

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031723\  
 Data File : VX034615.D  
 Acq On : 18 Mar 2023 06:28  
 Operator : JC/MD  
 Sample : 01964-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MAPLE-4

Quant Time: Mar 20 00:18:26 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

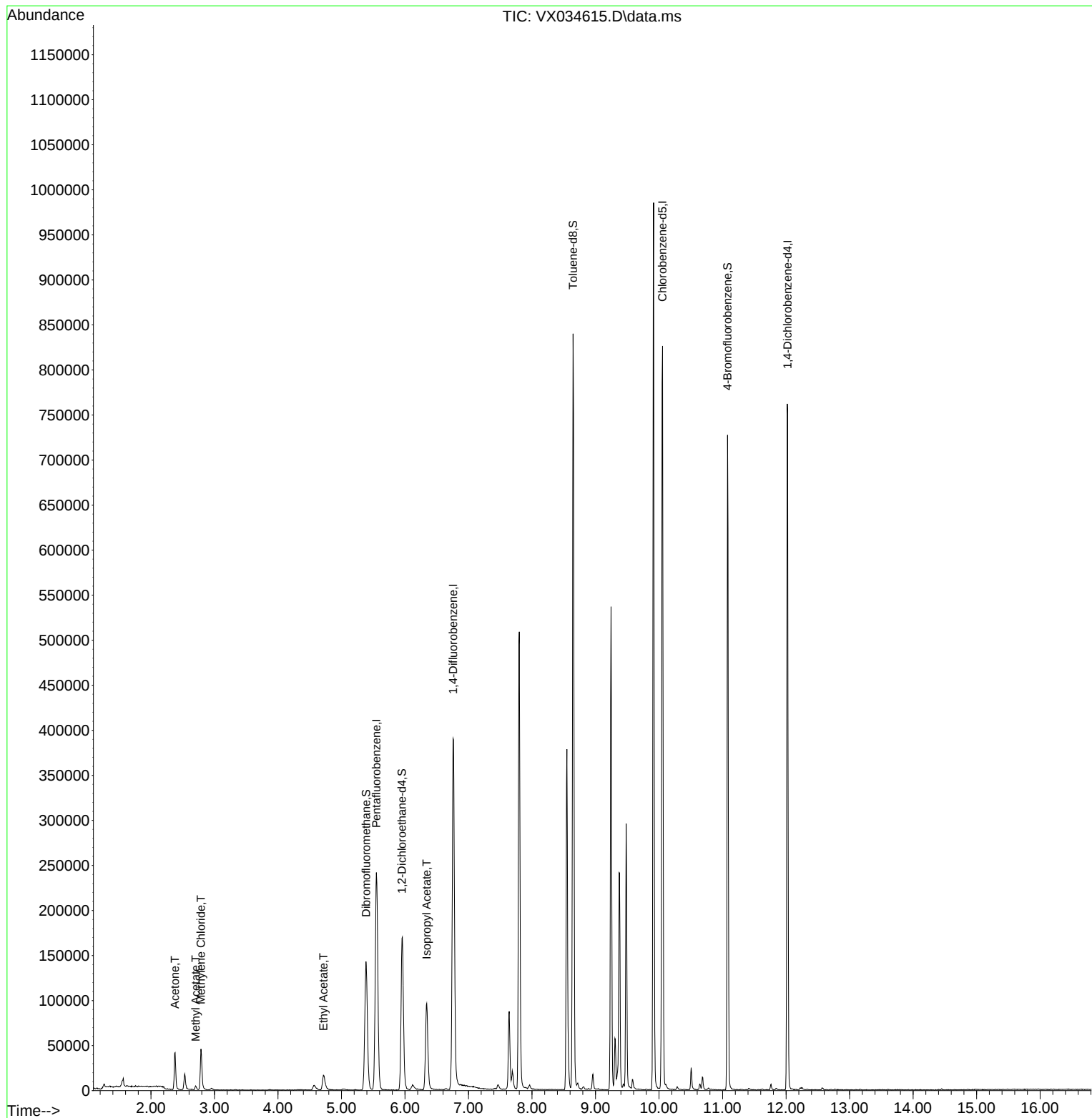
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 228159   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 388458   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 360037   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 154800   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 159171   | 47.954   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 95.900%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 122702   | 47.841   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 95.680%  |
| 50) Toluene-d8              | 8.647  | 98    | 477971   | 49.921   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 99.840%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 181016   | 46.806   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 93.620%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 43822    | 28.028   | ug/l   | 99       |
| 18) Methyl Acetate          | 2.703  | 43    | 5572     | 1.091    | ug/l   | 96       |
| 20) Methylene Chloride      | 2.788  | 84    | 19492    | 6.423    | ug/l   | 98       |
| 37) Ethyl Acetate           | 4.715  | 43    | 31583    | 7.339    | ug/l   | 100      |
| 43) Isopropyl Acetate       | 6.342  | 43    | 137586   | 18.872   | ug/l   | 100      |
| -----                       |        |       |          |          |        |          |

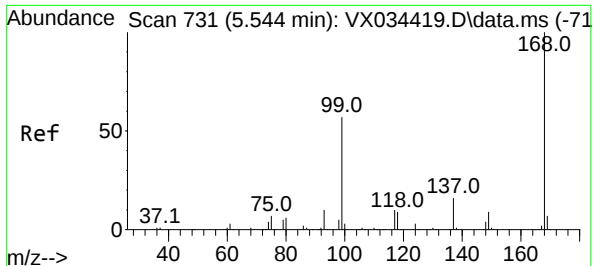
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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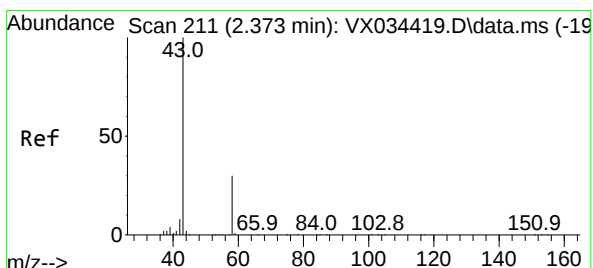
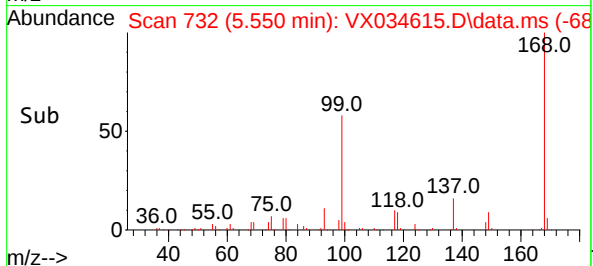
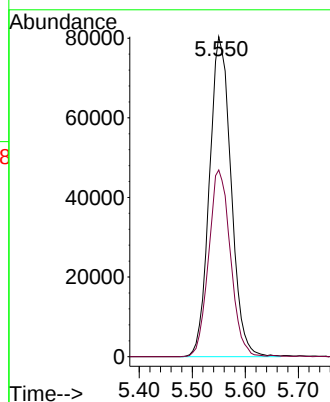
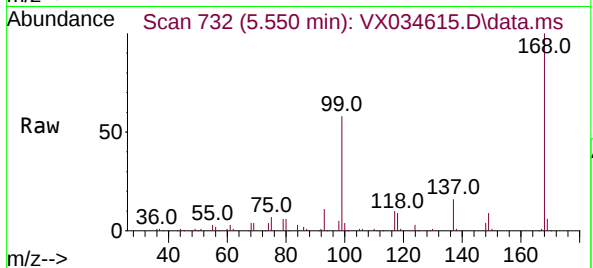




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX034615.D  
Acq: 18 Mar 2023 06:28

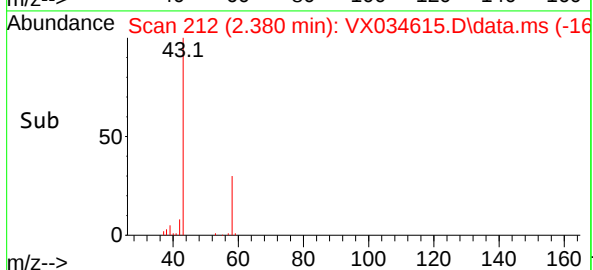
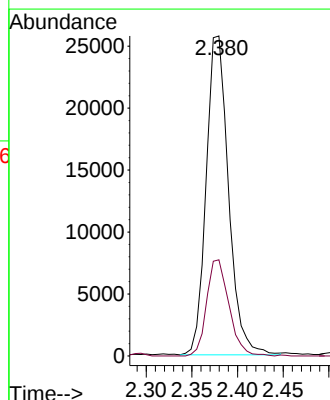
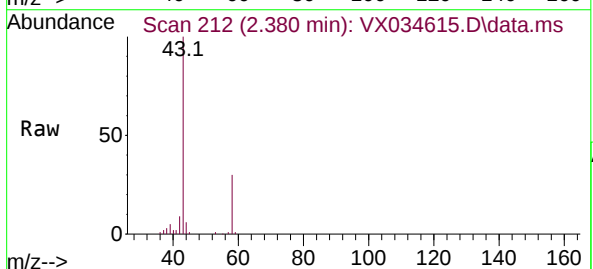
Instrument :  
MSVOA\_X  
ClientSampleId :  
MAPLE-4

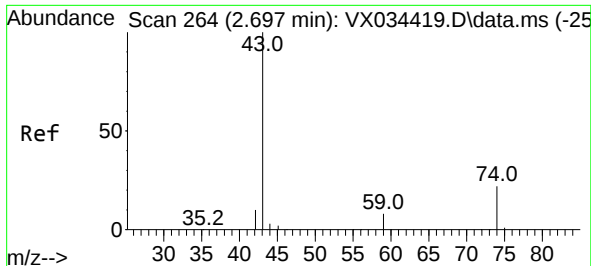
Tgt Ion:168 Resp: 228159  
Ion Ratio Lower Upper  
168 100  
99 58.3 45.7 68.5



#16  
Acetone  
Concen: 28.028 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX034615.D  
Acq: 18 Mar 2023 06:28

Tgt Ion: 43 Resp: 43822  
Ion Ratio Lower Upper  
43 100  
58 30.2 24.7 37.1





#18

Methyl Acetate

Concen: 1.091 ug/l

RT: 2.703 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX034615.D

Acq: 18 Mar 2023 06:28

Instrument :

MSVOA\_X

ClientSampleId :

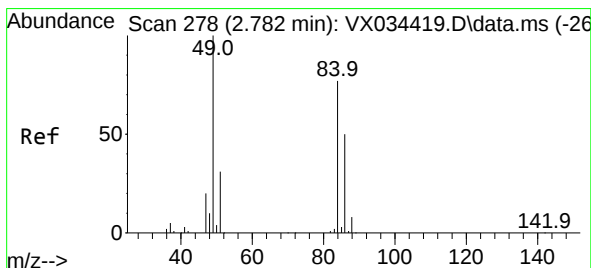
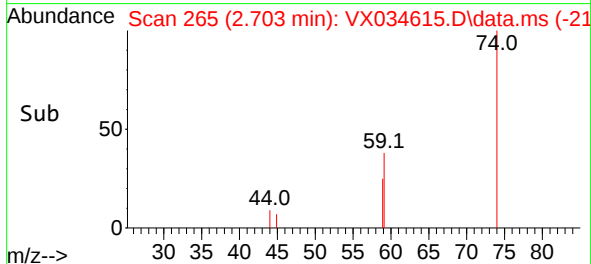
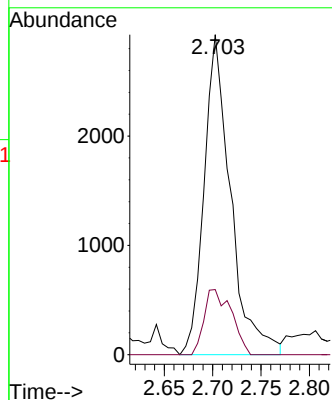
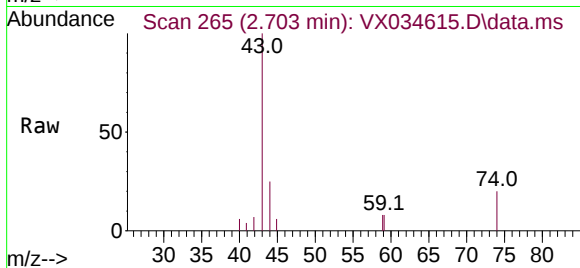
MAPLE-4

Tgt Ion: 43 Resp: 5572

Ion Ratio Lower Upper

43 100

74 21.0 18.3 27.5



#20

Methylene Chloride

Concen: 6.423 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX034615.D

Acq: 18 Mar 2023 06:28

Tgt Ion: 84 Resp: 19492

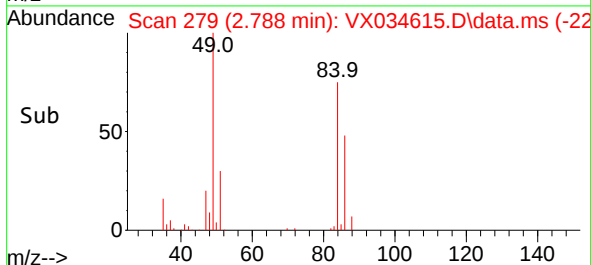
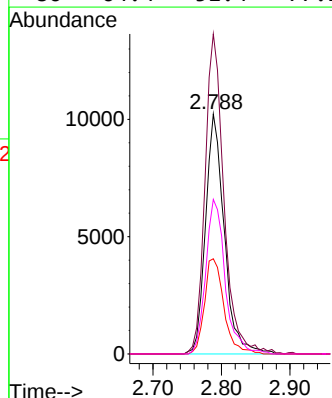
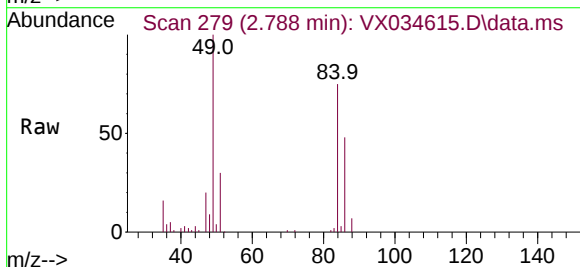
Ion Ratio Lower Upper

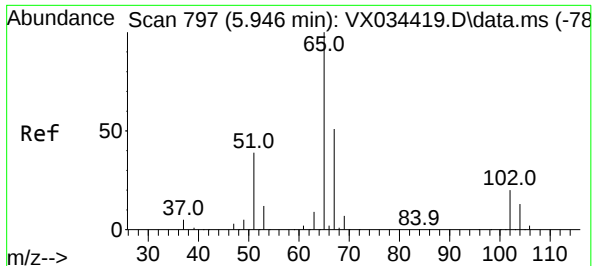
84 100

49 133.3 103.8 155.8

51 39.7 31.8 47.8

86 64.4 51.4 77.2

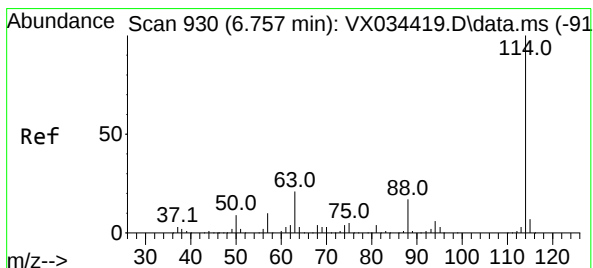
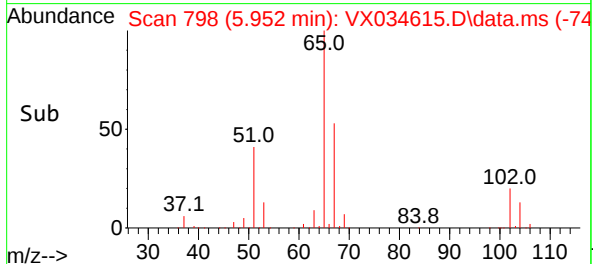
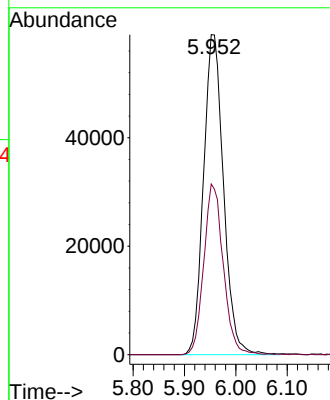
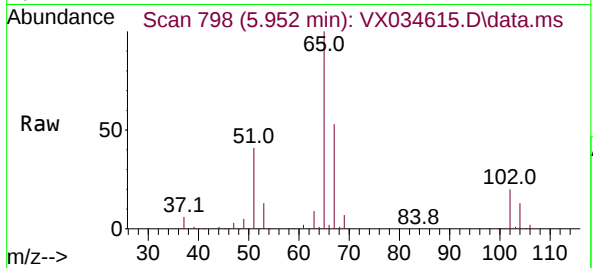




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.954 ug/l  
 RT: 5.952 min Scan# 797  
 Delta R.T. 0.006 min  
 Lab File: VX034615.D  
 Acq: 18 Mar 2023 06:28

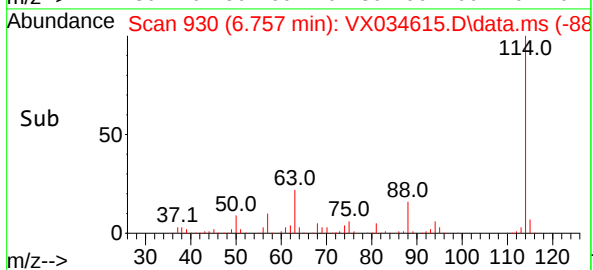
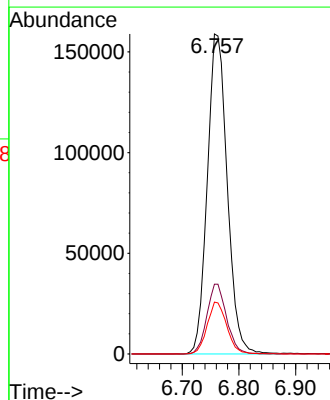
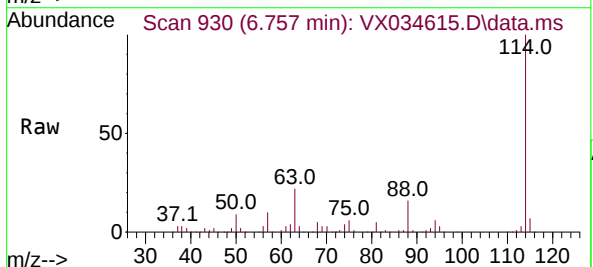
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MAPLE-4

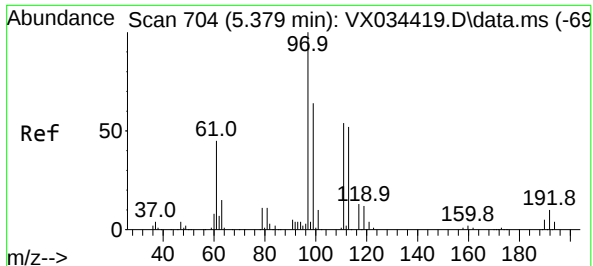
Tgt Ion: 65 Resp: 159171  
 Ion Ratio Lower Upper  
 65 100  
 67 51.9 0.0 104.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. 0.000 min  
 Lab File: VX034615.D  
 Acq: 18 Mar 2023 06:28

Tgt Ion: 114 Resp: 388458  
 Ion Ratio Lower Upper  
 114 100  
 63 21.8 0.0 42.2  
 88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.841 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX034615.D

Acq: 18 Mar 2023 06:28

Instrument :

MSVOA\_X

ClientSampleId :

MAPLE-4

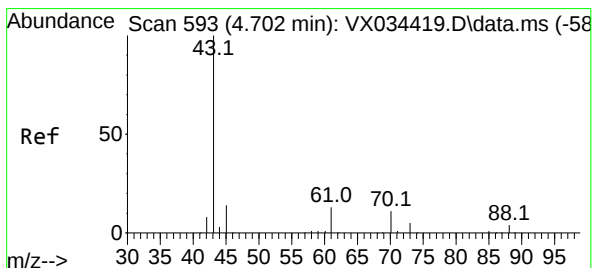
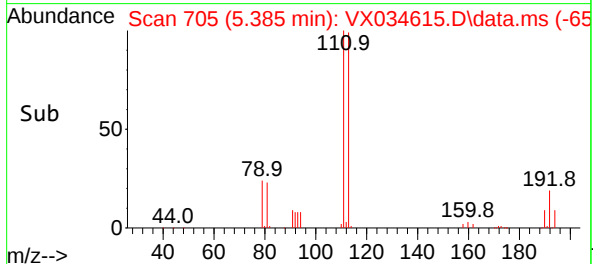
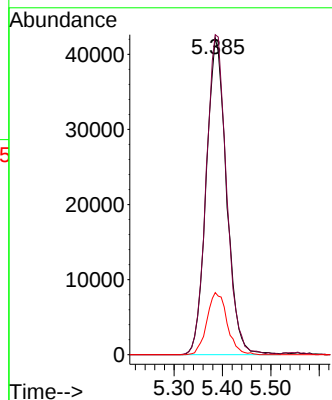
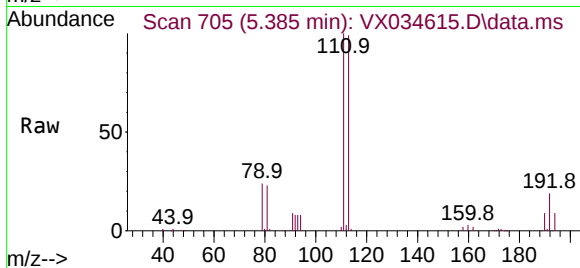
Tgt Ion:113 Resp: 122702

Ion Ratio Lower Upper

113 100

111 101.6 83.7 125.5

192 19.5 15.4 23.2



#37

Ethyl Acetate

Concen: 7.339 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX034615.D

Acq: 18 Mar 2023 06:28

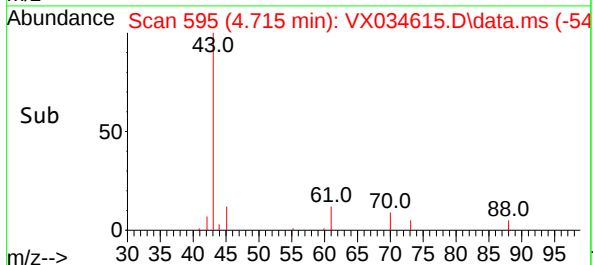
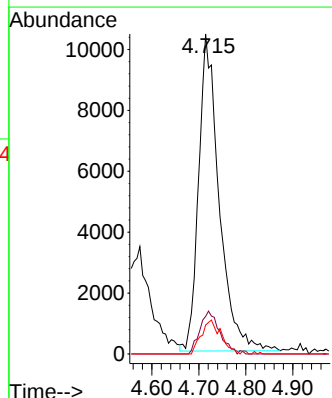
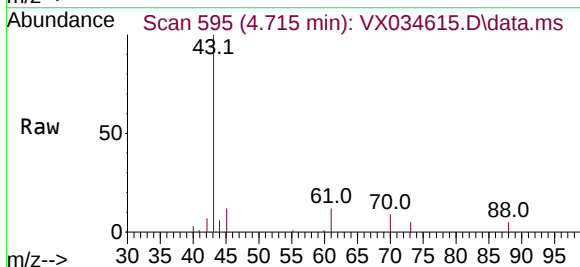
Tgt Ion: 43 Resp: 31583

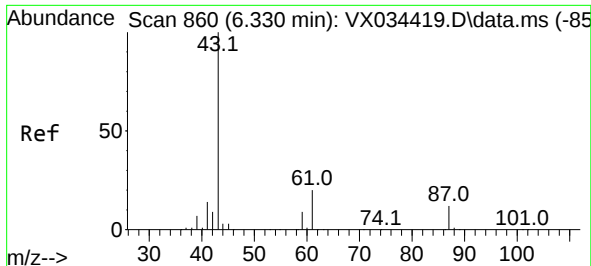
Ion Ratio Lower Upper

43 100

61 12.9 10.2 15.4

70 10.3 8.2 12.4

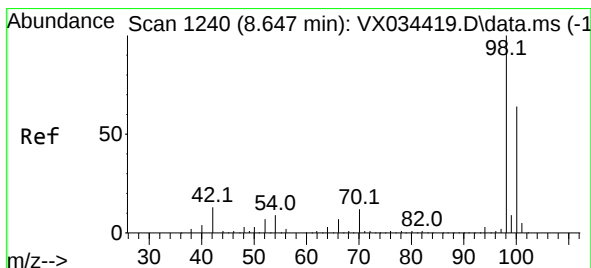
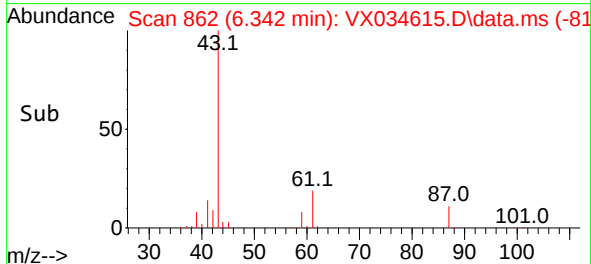
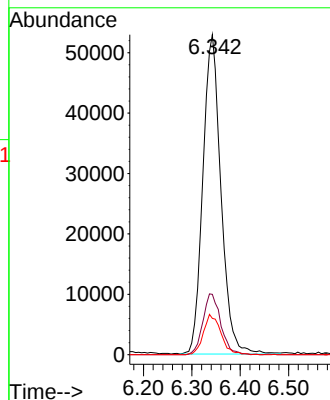
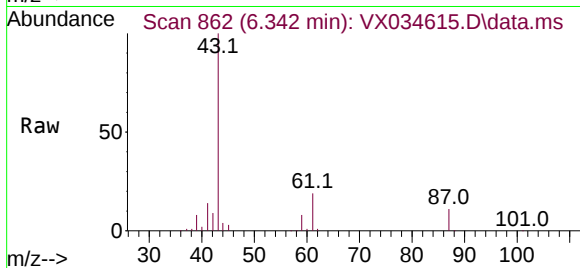




#43  
Isopropyl Acetate  
Concen: 18.872 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.012 min  
Lab File: VX034615.D  
Acq: 18 Mar 2023 06:28

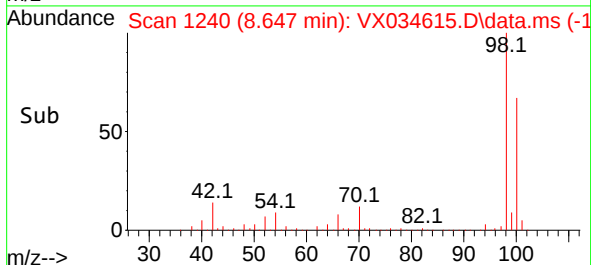
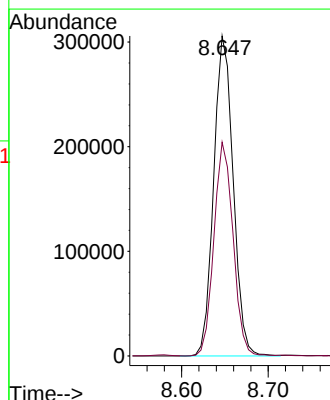
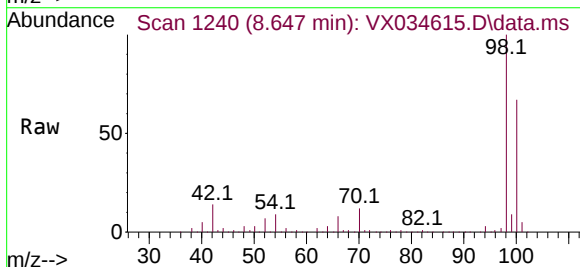
Instrument :  
MSVOA\_X  
ClientSampleId :  
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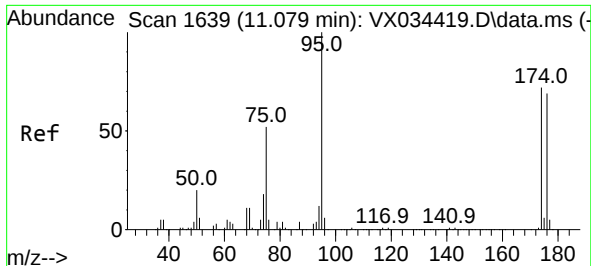
Tgt Ion: 43 Resp: 137586  
Ion Ratio Lower Upper  
43 100  
61 18.7 15.2 22.8  
87 12.2 9.8 14.8



#50  
Toluene-d8  
Concen: 49.921 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX034615.D  
Acq: 18 Mar 2023 06:28

Tgt Ion: 98 Resp: 477971  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.5 78.7

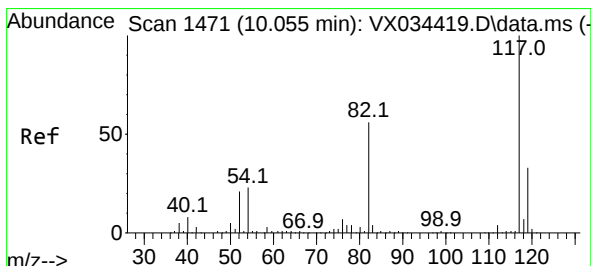
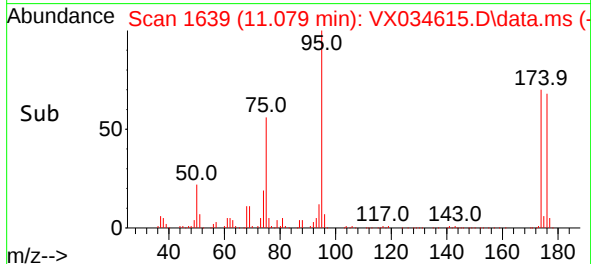
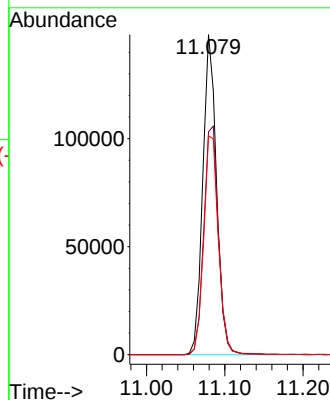
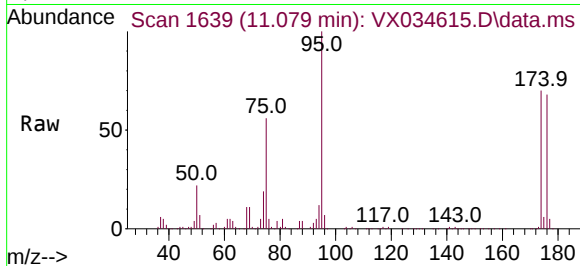




#62  
4-Bromofluorobenzene  
Concen: 46.806 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX034615.D  
Acq: 18 Mar 2023 06:28

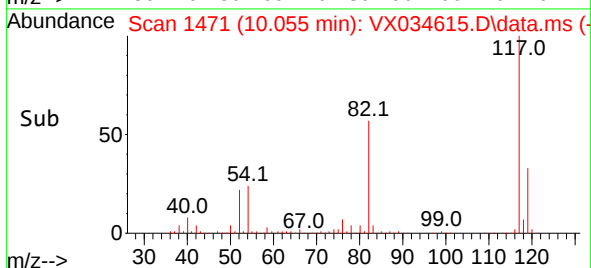
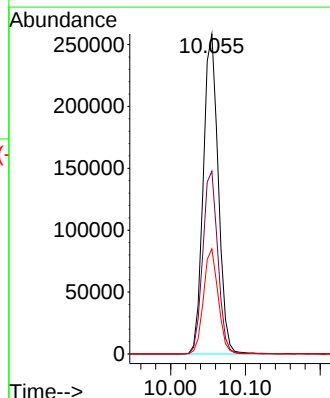
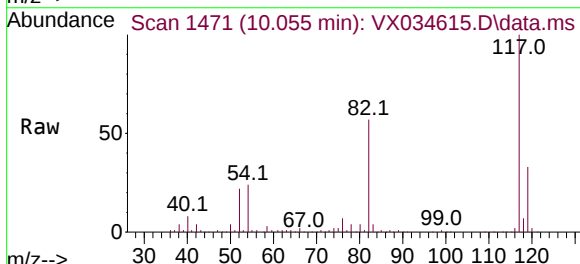
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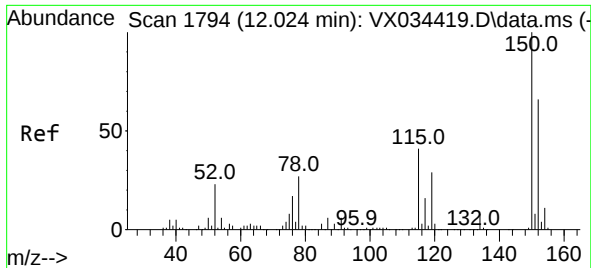
Tgt Ion: 95 Resp: 181016  
Ion Ratio Lower Upper  
95 100  
174 76.3 0.0 147.4  
176 72.9 0.0 140.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX034615.D  
Acq: 18 Mar 2023 06:28

Tgt Ion: 117 Resp: 360037  
Ion Ratio Lower Upper  
117 100  
82 57.1 45.0 67.4  
119 32.8 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034615.D

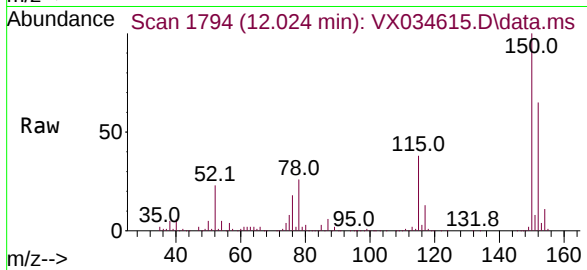
Acq: 18 Mar 2023 06:28

Instrument :

MSVOA\_X

ClientSampleId :

MAPLE-4



Tgt Ion:152 Resp: 154800

Ion Ratio Lower Upper

152 100

115 60.2 45.0 135.0

150 156.8 0.0 352.4

