

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051822\  
 Data File : VX028800.D  
 Acq On : 18 May 2022 12:59  
 Operator : JC/MD  
 Sample : N2884-04DL 4X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 31767DL

Quant Time: May 19 01:33:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 12 14:58:53 2022  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |       | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|-----------|------------|----------|
| -----                         |           |       |          |           |            |          |
| Internal Standards            |           |       |          |           |            |          |
| 1) Pentafluorobenzene         | 5.556     | 168   | 261065   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763     | 114   | 469399   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 10.055    | 117   | 439883   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024    | 152   | 206193   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 5.958     | 65    | 180109   | 50.330    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 61 - 141 | Recovery  | = 100.660% |          |
| 35) Dibromofluoromethane      | 5.385     | 113   | 156747   | 50.967    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 69 - 133 | Recovery  | = 101.940% |          |
| 50) Toluene-d8                | 8.653     | 98    | 663434   | 57.217    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 65 - 126 | Recovery  | = 114.440% |          |
| 62) 4-Bromofluorobenzene      | 11.079    | 95    | 210761   | 48.666    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 58 - 135 | Recovery  | = 97.340%  |          |
| Target Compounds              |           |       |          |           |            | Qvalue   |
| 5) Bromomethane               | 1.611     | 94    | 606      | Below Cal |            | 87       |
| 6) Chloroethane               | 1.672     | 64    | 134      | Below Cal | #          | 42       |
| 10) Methyl Iodide             | 2.465     | 142   | 1163     | 0.334     | ug/l #     | 88       |
| 11) Tert butyl alcohol        | 2.953     | 59    | 70851    | 88.126    | ug/l       | 98       |
| 13) Acrolein                  | 2.233     | 56    | 336      | 0.572     | ug/l #     | 1        |
| 14) Allyl chloride            | 2.648     | 41    | 1457     | 0.336     | ug/l #     | 49       |
| 16) Acetone                   | 2.380     | 43    | 17614    | 11.469    | ug/l       | 95       |
| 17) Carbon Disulfide          | 2.514     | 76    | 1472     | 0.210     | ug/l #     | 90       |
| 18) Methyl Acetate            | 2.532     | 43    | 10226    | 2.658     | ug/l #     | 46       |
| 20) Methylene Chloride        | 2.788     | 84    | 866      | 0.269     | ug/l #     | 88       |
| 22) Diisopropyl ether         | 3.703     | 45    | 14168    | 1.530     | ug/l #     | 1        |
| 25) 2-Butanone                | 4.562     | 43    | 8566     | 3.553     | ug/l       | 96       |
| 27) cis-1,2-Dichloroethene    | 4.495     | 96    | 827      | 0.233     | ug/l       | 37       |
| 29) Tetrahydrofuran           | 5.019     | 42    | 999      | 0.638     | ug/l #     | 44       |
| 36) 1,1-Dichloropropene       | 5.550     | 75    | 21724    | 4.703     | ug/l #     | 49       |
| 37) Ethyl Acetate             | 4.562     | 43    | 8566     | 1.775     | ug/l #     | 66       |
| 38) Carbon Tetrachloride      | 5.550     | 117   | 27924    | 6.007     | ug/l #     | 16       |
| 39) Methylcyclohexane         | 7.385     | 83    | 1064     | 0.201     | ug/l #     | 81       |
| 40) Benzene                   | 6.044     | 78    | 293523   | 22.110    | ug/l       | 100      |
| 42) 1,2-Dichloroethane        | 6.037     | 62    | 3382     | 0.691     | ug/l #     | 73       |
| 43) Isopropyl Acetate         | 6.330     | 43    | 5198     | 0.689     | ug/l #     | 71       |
| 48) Methyl methacrylate       | 7.690     | 41    | 9040     | 2.479     | ug/l #     | 29       |
| 51) 4-Methyl-2-Pentanone      | 8.580     | 43    | 17626    | 3.545     | ug/l       | 92       |
| 52) Toluene                   | 8.720     | 92    | 336094   | 39.356    | ug/l       | 100      |
| 53) t-1,3-Dichloropropene     | 8.982     | 75    | 225      | 1.682     | ug/l #     | 43       |
| 56) Ethyl methacrylate        | 9.025     | 69    | 1584     | 0.300     | ug/l #     | 41       |
| 58) 2-Chloroethyl Vinyl ether | 8.336     | 63    | 810      | 0.314     | ug/l #     | 75       |
| 59) 2-Hexanone                | 9.439     | 43    | 1049     | 0.272     | ug/l       | 98       |
| 67) Ethyl Benzene             | 10.195    | 91    | 262904   | 15.718    | ug/l       | 98       |
| 68) m/p-Xylenes               | 10.299    | 106   | 126064   | 19.359    | ug/l       | 99       |
| 69) o-Xylene                  | 10.640    | 106   | 58028    | 9.051     | ug/l       | 98       |
| 70) Styrene                   | 10.659    | 104   | 107370   | 10.312    | ug/l       | 98       |
| 73) Isopropylbenzene          | 10.963    | 105   | 8863     | 0.567     | ug/l       | 100      |
| 76) 1,2,3-Trichloropropane    | 11.079    | 75    | 111974   | 23.189    | ug/l #     | 38       |
| 78) n-propylbenzene           | 11.305    | 91    | 7878     | 0.436     | ug/l       | 94       |
| 79) 2-Chlorotoluene           | 11.378    | 91    | 10763    | 0.971     | ug/l #     | 49       |

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 Sample : N2884-04DL 4X  
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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 31767DL

Quant Time: May 19 01:33:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 12 14:58:53 2022  
 Response via : Initial Calibration

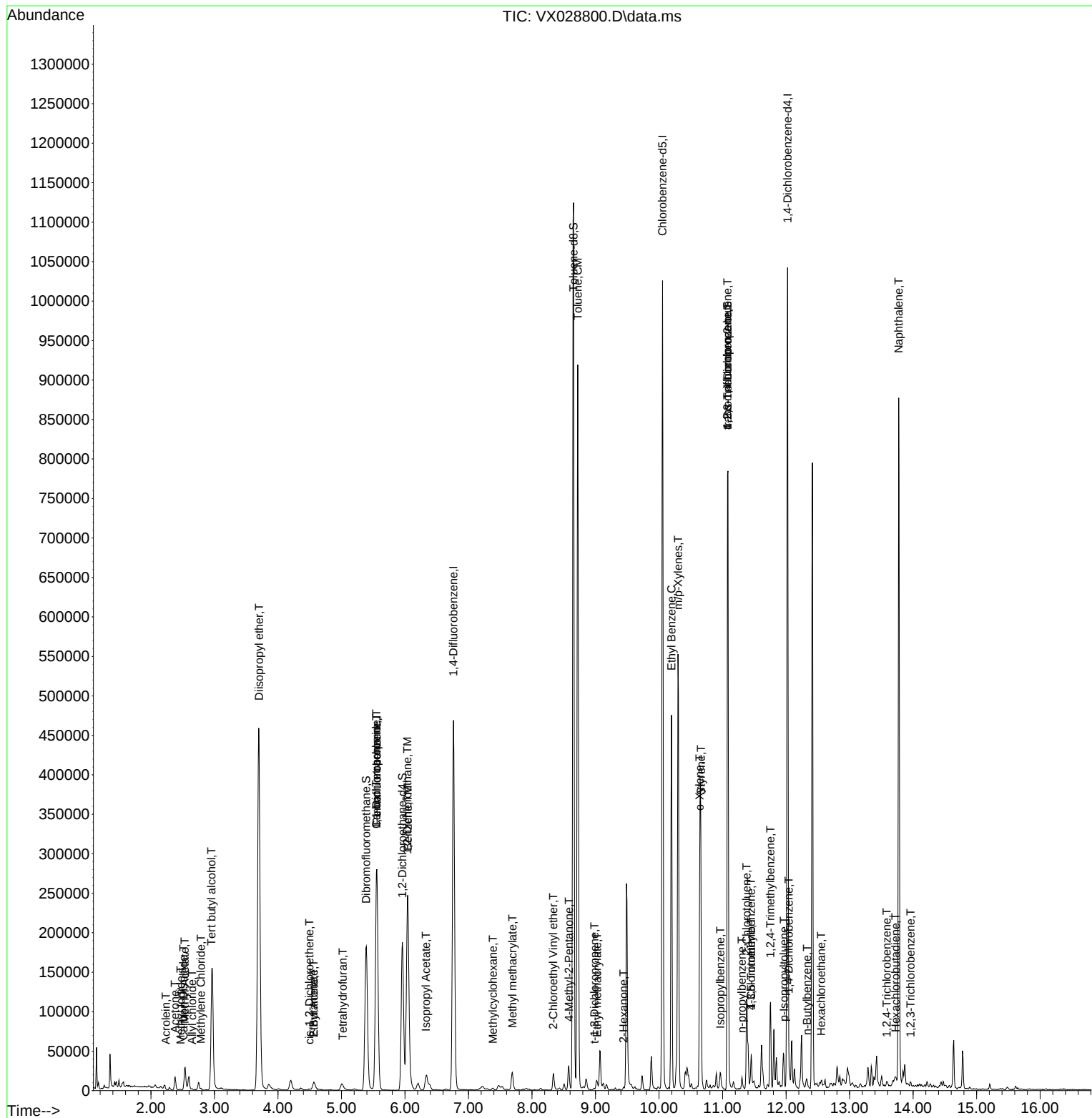
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 17623    | 1.353  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 111974   | 67.693 | ug/l # | 15       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 2986     | 0.233  | ug/l # | 61       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 48022    | 3.675  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 11.969 | 119  | 3742     | 0.287  | ug/l   | 84       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 1652     | 0.219  | ug/l # | 1        |
| 89) n-Butylbenzene            | 12.329 | 91   | 2812     | 0.249  | ug/l # | 58       |
| 90) Hexachloroethane          | 12.555 | 117  | 857      | 0.406  | ug/l # | 10       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 845      | 0.205  | ug/l   | 91       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 667      | 0.399  | ug/l   | 95       |
| 95) Naphthalene               | 13.774 | 128  | 509333   | 34.762 | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 904      | 0.219  | ug/l # | 79       |
| -----                         |        |      |          |        |        |          |

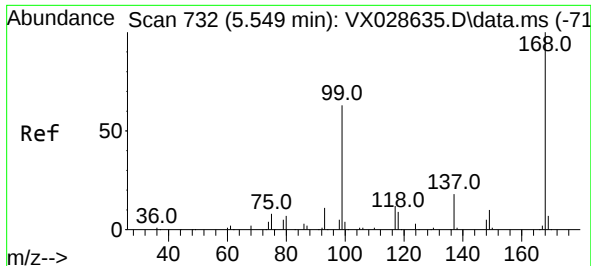
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Quant Title : SW846 8260  
QLast Update : Thu May 12 14:58:53 2022  
Response via : Initial Calibration

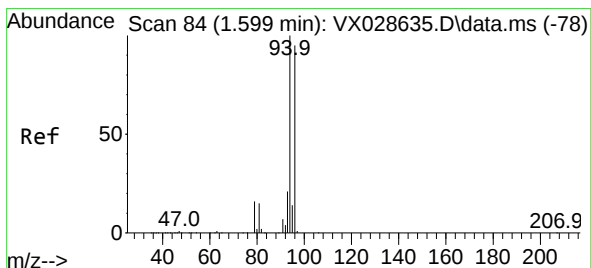
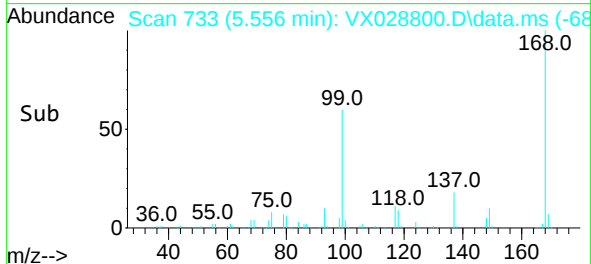
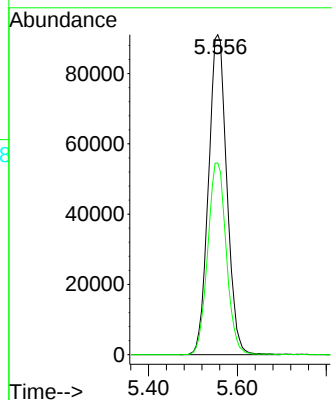
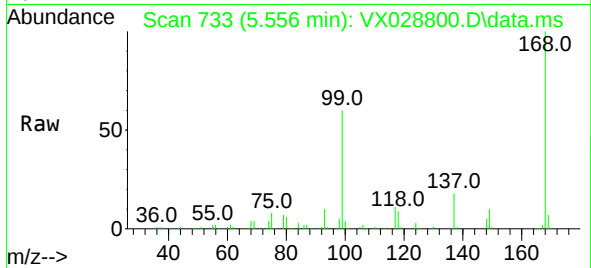




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

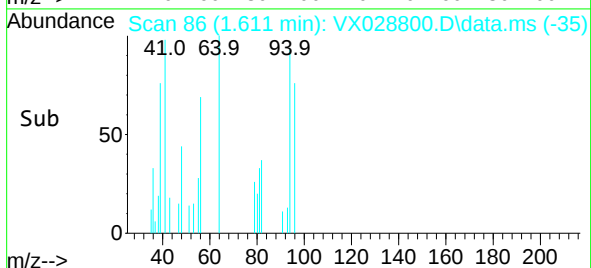
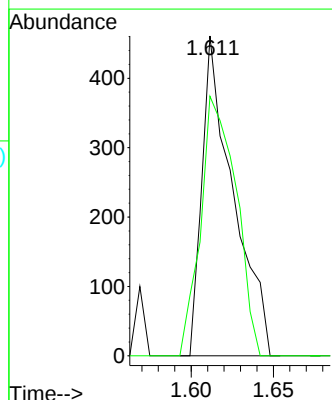
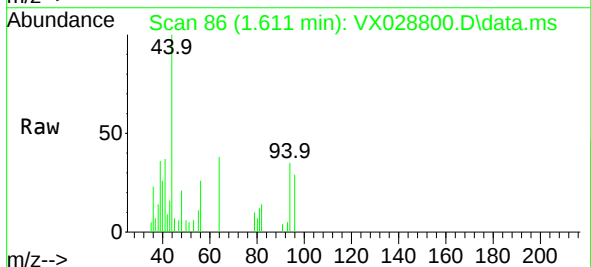
Instrument :  
MSVOA\_X  
ClientSampleId :  
31767DL

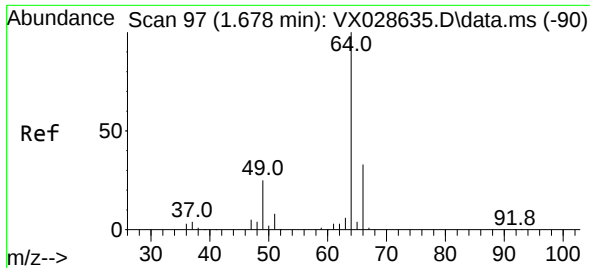
Tgt Ion:168 Resp: 261065  
Ion Ratio Lower Upper  
168 100  
99 59.9 41.7 62.5



#5  
Bromomethane  
Concen: Below Cal  
RT: 1.611 min Scan# 86  
Delta R.T. 0.012 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

Tgt Ion: 94 Resp: 606  
Ion Ratio Lower Upper  
94 100  
96 81.1 75.3 112.9

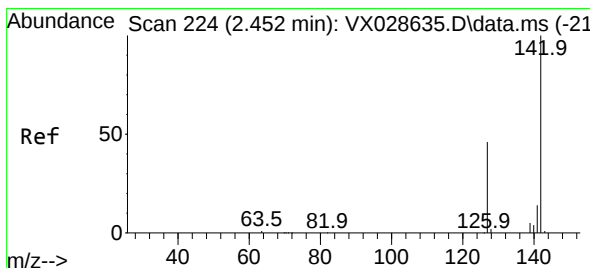
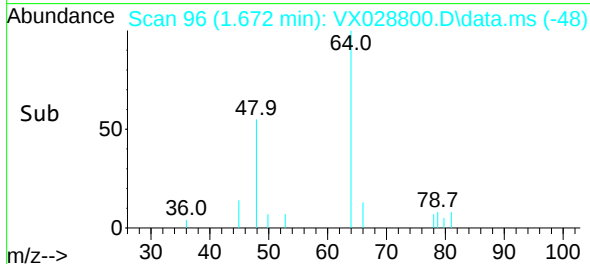
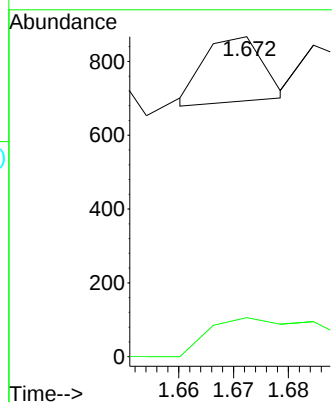
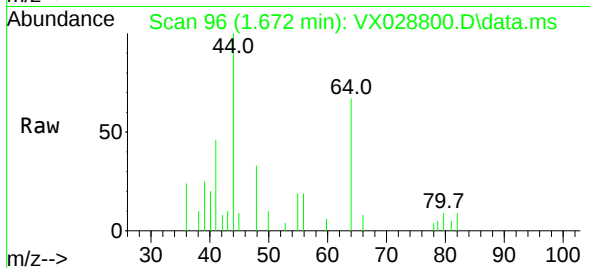




#6  
Chloroethane  
Concen: Below Cal  
RT: 1.672 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

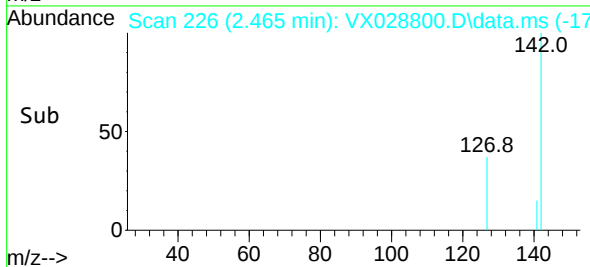
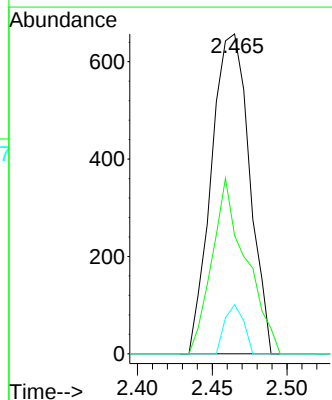
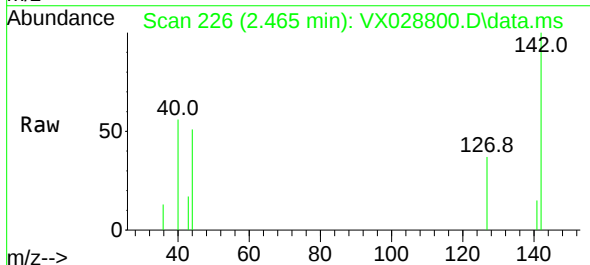
Instrument :  
MSVOA\_X  
ClientSampleId :  
31767DL

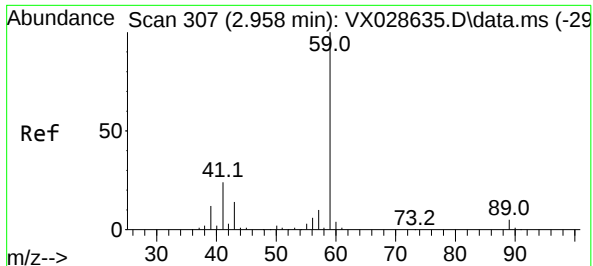
Tgt Ion: 64 Resp: 134  
Ion Ratio Lower Upper  
64 100  
66 63.9 25.3 37.9#



#10  
Methyl Iodide  
Concen: 0.334 ug/l  
RT: 2.465 min Scan# 226  
Delta R.T. 0.013 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

Tgt Ion:142 Resp: 1163  
Ion Ratio Lower Upper  
142 100  
127 49.1 33.9 50.9  
141 7.7 11.4 17.2#





#11

Tert butyl alcohol

Concen: 88.126 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.005 min

Lab File: VX028800.D

Acq: 18 May 2022 12:59

Instrument :

MSVOA\_X

ClientSampleId :

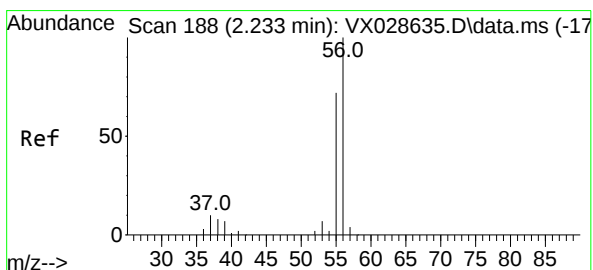
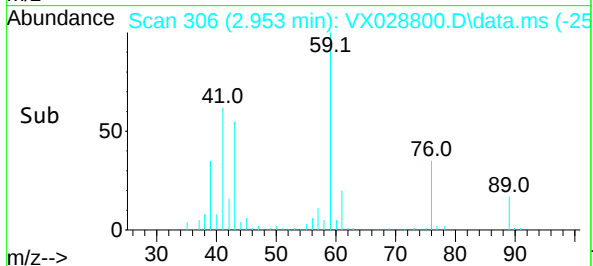
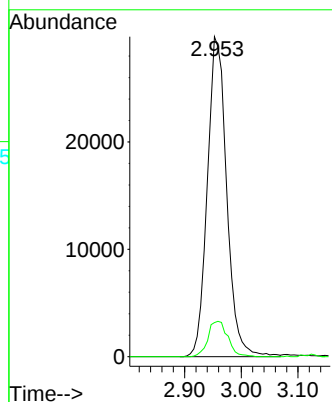
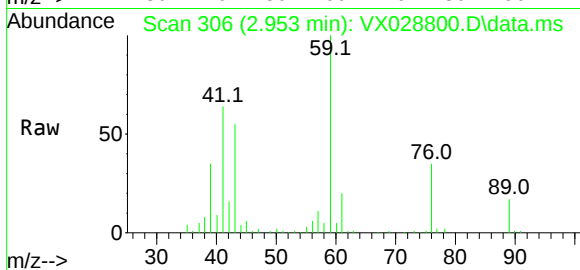
31767DL

Tgt Ion: 59 Resp: 70851

Ion Ratio Lower Upper

59 100

57 11.3 8.3 12.5



#13

Acrolein

Concen: 0.572 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX028800.D

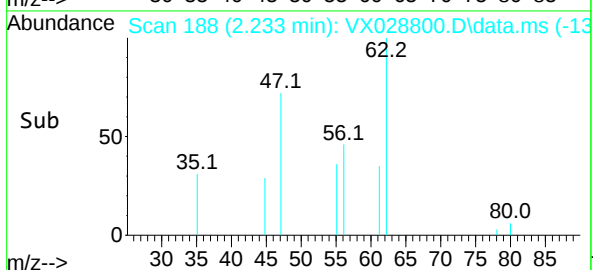
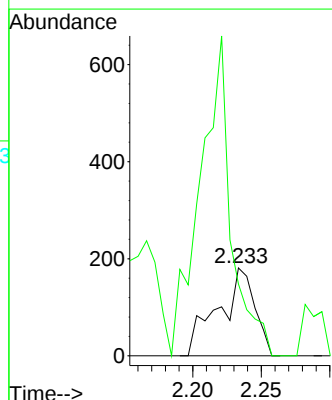
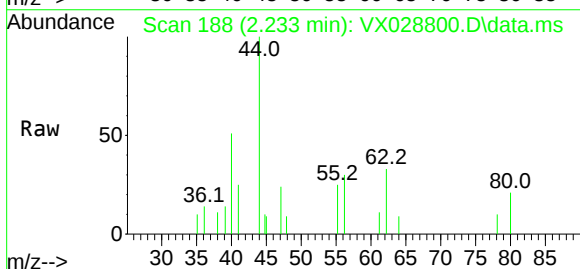
Acq: 18 May 2022 12:59

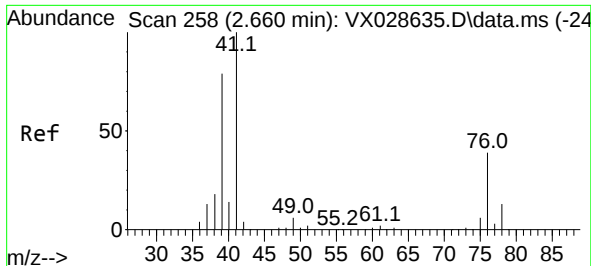
Tgt Ion: 56 Resp: 336

Ion Ratio Lower Upper

56 100

55 309.2 55.0 82.6#

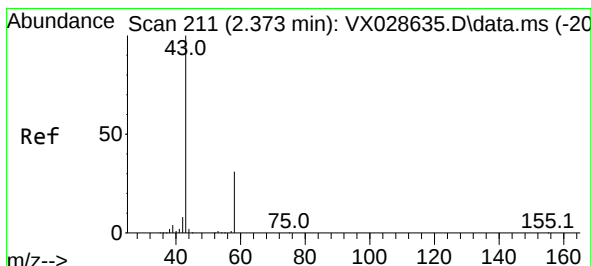
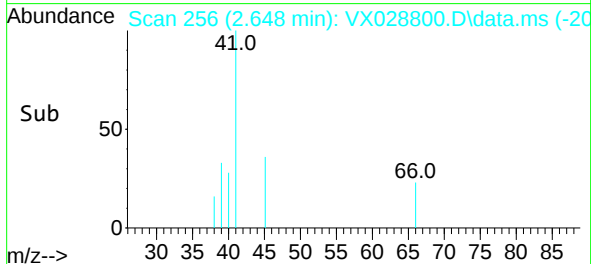
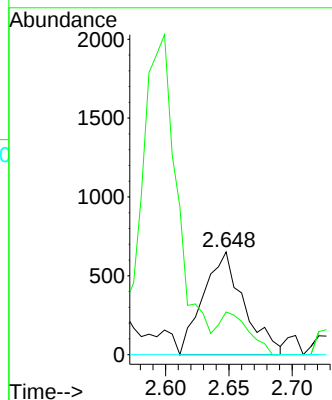
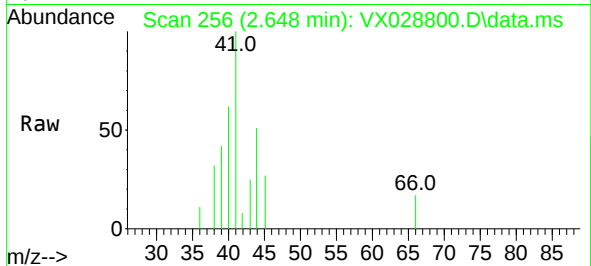




#14  
 Allyl chloride  
 Concen: 0.336 ug/l  
 RT: 2.648 min Scan# 212  
 Delta R.T. -0.012 min  
 Lab File: VX028800.D  
 Acq: 18 May 2022 12:59

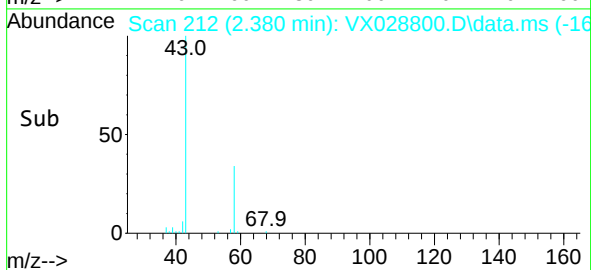
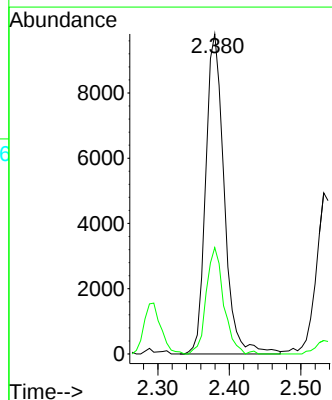
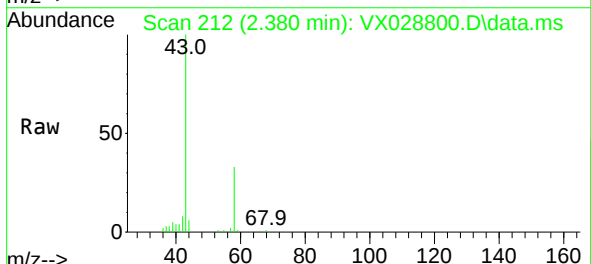
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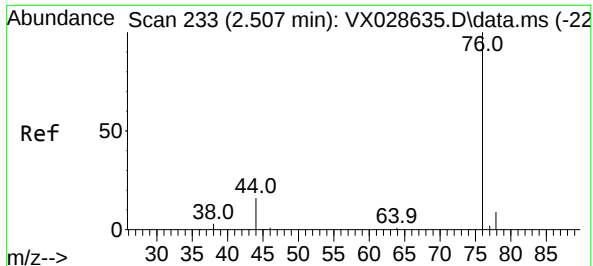
Tgt Ion: 41 Resp: 1457  
 Ion Ratio Lower Upper  
 41 100  
 39 30.8 50.4 75.6#  
 76 0.0 32.7 49.1#



#16  
 Acetone  
 Concen: 11.469 ug/l  
 RT: 2.380 min Scan# 212  
 Delta R.T. 0.007 min  
 Lab File: VX028800.D  
 Acq: 18 May 2022 12:59

Tgt Ion: 43 Resp: 17614  
 Ion Ratio Lower Upper  
 43 100  
 58 33.2 28.8 43.2

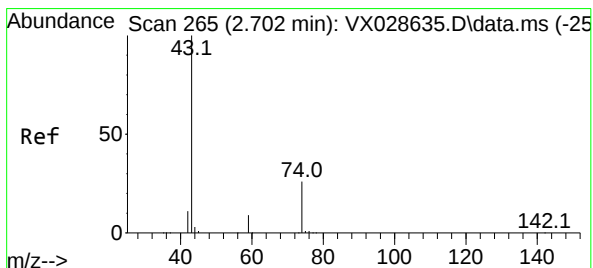
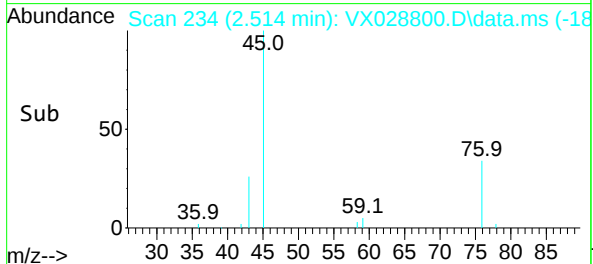
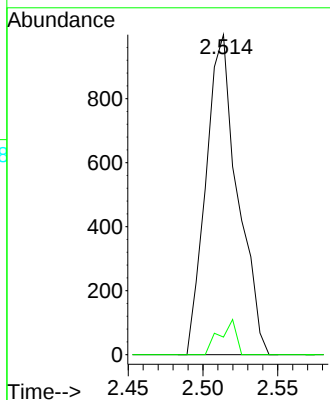
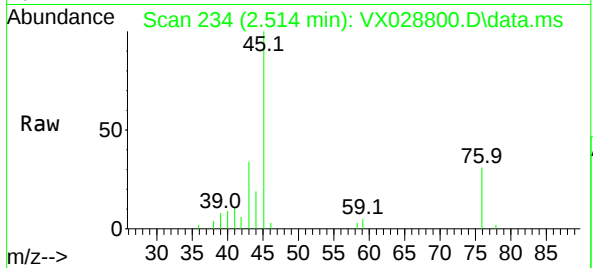




#17  
Carbon Disulfide  
Concen: 0.210 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.007 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

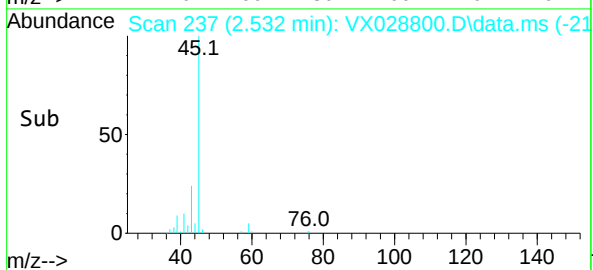
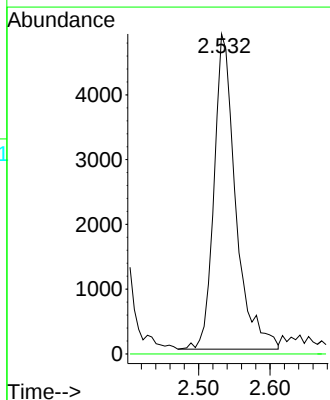
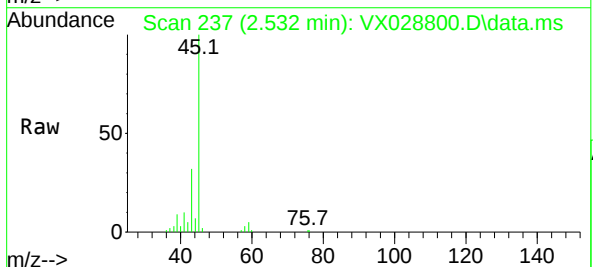
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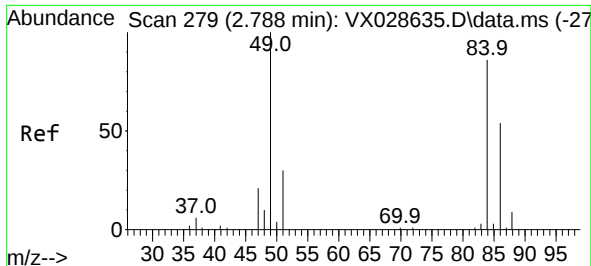
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Ion Ratio Lower Upper  
76 100  
78 5.5 7.2 10.8#



#18  
Methyl Acetate  
Concen: 2.658 ug/l  
RT: 2.532 min Scan# 237  
Delta R.T. -0.170 min  
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Acq: 18 May 2022 12:59

Tgt Ion: 43 Resp: 10226  
Ion Ratio Lower Upper  
43 100  
74 0.0 22.8 34.2#

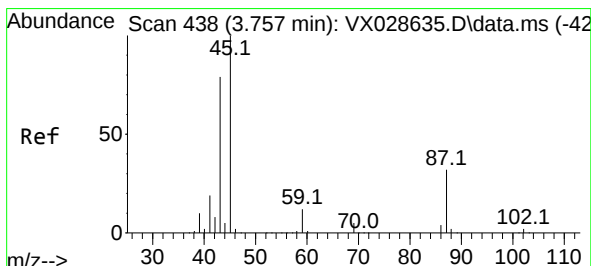
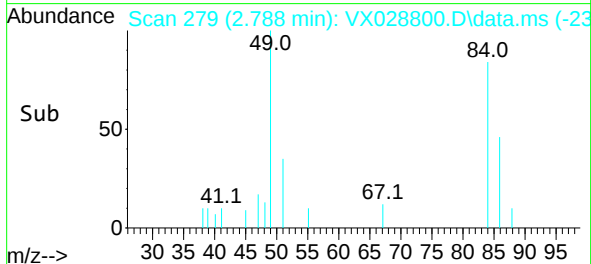
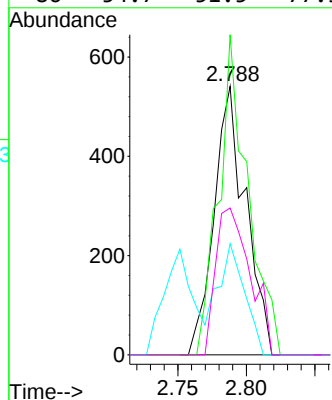
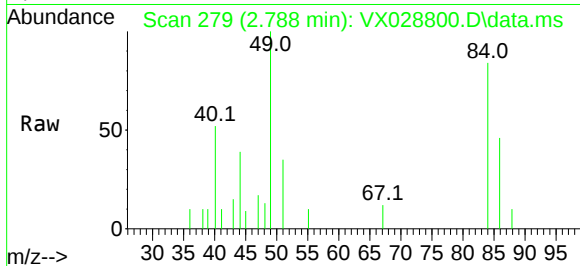




#20  
Methylene Chloride  
Concen: 0.269 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

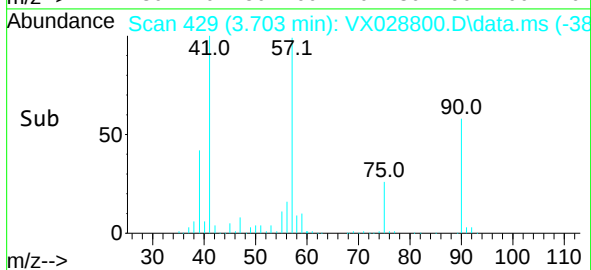
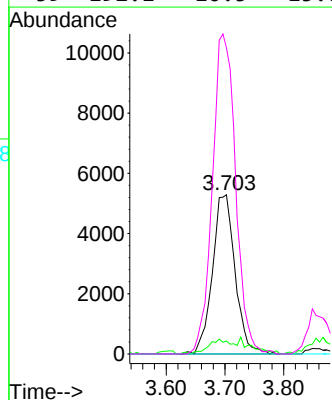
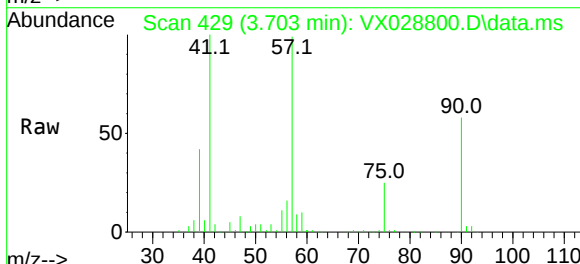
Instrument :  
MSVOA\_X  
ClientSampleId :  
31767DL

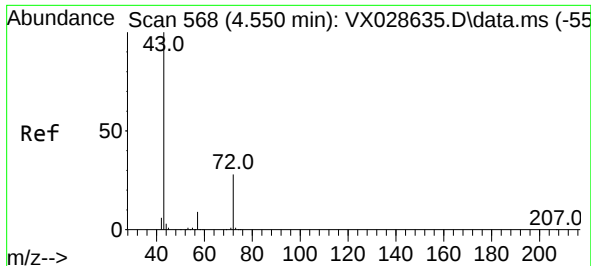
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 866   |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 119.2 | 85.5  | 128.3 |
| 51       | 41.4  | 26.6  | 39.8# |
| 86       | 54.7  | 51.5  | 77.3  |



#22  
Diisopropyl ether  
Concen: 1.530 ug/l  
RT: 3.703 min Scan# 429  
Delta R.T. -0.054 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 14168 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 8.1   | 50.8  | 76.2# |
| 87       | 0.0   | 26.6  | 39.8# |
| 59       | 192.1 | 10.5  | 15.7# |

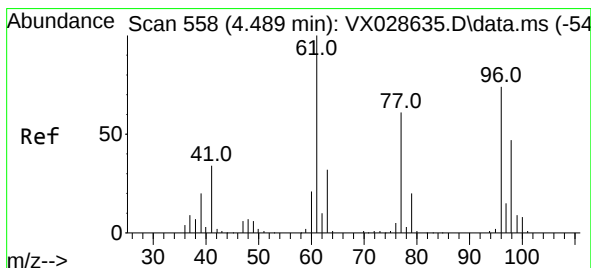
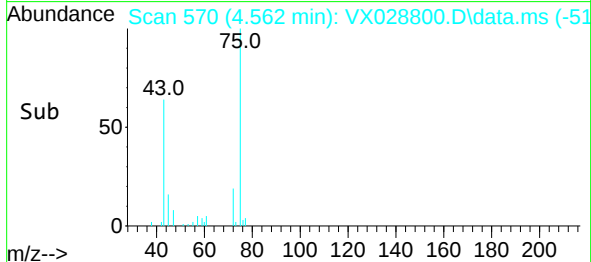
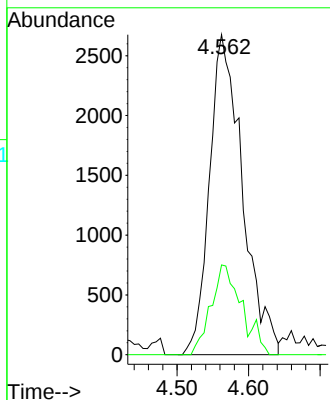
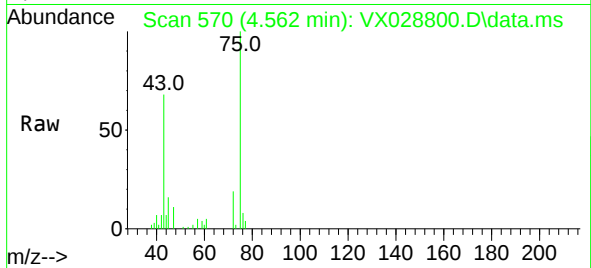




#25  
2-Butanone  
Concen: 3.553 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

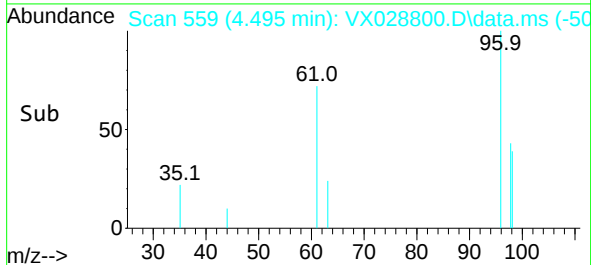
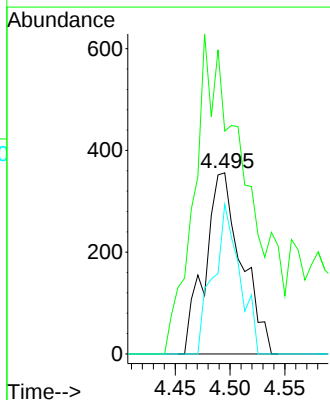
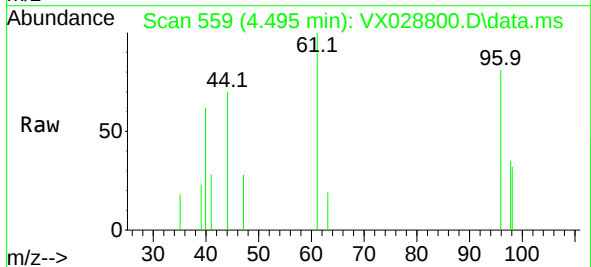
Instrument :  
MSVOA\_X  
ClientSampleId :  
31767DL

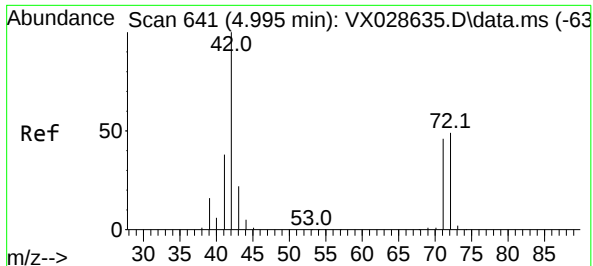
Tgt Ion: 43 Resp: 8566  
Ion Ratio Lower Upper  
43 100  
72 28.1 24.4 36.6



#27  
cis-1,2-Dichloroethene  
Concen: 0.233 ug/l  
RT: 4.495 min Scan# 559  
Delta R.T. 0.006 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

Tgt Ion: 96 Resp: 827  
Ion Ratio Lower Upper  
96 100  
61 250.4 0.0 283.8  
98 59.1 0.0 129.8





#29

Tetrahydrofuran

Concen: 0.638 ug/l

RT: 5.019 min Scan# 641

Delta R.T. 0.024 min

Lab File: VX028800.D

Acq: 18 May 2022 12:59

Instrument :

MSVOA\_X

ClientSampleId :

31767DL

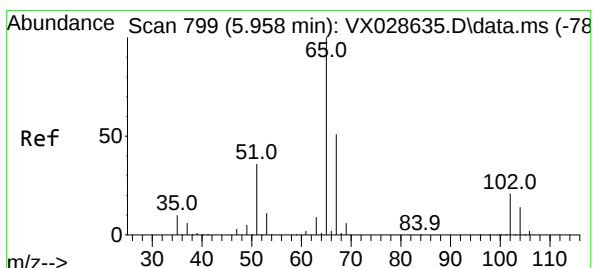
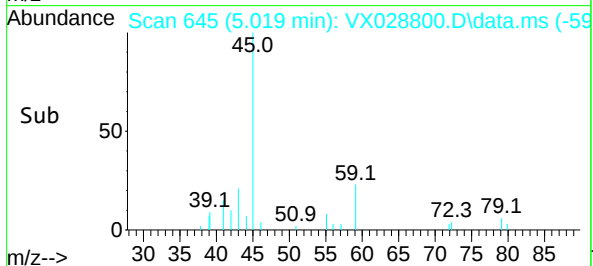
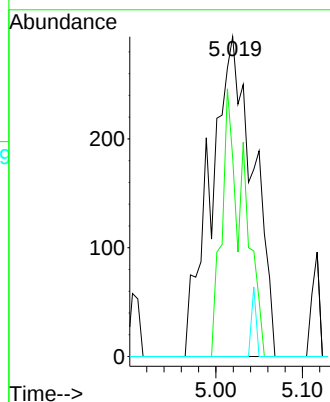
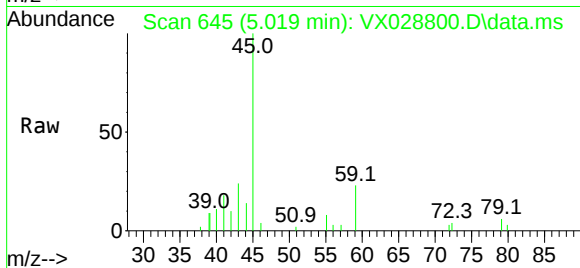
Tgt Ion: 42 Resp: 999

Ion Ratio Lower Upper

42 100

72 26.5 44.1 66.1#

71 0.0 40.5 60.7#



#33

1,2-Dichloroethane-d4

Concen: 50.330 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028800.D

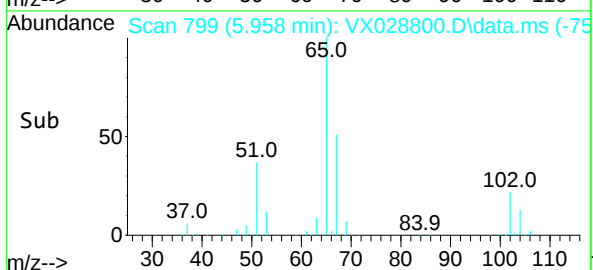
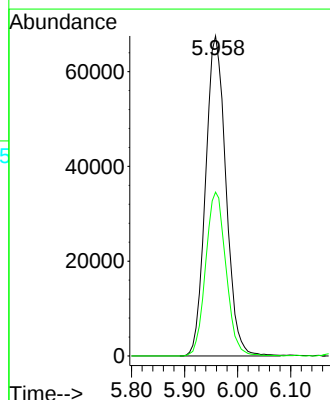
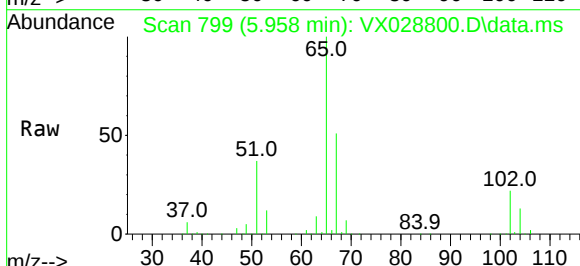
Acq: 18 May 2022 12:59

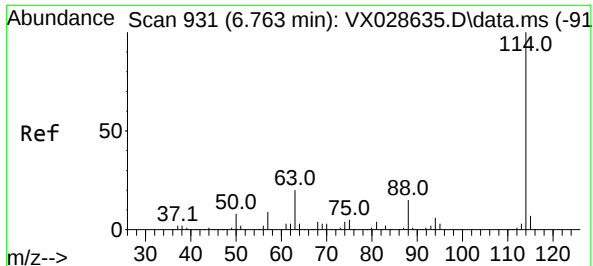
Tgt Ion: 65 Resp: 180109

Ion Ratio Lower Upper

65 100

67 51.2 0.0 107.4

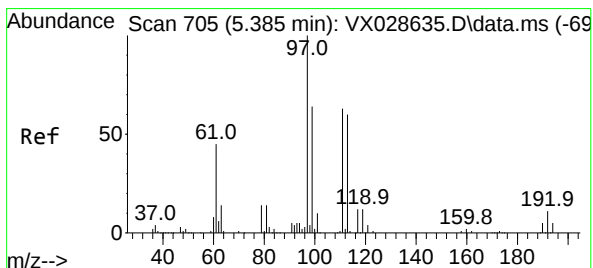
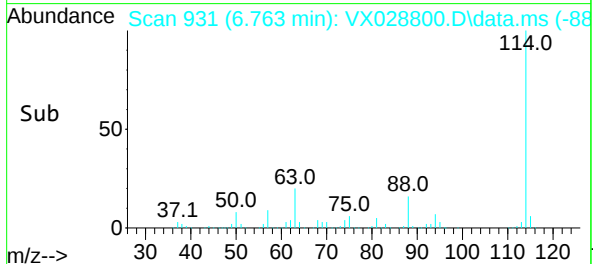
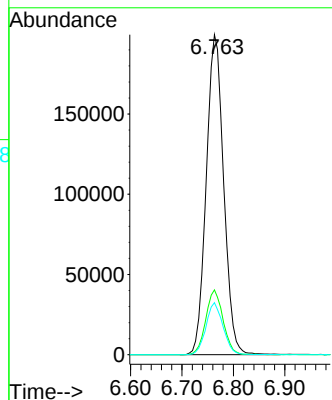
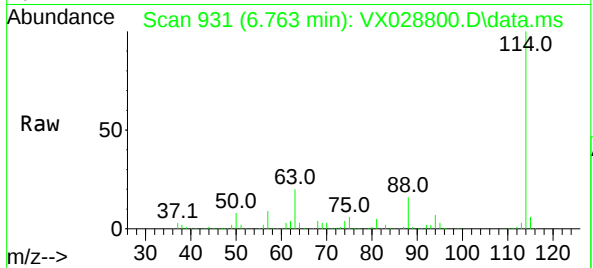




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

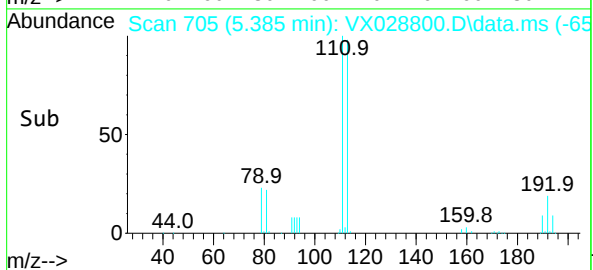
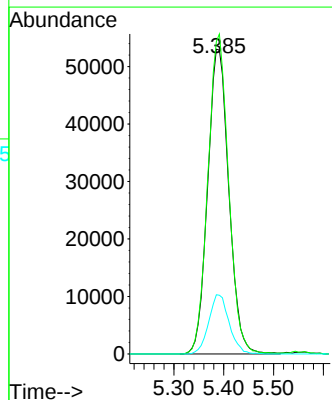
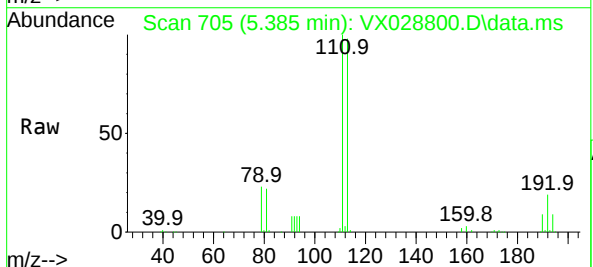
Instrument :  
MSVOA\_X  
ClientSampleId :  
31767DL

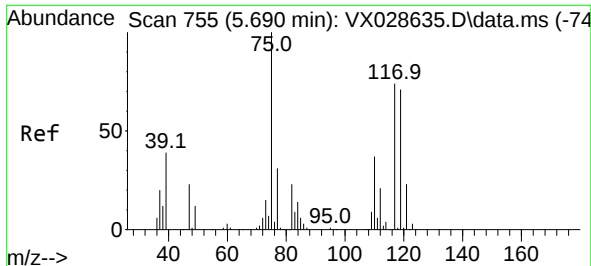
Tgt Ion:114 Resp: 469399  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 36.8  
88 16.3 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 50.967 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

Tgt Ion:113 Resp: 156747  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.8 124.2  
192 18.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.703 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX028800.D

Acq: 18 May 2022 12:59

Instrument :

MSVOA\_X

ClientSampleId :

31767DL

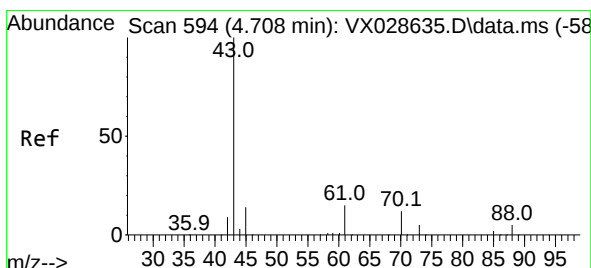
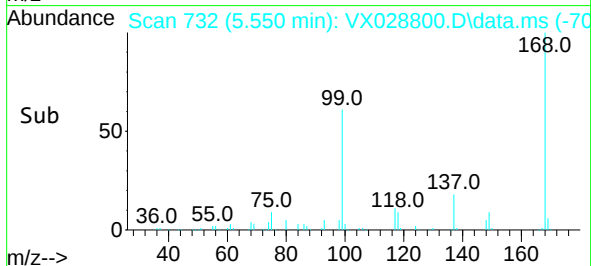
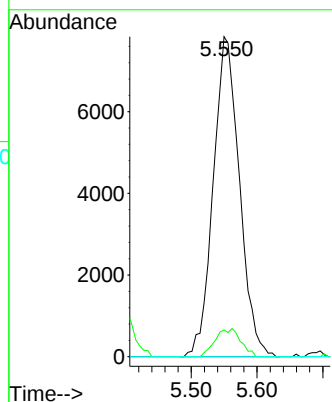
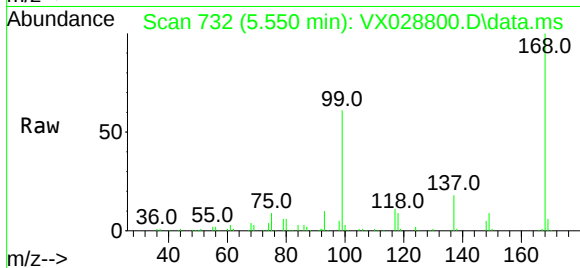
Tgt Ion: 75 Resp: 21724

Ion Ratio Lower Upper

75 100

110 8.5 18.3 54.8#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 1.775 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.146 min

Lab File: VX028800.D

Acq: 18 May 2022 12:59

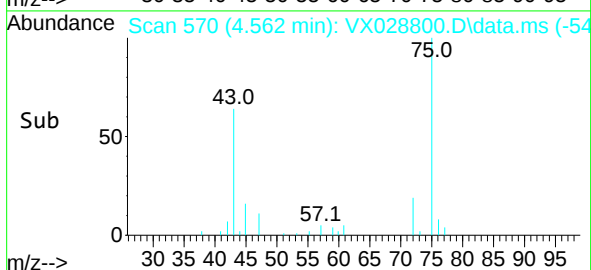
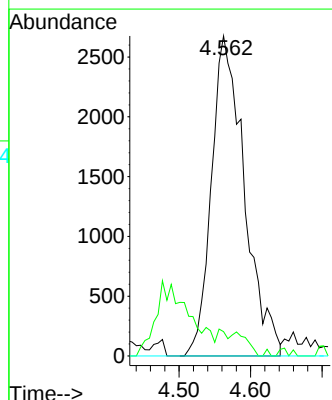
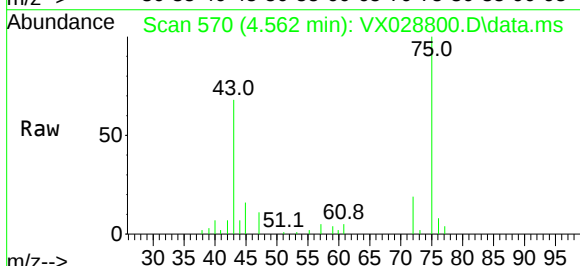
Tgt Ion: 43 Resp: 8566

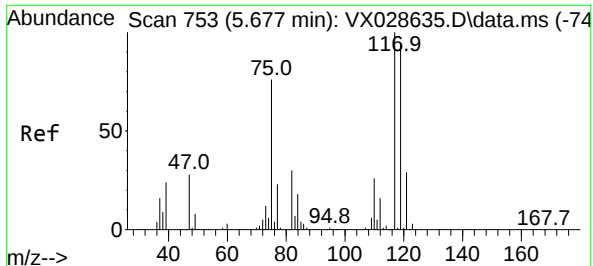
Ion Ratio Lower Upper

43 100

61 1.0 12.6 19.0#

70 0.0 10.2 15.2#

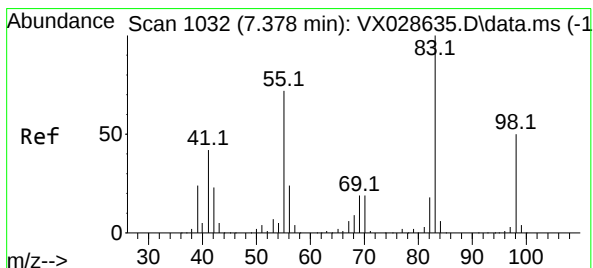
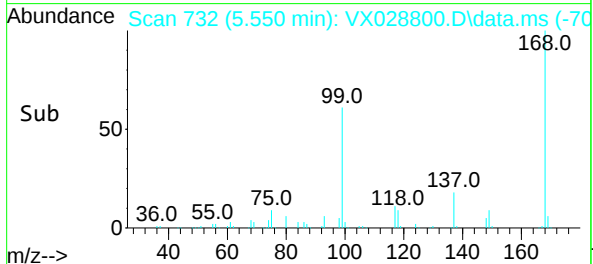
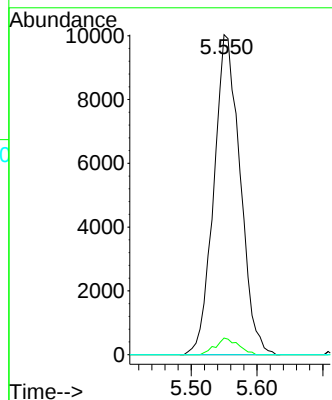
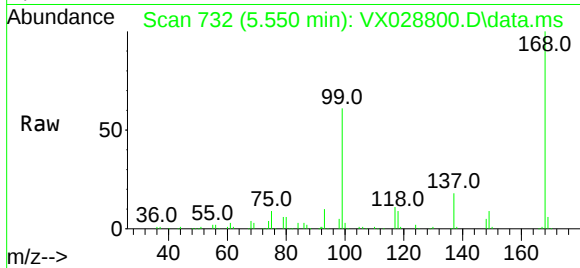




#38  
Carbon Tetrachloride  
Concen: 6.007 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.127 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

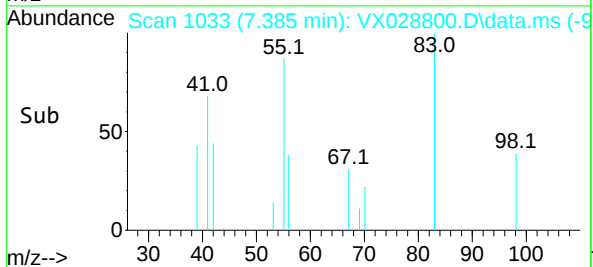
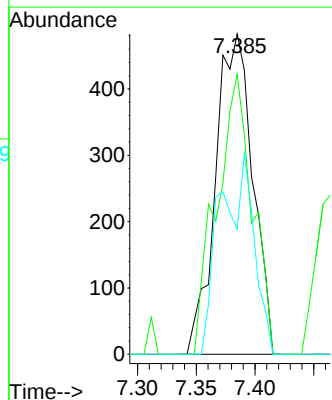
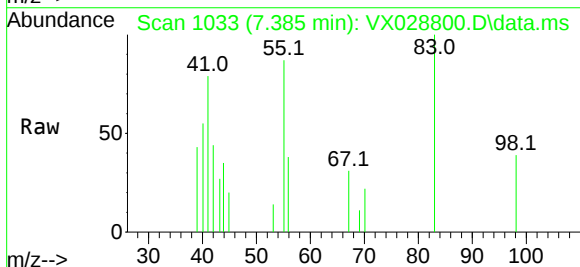
Instrument :  
MSVOA\_X  
ClientSampleId :  
31767DL

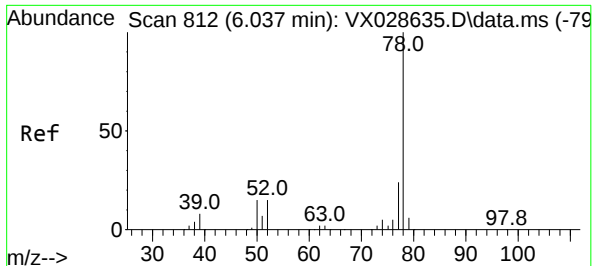
Tgt Ion:117 Resp: 27924  
Ion Ratio Lower Upper  
117 100  
119 5.2 77.3 115.9#  
121 0.0 24.2 36.2#



#39  
Methylcyclohexane  
Concen: 0.201 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. 0.007 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

Tgt Ion: 83 Resp: 1064  
Ion Ratio Lower Upper  
83 100  
55 87.4 54.6 81.8#  
98 39.1 37.4 56.2





#40

Benzene

Concen: 22.110 ug/l

RT: 6.044 min Scan# 812

Delta R.T. 0.007 min

Lab File: VX028800.D

Acq: 18 May 2022 12:59

Instrument :

MSVOA\_X

ClientSampleId :

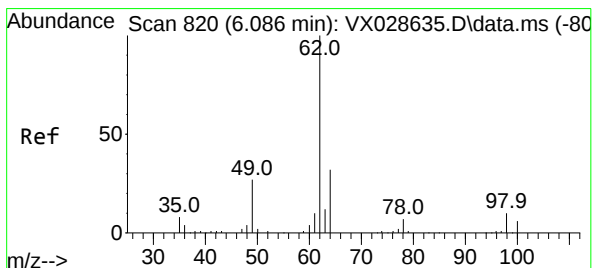
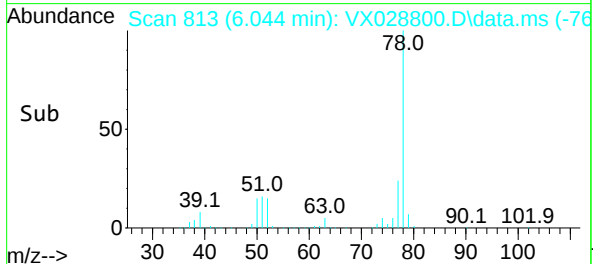
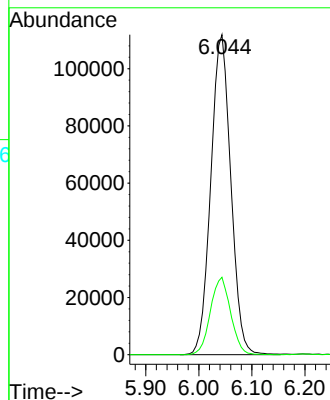
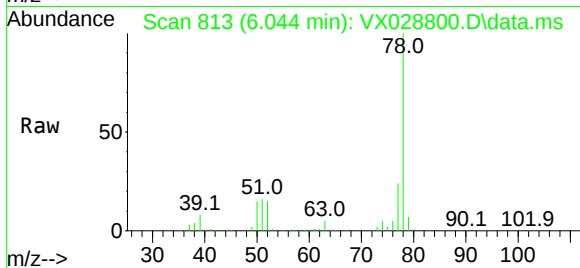
31767DL

Tgt Ion: 78 Resp: 293523

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9



#42

1,2-Dichloroethane

Concen: 0.691 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.049 min

Lab File: VX028800.D

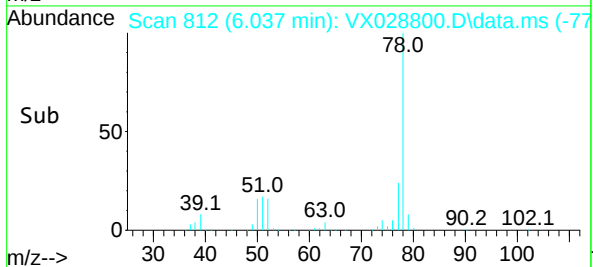
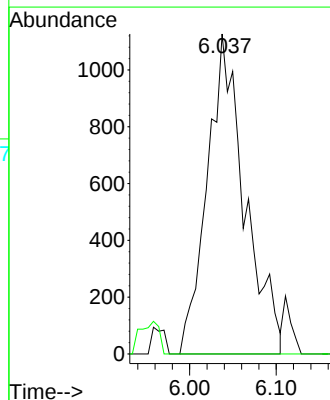
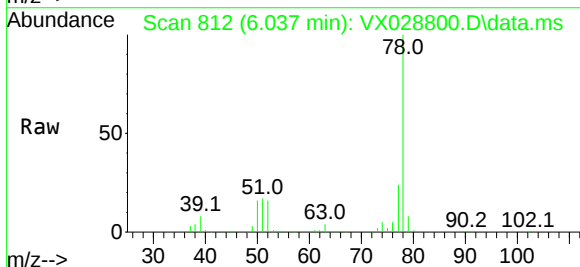
Acq: 18 May 2022 12:59

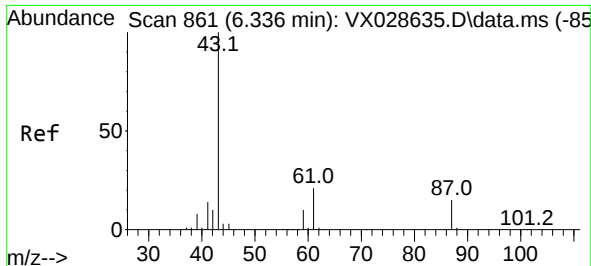
Tgt Ion: 62 Resp: 3382

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.4

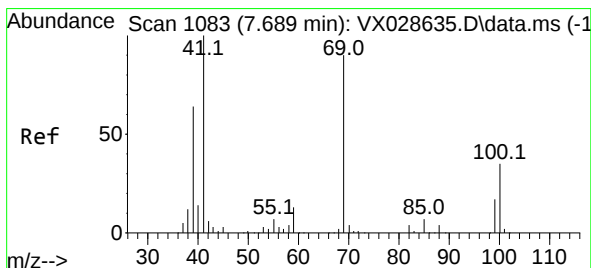
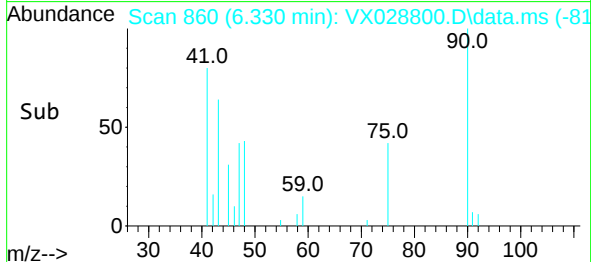
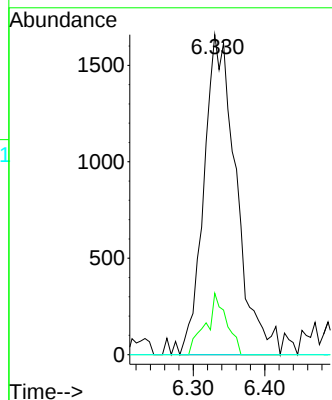
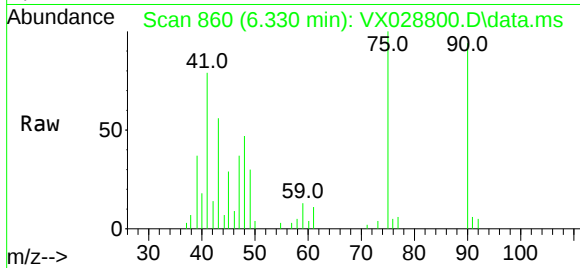




#43  
Isopropyl Acetate  
Concen: 0.689 ug/l  
RT: 6.330 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

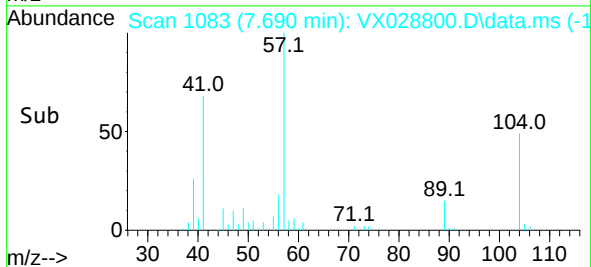
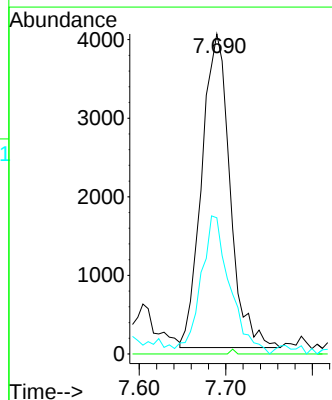
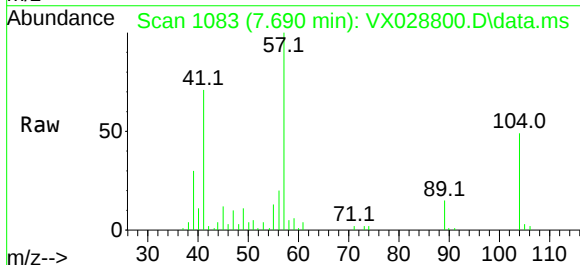
Instrument :  
MSVOA\_X  
ClientSampleId :  
31767DL

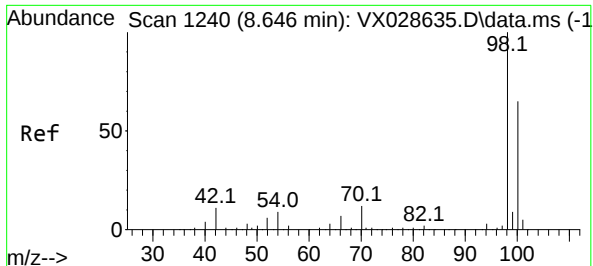
Tgt Ion: 43 Resp: 5198  
Ion Ratio Lower Upper  
43 100  
61 12.4 18.5 27.7#  
87 0.0 13.0 19.6#



#48  
Methyl methacrylate  
Concen: 2.479 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.001 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

Tgt Ion: 41 Resp: 9040  
Ion Ratio Lower Upper  
41 100  
69 0.0 82.5 123.7#  
39 45.5 43.8 65.8

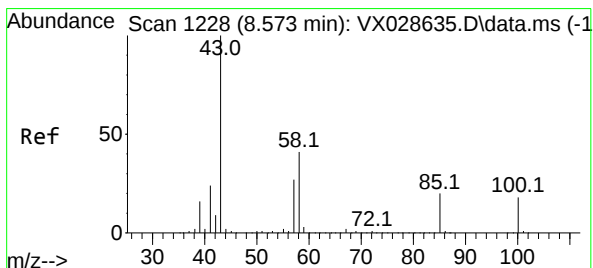
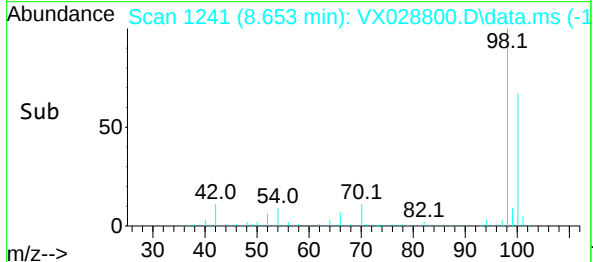
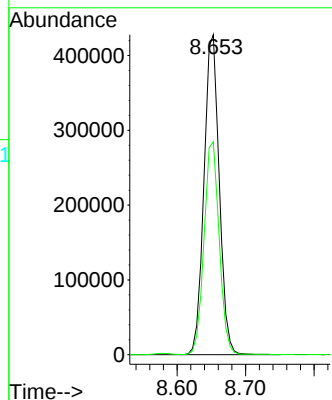
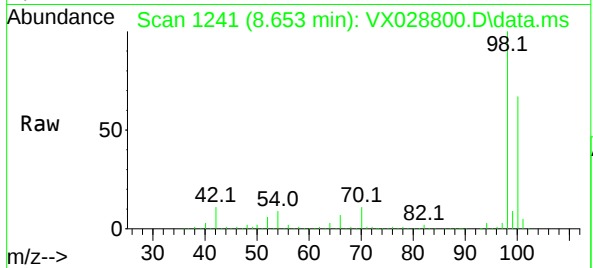




#50  
Toluene-d8  
Concen: 57.217 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

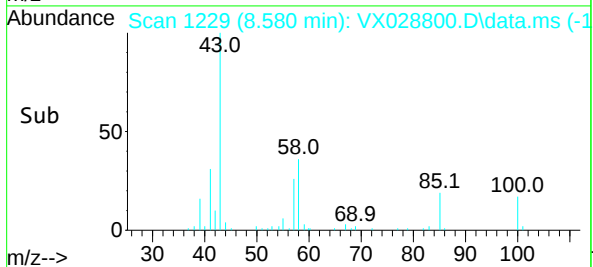
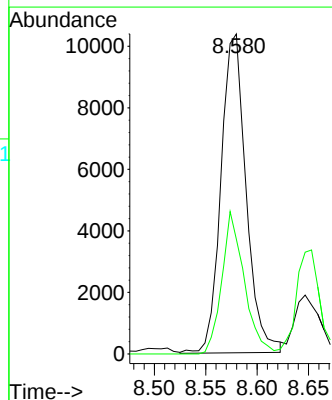
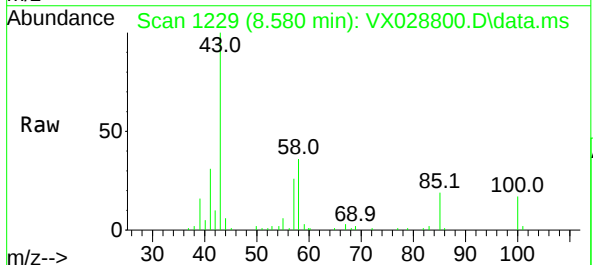
Instrument :  
MSVOA\_X  
ClientSampleId :  
31767DL

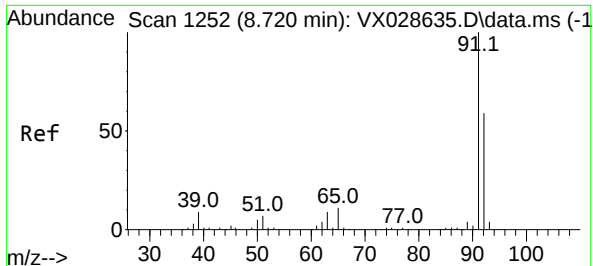
Tgt Ion: 98 Resp: 663434  
Ion Ratio Lower Upper  
98 100  
100 66.2 52.6 78.8



#51  
4-Methyl-2-Pentanone  
Concen: 3.545 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. 0.007 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

Tgt Ion: 43 Resp: 17626  
Ion Ratio Lower Upper  
43 100  
58 39.7 36.1 54.1

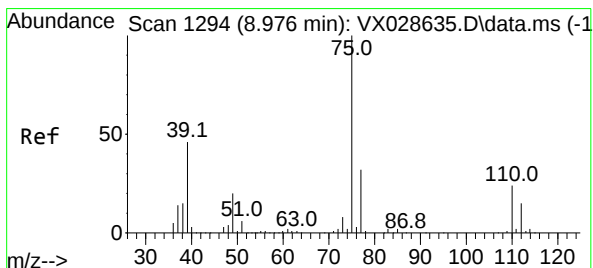
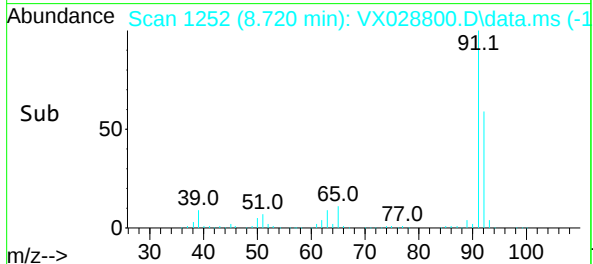
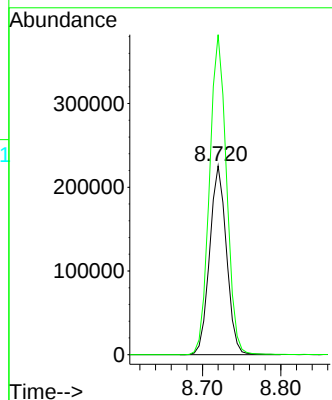
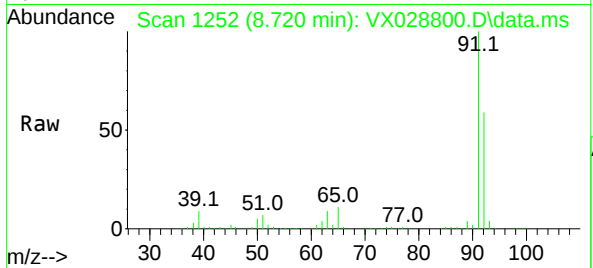




#52  
Toluene  
Concen: 39.356 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

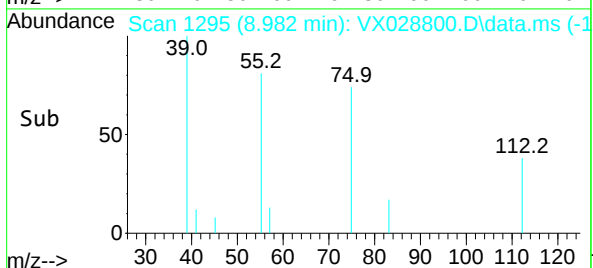
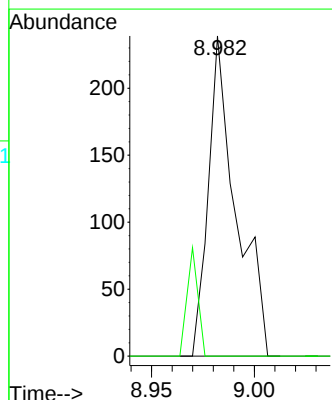
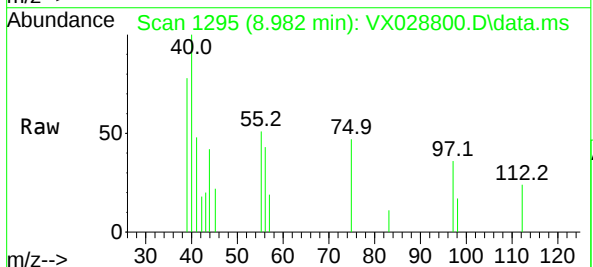
Instrument :  
MSVOA\_X  
ClientSampleId :  
31767DL

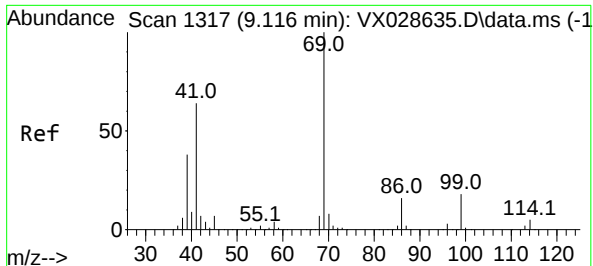
Tgt Ion: 92 Resp: 336094  
Ion Ratio Lower Upper  
92 100  
91 171.3 137.5 206.3



#53  
t-1,3-Dichloropropene  
Concen: 1.682 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. 0.006 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

Tgt Ion: 75 Resp: 225  
Ion Ratio Lower Upper  
75 100  
77 0.0 25.4 38.0#





#56

Ethyl methacrylate

Concen: 0.300 ug/l

RT: 9.025 min Scan# 1189

Delta R.T. -0.091 min

Lab File: VX028800.D

Acq: 18 May 2022 12:59

Instrument :

MSVOA\_X

ClientSampleId :

31767DL

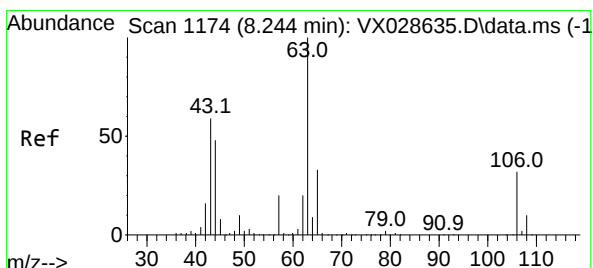
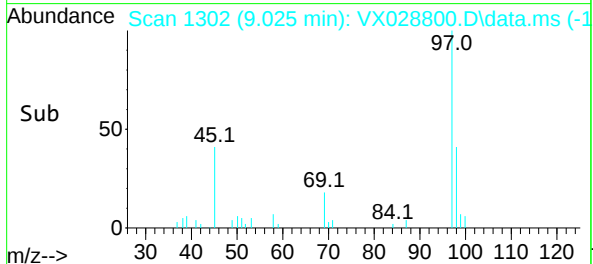
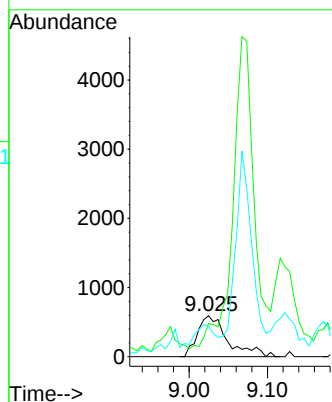
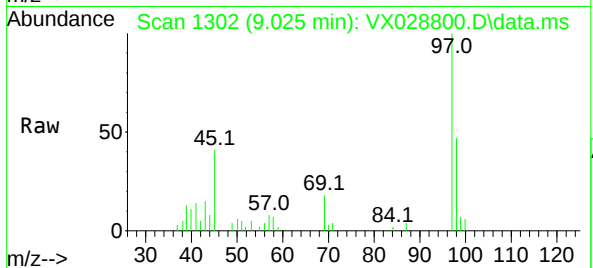
Tgt Ion: 69 Resp: 1584

Ion Ratio Lower Upper

69 100

41 0.0 43.8 65.6#

39 41.0 22.2 33.2#



#58

2-Chloroethyl Vinyl ether

Concen: 0.314 ug/l

RT: 8.336 min Scan# 1189

Delta R.T. 0.092 min

Lab File: VX028800.D

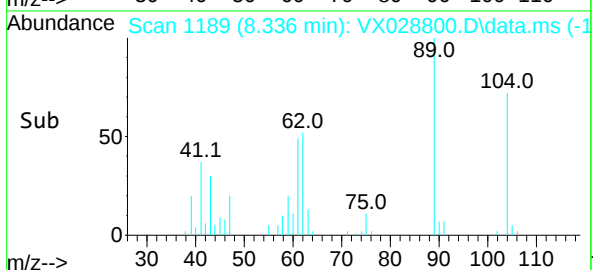
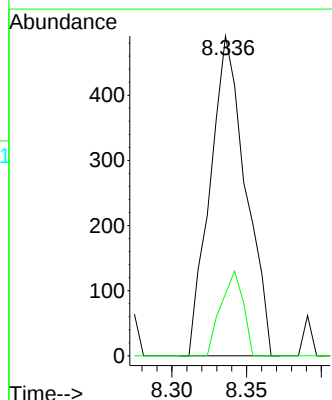
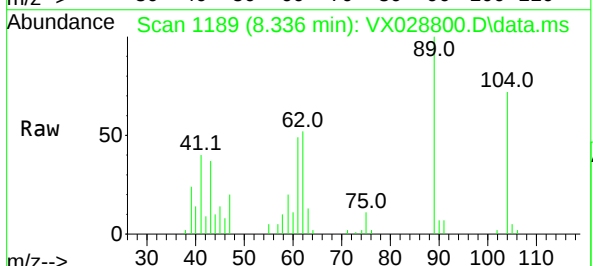
Acq: 18 May 2022 12:59

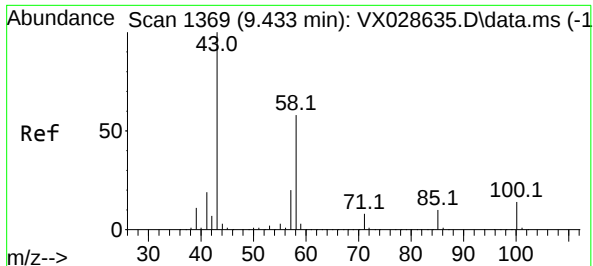
Tgt Ion: 63 Resp: 810

Ion Ratio Lower Upper

63 100

106 16.5 23.9 35.9#

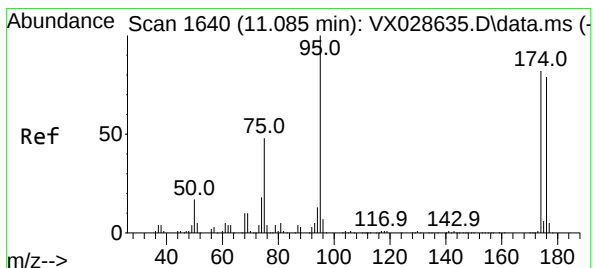
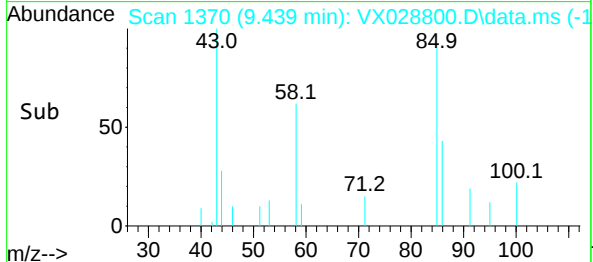
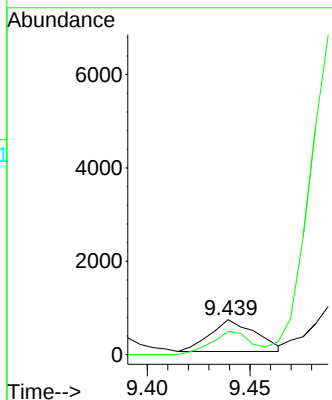
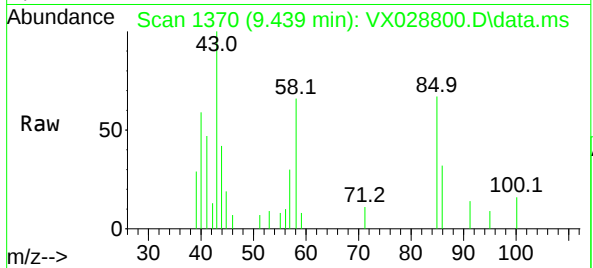




#59  
2-Hexanone  
Concen: 0.272 ug/l  
RT: 9.439 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

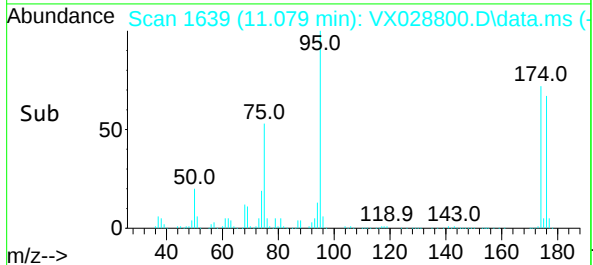
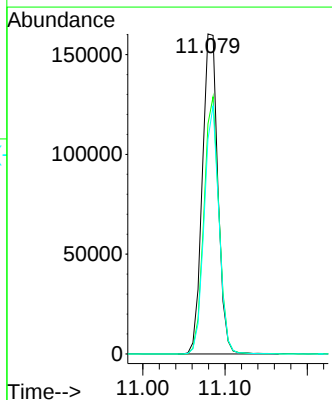
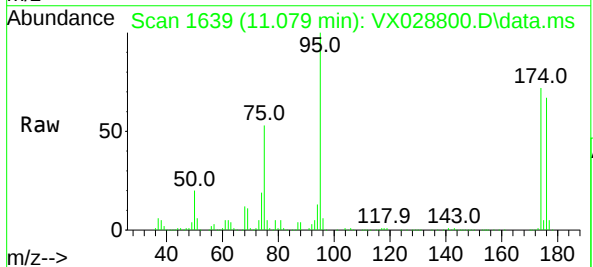
Instrument :  
MSVOA\_X  
ClientSampleId :  
31767DL

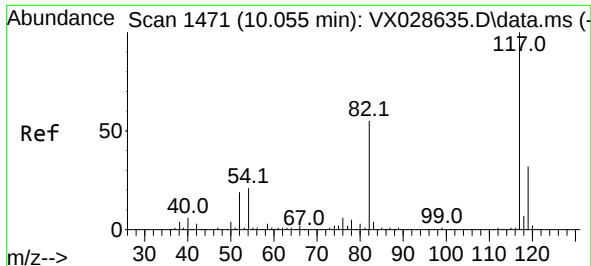
Tgt Ion: 43 Resp: 1049  
Ion Ratio Lower Upper  
43 100  
58 65.7 31.9 95.7



#62  
4-Bromofluorobenzene  
Concen: 48.666 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

Tgt Ion: 95 Resp: 210761  
Ion Ratio Lower Upper  
95 100  
174 77.6 0.0 163.0  
176 73.8 0.0 155.0

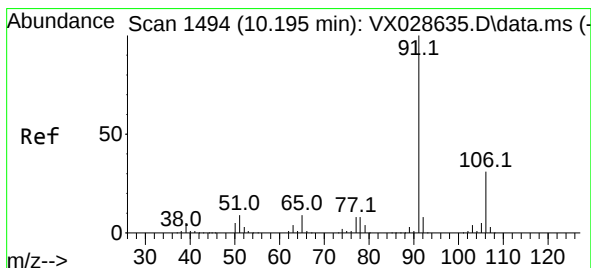
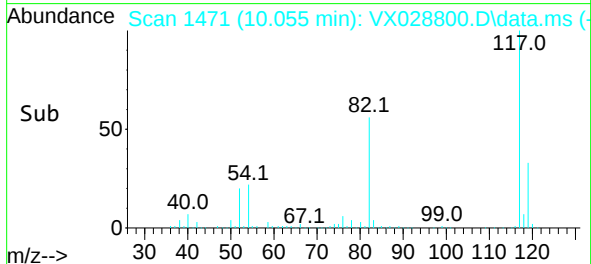
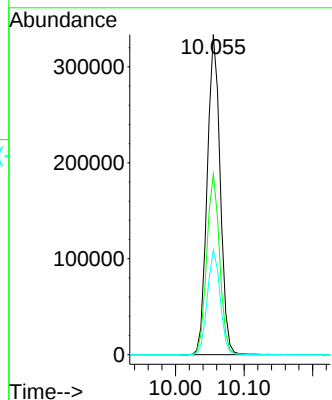
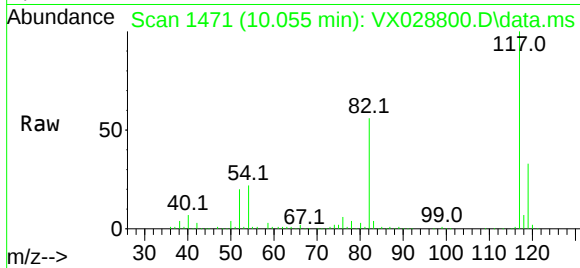




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

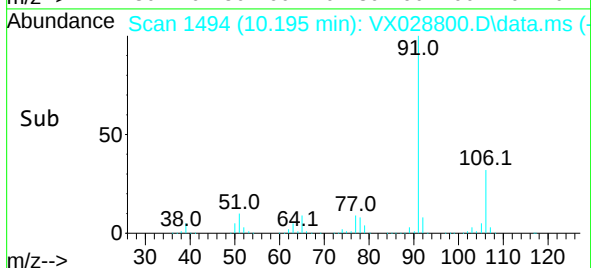
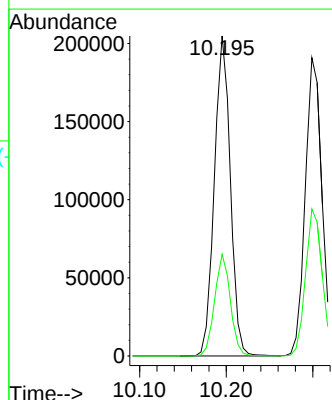
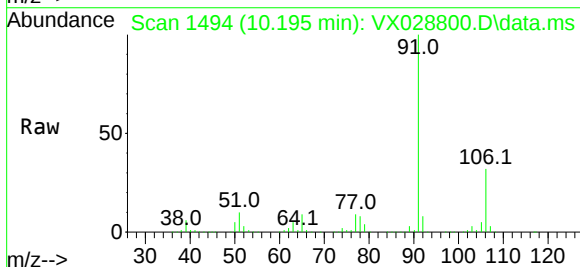
Instrument :  
MSVOA\_X  
ClientSampleId :  
31767DL

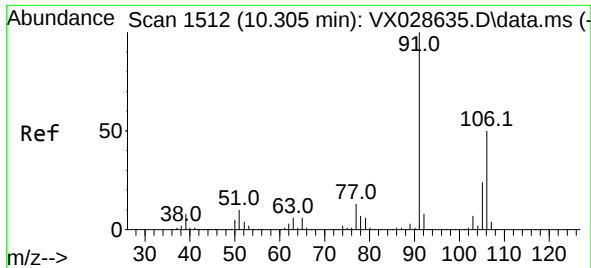
Tgt Ion:117 Resp: 439883  
Ion Ratio Lower Upper  
117 100  
82 56.5 41.8 62.8  
119 32.6 24.8 37.2



#67  
Ethyl Benzene  
Concen: 15.718 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

Tgt Ion: 91 Resp: 262904  
Ion Ratio Lower Upper  
91 100  
106 31.8 24.6 36.8

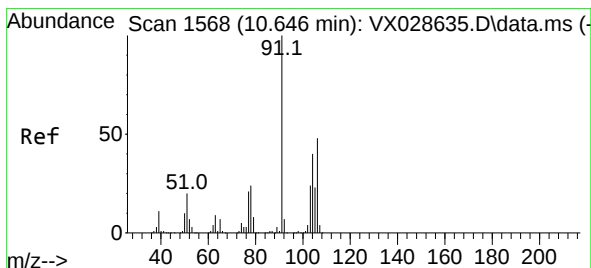
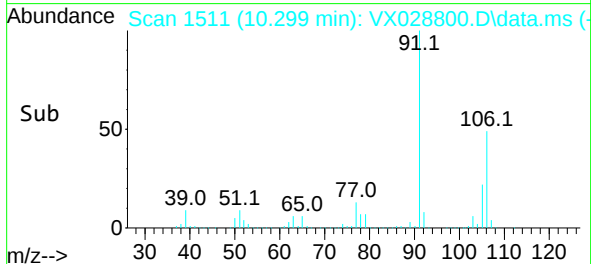
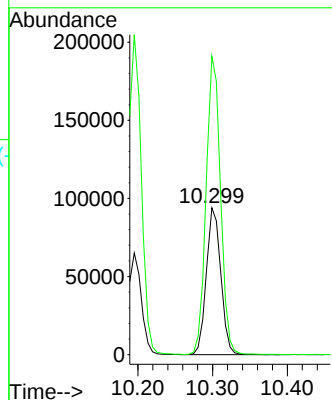
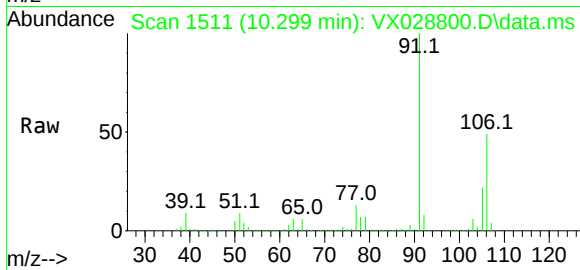




#68  
m/p-Xylenes  
Concen: 19.359 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.006 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

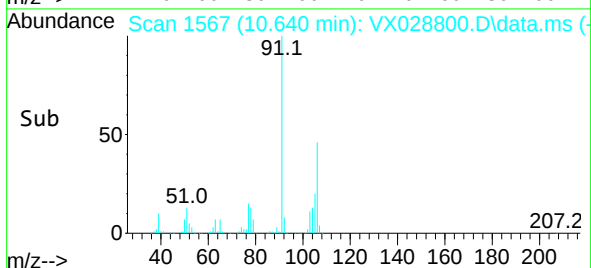
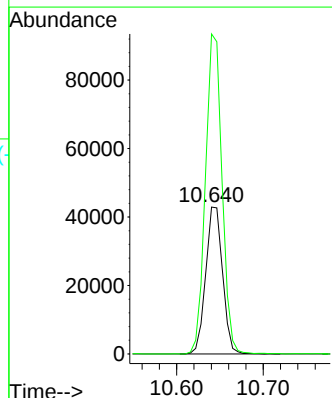
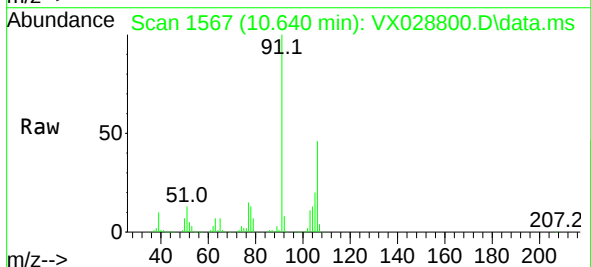
Instrument :  
MSVOA\_X  
ClientSampleId :  
31767DL

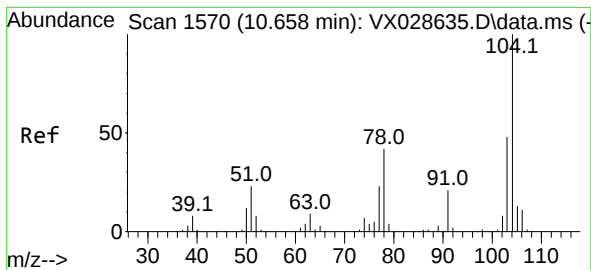
Tgt Ion:106 Resp: 126064  
Ion Ratio Lower Upper  
106 100  
91 202.7 160.4 240.6



#69  
o-Xylene  
Concen: 9.051 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.006 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

Tgt Ion:106 Resp: 58028  
Ion Ratio Lower Upper  
106 100  
91 214.8 106.1 318.1





#70

Styrene

Concen: 10.312 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX028800.D

Acq: 18 May 2022 12:59

Instrument :

MSVOA\_X

ClientSampleId :

31767DL

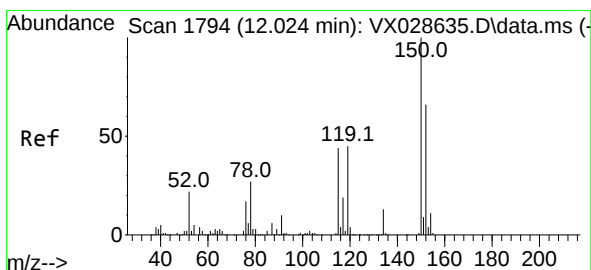
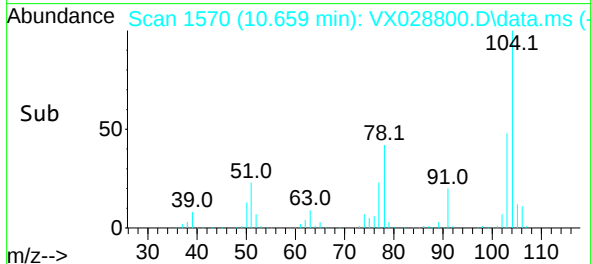
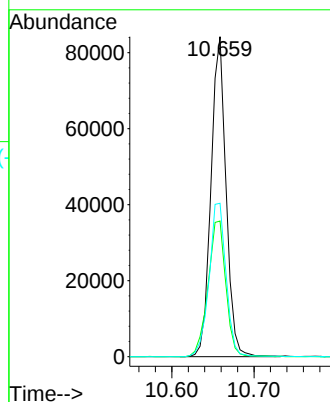
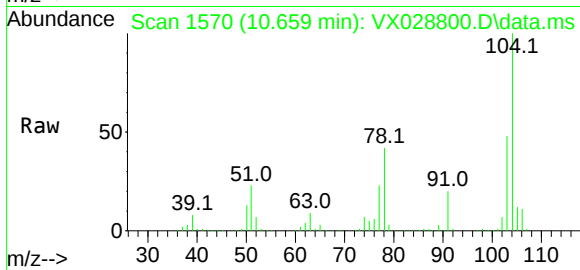
Tgt Ion:104 Resp: 107370

Ion Ratio Lower Upper

104 100

78 50.1 38.6 57.8

103 54.2 43.8 65.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028800.D

Acq: 18 May 2022 12:59

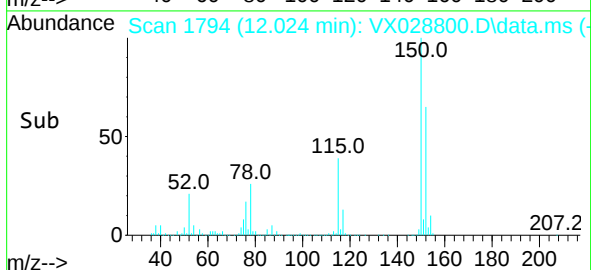
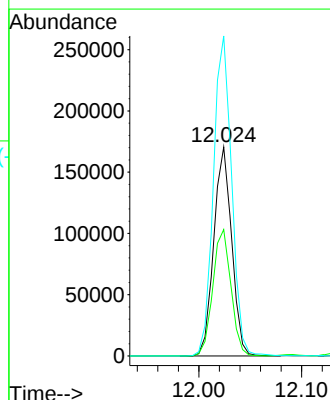
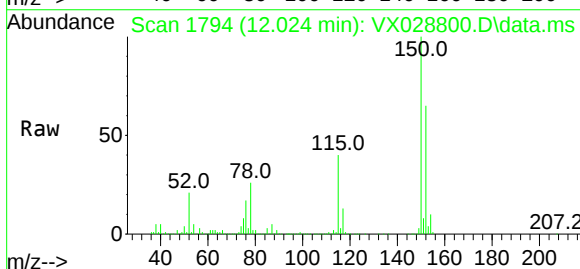
Tgt Ion:152 Resp: 206193

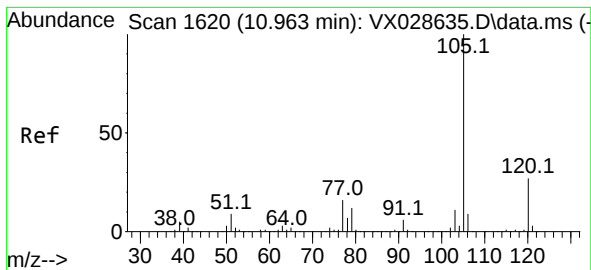
Ion Ratio Lower Upper

152 100

115 61.5 37.5 112.7

150 156.4 0.0 338.2





#73

Isopropylbenzene

Concen: 0.567 ug/l

RT: 10.963 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX028800.D

Acq: 18 May 2022 12:59

Instrument :

MSVOA\_X

ClientSampleId :

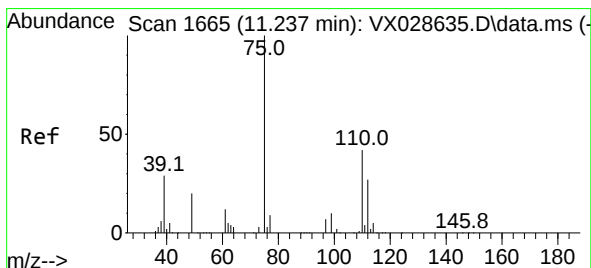
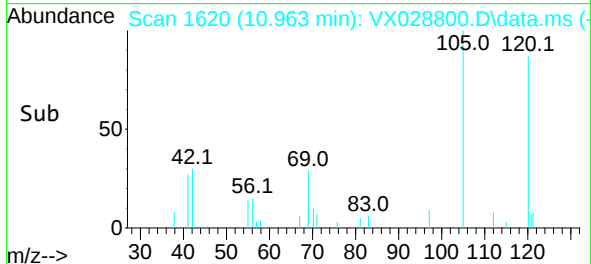
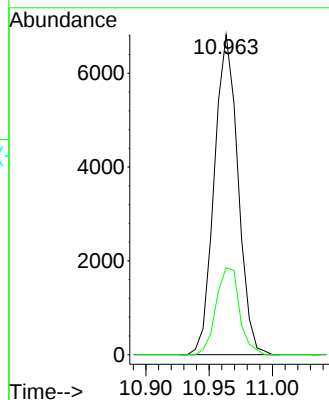
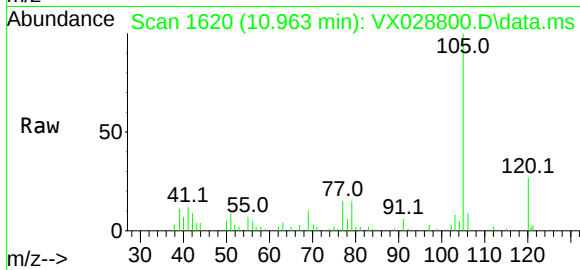
31767DL

Tgt Ion:105 Resp: 8863

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#76

1,2,3-Trichloropropane

Concen: 23.189 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX028800.D

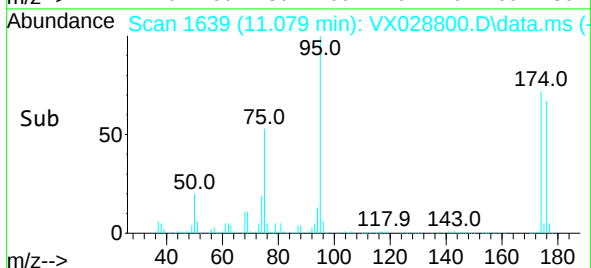
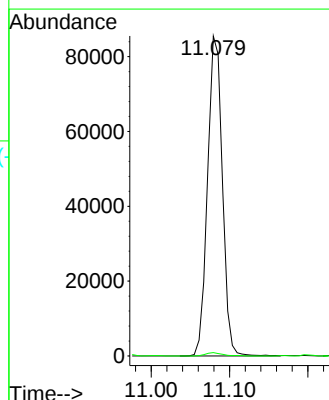
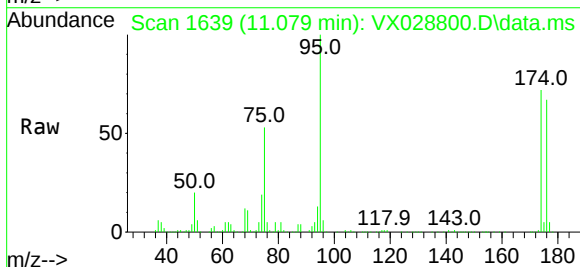
Acq: 18 May 2022 12:59

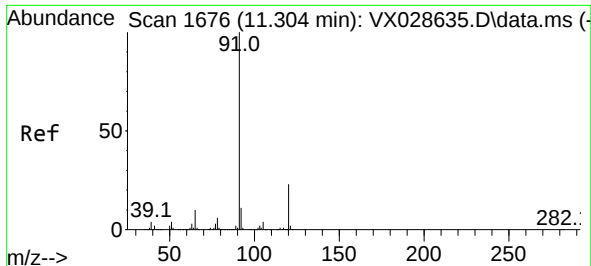
Tgt Ion: 75 Resp: 111974

Ion Ratio Lower Upper

75 100

77 1.2 19.4 58.2#

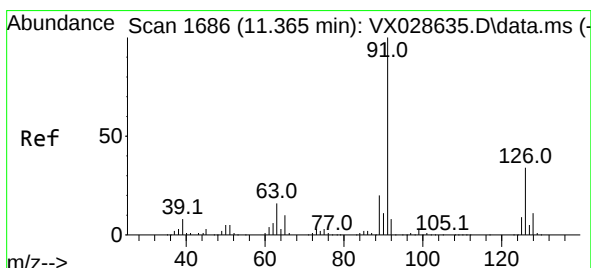
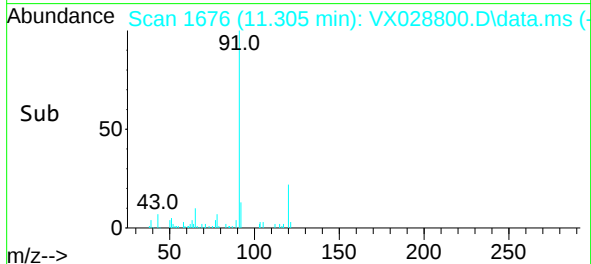
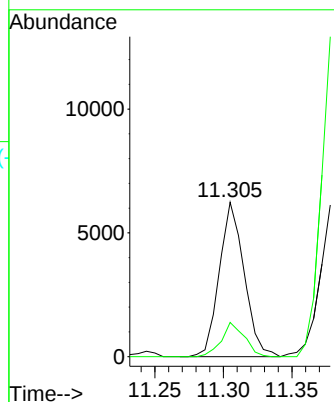
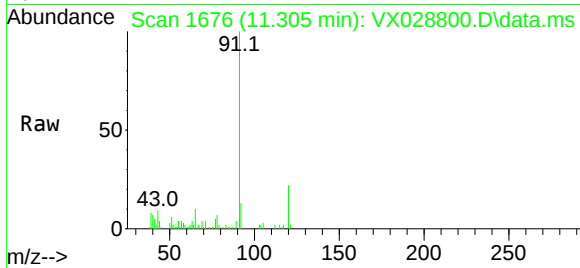




#78  
n-propylbenzene  
Concen: 0.436 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.001 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

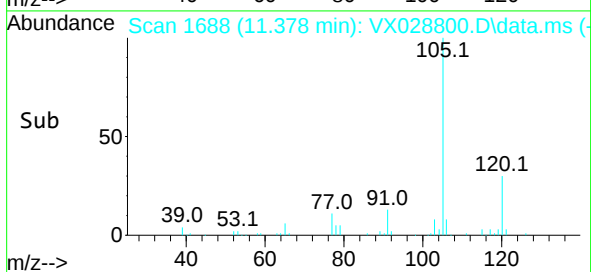
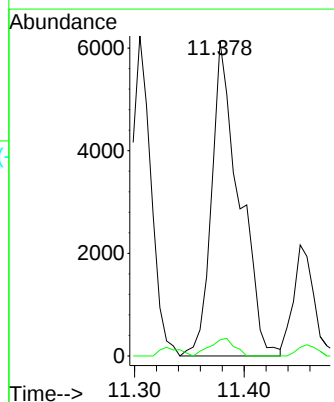
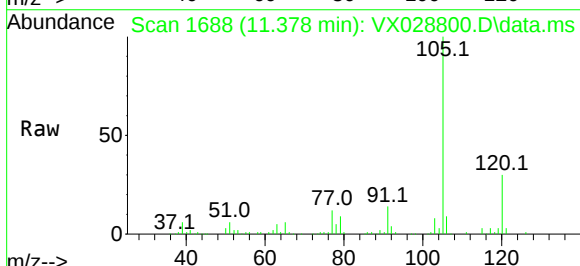
Instrument :  
MSVOA\_X  
ClientSampleId :  
31767DL

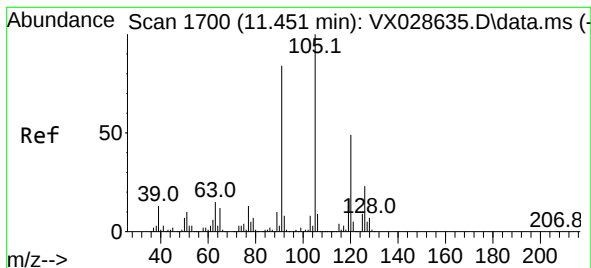
Tgt Ion: 91 Resp: 7878  
Ion Ratio Lower Upper  
91 100  
120 20.5 11.6 34.8



#79  
2-Chlorotoluene  
Concen: 0.971 ug/l  
RT: 11.378 min Scan# 1688  
Delta R.T. 0.013 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

Tgt Ion: 91 Resp: 10763  
Ion Ratio Lower Upper  
91 100  
126 4.9 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 1.353 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028800.D

Acq: 18 May 2022 12:59

Instrument :

MSVOA\_X

ClientSampleId :

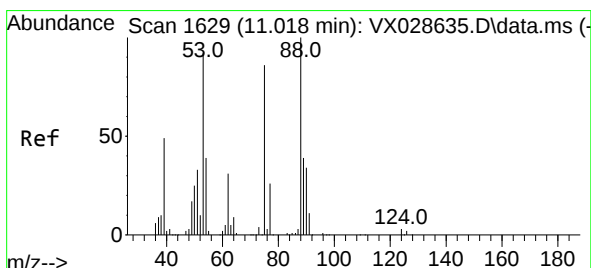
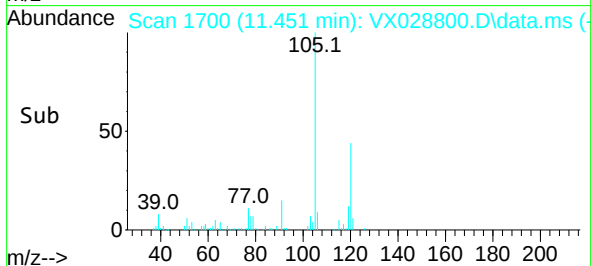
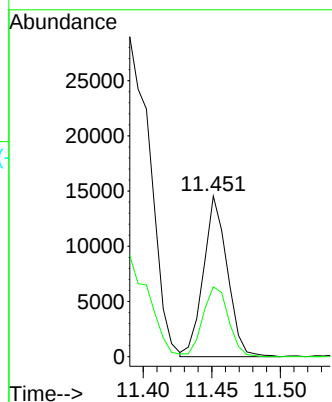
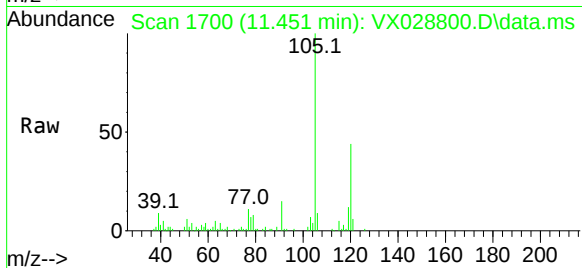
31767DL

Tgt Ion:105 Resp: 17623

Ion Ratio Lower Upper

105 100

120 46.6 24.3 72.9



#81

trans-1,4-Dichloro-2-butene

Concen: 67.693 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX028800.D

Acq: 18 May 2022 12:59

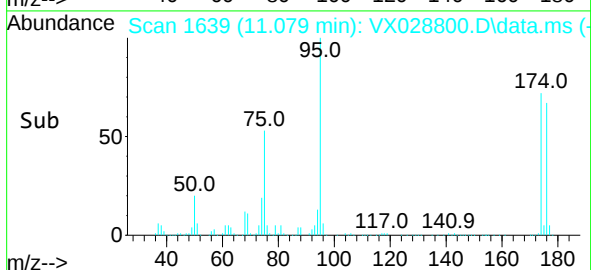
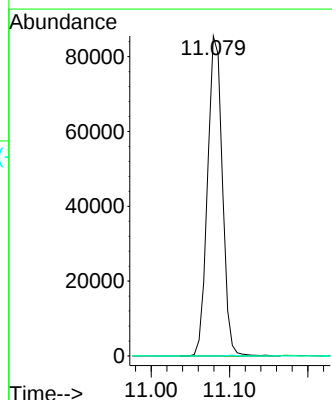
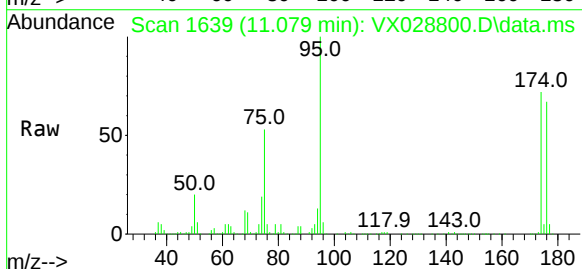
Tgt Ion: 75 Resp: 111974

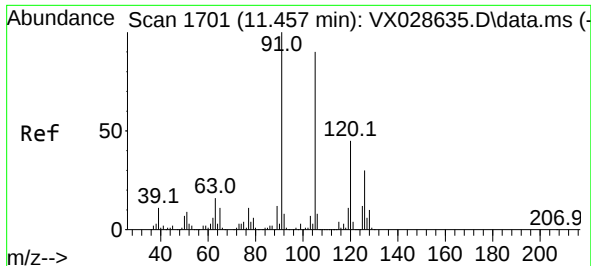
Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#

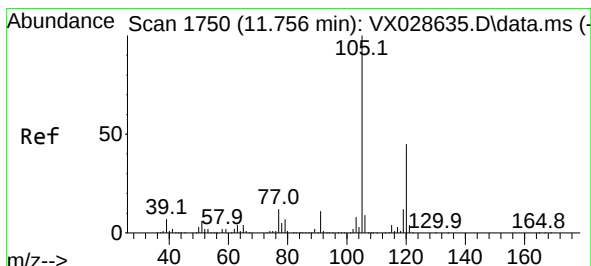
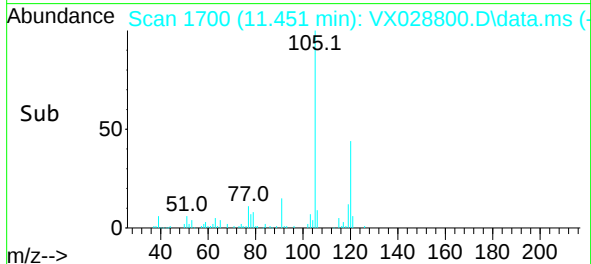
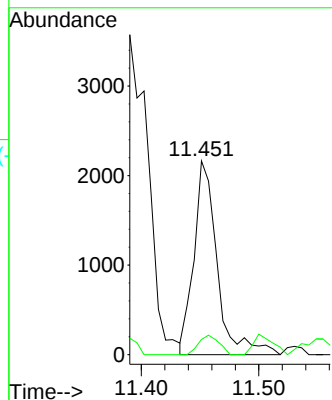
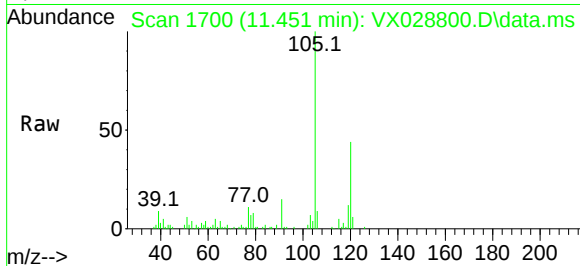




#82  
4-Chlorotoluene  
Concen: 0.233 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

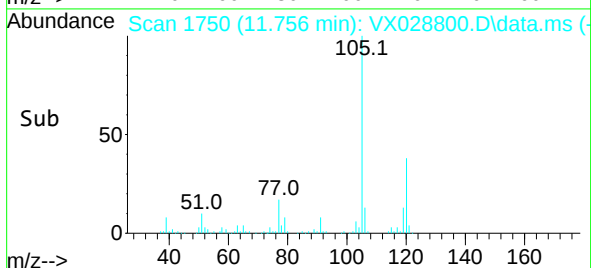
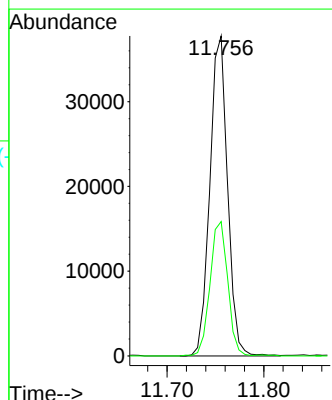
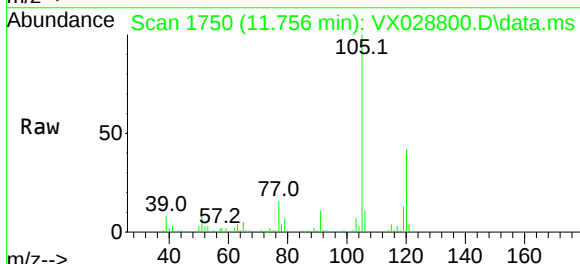
Instrument :  
MSVOA\_X  
ClientSampleId :  
31767DL

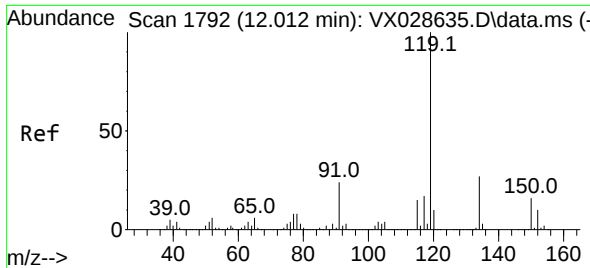
Tgt Ion: 91 Resp: 2986  
Ion Ratio Lower Upper  
91 100  
126 8.8 14.9 44.5#



#84  
1,2,4-Trimethylbenzene  
Concen: 3.675 ug/l  
RT: 11.756 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

Tgt Ion: 105 Resp: 48022  
Ion Ratio Lower Upper  
105 100  
120 42.1 22.6 67.8

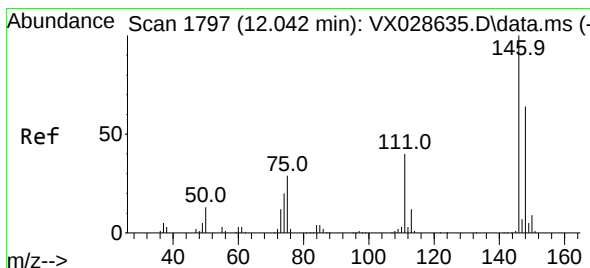
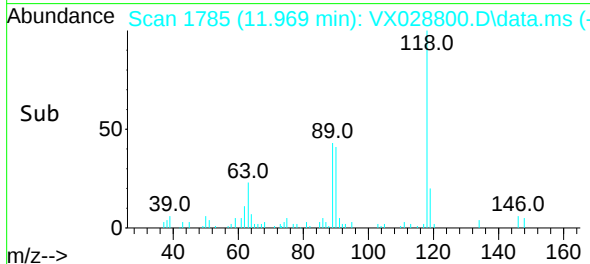
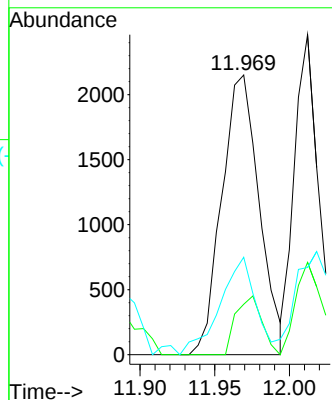
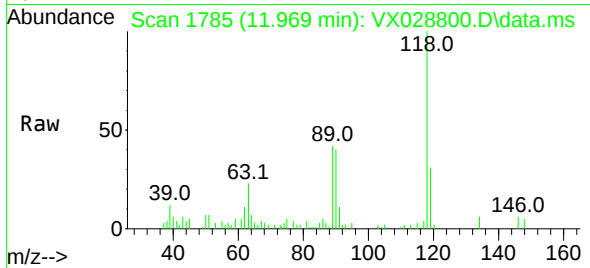




#86  
p-Isopropyltoluene  
Concen: 0.287 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.043 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

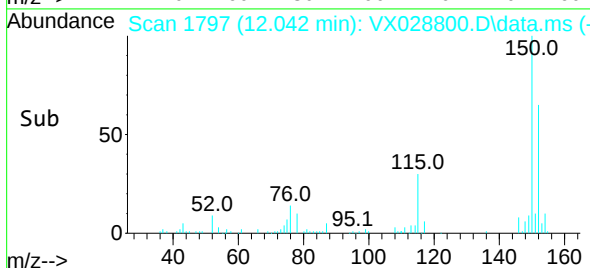
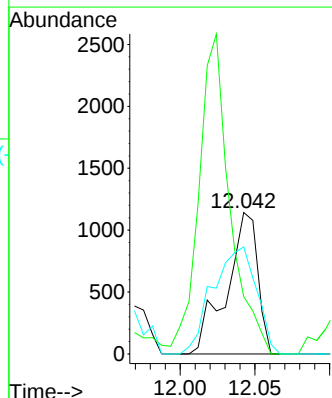
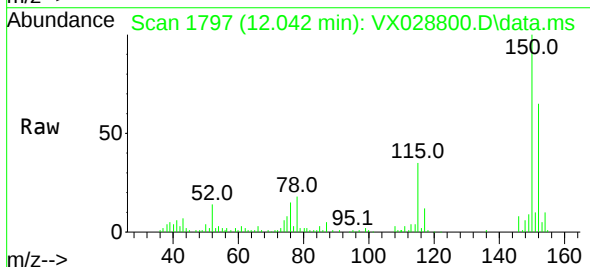
Instrument :  
MSVOA\_X  
ClientSampleId :  
31767DL

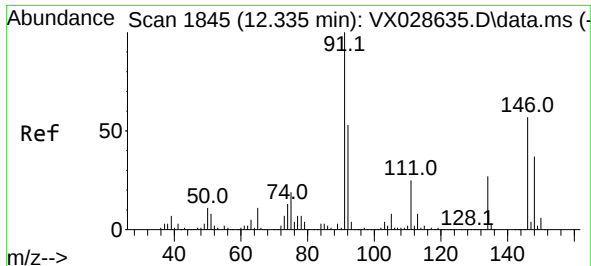
Tgt Ion:119 Resp: 3742  
Ion Ratio Lower Upper  
119 100  
134 14.5 13.0 39.0  
91 26.6 11.3 33.9



#88  
1,4-Dichlorobenzene  
Concen: 0.219 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

Tgt Ion:146 Resp: 1652  
Ion Ratio Lower Upper  
146 100  
111 223.8 19.2 57.6#  
148 106.1 32.3 96.9#

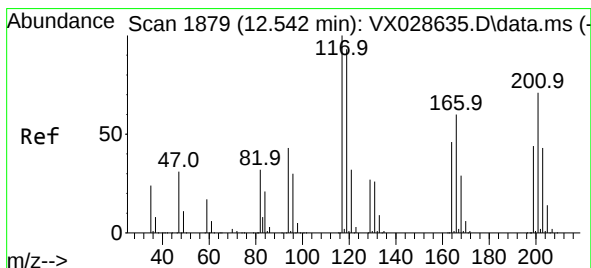
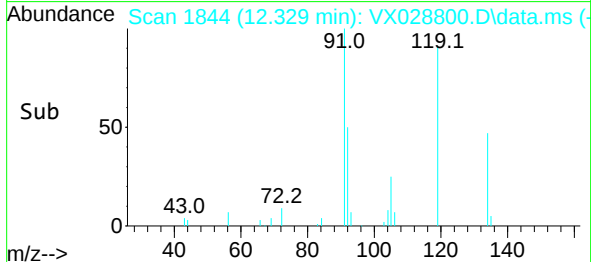
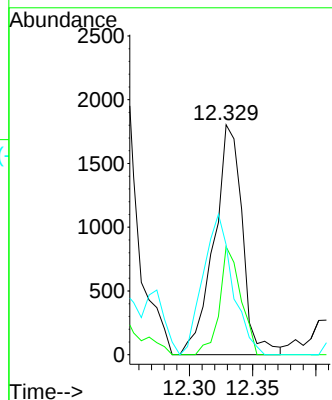
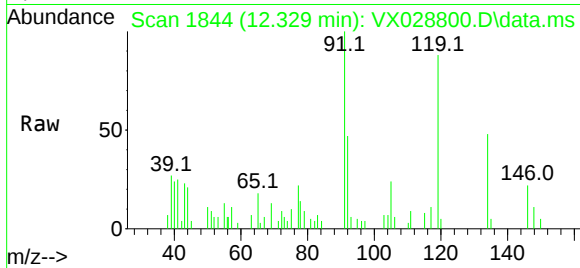




#89  
n-Butylbenzene  
Concen: 0.249 ug/l  
RT: 12.329 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

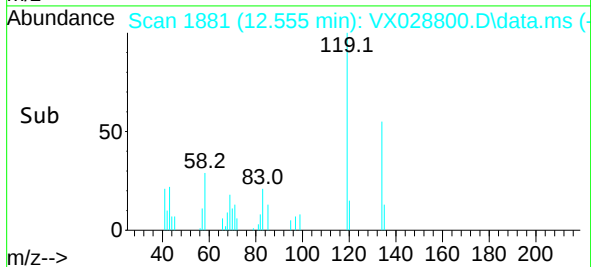
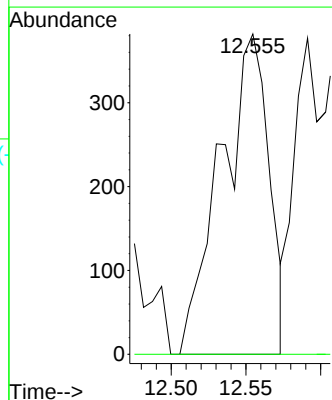
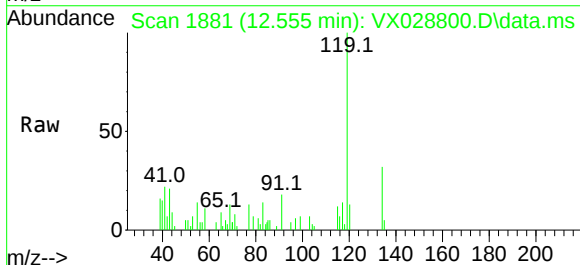
Instrument :  
MSVOA\_X  
ClientSampleId :  
31767DL

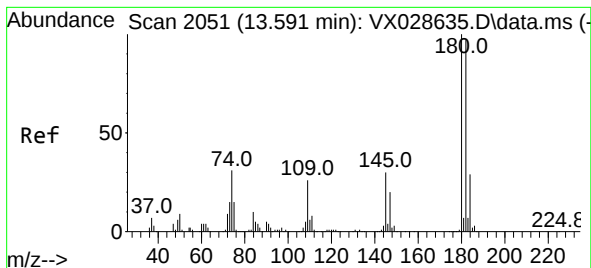
Tgt Ion: 91 Resp: 2812  
Ion Ratio Lower Upper  
91 100  
92 35.1 27.8 83.3  
134 63.8 13.3 39.8#



#90  
Hexachloroethane  
Concen: 0.406 ug/l  
RT: 12.555 min Scan# 1881  
Delta R.T. 0.013 min  
Lab File: VX028800.D  
Acq: 18 May 2022 12:59

Tgt Ion: 117 Resp: 857  
Ion Ratio Lower Upper  
117 100  
201 0.0 39.5 118.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.205 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VX028800.D

Acq: 18 May 2022 12:59

Instrument :

MSVOA\_X

ClientSampleId :

31767DL

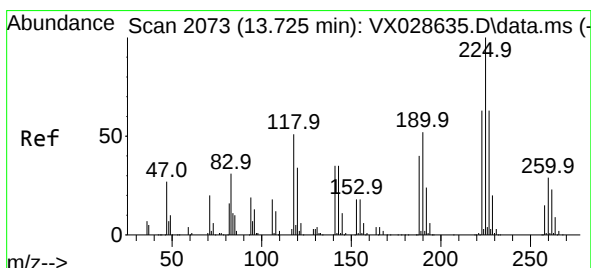
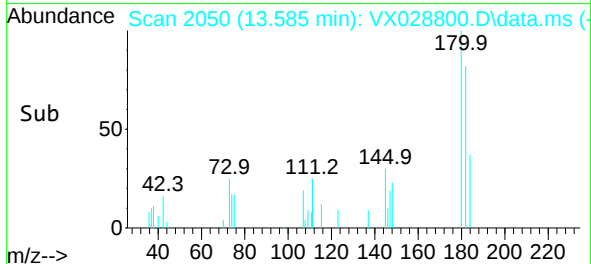
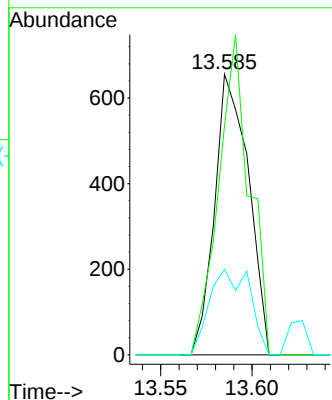
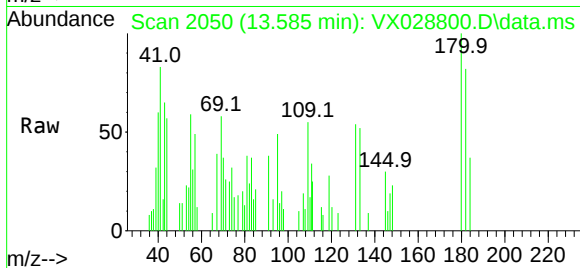
Tgt Ion:180 Resp: 845

Ion Ratio Lower Upper

180 100

182 104.0 47.7 143.1

145 36.2 15.2 45.5



#94

Hexachlorobutadiene

Concen: 0.399 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028800.D

Acq: 18 May 2022 12:59

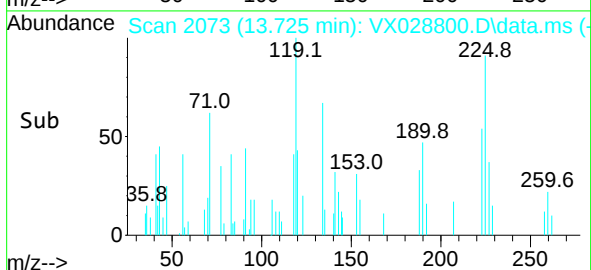
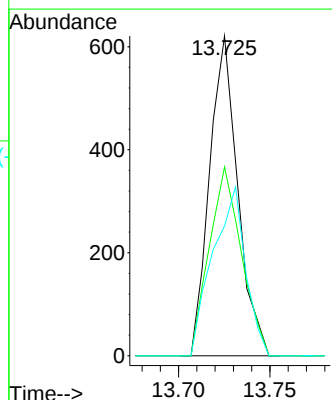
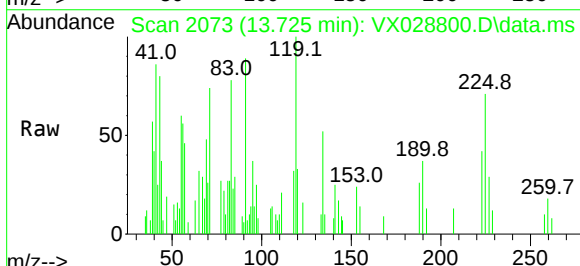
Tgt Ion:225 Resp: 667

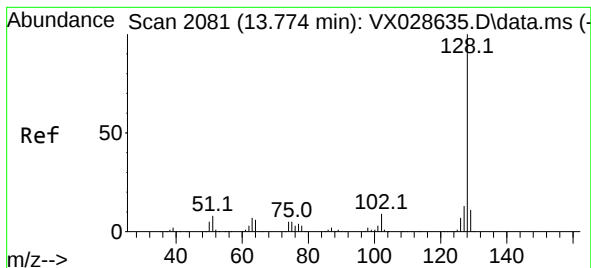
Ion Ratio Lower Upper

225 100

223 67.2 34.2 102.5

227 61.0 33.9 101.7





#95

Naphthalene

Concen: 34.762 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX028800.D

Acq: 18 May 2022 12:59

Instrument :

MSVOA\_X

ClientSampleId :

31767DL

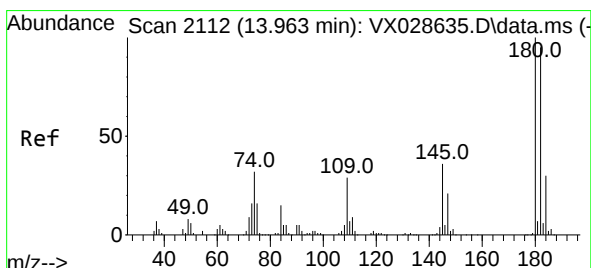
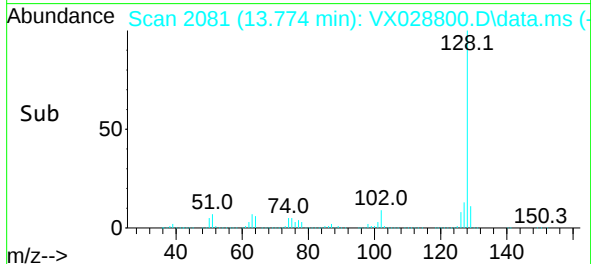
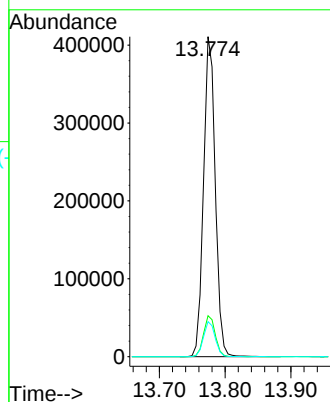
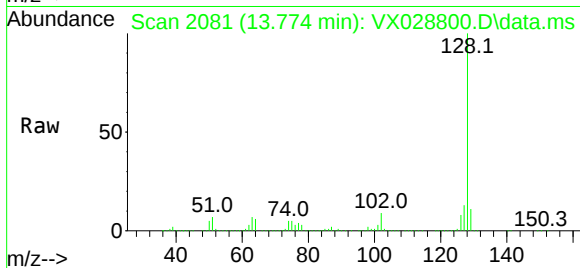
Tgt Ion:128 Resp: 509333

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.219 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX028800.D

Acq: 18 May 2022 12:59

Tgt Ion:180 Resp: 904

Ion Ratio Lower Upper

180 100

182 116.5 50.0 149.8

145 52.2 16.2 48.5#

