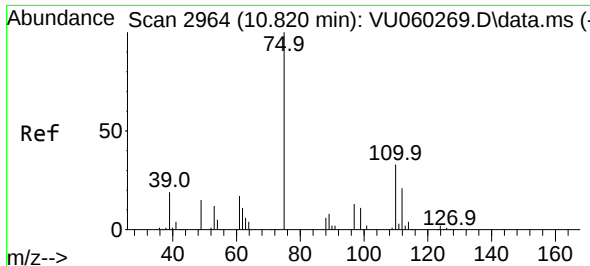
Tgt Ion:105 Resp: 81776  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.1 39.1



#70  
1,1,2,2-Tetrachloroethane  
Concen: 2.059 ug/l  
RT: 10.778 min Scan# 2951  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion: 83 Resp: 25875  
Ion Ratio Lower Upper  
83 100  
131 9.9 7.0 10.6  
85 61.2 50.3 75.5

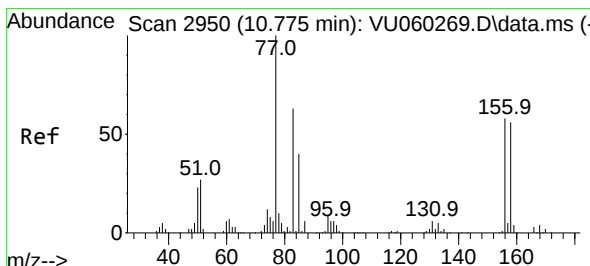
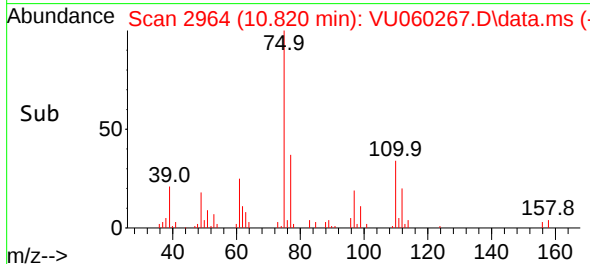
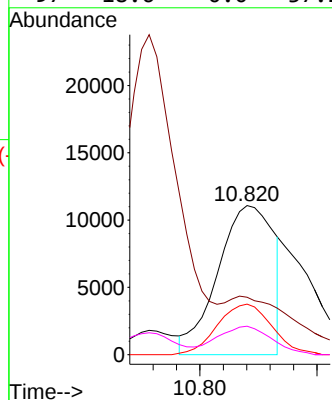
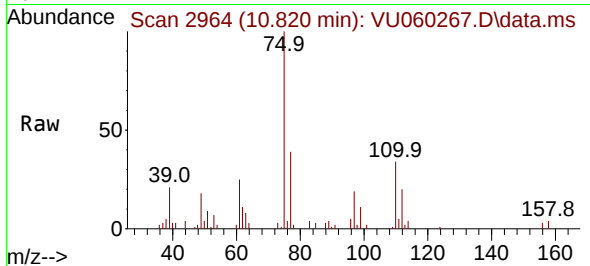




#71  
1,2,3-Trichloropropane  
Concen: 2.016 ug/l m  
RT: 10.820 min Scan# 2964  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

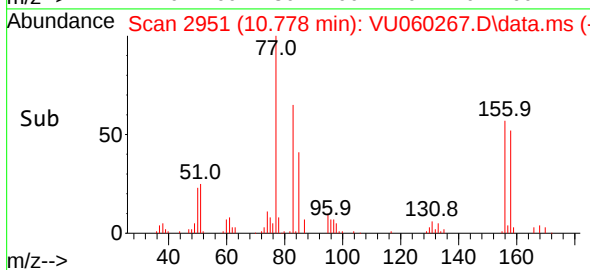
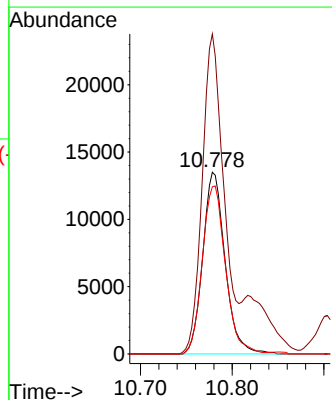
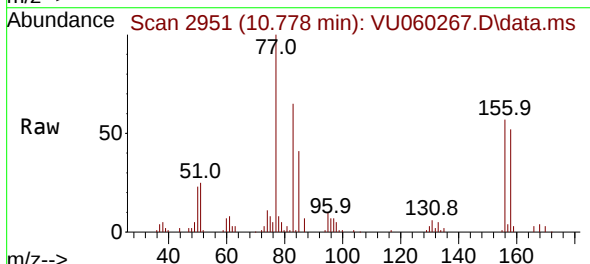
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

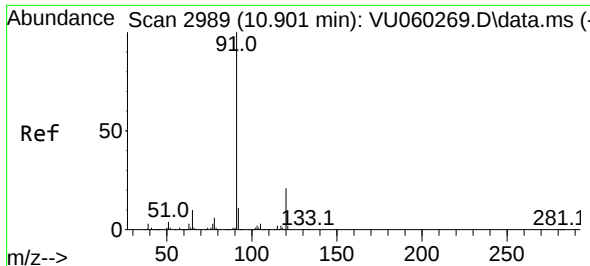
|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 18344 |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 0.0      | 0.0 96.0    |
| 110 33.3    | 0.0 65.4    |
| 97 18.6     | 0.0 37.2    |



#72  
Bromobenzene  
Concen: 2.008 ug/l  
RT: 10.778 min Scan# 2951  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:156 | Resp: | 22852 |       |
| Ion         | Ratio | Lower | Upper |
| 156         | 100   |       |       |
| 77          | 169.2 | 0.0   | 344.0 |
| 158         | 96.0  | 0.0   | 196.0 |

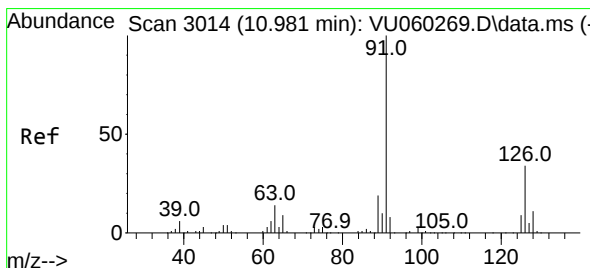
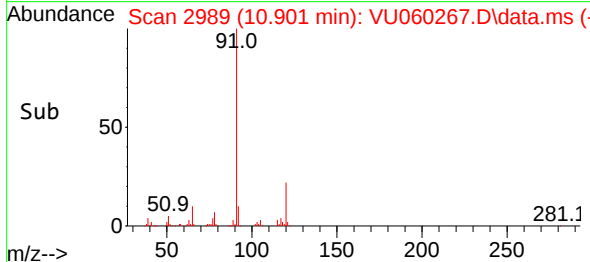
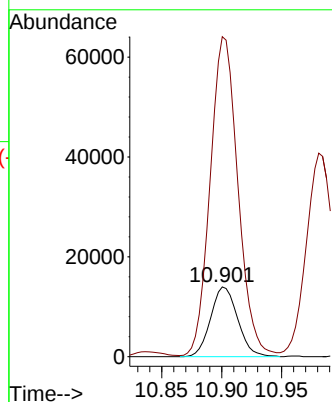
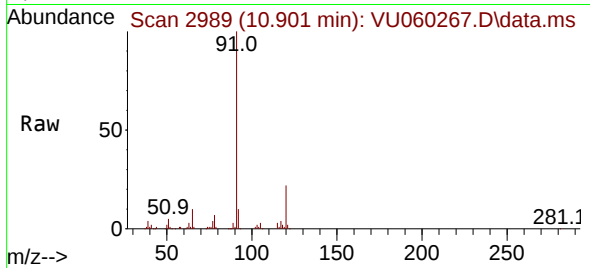




#73  
n-propylbenzene  
Concen: 1.994 ug/l  
RT: 10.901 min Scan# 2989  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

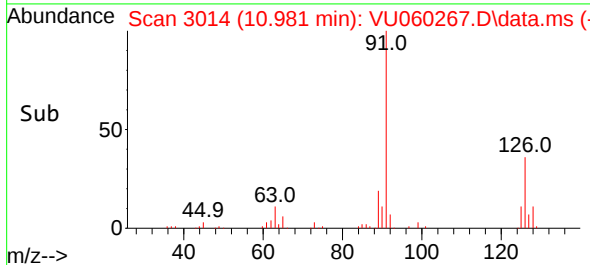
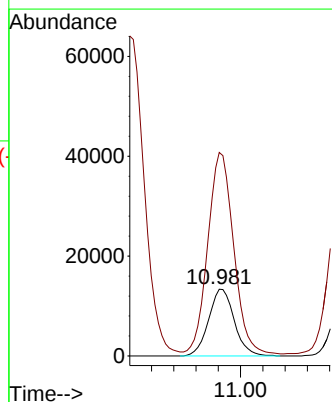
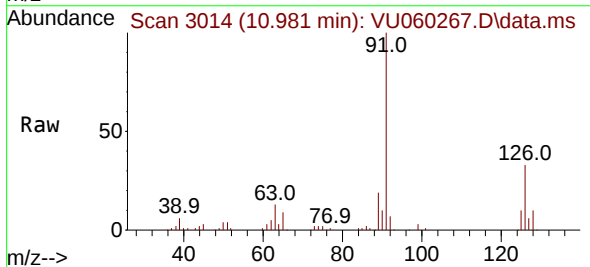
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

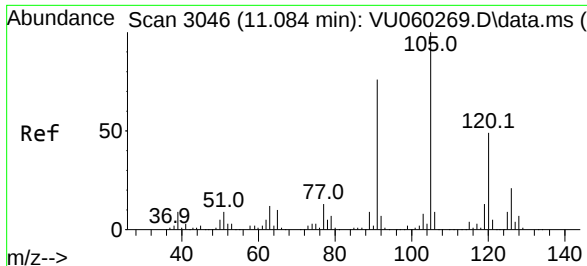
Tgt Ion:120 Resp: 21903  
Ion Ratio Lower Upper  
120 100  
91 467.8 370.7 556.1



#74  
2-Chlorotoluene  
Concen: 1.883 ug/l  
RT: 10.981 min Scan# 3014  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion:126 Resp: 21410  
Ion Ratio Lower Upper  
126 100  
91 304.0 0.0 613.0

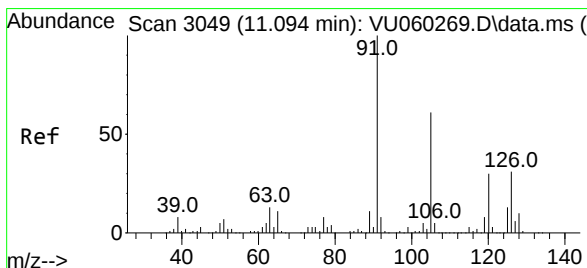
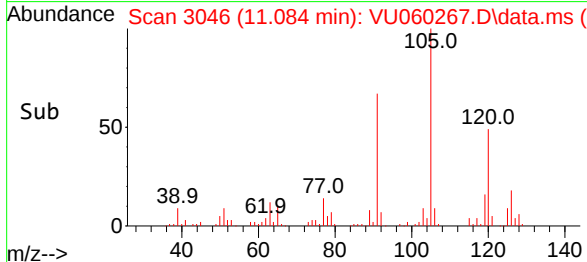
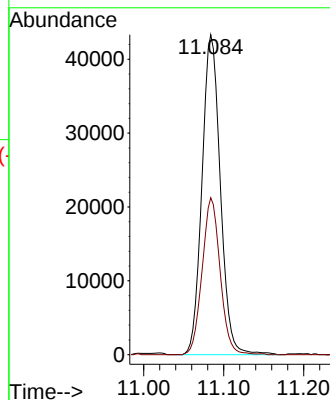
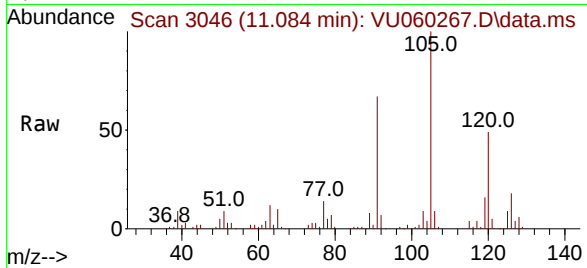




#75  
1,3,5-Trimethylbenzene  
Concen: 1.959 ug/l  
RT: 11.084 min Scan# 3046  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

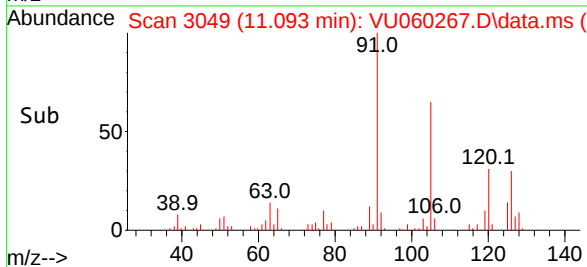
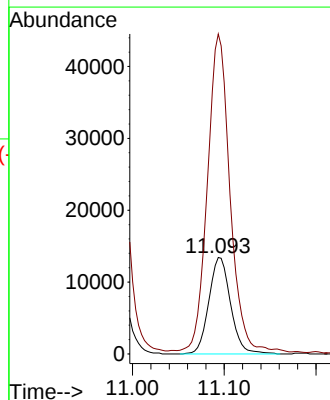
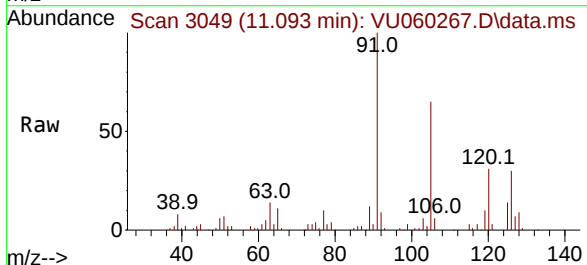
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

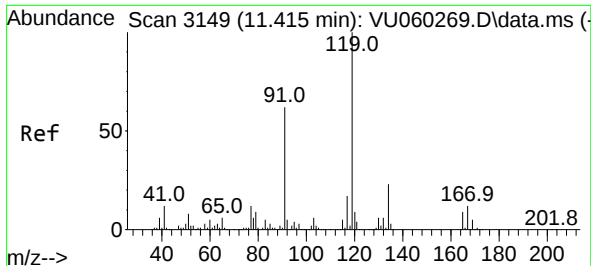
Tgt Ion:105 Resp: 69337  
Ion Ratio Lower Upper  
105 100  
120 48.0 38.5 57.7



#76  
4-Chlorotoluene  
Concen: 1.988 ug/l  
RT: 11.093 min Scan# 3049  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion:126 Resp: 22129  
Ion Ratio Lower Upper  
126 100  
91 334.0 0.0 679.4

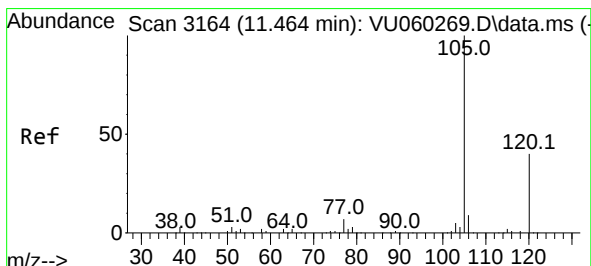
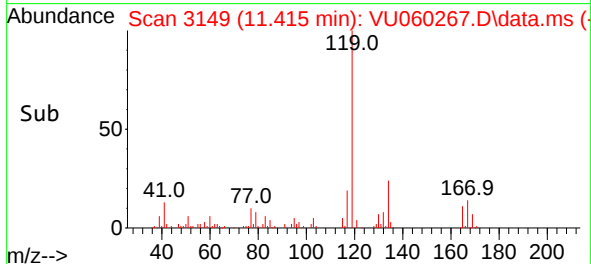
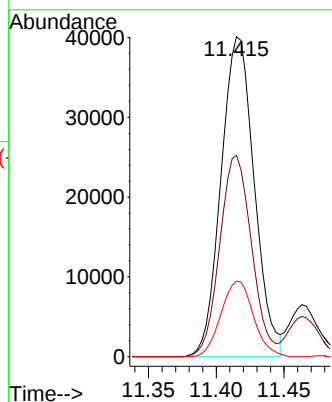
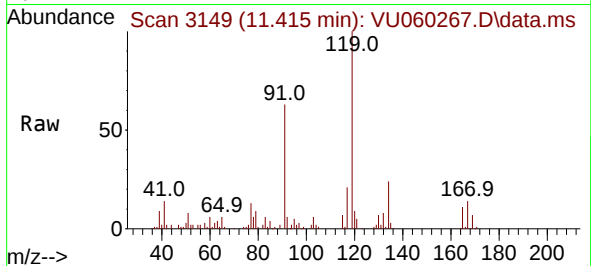




#77  
tert-Butylbenzene  
Concen: 2.043 ug/l  
RT: 11.415 min Scan# 3149  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

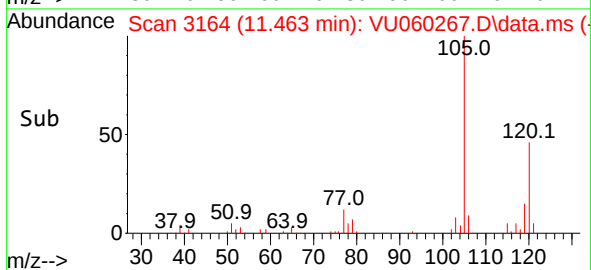
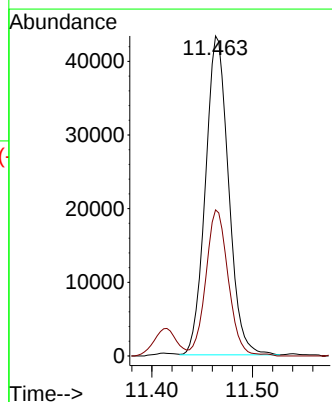
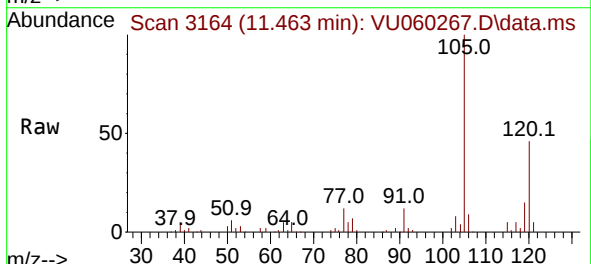
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC002

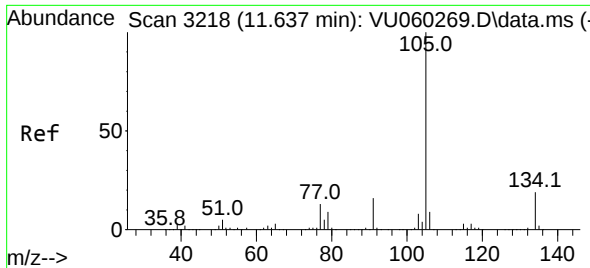
Tgt Ion:119 Resp: 68442  
Ion Ratio Lower Upper  
119 100  
91 60.2 30.1 90.3  
134 23.0 18.5 27.7



#78  
1,2,4-Trimethylbenzene  
Concen: 1.971 ug/l  
RT: 11.463 min Scan# 3164  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion:105 Resp: 69131  
Ion Ratio Lower Upper  
105 100  
120 44.7 22.6 67.7

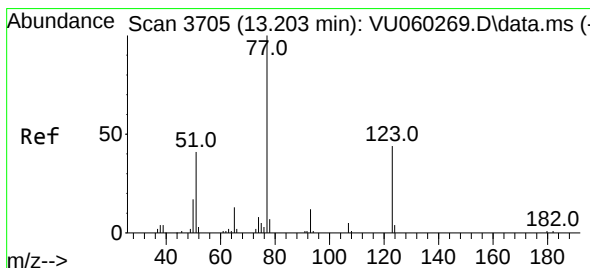
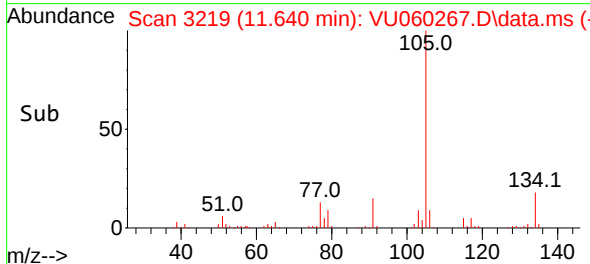
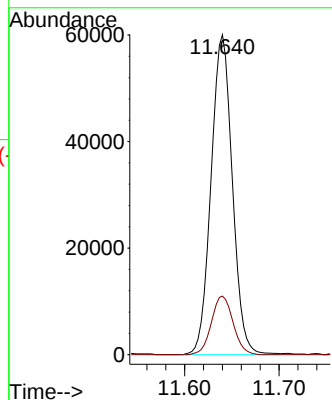
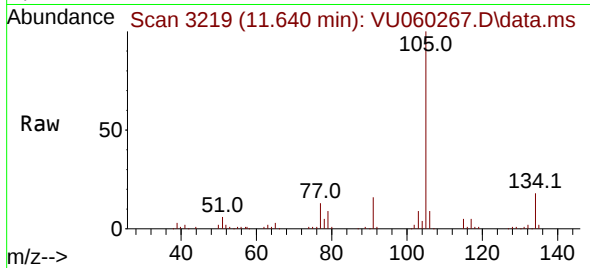




#79  
 sec-Butylbenzene  
 Concen: 2.025 ug/l  
 RT: 11.640 min Scan# 31  
 Delta R.T. 0.003 min  
 Lab File: VU060267.D  
 Acq: 30 Jul 2024 16:21

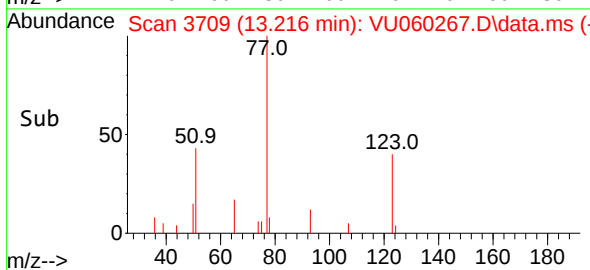
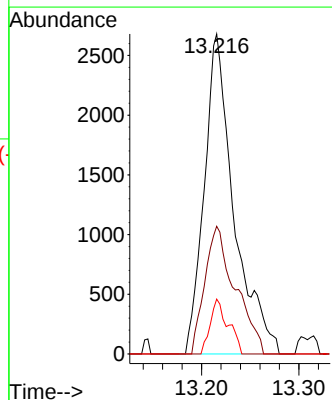
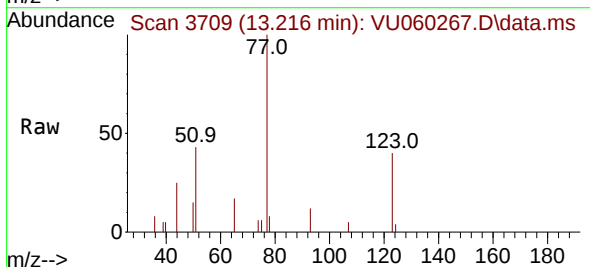
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICC002

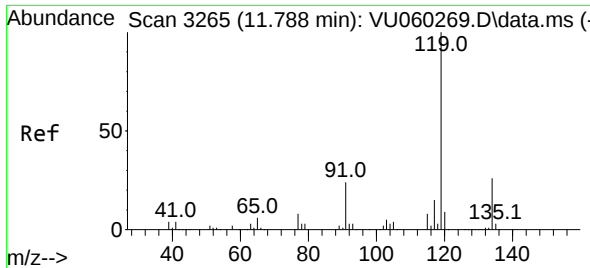
Tgt Ion:105 Resp: 93856  
 Ion Ratio Lower Upper  
 105 100  
 134 18.6 15.1 22.7



#80  
 Nitrobenzene  
 Concen: 9.695 ug/l m  
 RT: 13.216 min Scan# 3709  
 Delta R.T. 0.012 min  
 Lab File: VU060267.D  
 Acq: 30 Jul 2024 16:21

Tgt Ion: 77 Resp: 5667  
 Ion Ratio Lower Upper  
 77 100  
 123 41.0 20.1 71.1  
 65 10.4 10.5 13.3#

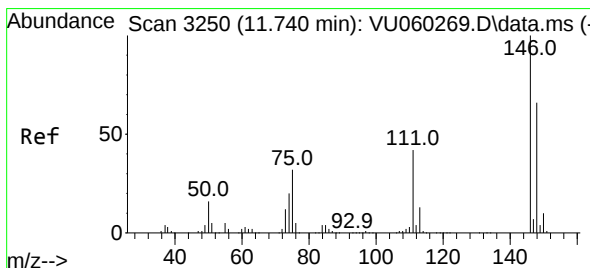
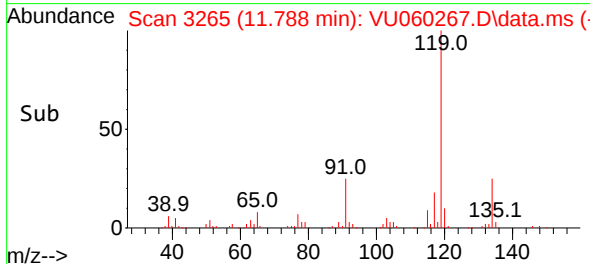
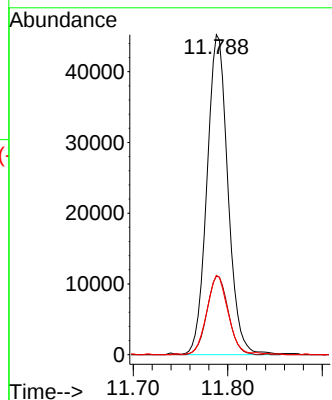
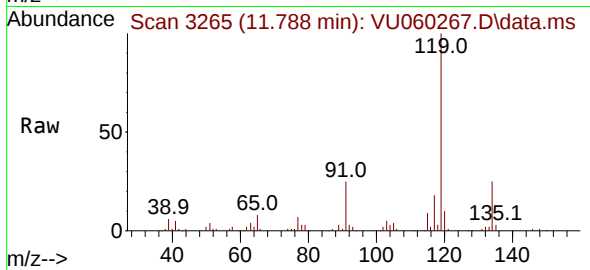




#81  
 p-Isopropyltoluene  
 Concen: 1.979 ug/l  
 RT: 11.788 min Scan# 31  
 Delta R.T. -0.000 min  
 Lab File: VU060267.D  
 Acq: 30 Jul 2024 16:21

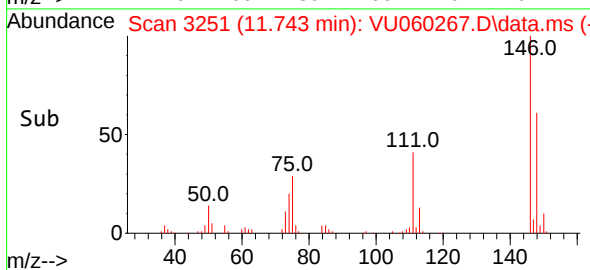
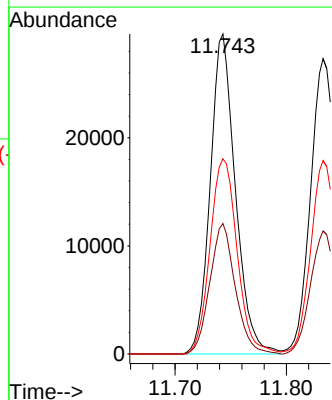
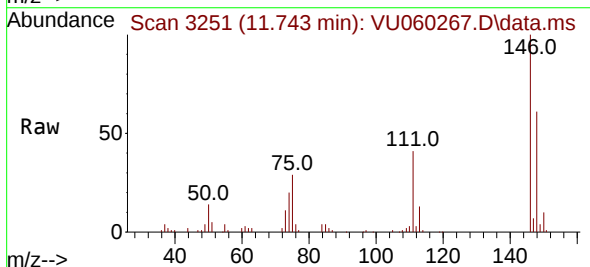
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC002

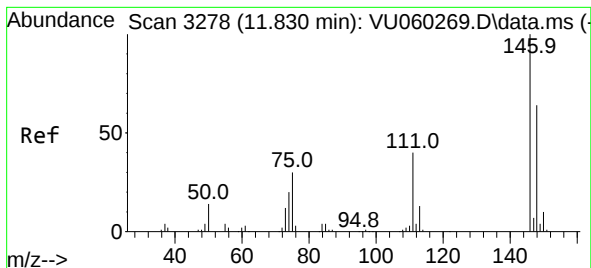
Tgt Ion:119 Resp: 69664  
 Ion Ratio Lower Upper  
 119 100  
 134 25.0 20.6 30.8  
 91 25.4 18.8 28.2



#82  
 1,3-Dichlorobenzene  
 Concen: 2.015 ug/l  
 RT: 11.743 min Scan# 3251  
 Delta R.T. 0.003 min  
 Lab File: VU060267.D  
 Acq: 30 Jul 2024 16:21

Tgt Ion:146 Resp: 46427  
 Ion Ratio Lower Upper  
 146 100  
 111 41.3 33.7 50.5  
 148 65.8 52.0 78.0





#83

1,4-Dichlorobenzene

Concen: 2.002 ug/l

RT: 11.833 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICC002

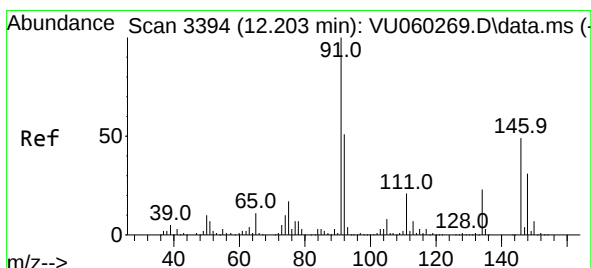
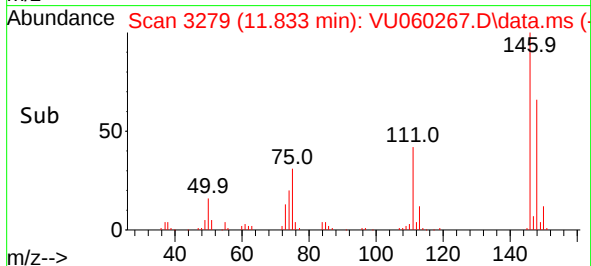
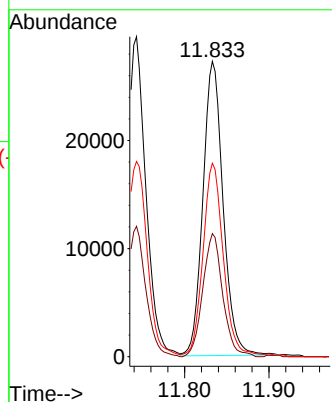
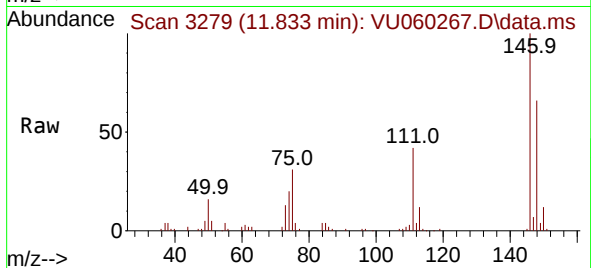
Tgt Ion:146 Resp: 45503

Ion Ratio Lower Upper

146 100

111 41.2 31.3 46.9

148 64.4 50.6 76.0



#84

n-Butylbenzene

Concen: 2.002 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

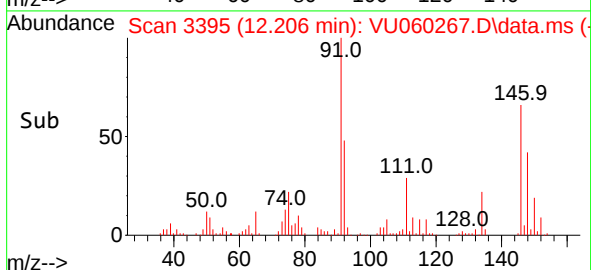
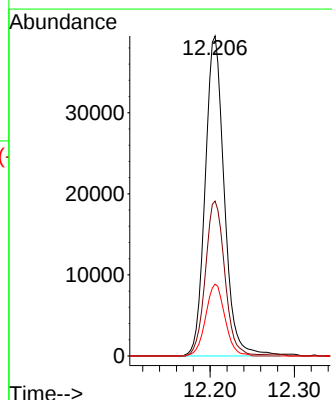
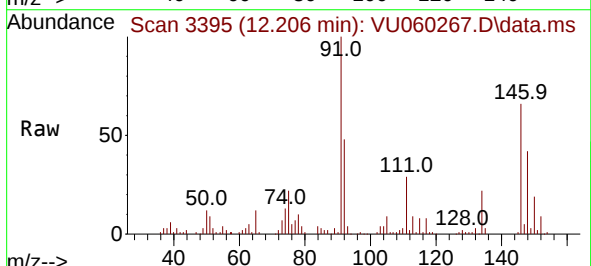
Tgt Ion: 91 Resp: 62307

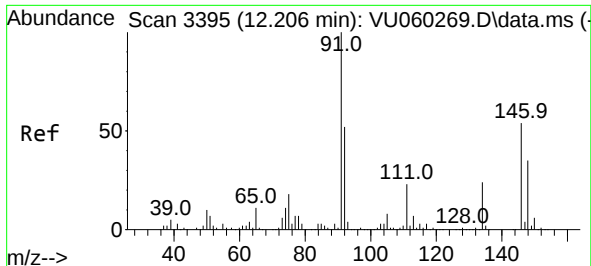
Ion Ratio Lower Upper

91 100

92 49.2 41.1 61.7

134 22.7 18.8 28.2

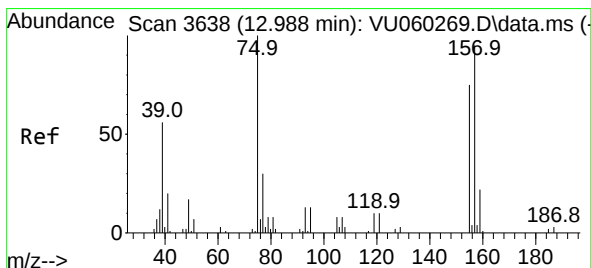
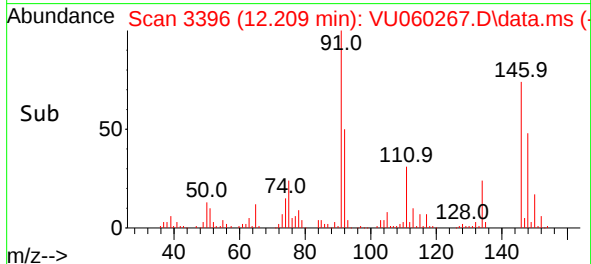
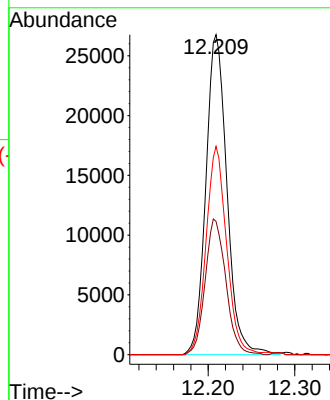
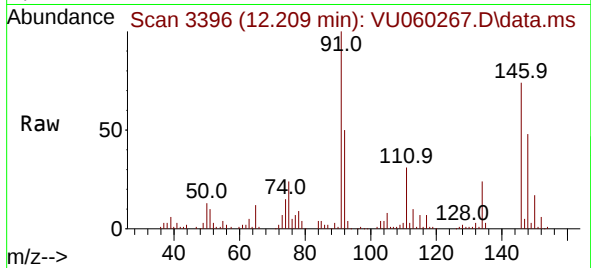




#85  
1,2-Dichlorobenzene  
Concen: 2.020 ug/l  
RT: 12.209 min Scan# 31  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

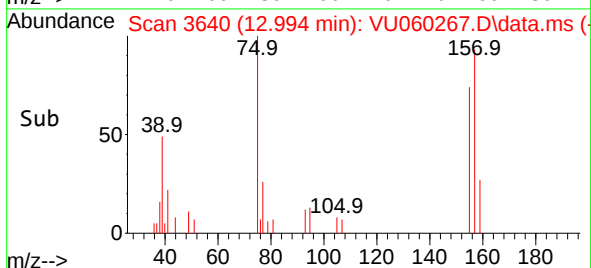
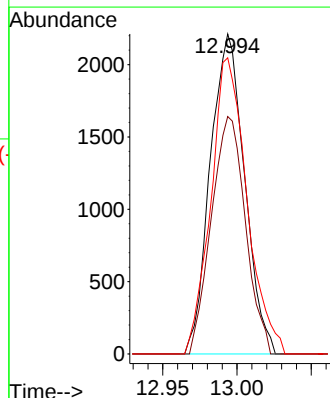
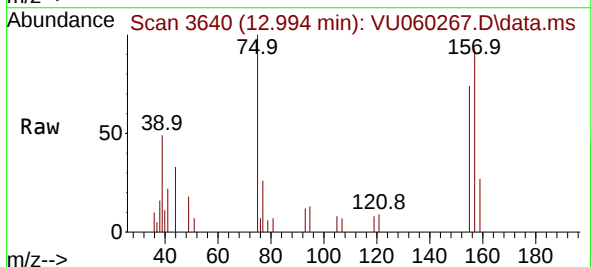
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC002

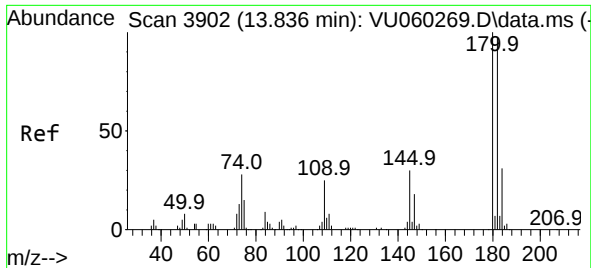
Tgt Ion:146 Resp: 45182  
Ion Ratio Lower Upper  
146 100  
111 41.7 21.6 64.6  
148 63.4 32.3 96.8



#86  
1,2-Dibromo-3-Chloropropane  
Concen: 2.003 ug/l  
RT: 12.994 min Scan# 3640  
Delta R.T. 0.006 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion: 75 Resp: 3550  
Ion Ratio Lower Upper  
75 100  
155 73.8 64.5 96.7  
157 97.3 79.3 118.9

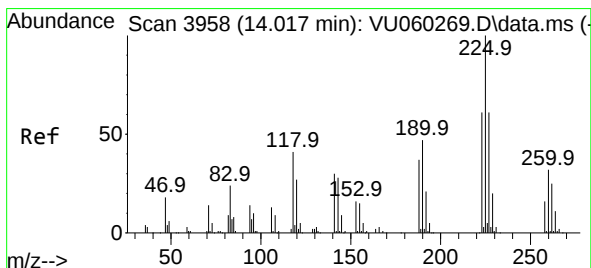
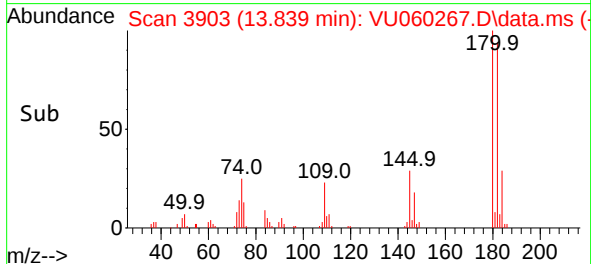
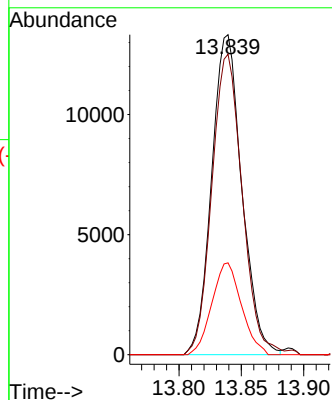
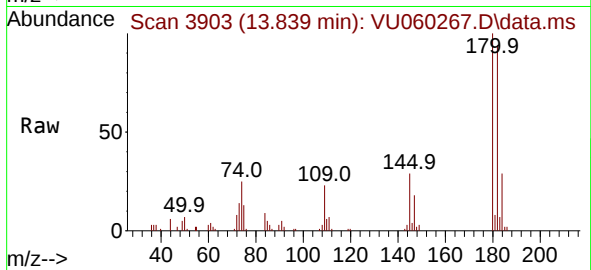




#87  
1,2,4-Trichlorobenzene  
Concen: 1.915 ug/l  
RT: 13.839 min Scan# 3903  
Delta R.T. 0.003 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

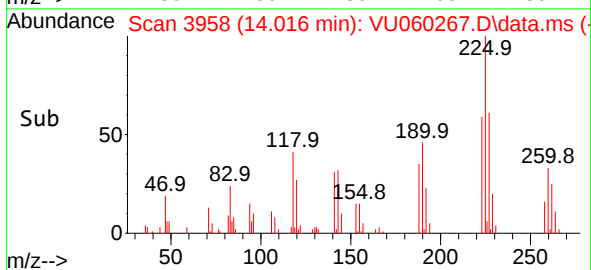
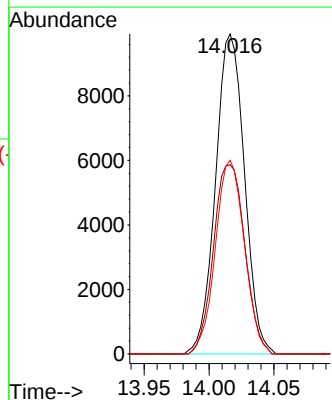
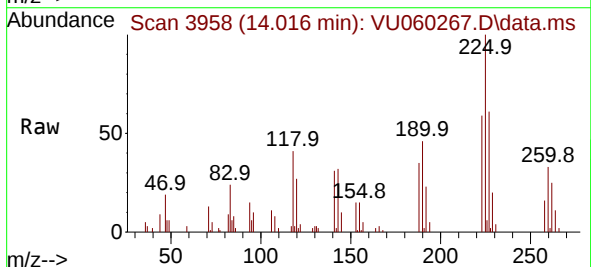
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC002

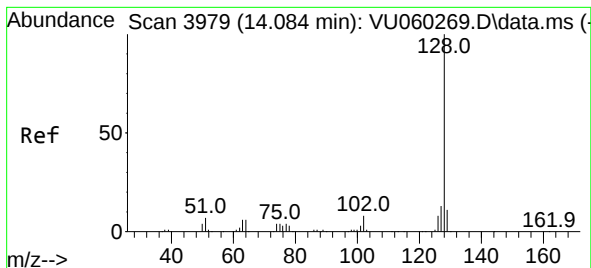
Tgt Ion:180 Resp: 22444  
Ion Ratio Lower Upper  
180 100  
182 94.8 76.5 114.7  
145 28.2 23.8 35.8



#88  
Hexachlorobutadiene  
Concen: 1.992 ug/l  
RT: 14.016 min Scan# 3958  
Delta R.T. -0.000 min  
Lab File: VU060267.D  
Acq: 30 Jul 2024 16:21

Tgt Ion:225 Resp: 15356  
Ion Ratio Lower Upper  
225 100  
223 64.0 50.2 75.2  
227 61.0 50.4 75.6





#89

Naphthalene

Concen: 2.129 ug/l

RT: 14.087 min Scan# 3979

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Instrument :

MSVOA\_U

ClientSampleId :

VSTDICC002

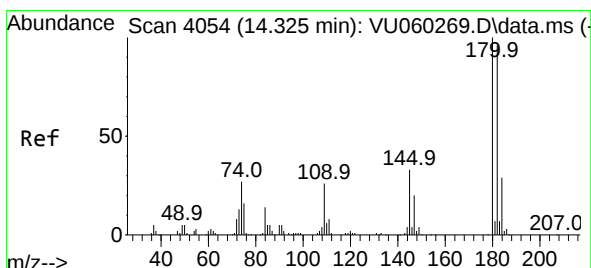
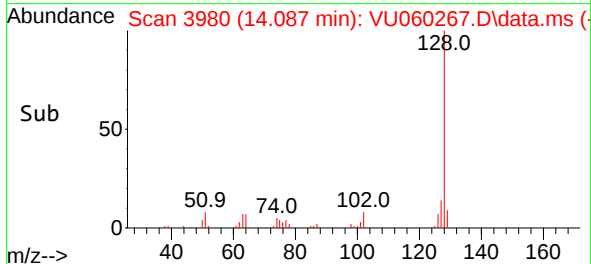
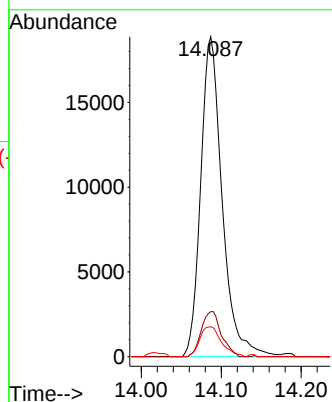
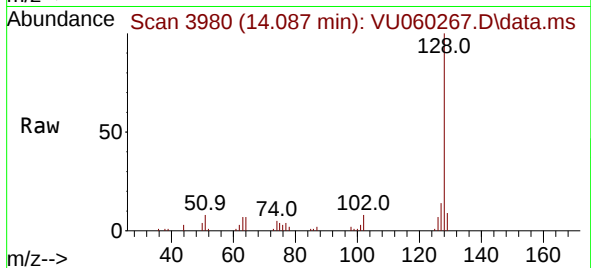
Tgt Ion:128 Resp: 35270

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 9.5 8.7 13.1



#90

1,2,3-Trichlorobenzene

Concen: 2.074 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU060267.D

Acq: 30 Jul 2024 16:21

Tgt Ion:180 Resp: 21064

Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.2

145 31.1 25.6 38.4

