

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031121\  
 Data File : VX021166.D  
 Acq On : 11 Mar 2021 19:08  
 Operator : JC/MD  
 Sample : M1648-07 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 COMP1-41727:28

Quant Time: Mar 12 02:23:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022421W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 24 13:50:55 2021  
 Response via : Initial Calibration

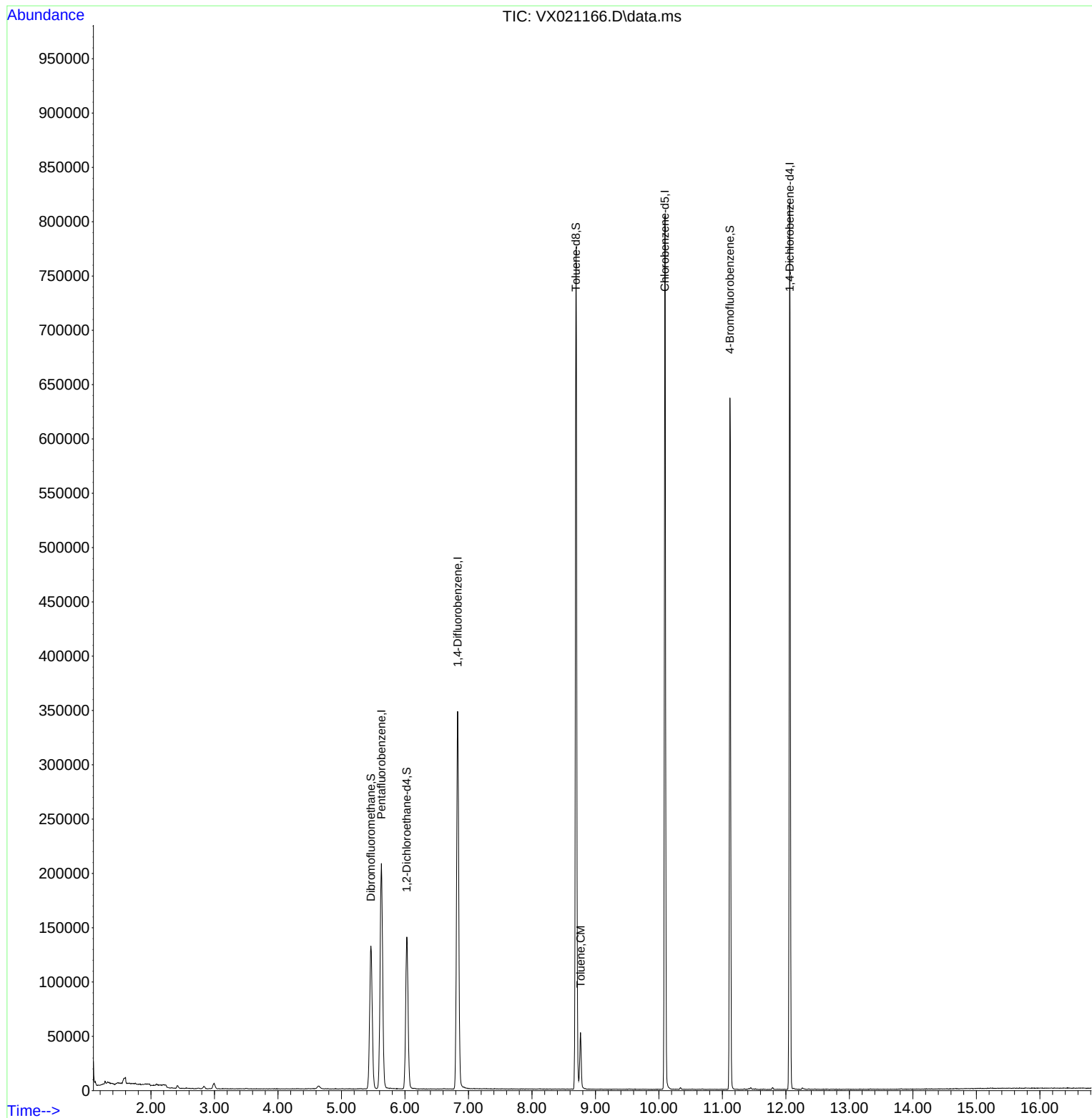
| Compound                    | R.T.           | QIon | Response           | Conc  | Units | Dev(Min)  |
|-----------------------------|----------------|------|--------------------|-------|-------|-----------|
| -----                       |                |      |                    |       |       |           |
| Internal Standards          |                |      |                    |       |       |           |
| 1) Pentafluorobenzene       | 5.629          | 168  | 205797             | 50.00 | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.829          | 114  | 369673             | 50.00 | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.094         | 117  | 364971             | 50.00 | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.059         | 152  | 170763             | 50.00 | ug/l  | 0.00      |
|                             |                |      |                    |       |       |           |
| System Monitoring Compounds |                |      |                    |       |       |           |
| 33) 1,2-Dichloroethane-d4   | 6.029          | 65   | 132562             | 47.69 | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = 95.38%  |       |       |           |
| 35) Dibromofluoromethane    | 5.464          | 113  | 117076             | 52.13 | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = 104.26% |       |       |           |
| 50) Toluene-d8              | 8.694          | 98   | 466685             | 53.29 | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = 106.58% |       |       |           |
| 62) 4-Bromofluorobenzene    | 11.118         | 95   | 178977             | 55.27 | ug/l  | 0.00      |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = 110.54% |       |       |           |
|                             |                |      |                    |       |       |           |
| Target Compounds            |                |      |                    |       |       |           |
| 52) Toluene                 | 8.765          | 92   | 19601              | 2.99  | ug/l  | Qvalue 98 |
| -----                       |                |      |                    |       |       |           |

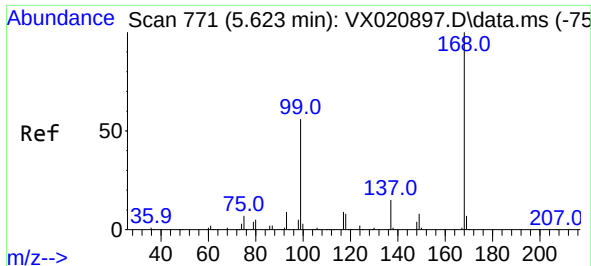
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022421W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 24 13:50:55 2021  
Response via : Initial Calibration

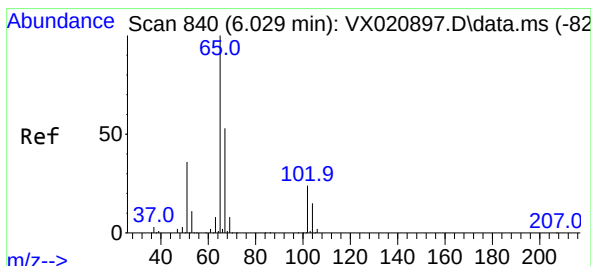
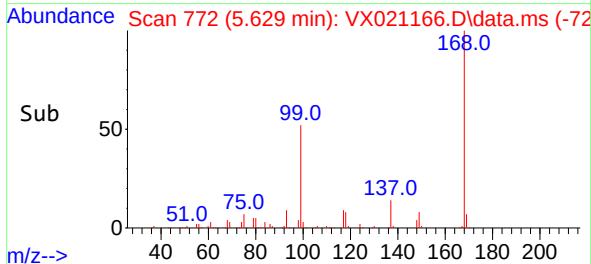
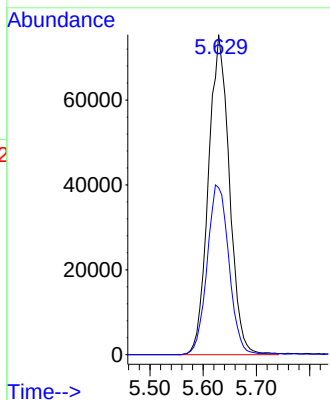
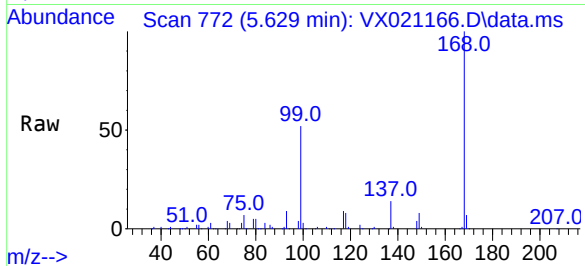




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 772  
Delta R.T. 0.006 min  
Lab File: VX021166.D  
Acq: 11 Mar 2021 19:08

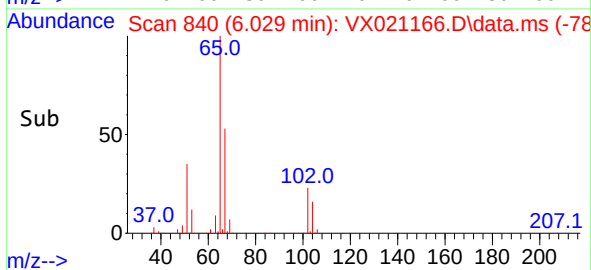
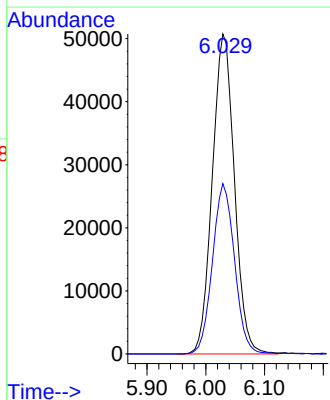
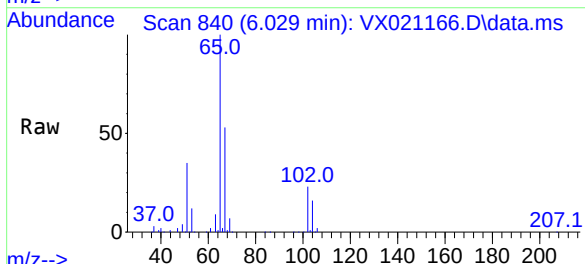
Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP1-41727:28

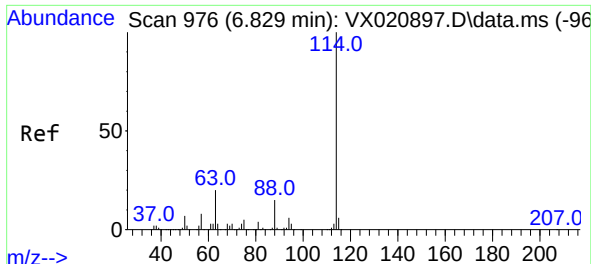
Tgt Ion:168 Resp: 205797  
Ion Ratio Lower Upper  
168 100  
99 52.2 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 47.69 ug/l  
RT: 6.029 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: VX021166.D  
Acq: 11 Mar 2021 19:08

Tgt Ion: 65 Resp: 132562  
Ion Ratio Lower Upper  
65 100  
67 53.2 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. -0.000 min

Lab File: VX021166.D

Acq: 11 Mar 2021 19:08

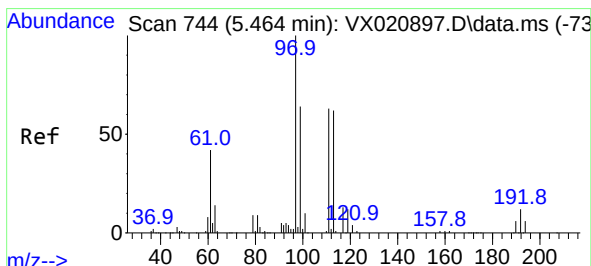
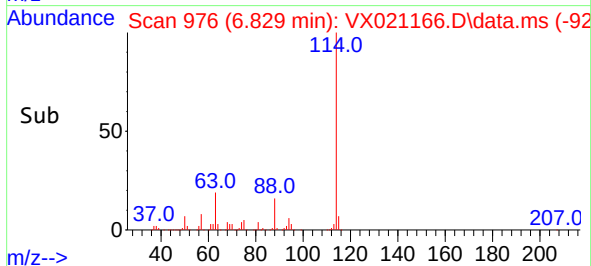
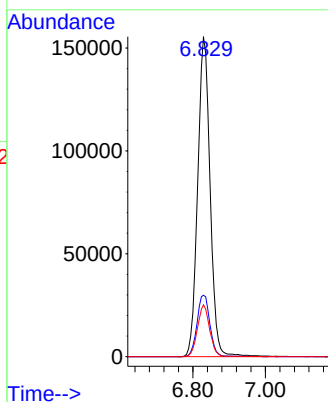
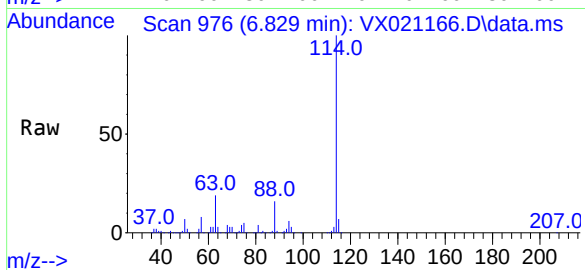
Tgt Ion:114 Resp: 369673

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.8

88 16.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 52.13 ug/l

RT: 5.464 min Scan# 744

Delta R.T. -0.000 min

Lab File: VX021166.D

Acq: 11 Mar 2021 19:08

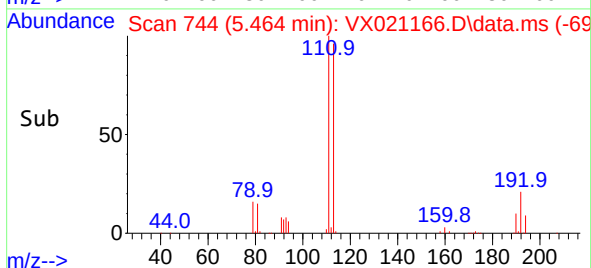
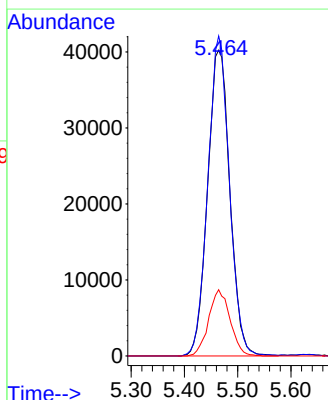
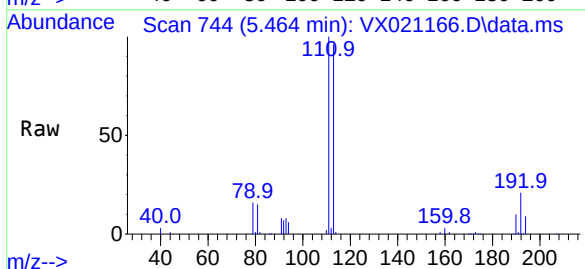
Tgt Ion:113 Resp: 117076

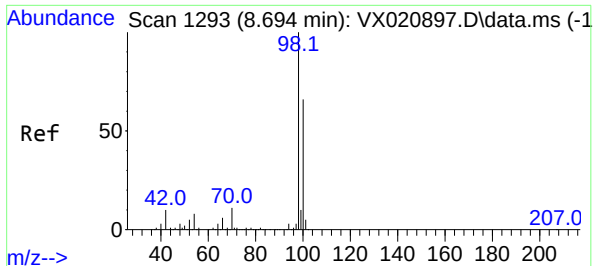
Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

192 20.8 16.7 25.1

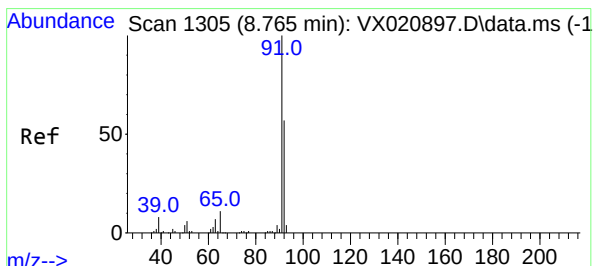
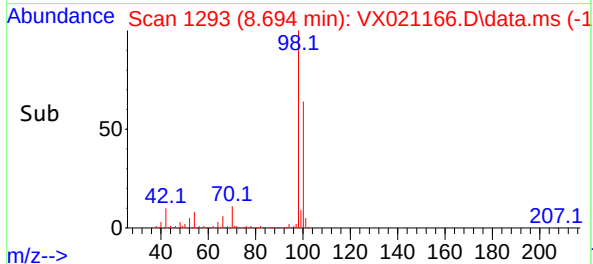
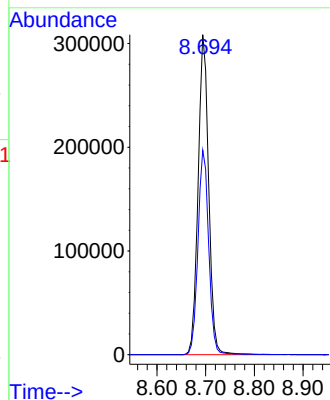
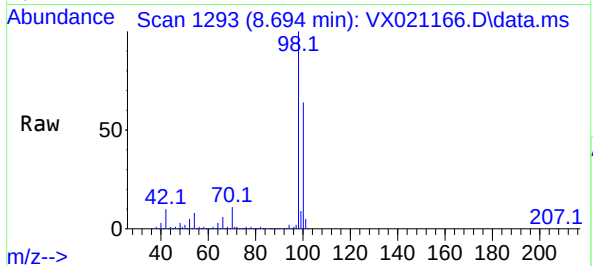




#50  
Toluene-d8  
Concen: 53.29 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: VX021166.D  
Acq: 11 Mar 2021 19:08

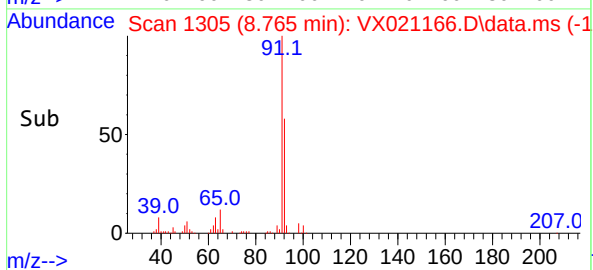
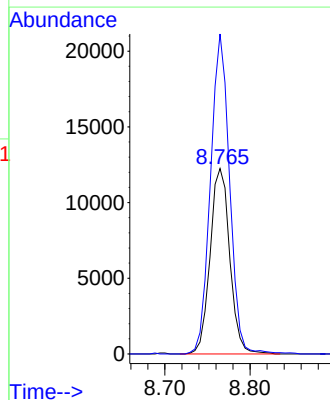
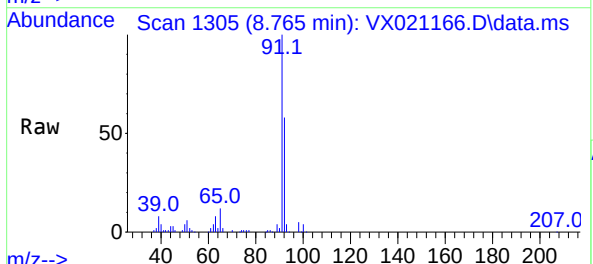
Instrument :  
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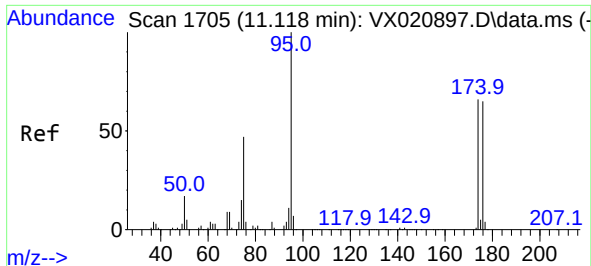
Tgt Ion: 98 Resp: 466685  
Ion Ratio Lower Upper  
98 100  
100 65.0 51.9 77.9



#52  
Toluene  
Concen: 2.99 ug/l  
RT: 8.765 min Scan# 1305  
Delta R.T. -0.000 min  
Lab File: VX021166.D  
Acq: 11 Mar 2021 19:08

Tgt Ion: 92 Resp: 19601  
Ion Ratio Lower Upper  
92 100  
91 168.0 137.1 205.7

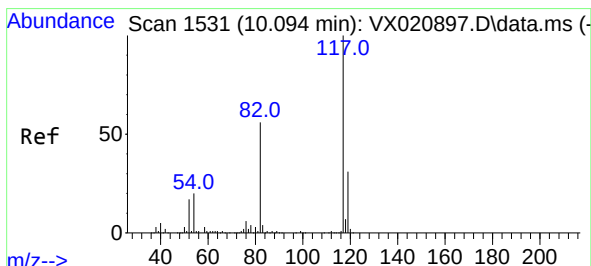
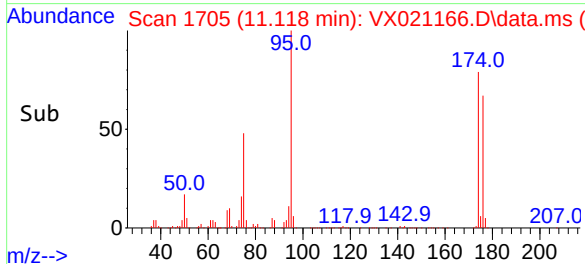
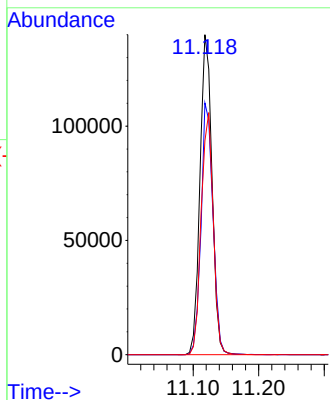
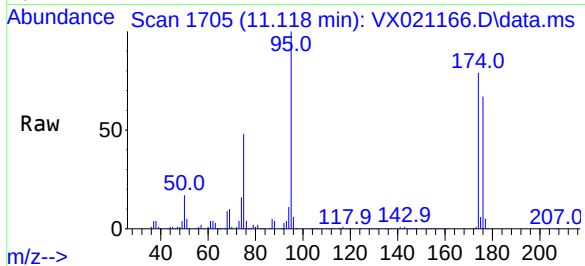




#62  
4-Bromofluorobenzene  
Concen: 55.27 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VX021166.D  
Acq: 11 Mar 2021 19:08

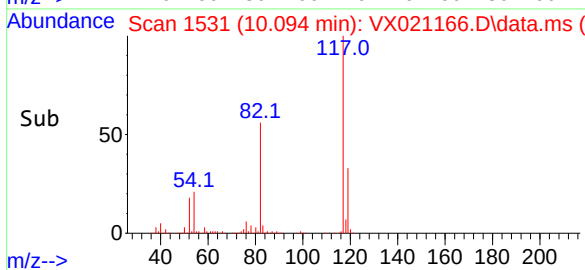
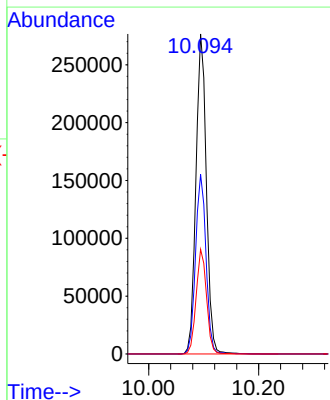
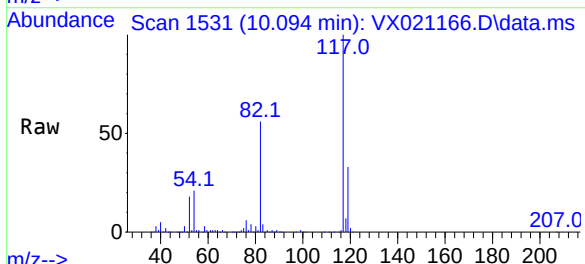
Instrument :  
MSVOA\_X  
ClientSampleId :  
COMP1-41727:28

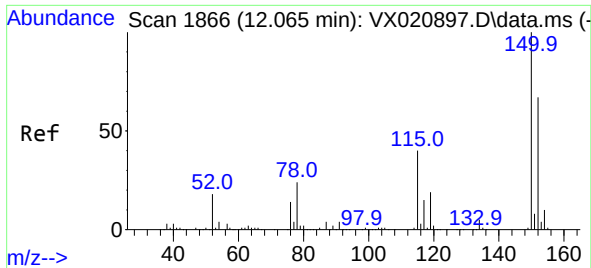
Tgt Ion: 95 Resp: 178977  
Ion Ratio Lower Upper  
95 100  
174 78.0 0.0 154.6  
176 76.0 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VX021166.D  
Acq: 11 Mar 2021 19:08

Tgt Ion: 117 Resp: 364971  
Ion Ratio Lower Upper  
117 100  
82 56.1 47.4 71.2  
119 32.7 26.6 39.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.059 min Scan# 1865  
 Delta R.T. -0.006 min  
 Lab File: VX021166.D  
 Acq: 11 Mar 2021 19:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 COMP1-41727:28

Tgt Ion:152 Resp: 170763  
 Ion Ratio Lower Upper  
 152 100  
 115 59.2 41.1 123.3  
 150 158.4 0.0 349.0

