

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031523\  
 Data File : VX034520.D  
 Acq On : 15 Mar 2023 19:54  
 Operator : JC/MD  
 Sample : 01907-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 33969

Quant Time: Mar 16 05:23:55 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 13 10:29:32 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 5.550  | 168   | 247187   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763  | 114   | 423555   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 384215   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 184588   | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.952  | 65    | 165587   | 46.047    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery  | =      | 92.100%  |
| 35) Dibromofluoromethane      | 5.385  | 113   | 130705   | 46.739    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery  | =      | 93.480%  |
| 50) Toluene-d8                | 8.647  | 98    | 509410   | 48.796    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery  | =      | 97.600%  |
| 62) 4-Bromofluorobenzene      | 11.079 | 95    | 211395   | 50.132    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery  | =      | 100.260% |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 3) Chloromethane              | 1.307  | 50    | 533      | Below Cal | #      | 75       |
| 11) Tert butyl alcohol        | 2.947  | 59    | 18448    | 24.635    | ug/l # | 73       |
| 13) Acrolein                  | 2.221  | 56    | 618      | 1.043     | ug/l # | 1        |
| 15) Acrylonitrile             | 3.111  | 53    | 1062     | 0.657     | ug/l # | 24       |
| 16) Acetone                   | 2.374  | 43    | 34491    | 20.362    | ug/l   | 93       |
| 19) Methyl tert-butyl Ether   | 3.111  | 73    | 76724    | 7.919     | ug/l   | 98       |
| 20) Methylene Chloride        | 2.788  | 84    | 3730     | 1.135     | ug/l   | 96       |
| 22) Diisopropyl ether         | 3.758  | 45    | 17036    | 1.629     | ug/l # | 76       |
| 23) Vinyl Acetate             | 3.764  | 43    | 8787     | 1.104     | ug/l # | 72       |
| 25) 2-Butanone                | 4.562  | 43    | 7445     | 3.072     | ug/l # | 89       |
| 26) 2,2-Dichloropropane       | 4.550  | 77    | 1332     | 0.273     | ug/l # | 53       |
| 31) Cyclohexane               | 5.465  | 56    | 3535     | 0.701     | ug/l # | 81       |
| 36) 1,1-Dichloropropene       | 5.550  | 75    | 20645    | 4.806     | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 5.550  | 117   | 25001    | 5.851     | ug/l # | 16       |
| 39) Methylcyclohexane         | 7.385  | 83    | 3442     | 0.670     | ug/l # | 86       |
| 40) Benzene                   | 6.038  | 78    | 353502   | 28.133    | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 6.038  | 62    | 3813     | 0.826     | ug/l # | 75       |
| 43) Isopropyl Acetate         | 6.324  | 43    | 2317     | 0.291     | ug/l # | 34       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43    | 1721     | 0.373     | ug/l # | 86       |
| 52) Toluene                   | 8.720  | 92    | 789895   | 101.539   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.714  | 75    | 9486     | 1.951     | ug/l # | 1        |
| 55) 1,1,2-Trichloroethane     | 9.104  | 97    | 926      | 0.300     | ug/l # | 20       |
| 67) Ethyl Benzene             | 10.195 | 91    | 196509   | 13.021    | ug/l   | 96       |
| 68) m/p-Xylenes               | 10.299 | 106   | 430759   | 74.303    | ug/l   | 100      |
| 69) o-Xylene                  | 10.640 | 106   | 376441   | 64.705    | ug/l   | 100      |
| 70) Styrene                   | 10.640 | 104   | 20614    | 2.196     | ug/l # | 1        |
| 73) Isopropylbenzene          | 10.964 | 105   | 28496    | 1.997     | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 11.378 | 75    | 4629     | 1.092     | ug/l # | 1        |
| 78) n-propylbenzene           | 11.305 | 91    | 63608    | 3.861     | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.378 | 91    | 57417    | 5.643     | ug/l # | 42       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105   | 181017   | 15.127    | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75    | 110889   | 70.779    | ug/l # | 8        |
| 82) 4-Chlorotoluene           | 11.451 | 91    | 19383    | 1.654     | ug/l # | 47       |
| 83) tert-Butylbenzene         | 11.750 | 119   | 65183    | 5.403     | ug/l # | 54       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105   | 562101   | 45.963    | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105   | 17201    | 1.166     | ug/l   | 86       |

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Sample : 01907-08  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
33969

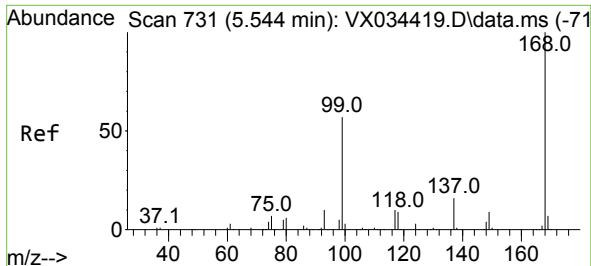
Quant Time: Mar 16 05:23:55 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
Quant Title : SW846 8260  
QLast Update : Mon Mar 13 10:29:32 2023  
Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 86) p-Isopropyltoluene        | 12.006 | 119  | 15043    | 1.213 | ug/l   | 95       |
| 89) n-Butylbenzene            | 12.323 | 91   | 40916    | 3.713 | ug/l # | 32       |
| 90) Hexachloroethane          | 12.530 | 117  | 6603     | 2.879 | ug/l # | 15       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.921 | 75   | 700      | 0.647 | ug/l # | 5        |
| 95) Naphthalene               | 13.774 | 128  | 125414   | 9.228 | ug/l   | 99       |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
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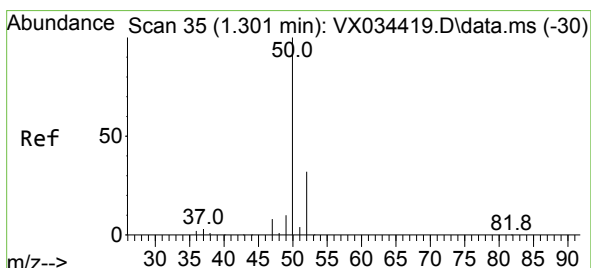
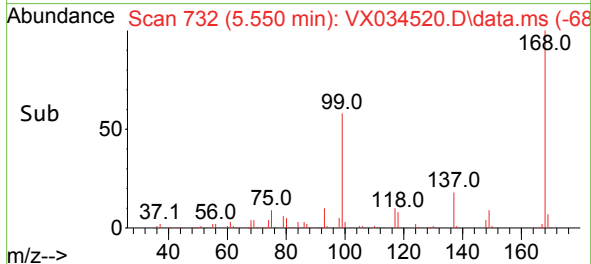
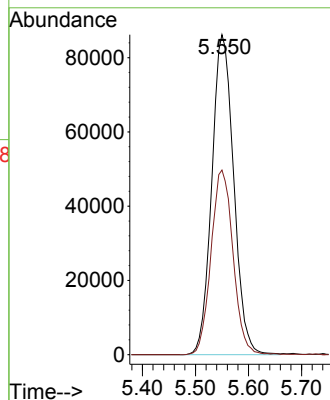
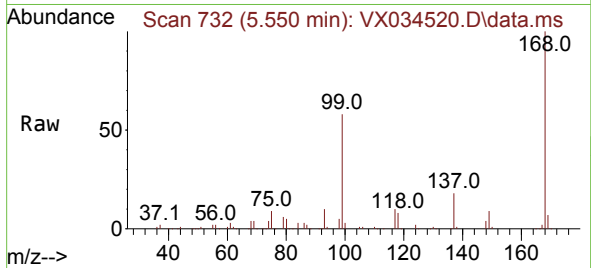




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

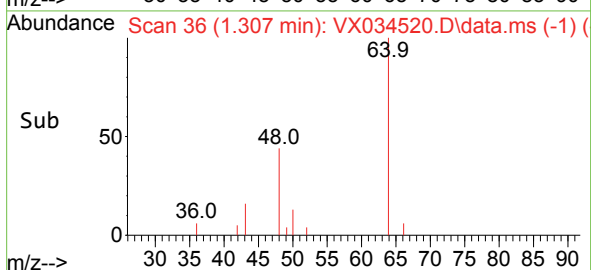
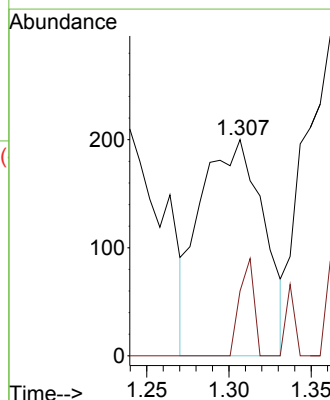
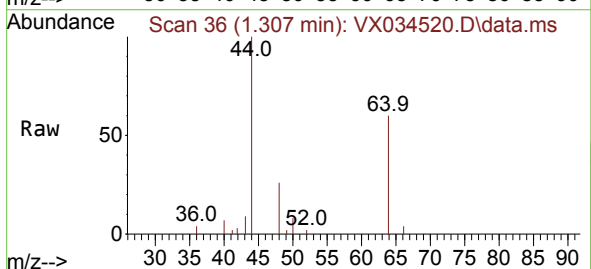
Instrument :  
MSVOA\_X  
ClientSampleId :  
33969

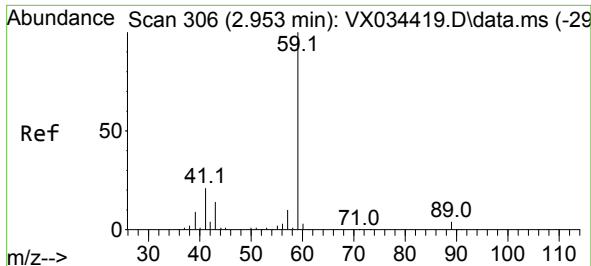
Tgt Ion:168 Resp: 247187  
Ion Ratio Lower Upper  
168 100  
99 57.7 45.7 68.5



#3  
Chloromethane  
Concen: Below Cal  
RT: 1.307 min Scan# 36  
Delta R.T. 0.006 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

Tgt Ion: 50 Resp: 533  
Ion Ratio Lower Upper  
50 100  
52 46.5 25.9 38.9#

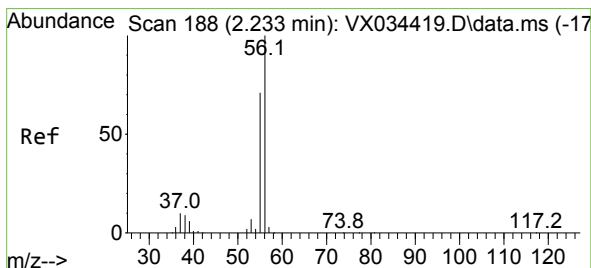
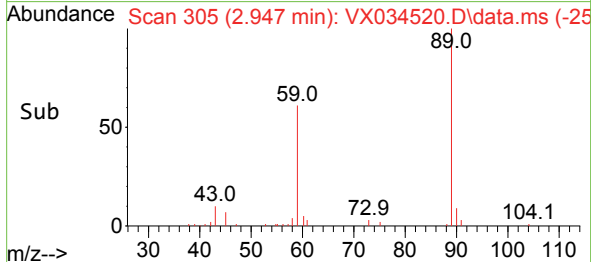
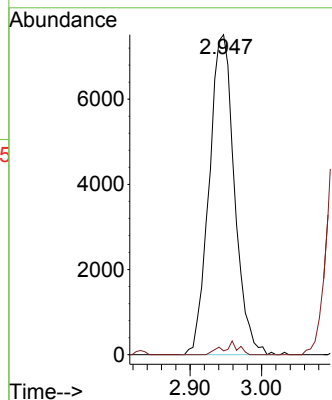
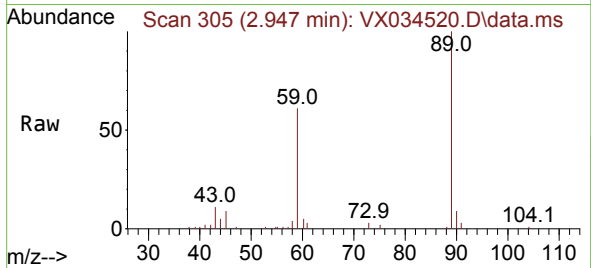




#11  
Tert butyl alcohol  
Concen: 24.635 ug/l  
RT: 2.947 min Scan# 306  
Delta R.T. -0.006 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

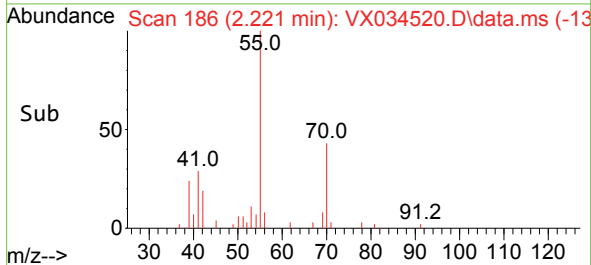
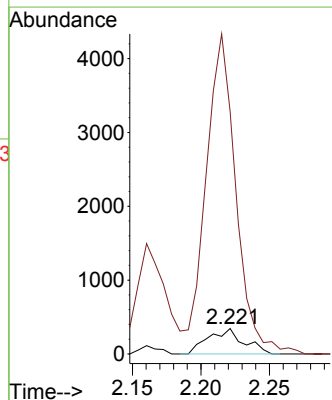
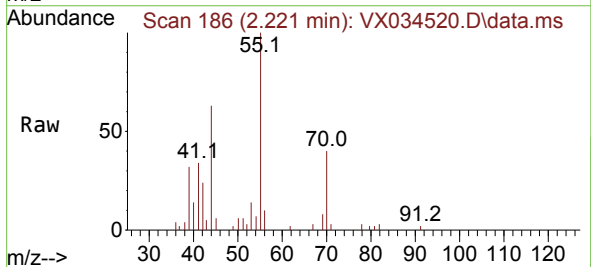
Instrument :  
MSVOA\_X  
ClientSampleId :  
33969

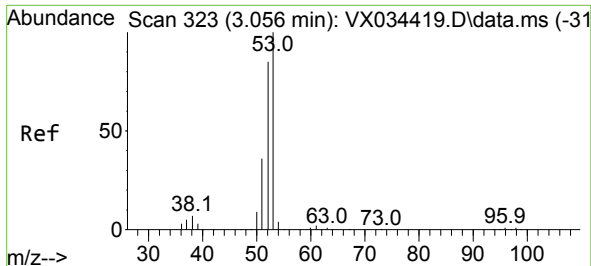
Tgt Ion: 59 Resp: 18448  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.1 12.1#



#13  
Acrolein  
Concen: 1.043 ug/l  
RT: 2.221 min Scan# 186  
Delta R.T. -0.012 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

Tgt Ion: 56 Resp: 618  
Ion Ratio Lower Upper  
56 100  
55 1069.1 56.6 85.0#

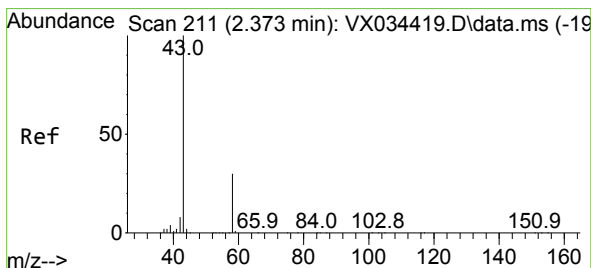
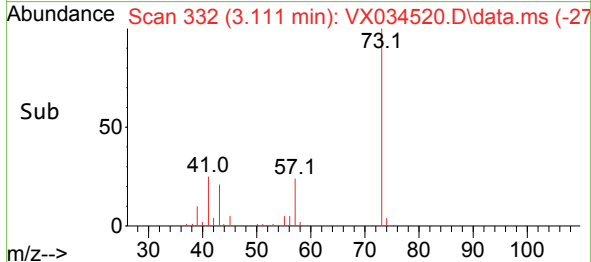
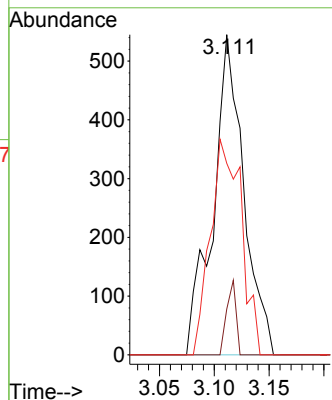
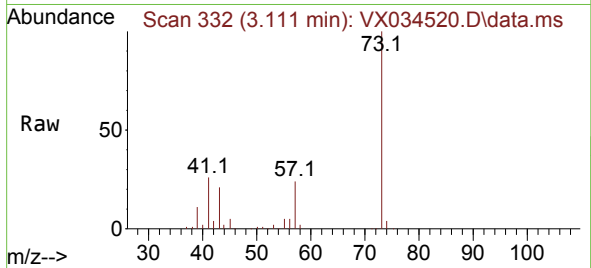




#15  
Acrylonitrile  
Concen: 0.657 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.055 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

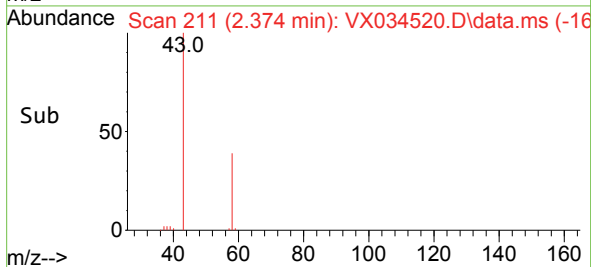
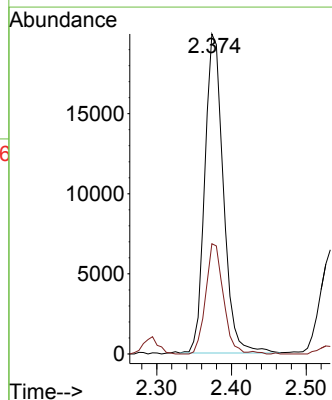
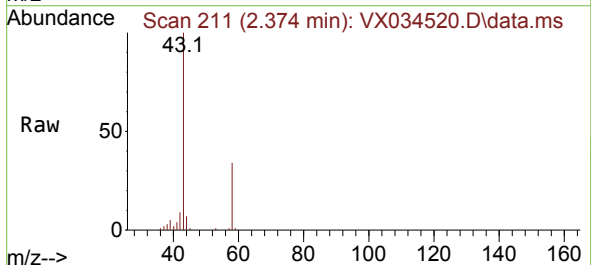
Instrument :  
MSVOA\_X  
ClientSampleId :  
33969

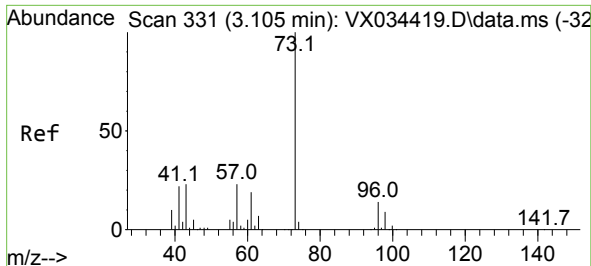
Tgt Ion: 53 Resp: 1062  
Ion Ratio Lower Upper  
53 100  
52 7.1 66.2 99.2#  
51 67.8 28.3 42.5#



#16  
Acetone  
Concen: 20.362 ug/l  
RT: 2.374 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

Tgt Ion: 43 Resp: 34491  
Ion Ratio Lower Upper  
43 100  
58 34.6 24.7 37.1

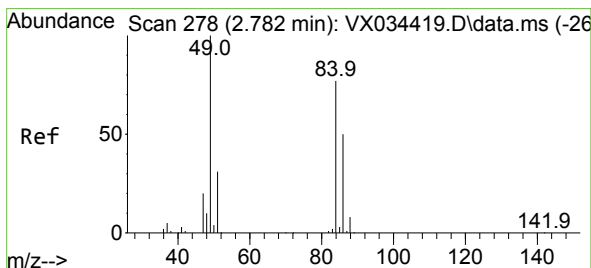
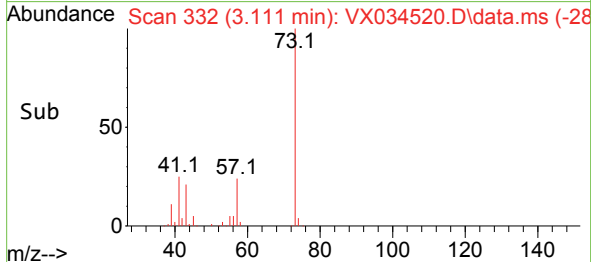
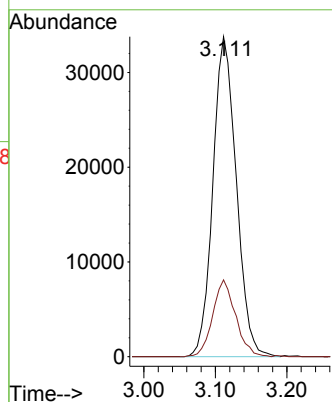
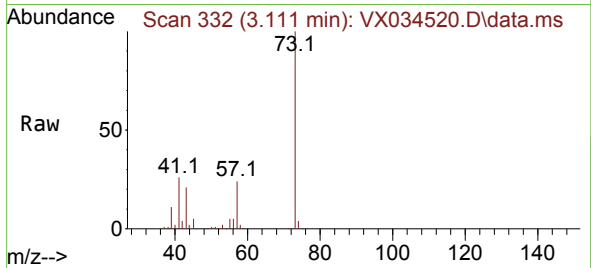




#19  
Methyl tert-butyl Ether  
Concen: 7.919 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

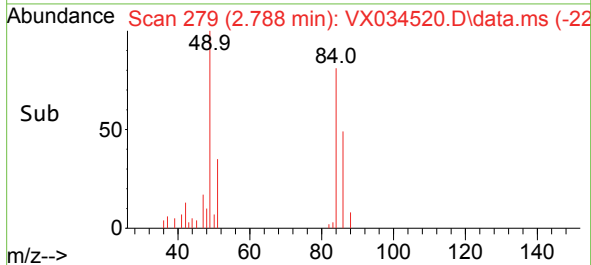
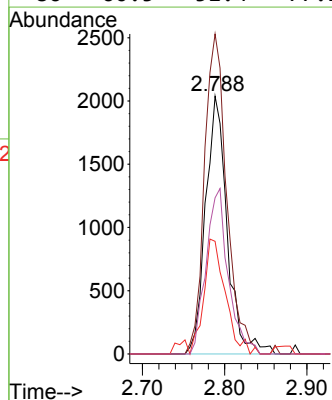
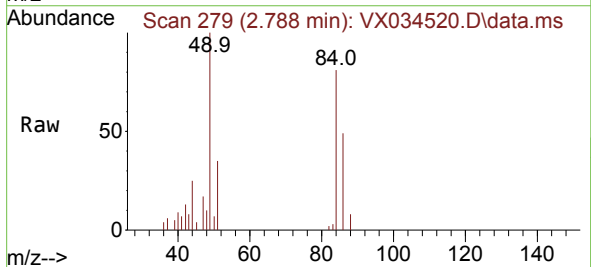
Instrument :  
MSVOA\_X  
ClientSampleId :  
33969

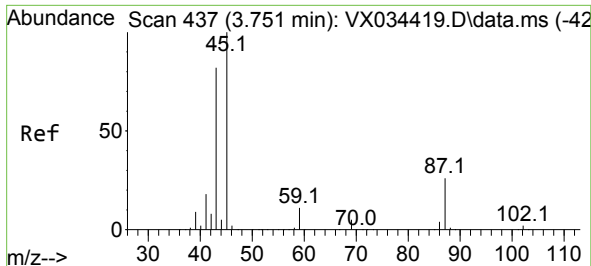
Tgt Ion: 73 Resp: 76724  
Ion Ratio Lower Upper  
73 100  
57 24.0 18.5 27.7



#20  
Methylene Chloride  
Concen: 1.135 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.006 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

Tgt Ion: 84 Resp: 3730  
Ion Ratio Lower Upper  
84 100  
49 124.1 103.8 155.8  
51 40.8 31.8 47.8  
86 60.5 51.4 77.2





#22

Diisopropyl ether

Concen: 1.629 ug/l

RT: 3.758 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX034520.D

Acq: 15 Mar 2023 19:54

Instrument :

MSVOA\_X

ClientSampleId :

33969

Tgt Ion: 45 Resp: 17036

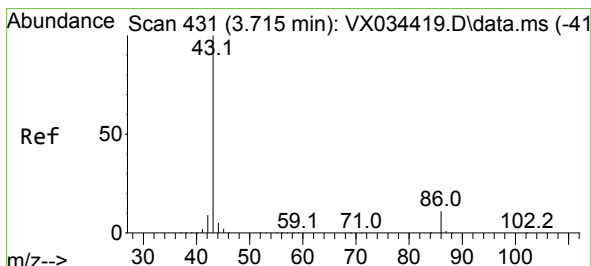
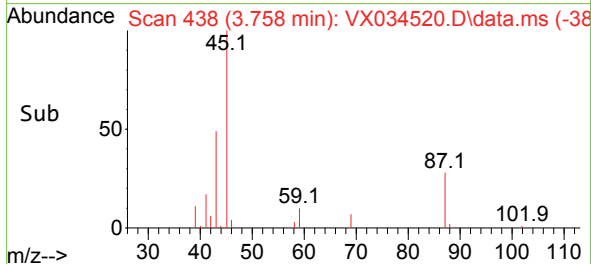
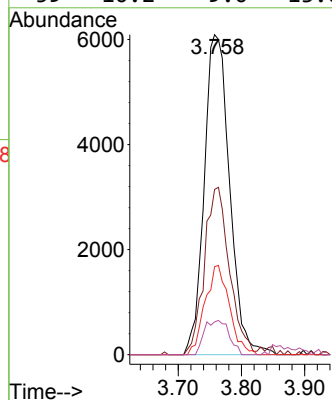
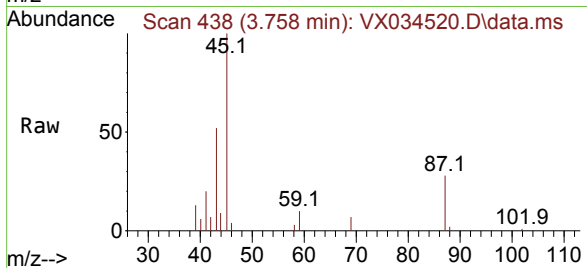
Ion Ratio Lower Upper

45 100

43 51.7 65.4 98.2#

87 27.5 20.6 31.0

59 10.2 9.0 13.6



#23

Vinyl Acetate

Concen: 1.104 ug/l

RT: 3.764 min Scan# 439

Delta R.T. 0.049 min

Lab File: VX034520.D

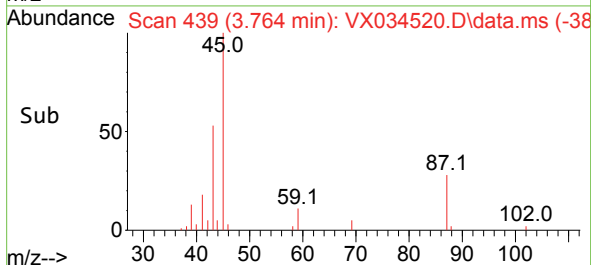
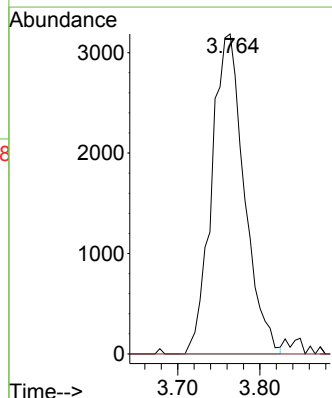
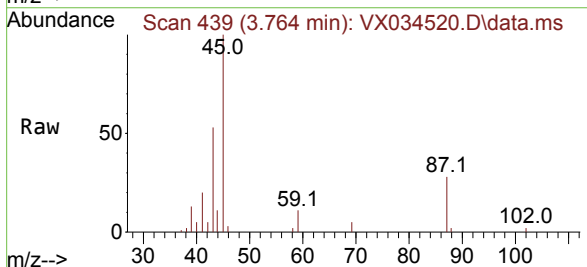
Acq: 15 Mar 2023 19:54

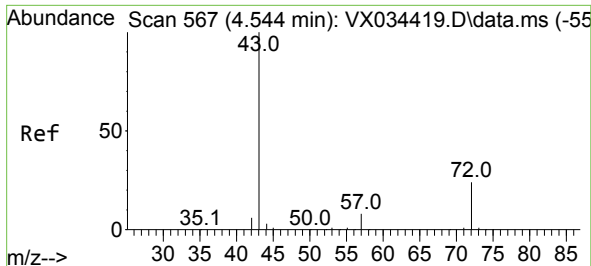
Tgt Ion: 43 Resp: 8787

Ion Ratio Lower Upper

43 100

86 0.0 8.5 12.7#

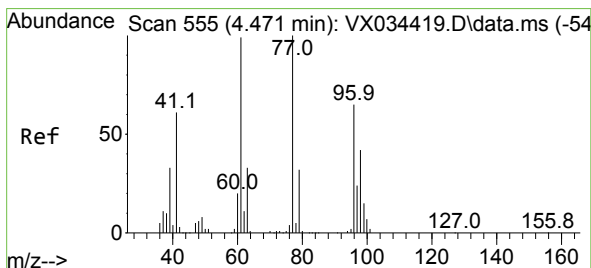
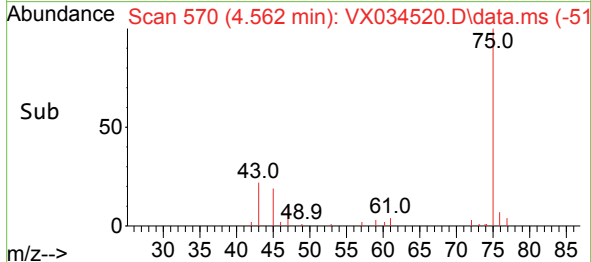
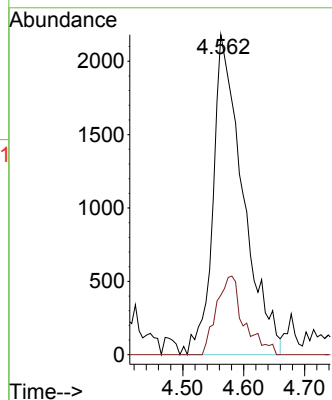
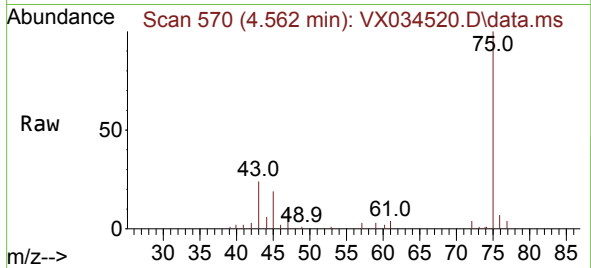




#25  
2-Butanone  
Concen: 3.072 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

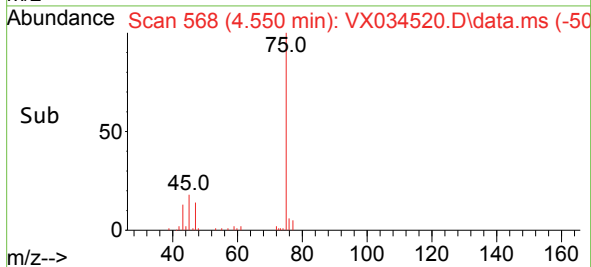
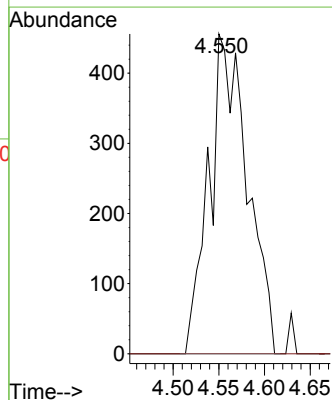
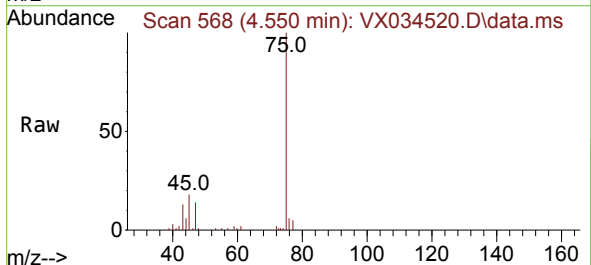
Instrument :  
MSVOA\_X  
ClientSampleId :  
33969

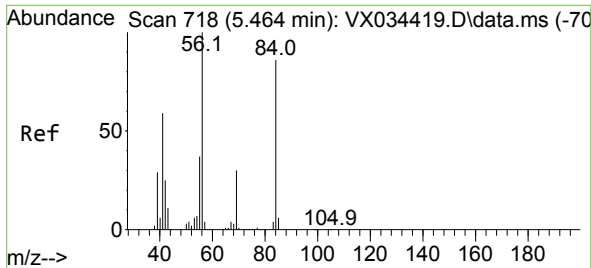
Tgt Ion: 43 Resp: 7445  
Ion Ratio Lower Upper  
43 100  
72 18.6 19.3 28.9#



#26  
2,2-Dichloropropane  
Concen: 0.273 ug/l  
RT: 4.550 min Scan# 568  
Delta R.T. 0.079 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

Tgt Ion: 77 Resp: 1332  
Ion Ratio Lower Upper  
77 100  
97 0.0 11.4 34.1#

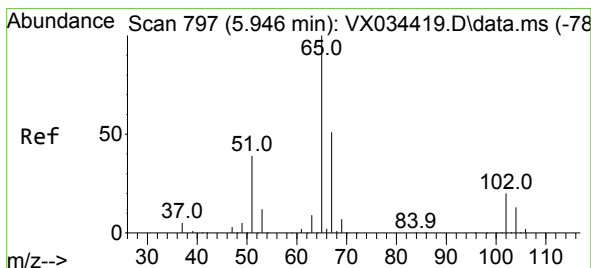
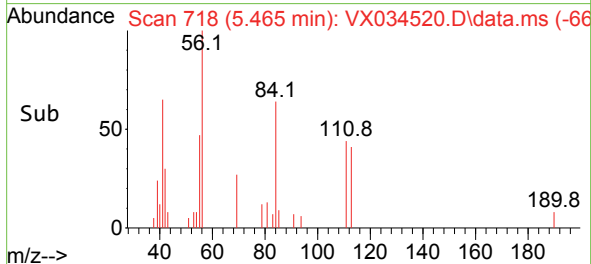
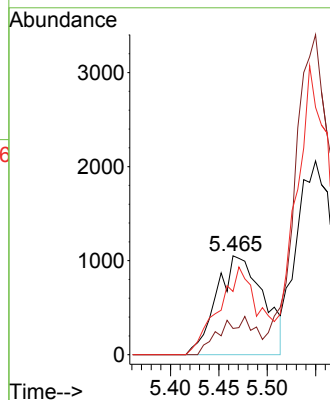
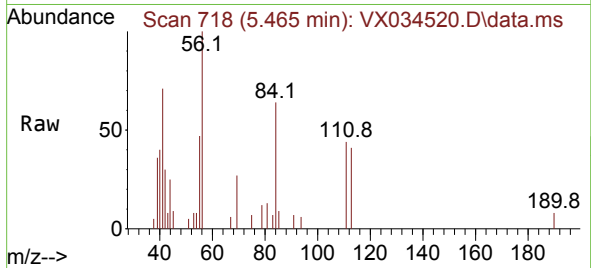




#31  
Cyclohexane  
Concen: 0.701 ug/l  
RT: 5.465 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

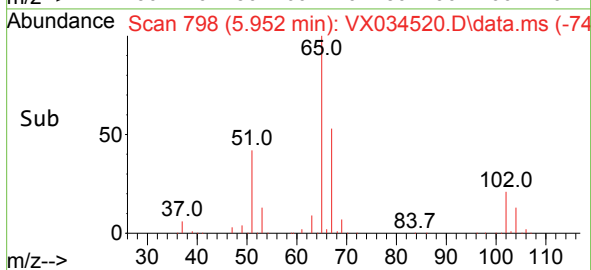
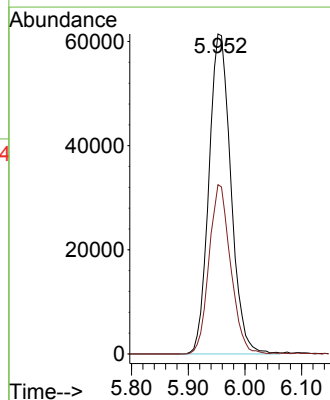
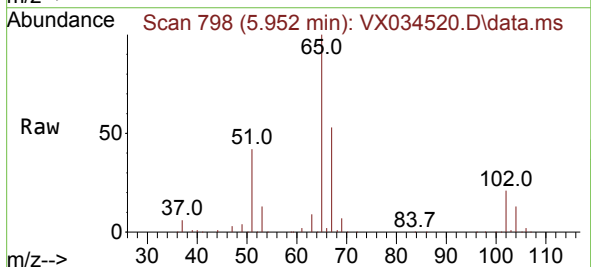
Instrument :  
MSVOA\_X  
ClientSampleId :  
33969

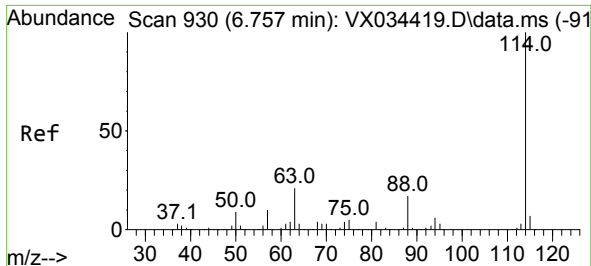
Tgt Ion: 56 Resp: 3535  
Ion Ratio Lower Upper  
56 100  
69 26.5 23.7 35.5  
84 63.9 68.5 102.7#



#33  
1,2-Dichloroethane-d4  
Concen: 46.047 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.006 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

Tgt Ion: 65 Resp: 165587  
Ion Ratio Lower Upper  
65 100  
67 51.8 0.0 104.0

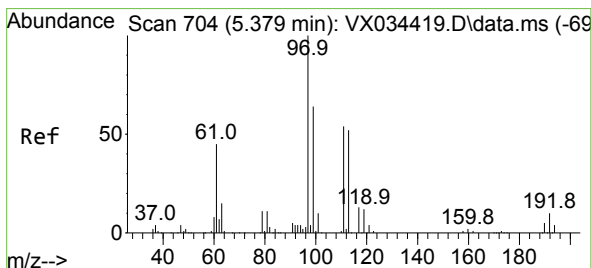
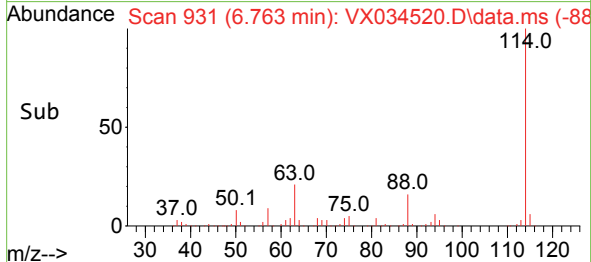
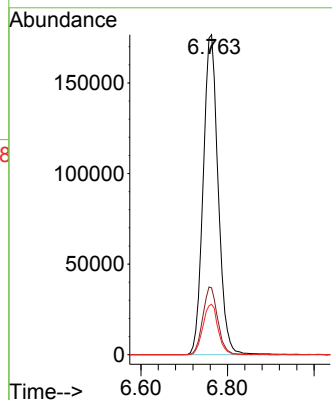
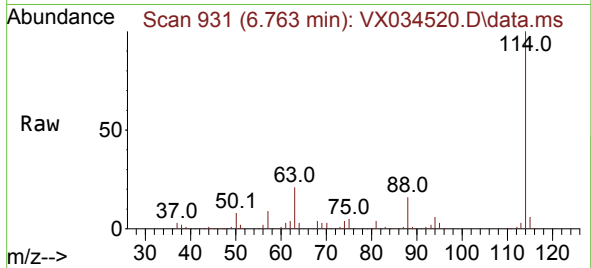




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

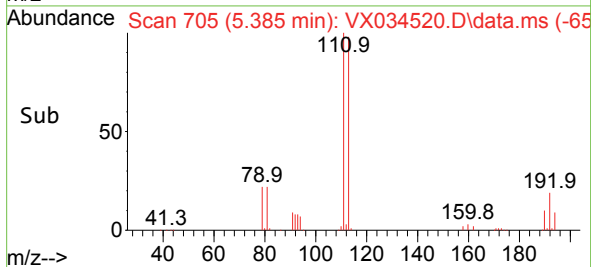
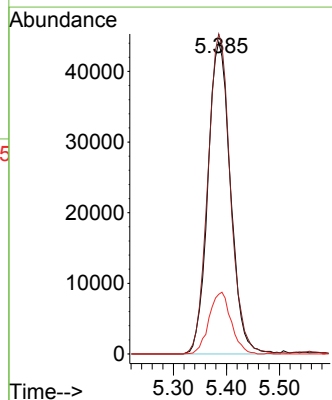
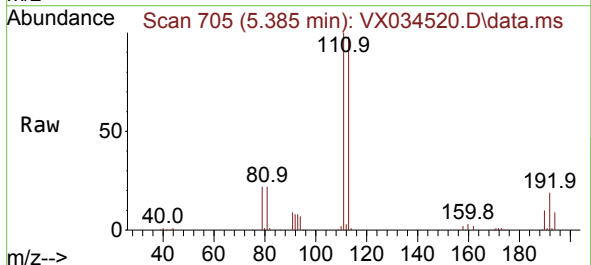
Instrument :  
MSVOA\_X  
ClientSampleId :  
33969

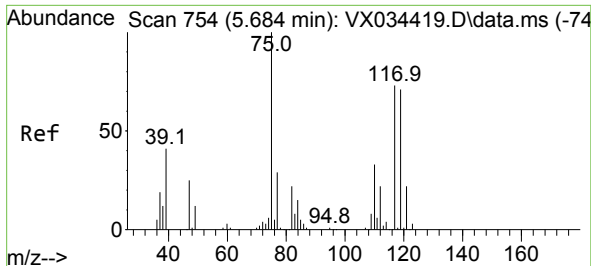
Tgt Ion:114 Resp: 423555  
Ion Ratio Lower Upper  
114 100  
63 20.9 0.0 42.2  
88 15.8 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 46.739 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

Tgt Ion:113 Resp: 130705  
Ion Ratio Lower Upper  
113 100  
111 102.5 83.7 125.5  
192 19.3 15.4 23.2

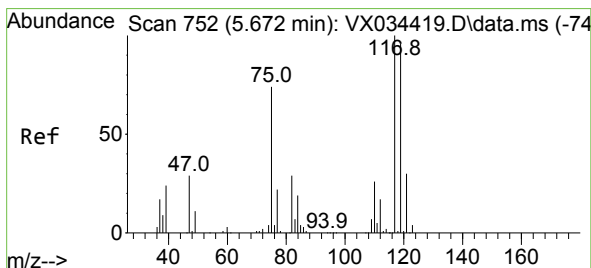
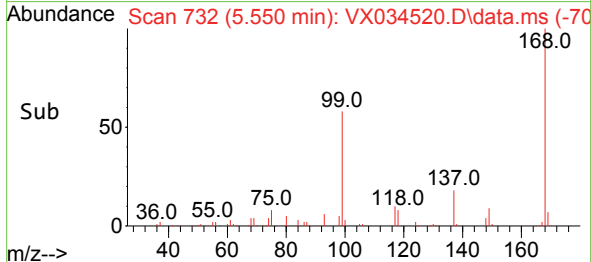
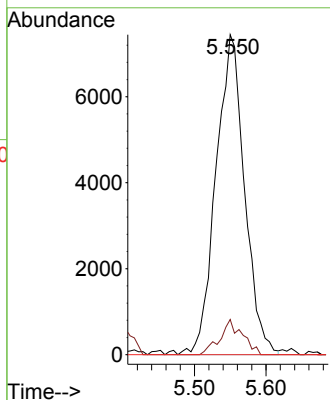
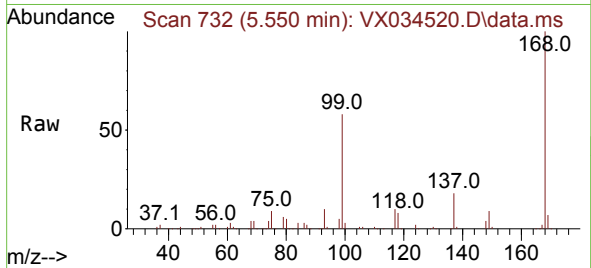




#36  
1,1-Dichloropropene  
Concen: 4.806 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.134 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

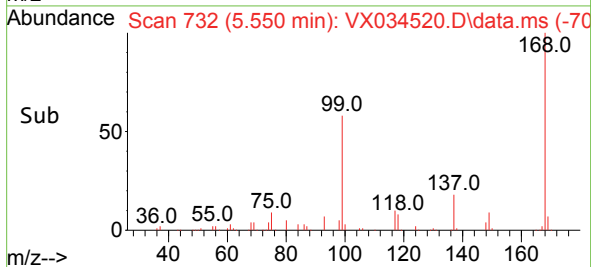
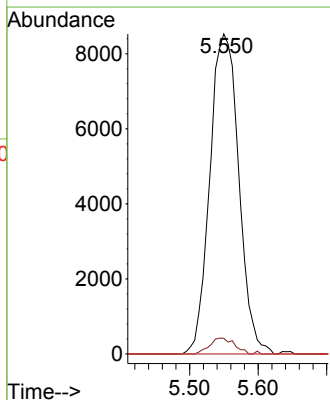
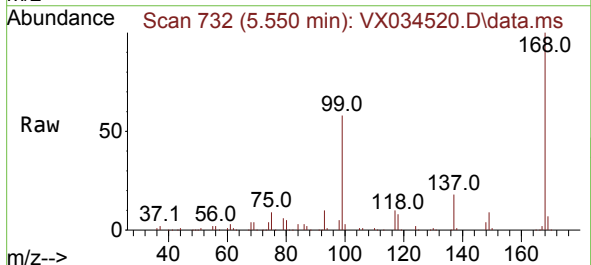
Instrument :  
MSVOA\_X  
ClientSampleId :  
33969

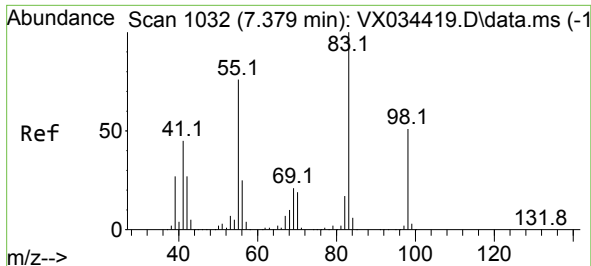
Tgt Ion: 75 Resp: 20645  
Ion Ratio Lower Upper  
75 100  
110 8.6 17.5 52.5#  
77 0.0 24.3 36.5#



#38  
Carbon Tetrachloride  
Concen: 5.851 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.122 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

Tgt Ion: 117 Resp: 25001  
Ion Ratio Lower Upper  
117 100  
119 4.9 76.6 114.8#  
121 0.0 23.8 35.6#

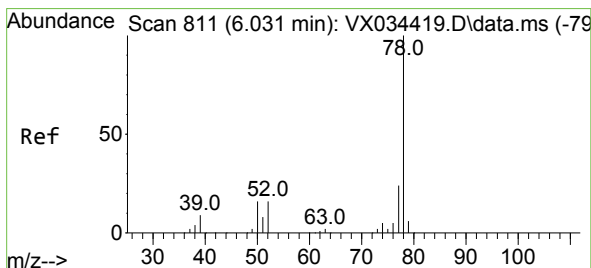
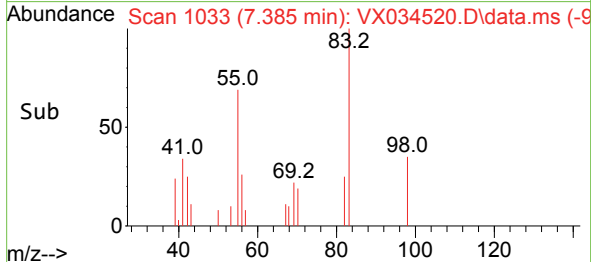
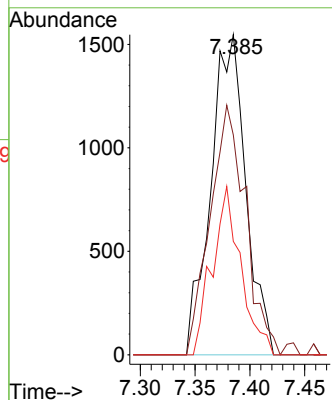
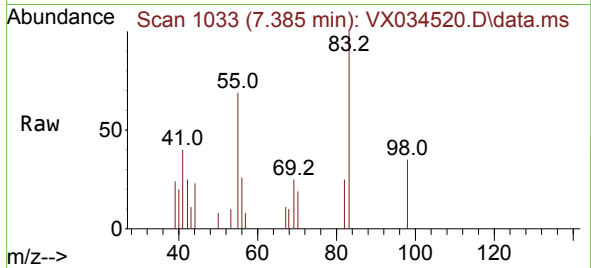




#39  
Methylcyclohexane  
Concen: 0.670 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. 0.006 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

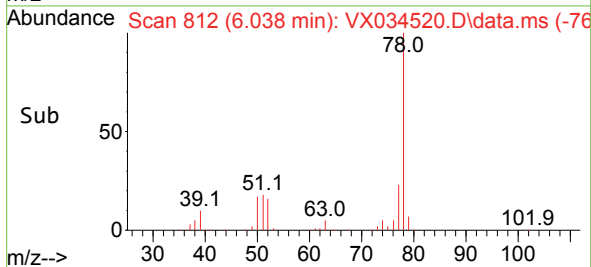
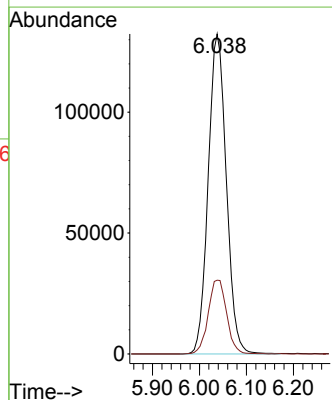
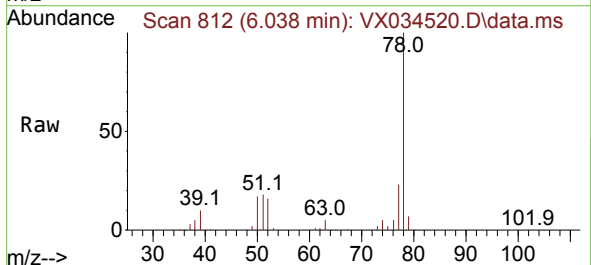
Instrument :  
MSVOA\_X  
ClientSampleId :  
33969

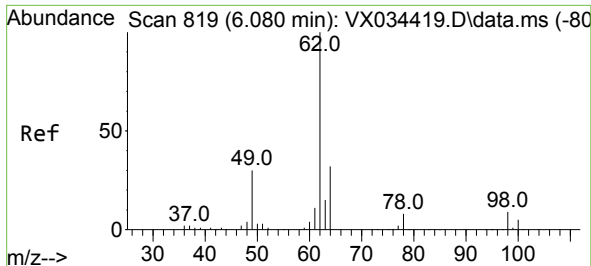
Tgt Ion: 83 Resp: 3442  
Ion Ratio Lower Upper  
83 100  
55 68.6 60.5 90.7  
98 35.4 40.4 60.6#



#40  
Benzene  
Concen: 28.133 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.006 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

Tgt Ion: 78 Resp: 353502  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.0 28.4





#42

1,2-Dichloroethane

Concen: 0.826 ug/l

RT: 6.038 min Scan# 81

Delta R.T. -0.043 min

Lab File: VX034520.D

Acq: 15 Mar 2023 19:54

Instrument :

MSVOA\_X

ClientSampleId :

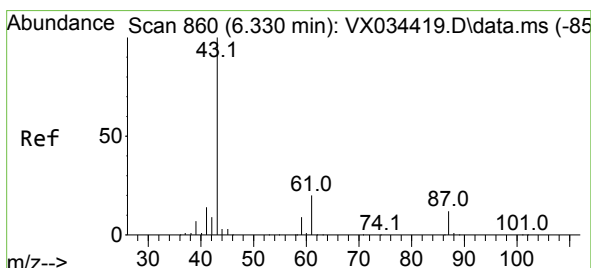
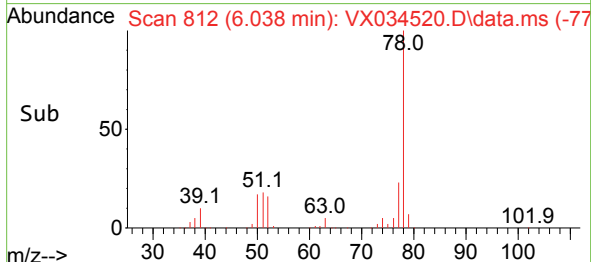
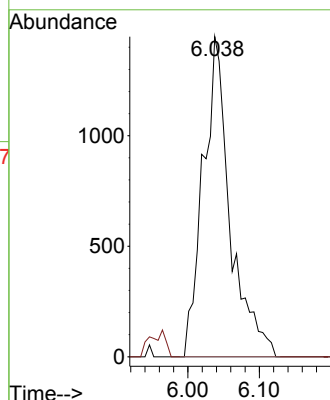
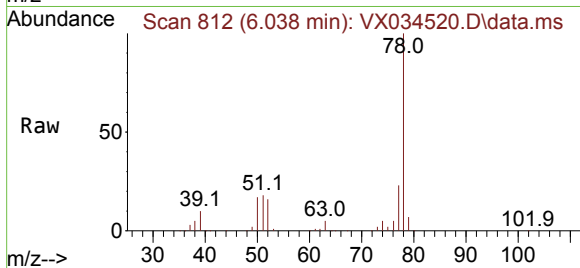
33969

Tgt Ion: 62 Resp: 3813

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



#43

Isopropyl Acetate

Concen: 0.291 ug/l

RT: 6.324 min Scan# 859

Delta R.T. -0.006 min

Lab File: VX034520.D

Acq: 15 Mar 2023 19:54

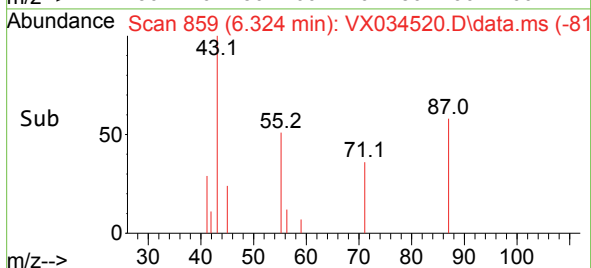
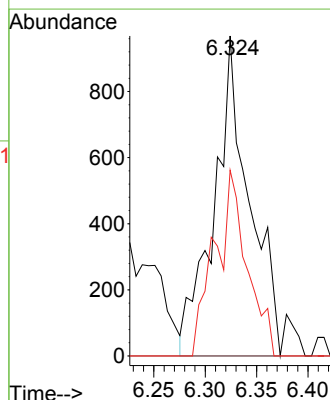
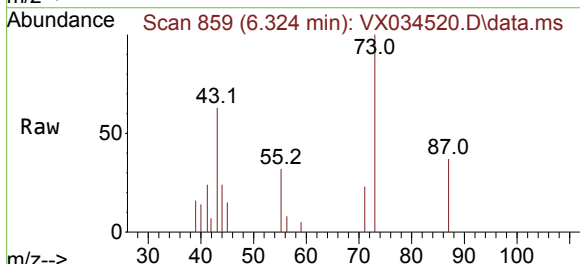
Tgt Ion: 43 Resp: 2317

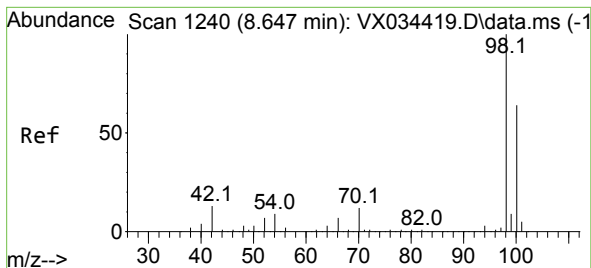
Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 52.9 9.8 14.8#





#50

Toluene-d8

Concen: 48.796 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034520.D

Acq: 15 Mar 2023 19:54

Instrument :

MSVOA\_X

ClientSampleId :

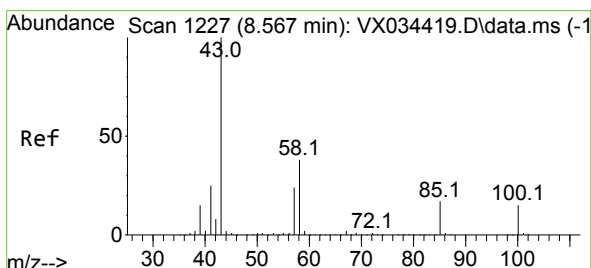
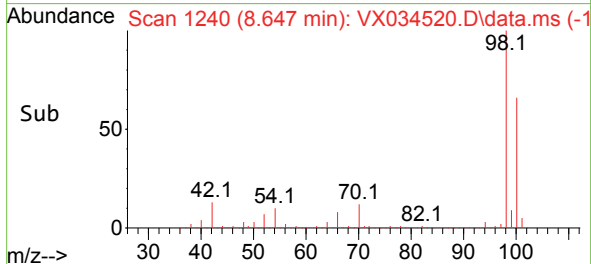
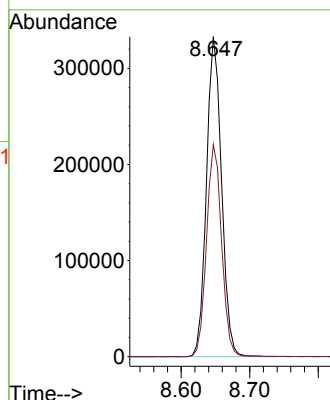
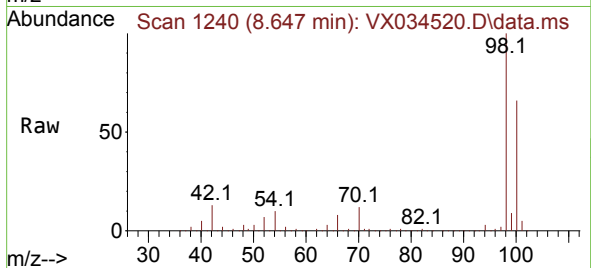
33969

Tgt Ion: 98 Resp: 509410

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.373 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX034520.D

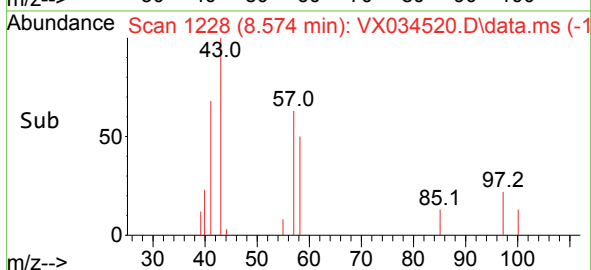
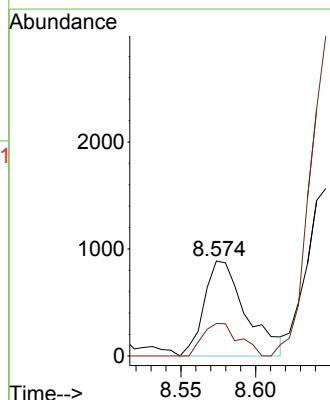
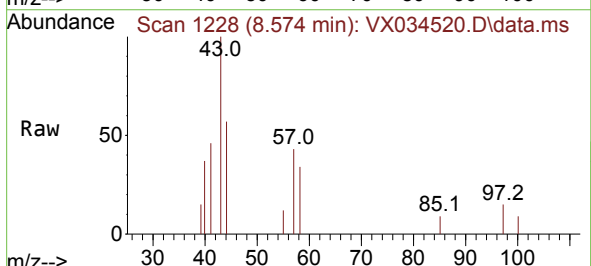
Acq: 15 Mar 2023 19:54

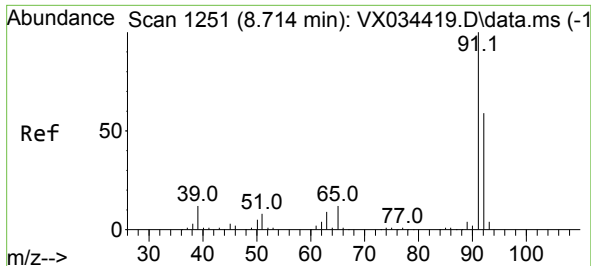
Tgt Ion: 43 Resp: 1721

Ion Ratio Lower Upper

43 100

58 29.6 30.6 46.0#

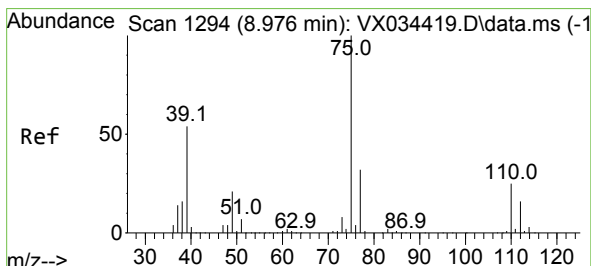
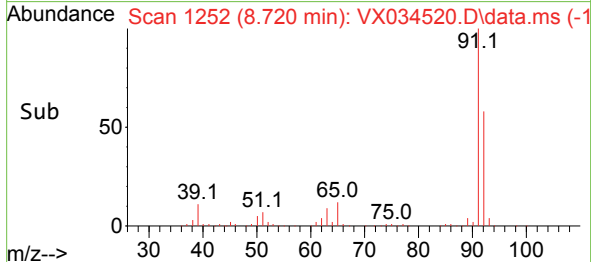
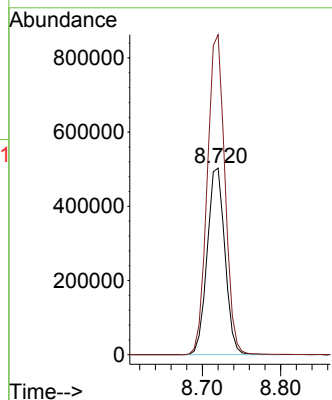
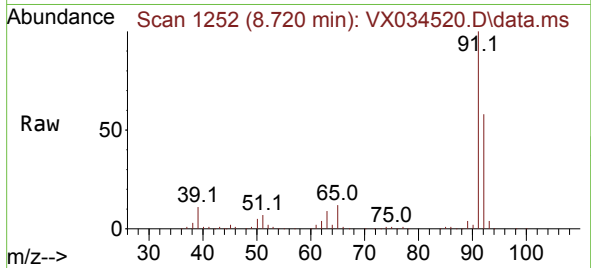




#52  
Toluene  
Concen: 101.539 ug/l  
RT: 8.720 min Scan# 1251  
Delta R.T. 0.006 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

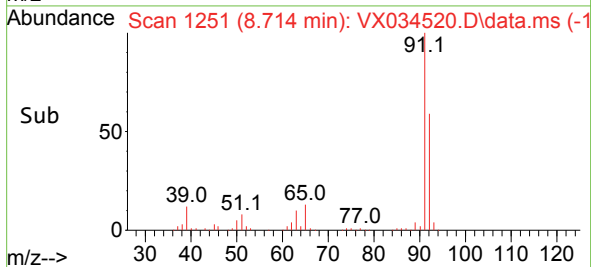
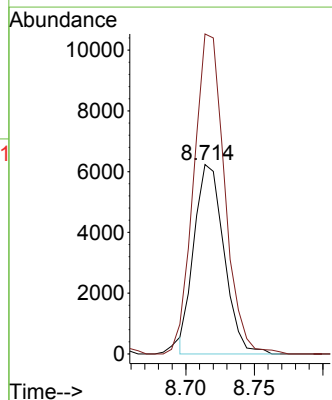
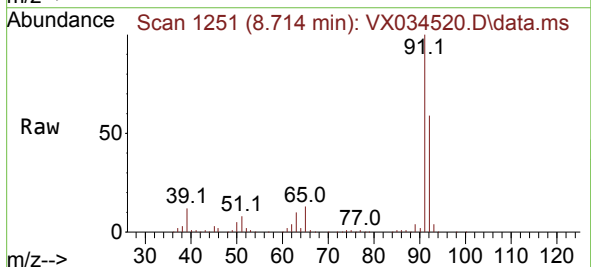
Instrument :  
MSVOA\_X  
ClientSampleId :  
33969

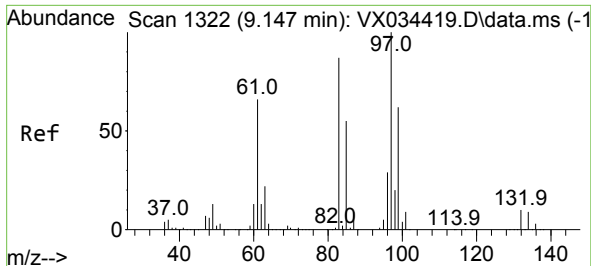
Tgt Ion: 92 Resp: 789895  
Ion Ratio Lower Upper  
92 100  
91 170.8 136.8 205.2



#53  
t-1,3-Dichloropropene  
Concen: 1.951 ug/l  
RT: 8.714 min Scan# 1251  
Delta R.T. -0.262 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

Tgt Ion: 75 Resp: 9486  
Ion Ratio Lower Upper  
75 100  
77 167.9 25.4 38.2#

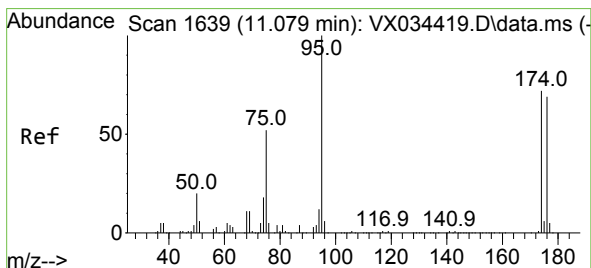
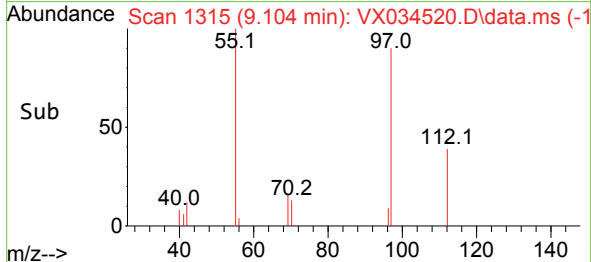
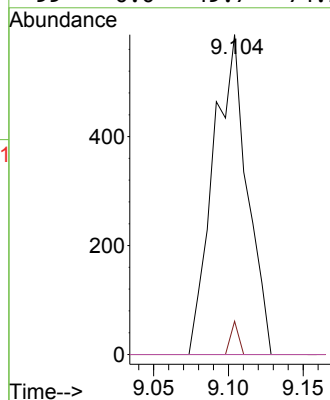
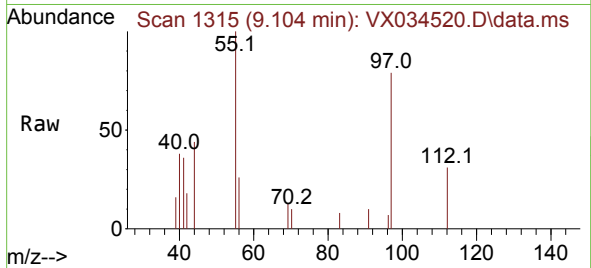




#55  
1,1,2-Trichloroethane  
Concen: 0.300 ug/l  
RT: 9.104 min Scan# 11  
Delta R.T. -0.043 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

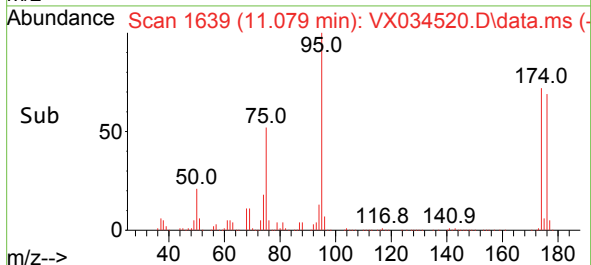
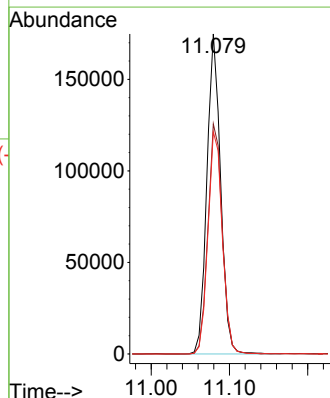
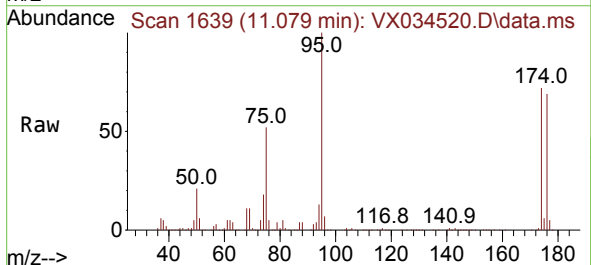
Instrument :  
MSVOA\_X  
ClientSampleId :  
33969

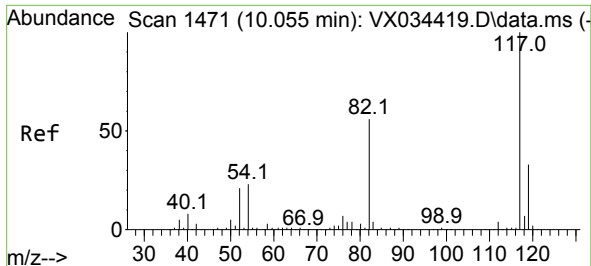
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 926   |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 10.4     | 69.7 104.5# |
| 85 0.0      | 43.7 65.5#  |
| 99 0.0      | 49.7 74.5#  |



#62  
4-Bromofluorobenzene  
Concen: 50.132 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

|             |              |
|-------------|--------------|
| Tgt Ion: 95 | Resp: 211395 |
| Ion Ratio   | Lower Upper  |
| 95 100      |              |
| 174 75.5    | 0.0 147.4    |
| 176 72.8    | 0.0 140.6    |

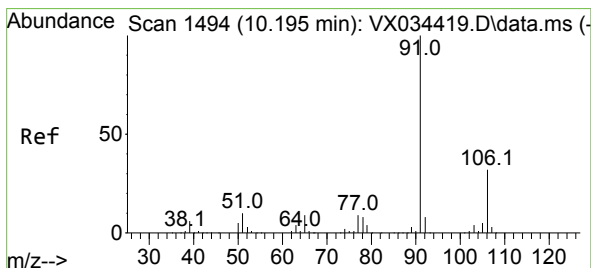
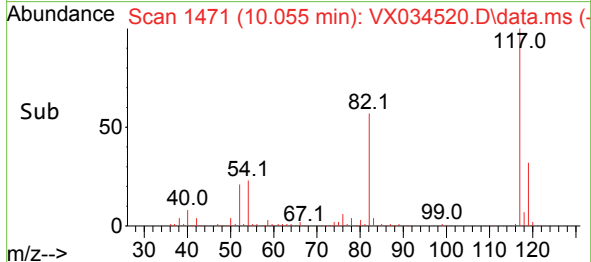
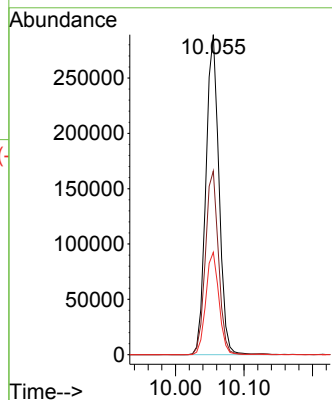
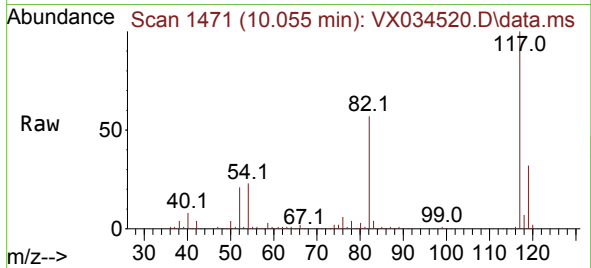




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

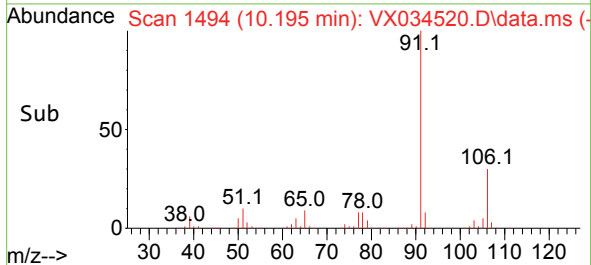
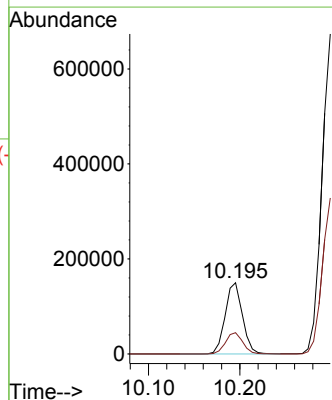
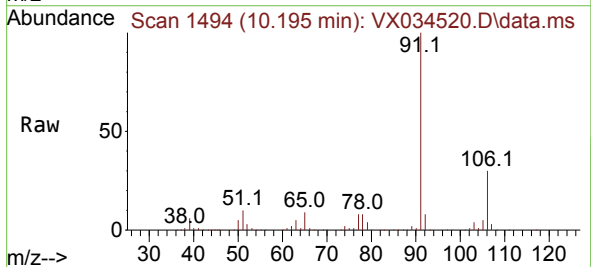
Instrument :  
MSVOA\_X  
ClientSampleId :  
33969

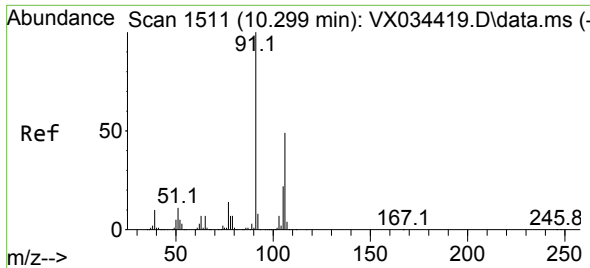
Tgt Ion:117 Resp: 384215  
Ion Ratio Lower Upper  
117 100  
82 57.4 45.0 67.4  
119 32.0 26.0 39.0



#67  
Ethyl Benzene  
Concen: 13.021 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

Tgt Ion: 91 Resp: 196509  
Ion Ratio Lower Upper  
91 100  
106 29.9 25.6 38.4

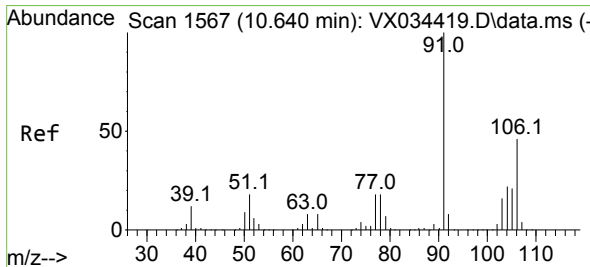
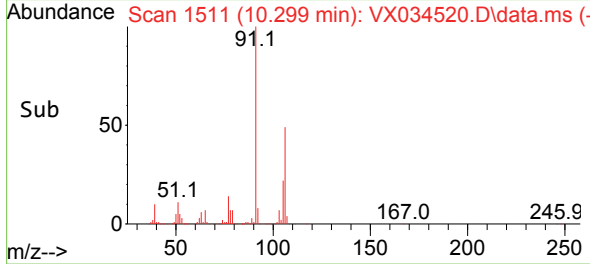
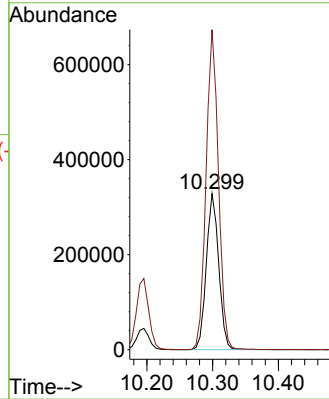
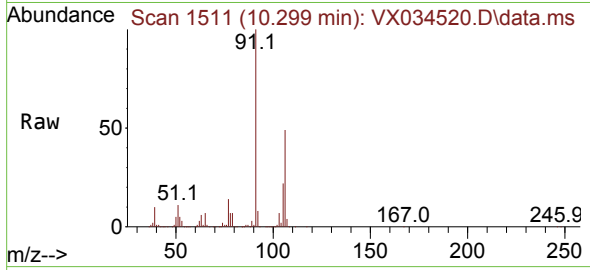




#68  
m/p-Xylenes  
Concen: 74.303 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

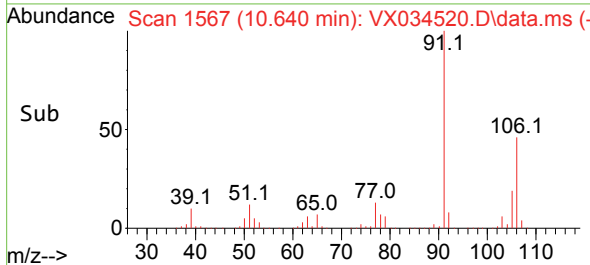
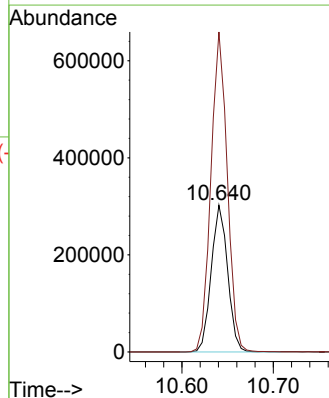
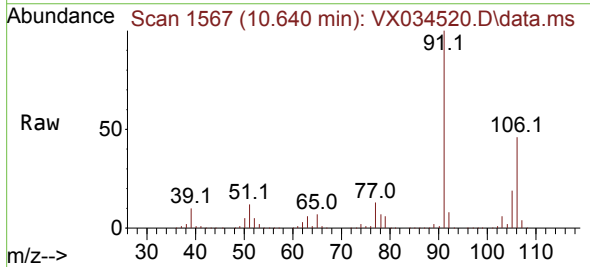
Instrument :  
MSVOA\_X  
ClientSampleId :  
33969

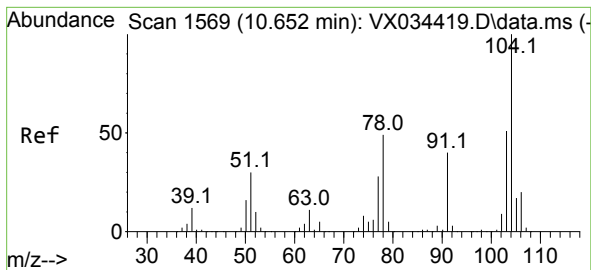
Tgt Ion:106 Resp: 430759  
Ion Ratio Lower Upper  
106 100  
91 204.6 164.0 246.0



#69  
o-Xylene  
Concen: 64.705 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

Tgt Ion:106 Resp: 376441  
Ion Ratio Lower Upper  
106 100  
91 217.4 108.5 325.3





#70

Styrene

Concen: 2.196 ug/l

RT: 10.640 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX034520.D

Acq: 15 Mar 2023 19:54

Instrument :

MSVOA\_X

ClientSampleId :

33969

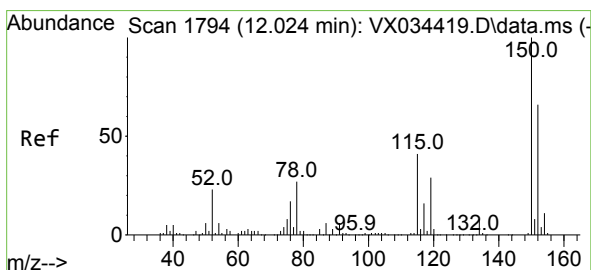
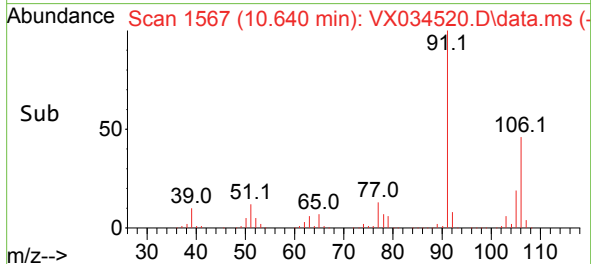
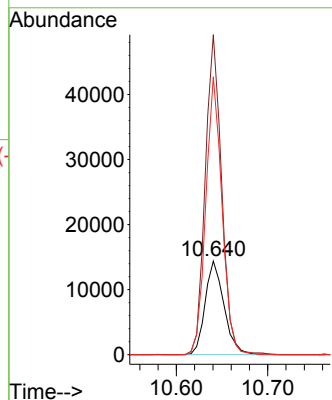
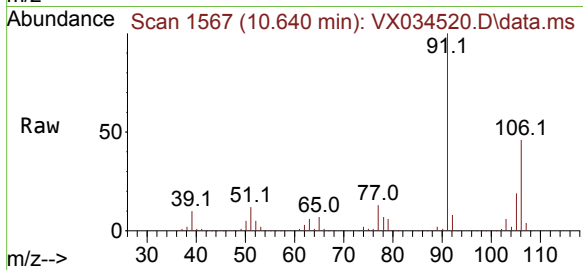
Tgt Ion:104 Resp: 20614

Ion Ratio Lower Upper

104 100

78 296.9 43.4 65.2#

103 255.7 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034520.D

Acq: 15 Mar 2023 19:54

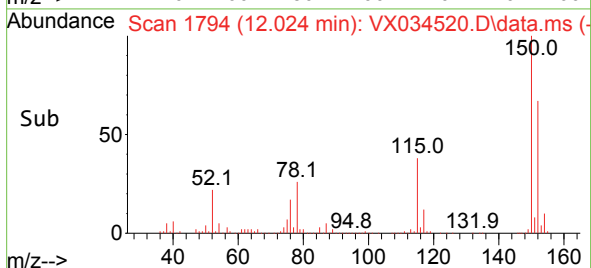
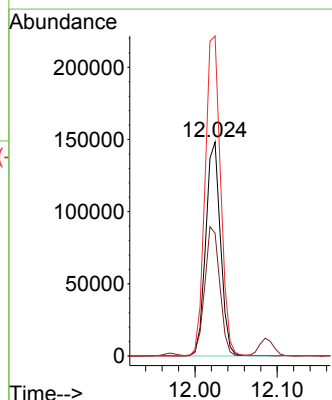
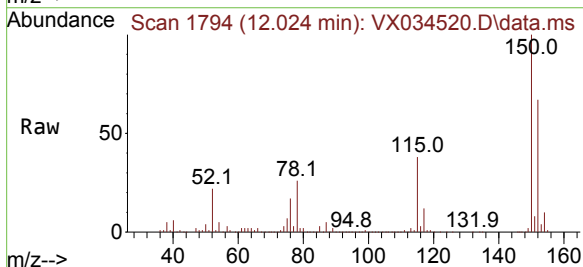
Tgt Ion:152 Resp: 184588

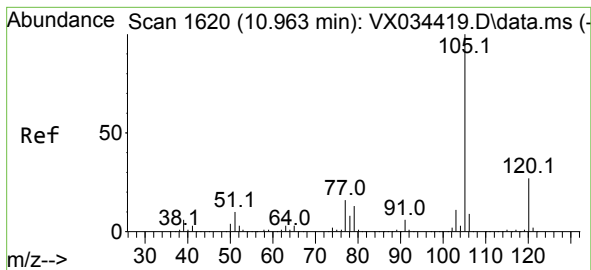
Ion Ratio Lower Upper

152 100

115 61.3 45.0 135.0

150 157.5 0.0 352.4





#73

Isopropylbenzene

Concen: 1.997 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034520.D

Acq: 15 Mar 2023 19:54

Instrument :

MSVOA\_X

ClientSampleId :

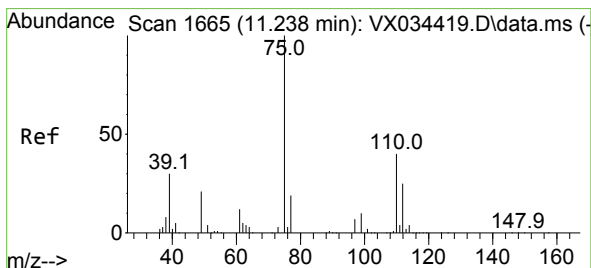
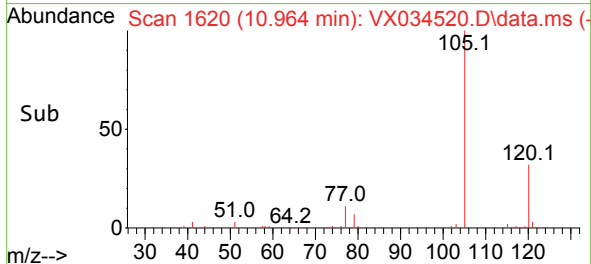
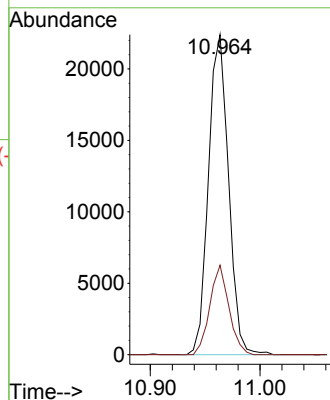
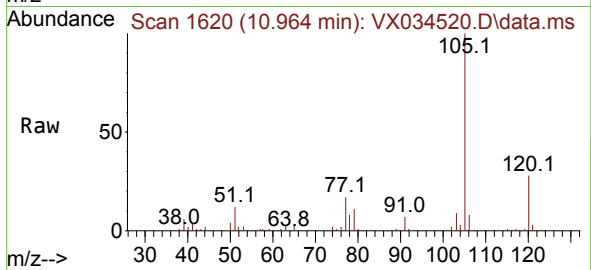
33969

Tgt Ion:105 Resp: 28496

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#76

1,2,3-Trichloropropane

Concen: 1.092 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.140 min

Lab File: VX034520.D

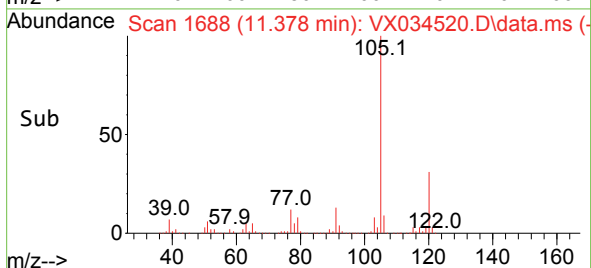
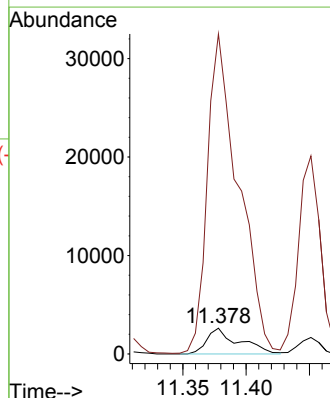
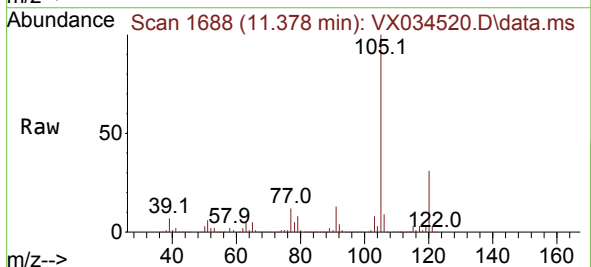
Acq: 15 Mar 2023 19:54

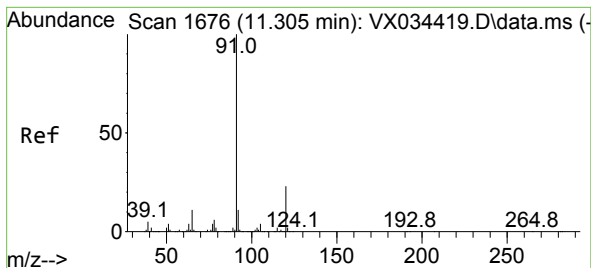
Tgt Ion: 75 Resp: 4629

Ion Ratio Lower Upper

75 100

77 1204.2 21.6 64.8#





#78

n-propylbenzene

Concen: 3.861 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX034520.D

Acq: 15 Mar 2023 19:54

Instrument :

MSVOA\_X

ClientSampleId :

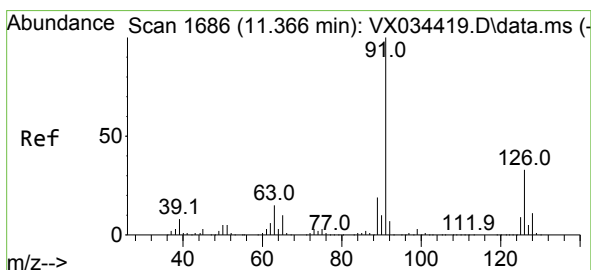
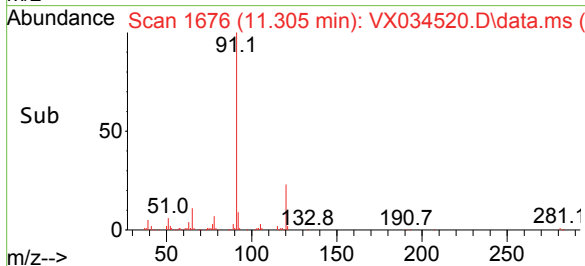
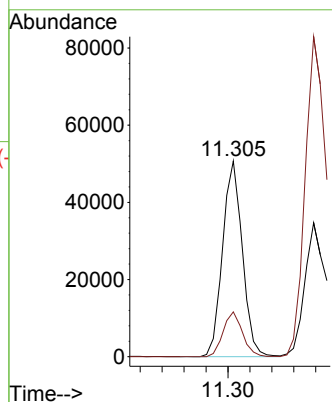
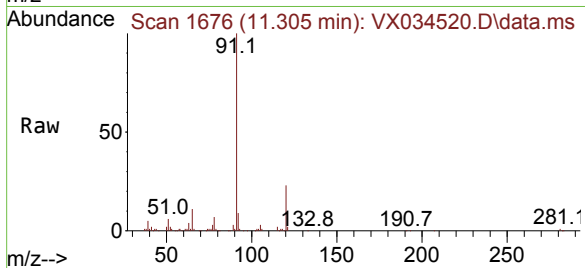
33969

Tgt Ion: 91 Resp: 63608

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.5



#79

2-Chlorotoluene

Concen: 5.643 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.012 min

Lab File: VX034520.D

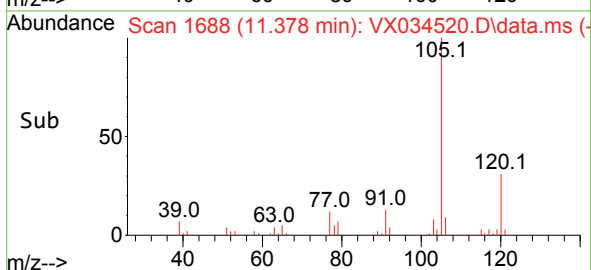
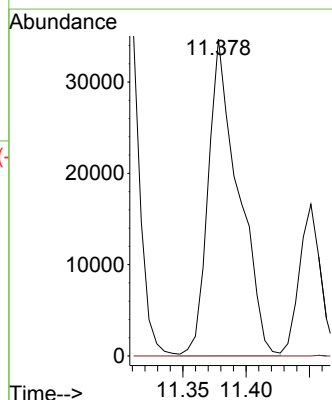
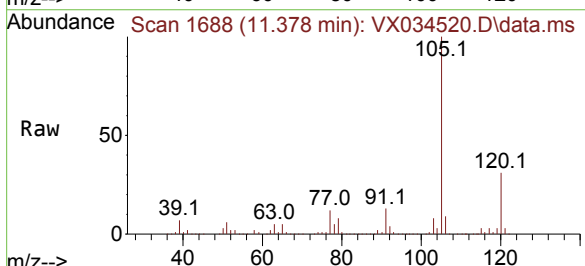
Acq: 15 Mar 2023 19:54

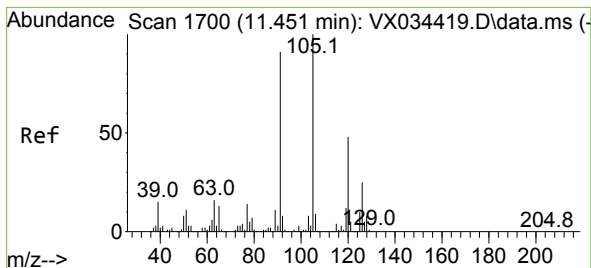
Tgt Ion: 91 Resp: 57417

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.9#





#80

1,3,5-Trimethylbenzene

Concen: 15.127 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034520.D

Acq: 15 Mar 2023 19:54

Instrument :

MSVOA\_X

ClientSampleId :

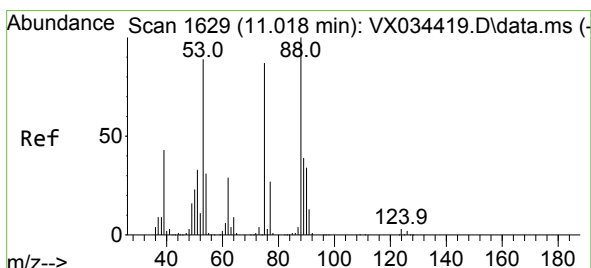
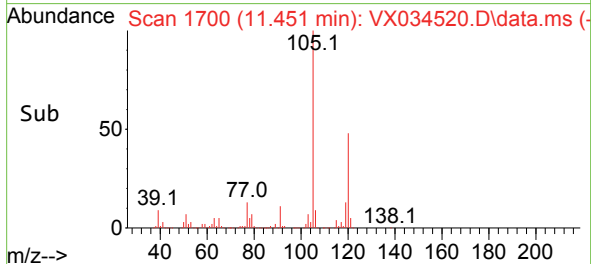
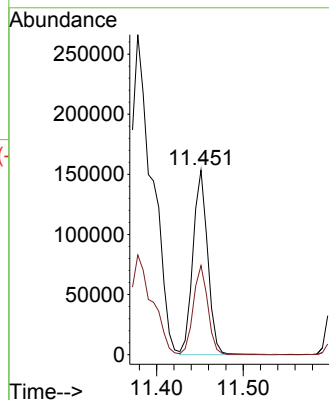
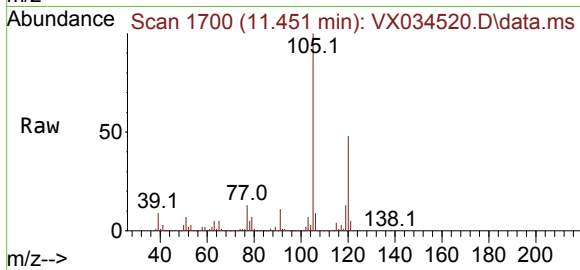
33969

Tgt Ion:105 Resp: 181017

Ion Ratio Lower Upper

105 100

120 47.7 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 70.779 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034520.D

Acq: 15 Mar 2023 19:54

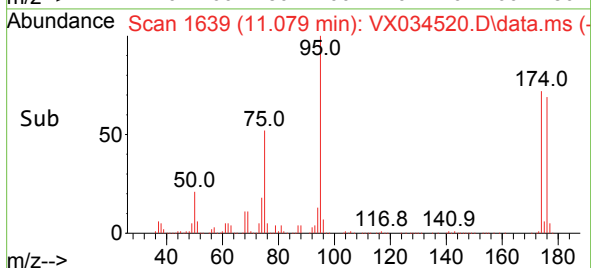
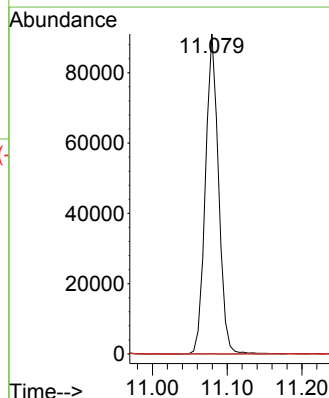
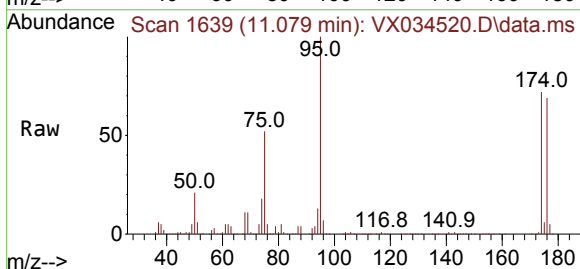
Tgt Ion: 75 Resp: 110889

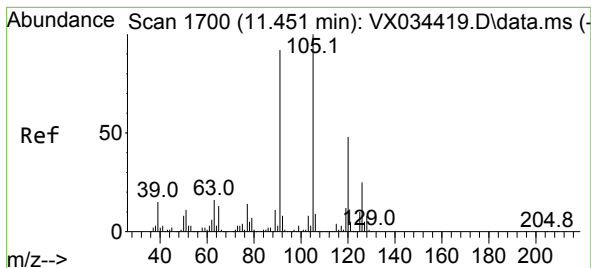
Ion Ratio Lower Upper

75 100

53 0.1 82.6 124.0#

89 0.0 36.9 55.3#

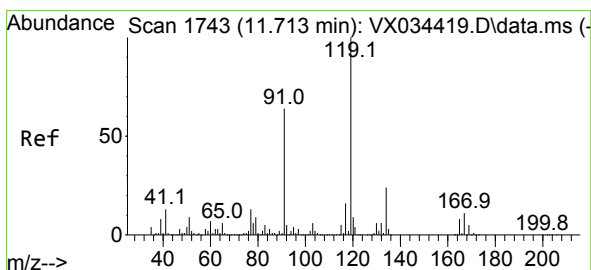
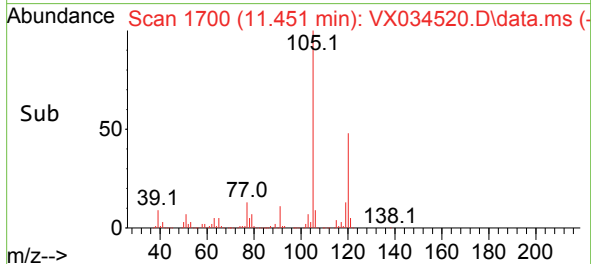
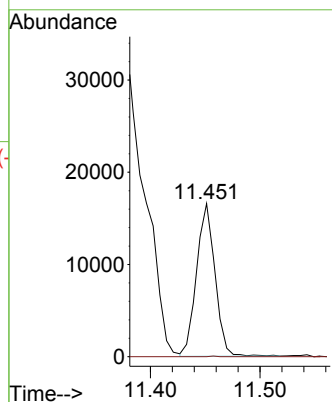
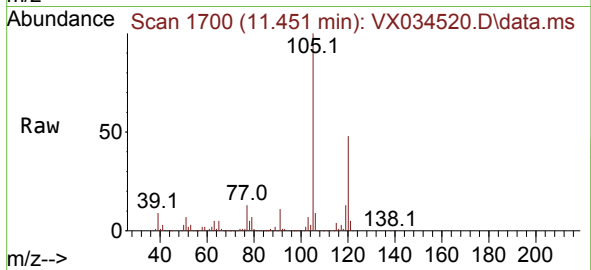




#82  
4-Chlorotoluene  
Concen: 1.654 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

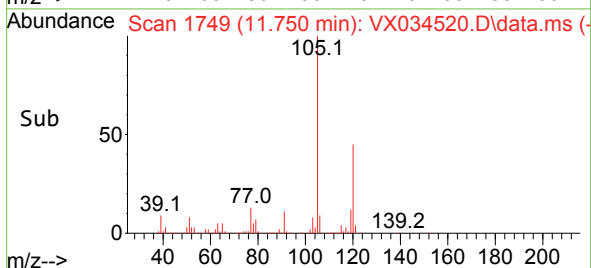
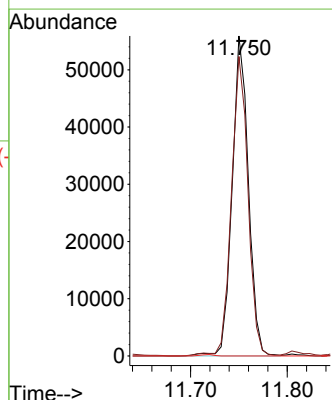
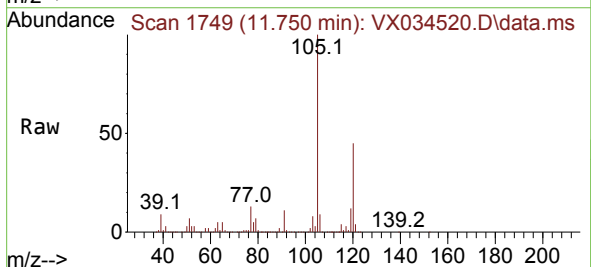
Instrument :  
MSVOA\_X  
ClientSampleId :  
33969

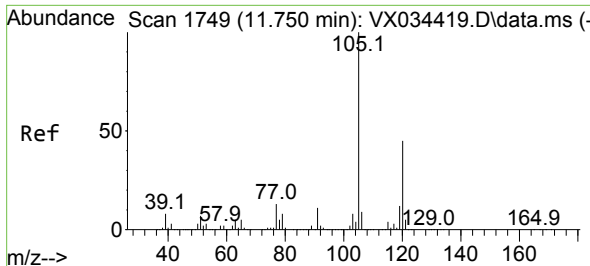
Tgt Ion: 91 Resp: 19383  
Ion Ratio Lower Upper  
91 100  
126 0.1 14.2 42.6#



#83  
tert-Butylbenzene  
Concen: 5.403 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.037 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

Tgt Ion: 119 Resp: 65183  
Ion Ratio Lower Upper  
119 100  
91 95.7 30.6 92.0#  
134 0.0 11.8 35.4#

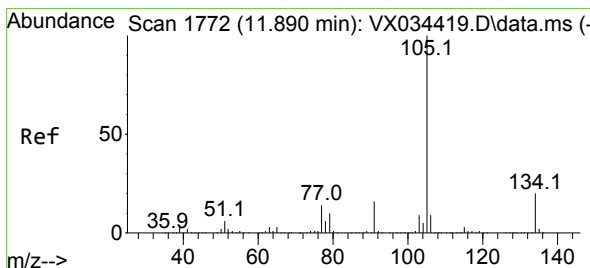
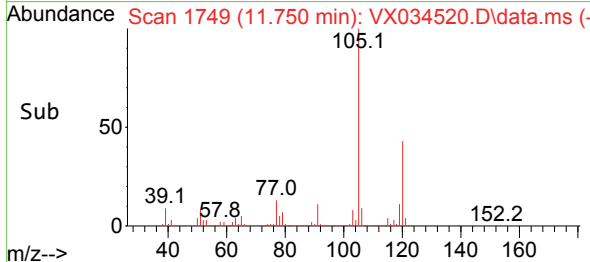
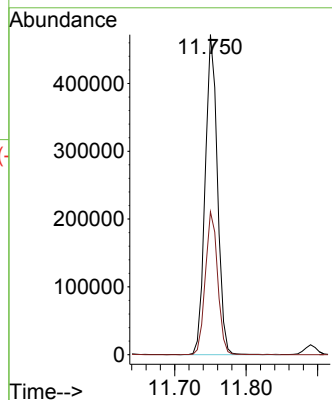
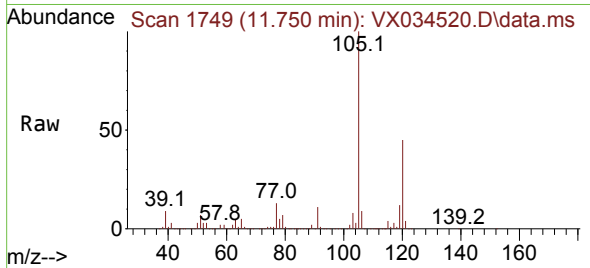




#84  
1,2,4-Trimethylbenzene  
Concen: 45.963 ug/l  
RT: 11.750 min Scan# 11749  
Delta R.T. 0.000 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

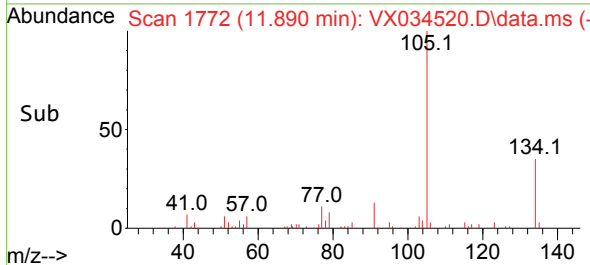
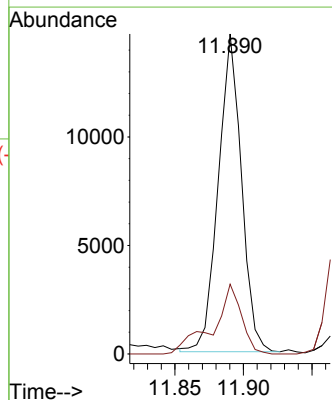
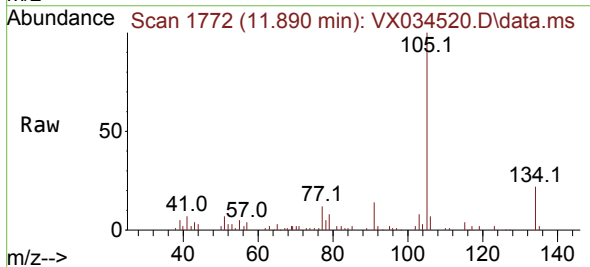
Instrument :  
MSVOA\_X  
ClientSampleId :  
33969

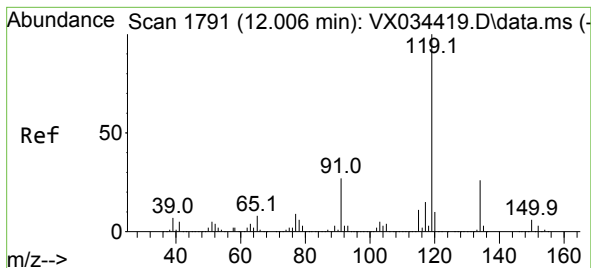
Tgt Ion:105 Resp: 562101  
Ion Ratio Lower Upper  
105 100  
120 45.0 22.4 67.0



#85  
sec-Butylbenzene  
Concen: 1.166 ug/l  
RT: 11.890 min Scan# 1772  
Delta R.T. 0.000 min  
Lab File: VX034520.D  
Acq: 15 Mar 2023 19:54

Tgt Ion:105 Resp: 17201  
Ion Ratio Lower Upper  
105 100  
134 27.0 10.2 30.4





#86

p-Isopropyltoluene

Concen: 1.213 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX034520.D

Acq: 15 Mar 2023 19:54

Instrument :

MSVOA\_X

ClientSampleId :

33969

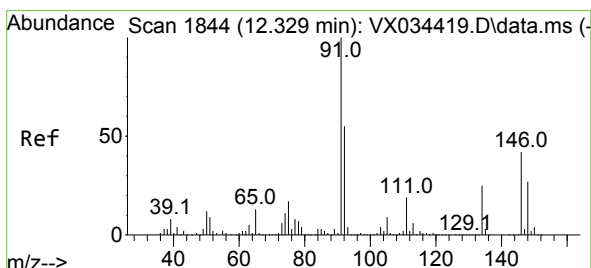
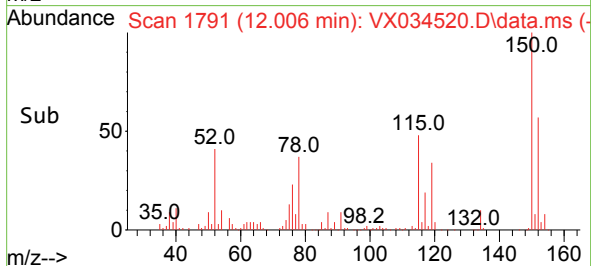
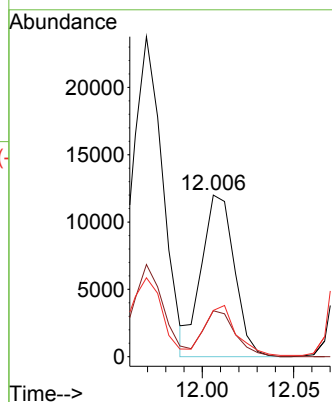
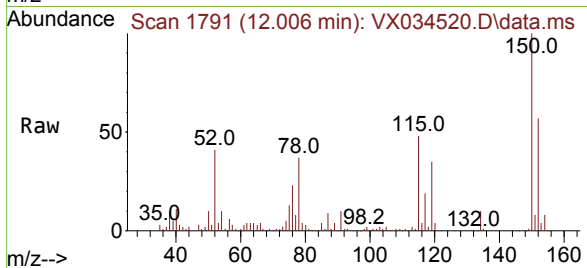
Tgt Ion:119 Resp: 15043

Ion Ratio Lower Upper

119 100

134 27.3 13.2 39.5

91 29.6 12.9 38.7



#89

n-Butylbenzene

Concen: 3.713 ug/l

RT: 12.323 min Scan# 1843

Delta R.T. -0.006 min

Lab File: VX034520.D

Acq: 15 Mar 2023 19:54

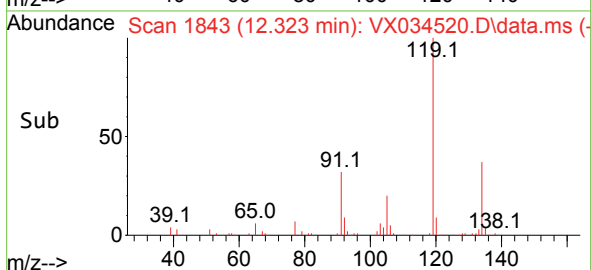
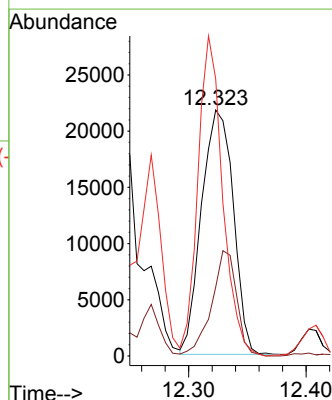
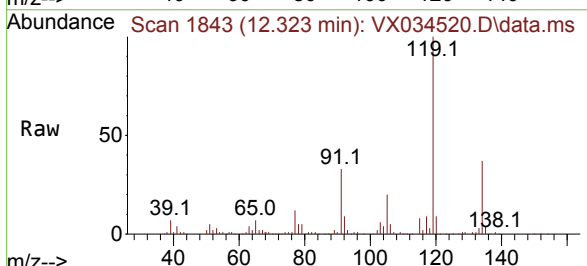
Tgt Ion: 91 Resp: 40916

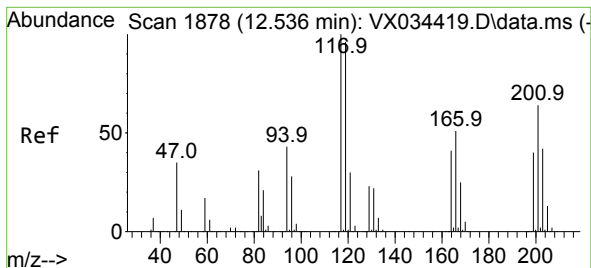
Ion Ratio Lower Upper

91 100

92 34.0 27.7 83.0

134 101.7 13.0 38.9#





#90

Hexachloroethane

Concen: 2.879 ug/l

RT: 12.530 min Scan# 117

Delta R.T. -0.006 min

Lab File: VX034520.D

Acq: 15 Mar 2023 19:54

Instrument :

MSVOA\_X

ClientSampleId :

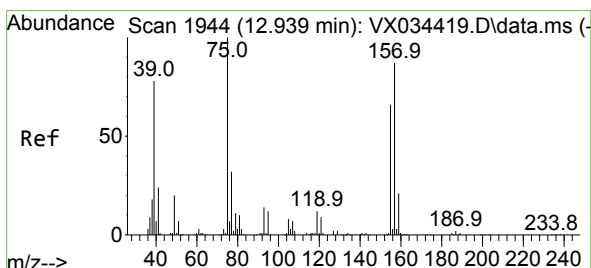
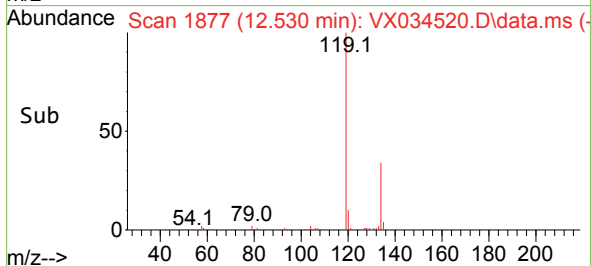
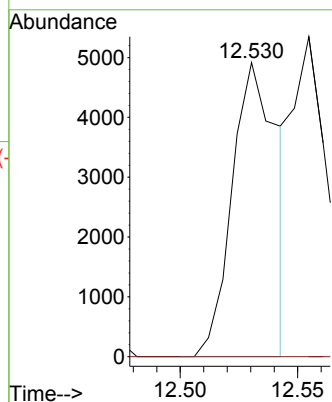
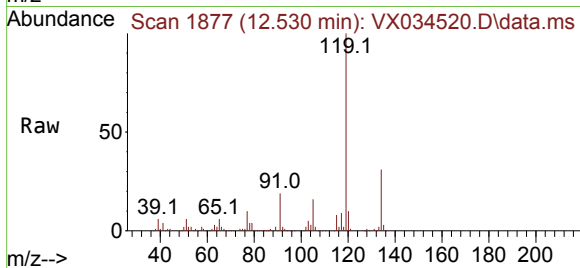
33969

Tgt Ion:117 Resp: 6603

Ion Ratio Lower Upper

117 100

201 0.0 34.4 103.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.647 ug/l

RT: 12.921 min Scan# 1941

Delta R.T. -0.018 min

Lab File: VX034520.D

Acq: 15 Mar 2023 19:54

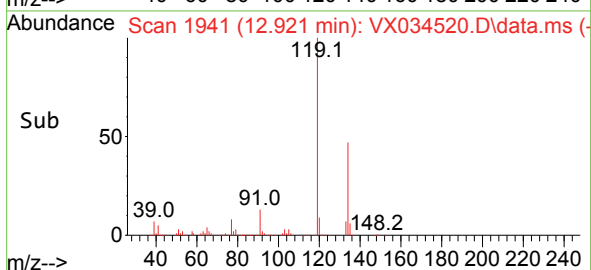
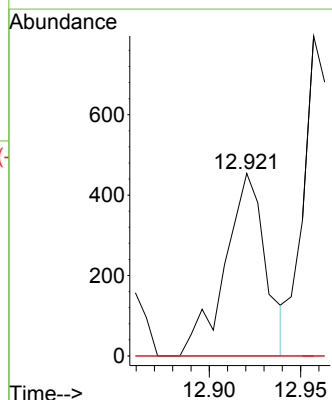
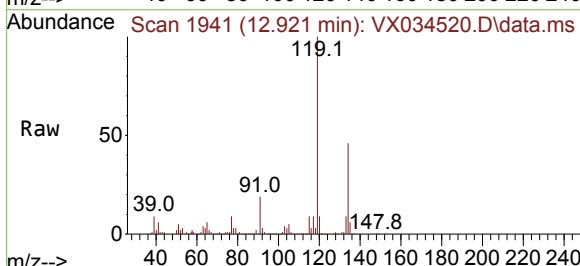
Tgt Ion: 75 Resp: 700

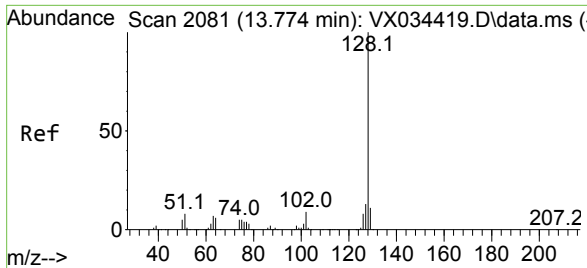
Ion Ratio Lower Upper

75 100

155 0.0 38.4 115.1#

157 0.0 49.9 149.7#





#95

Naphthalene

Concen: 9.228 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX034520.D

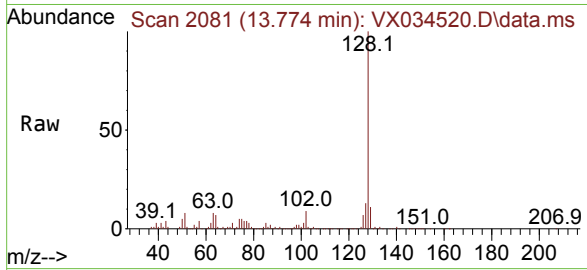
Acq: 15 Mar 2023 19:54

Instrument :

MSVOA\_X

ClientSampleId :

33969



Tgt Ion:128 Resp: 125414

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.9 8.6 13.0

