

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030421\  
 Data File : VX020968.D  
 Acq On : 02 Mar 2021 16:48  
 Operator : JC/MD  
 Sample : VX0304WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0304WBL01

Quant Time: Mar 03 01:15:37 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      | 5.623  | 168  | 205959   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.829  | 114  | 369519   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.094 | 117  | 360864   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.059 | 152  | 152371   | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 6.029  | 65    | 131452   | 47.25    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 94.50%  |
| 35) Dibromofluoromethane    | 5.464  | 113   | 115430   | 51.41    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 102.82% |
| 50) Toluene-d8              | 8.694  | 98    | 455296   | 52.01    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 104.02% |
| 62) 4-Bromofluorobenzene    | 11.118 | 95    | 165407   | 51.10    | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 102.20% |

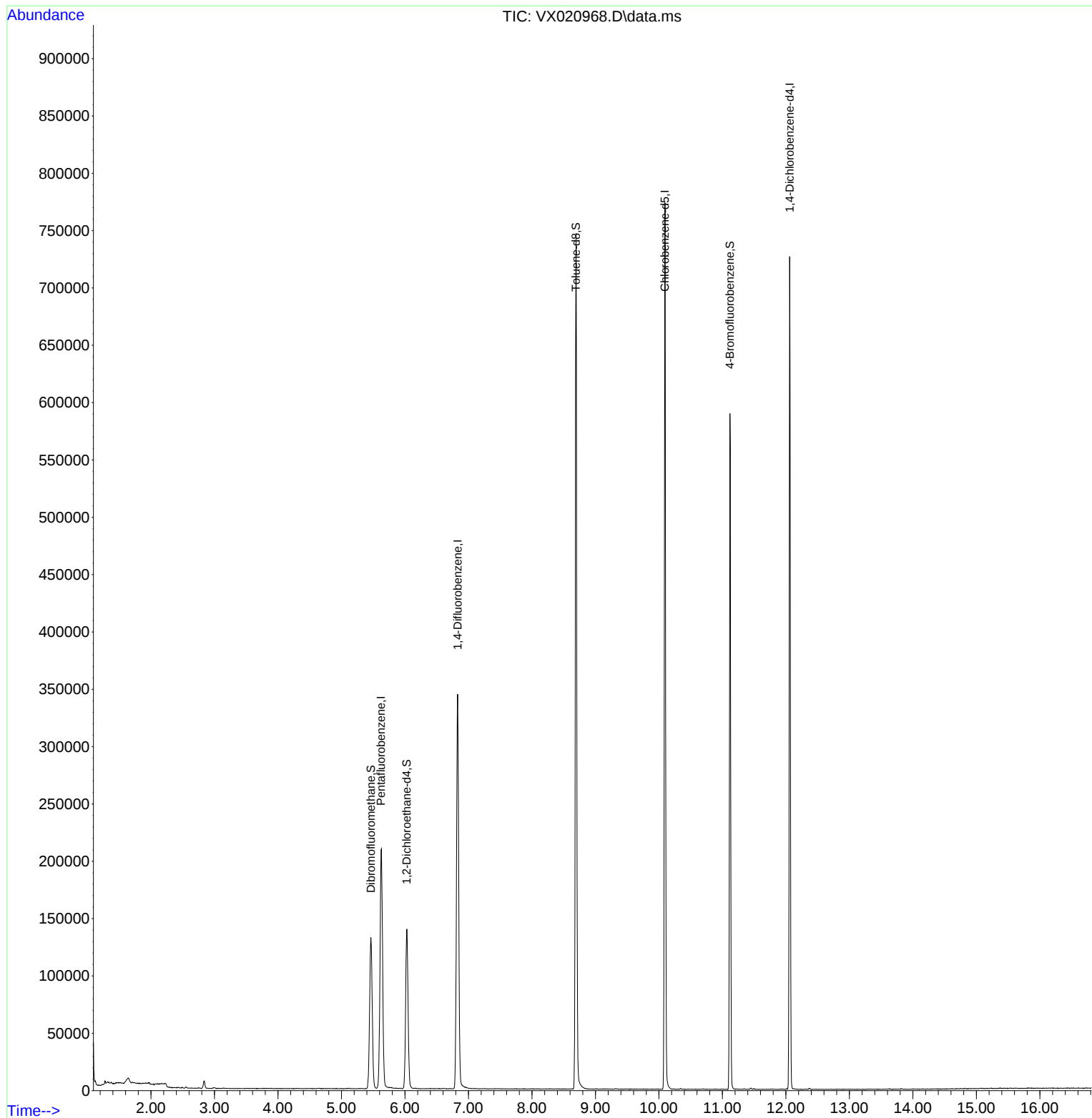
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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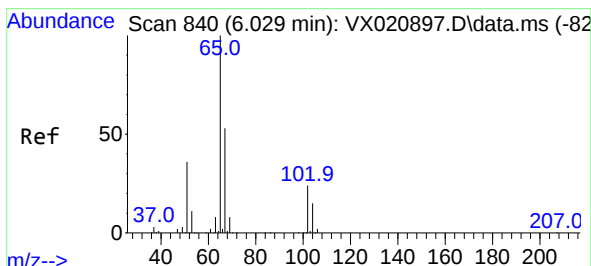
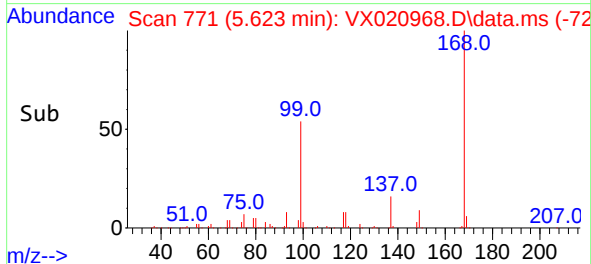
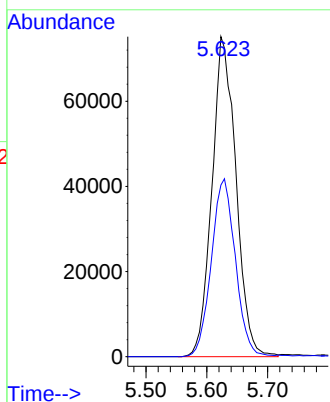
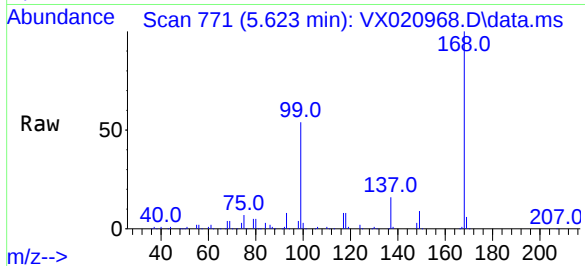




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.623 min Scan# 771  
Delta R.T. 0.000 min  
Lab File: VX020968.D  
Acq: 02 Mar 2021 16:48

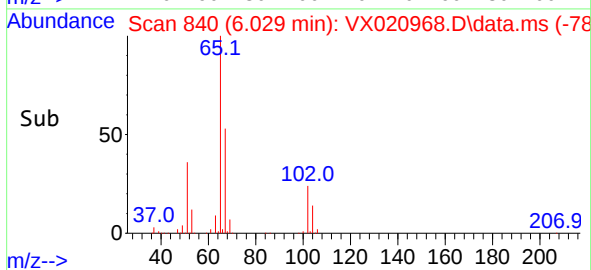
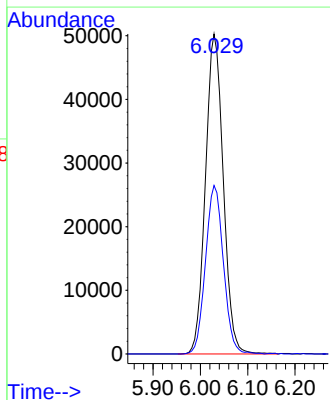
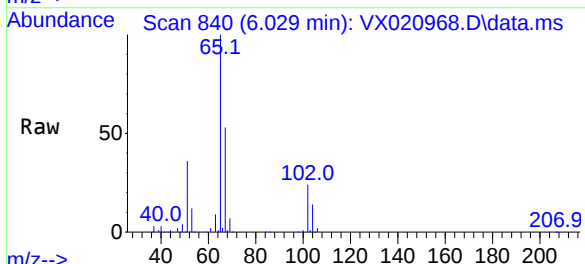
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304WBL01

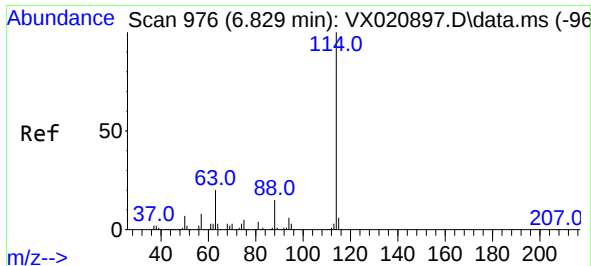
Tgt Ion:168 Resp: 205959  
Ion Ratio Lower Upper  
168 100  
99 53.7 45.8 68.6



#33  
1,2-Dichloroethane-d4  
Concen: 47.25 ug/l  
RT: 6.029 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: VX020968.D  
Acq: 02 Mar 2021 16:48

Tgt Ion: 65 Resp: 131452  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 105.4

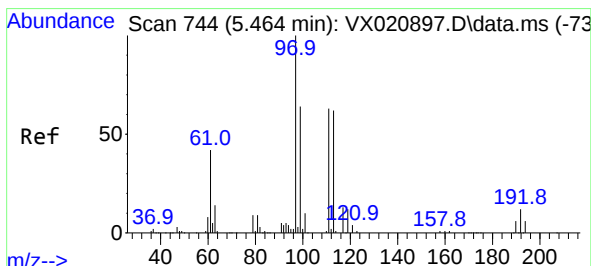
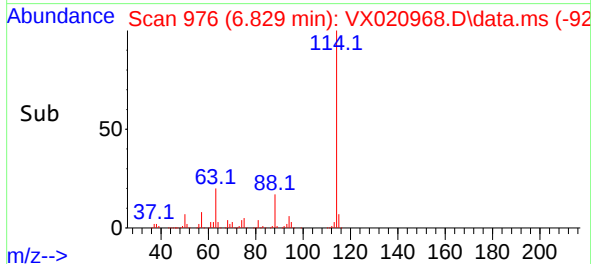
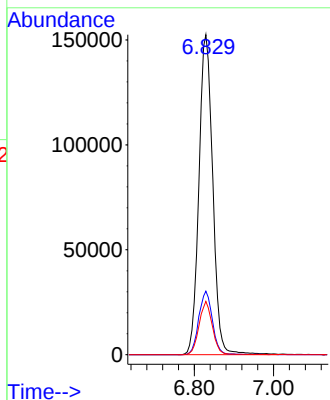
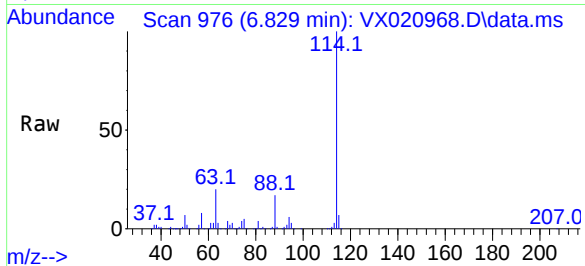




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.829 min Scan# 976  
Delta R.T. -0.000 min  
Lab File: VX020968.D  
Acq: 02 Mar 2021 16:48

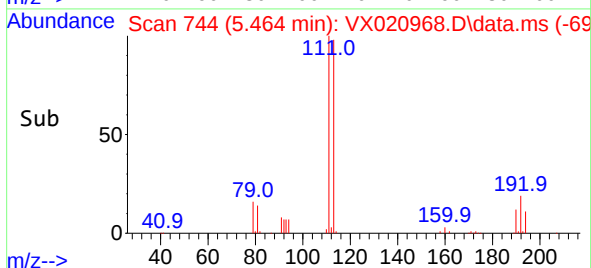
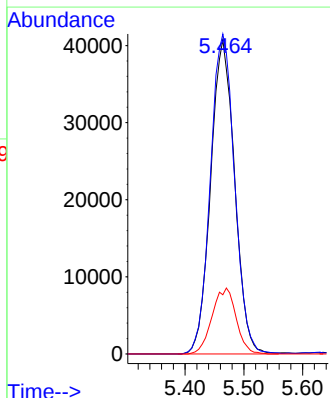
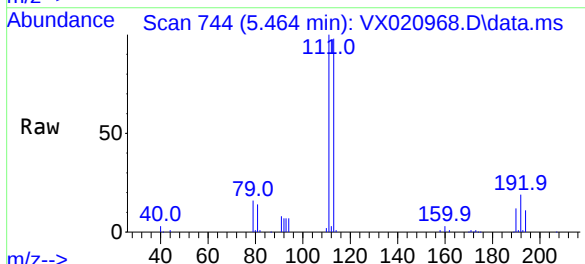
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304WBL01

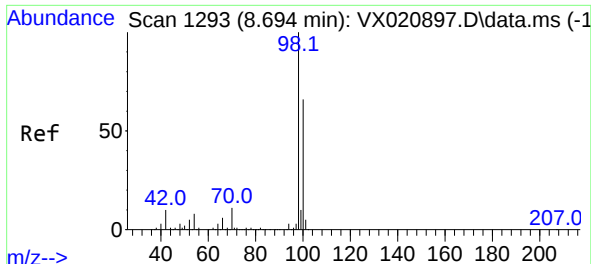
Tgt Ion:114 Resp: 369519  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 40.8  
88 16.6 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 51.41 ug/l  
RT: 5.464 min Scan# 744  
Delta R.T. -0.000 min  
Lab File: VX020968.D  
Acq: 02 Mar 2021 16:48

Tgt Ion:113 Resp: 115430  
Ion Ratio Lower Upper  
113 100  
111 102.9 81.9 122.9  
192 21.1 16.7 25.1

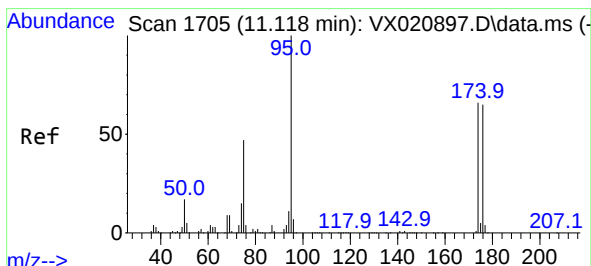
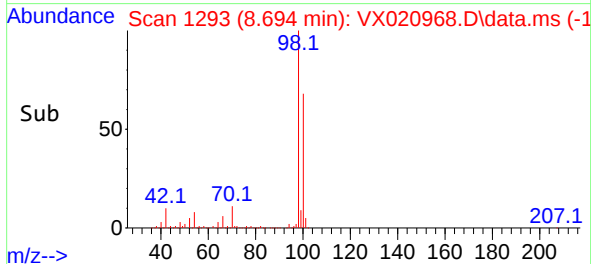
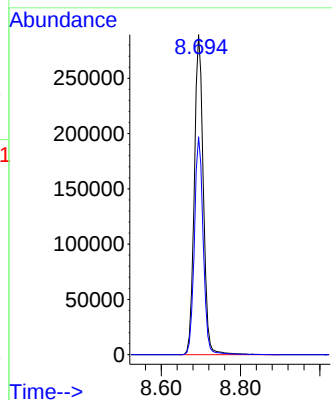
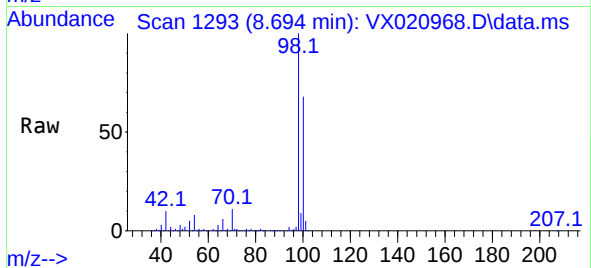




#50  
Toluene-d8  
Concen: 52.01 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: VX020968.D  
Acq: 02 Mar 2021 16:48

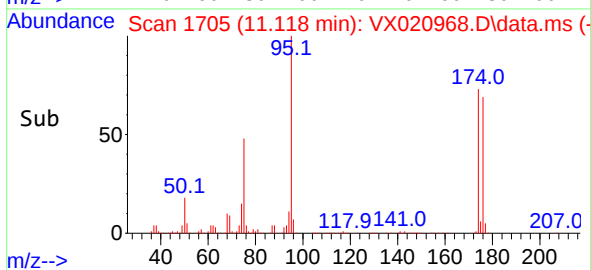
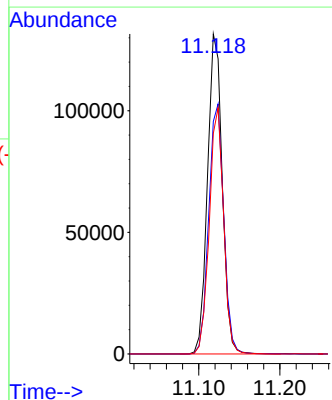
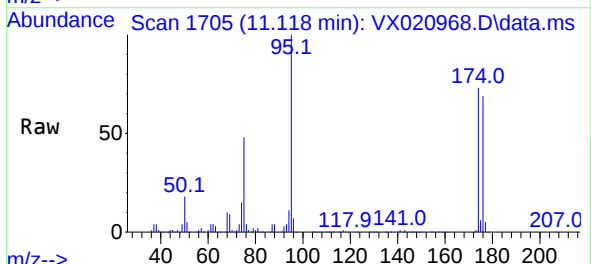
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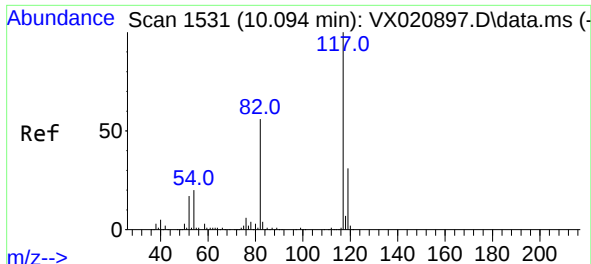
Tgt Ion: 98 Resp: 455296  
Ion Ratio Lower Upper  
98 100  
100 67.0 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 51.10 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VX020968.D  
Acq: 02 Mar 2021 16:48

Tgt Ion: 95 Resp: 165407  
Ion Ratio Lower Upper  
95 100  
174 79.6 0.0 154.6  
176 74.8 0.0 155.8

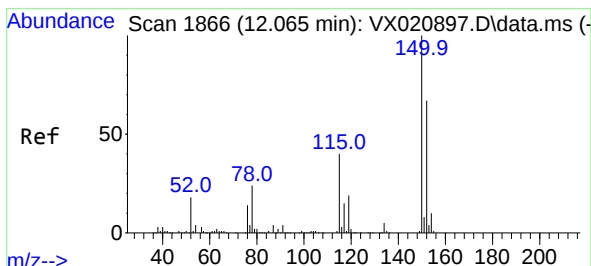
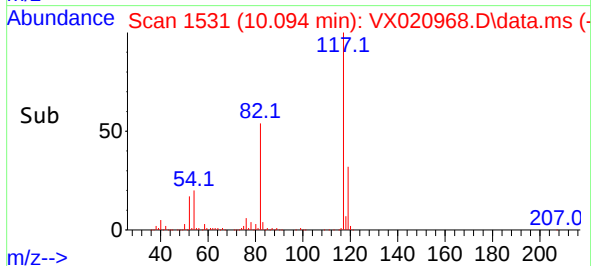
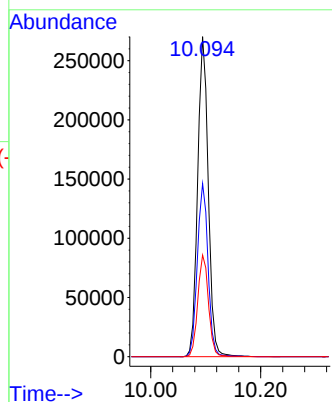
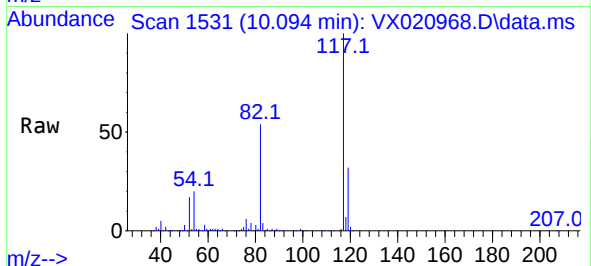




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VX020968.D  
Acq: 02 Mar 2021 16:48

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304WBL01

Tgt Ion:117 Resp: 360864  
Ion Ratio Lower Upper  
117 100  
82 54.1 47.4 71.2  
119 31.7 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: VX020968.D  
Acq: 02 Mar 2021 16:48

Tgt Ion:152 Resp: 152371  
Ion Ratio Lower Upper  
152 100  
115 59.6 41.1 123.3  
150 153.1 0.0 349.0

