

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX033021\  
 Data File : VX021640.D  
 Acq On : 30 Mar 2021 19:13  
 Operator : JC/MD  
 Sample : M1843-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 DUP06-20210324

Quant Time: Mar 31 05:01:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 24 12:25:26 2021  
 Response via : Initial Calibration

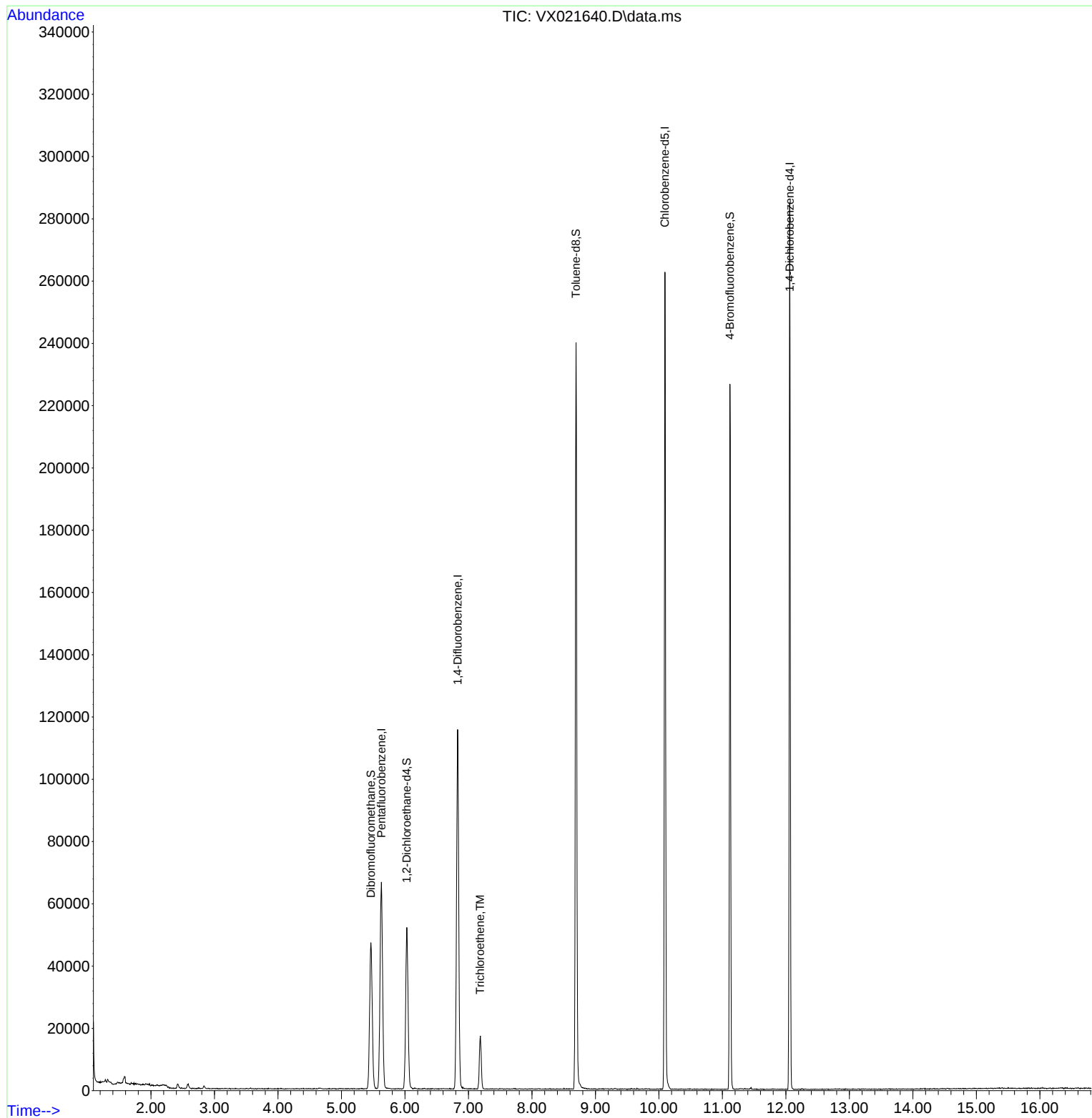
| Compound                    | R.T.   | QIon           | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|----------------|----------|-----------|-------|----------|
| -----                       |        |                |          |           |       |          |
| Internal Standards          |        |                |          |           |       |          |
| 1) Pentafluorobenzene       | 5.629  | 168            | 56392    | 50.00     | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.829  | 114            | 107084   | 50.00     | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.094 | 117            | 112085   | 50.00     | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.059 | 152            | 51772    | 50.00     | ug/l  | 0.00     |
| System Monitoring Compounds |        |                |          |           |       |          |
| 33) 1,2-Dichloroethane-d4   | 6.029  | 65             | 50789    | 54.13     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 78 - 117 | Recovery | = 108.26% |       |          |
| 35) Dibromofluoromethane    | 5.464  | 113            | 39110    | 51.42     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 75 - 124 | Recovery | = 102.84% |       |          |
| 50) Toluene-d8              | 8.694  | 98             | 137160   | 50.60     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 92 - 112 | Recovery | = 101.20% |       |          |
| 62) 4-Bromofluorobenzene    | 11.118 | 95             | 57058    | 54.14     | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range 83 - 123 | Recovery | = 108.28% |       |          |
| Target Compounds            |        |                |          |           |       | Qvalue   |
| 44) Trichloroethene         | 7.182  | 130            | 6245     | 7.94      | ug/l  | 86       |
| -----                       |        |                |          |           |       |          |

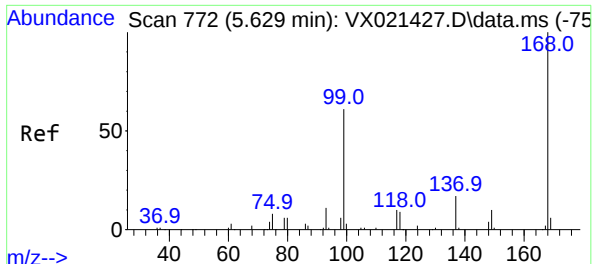
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032421W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 24 12:25:26 2021  
Response via : Initial Calibration

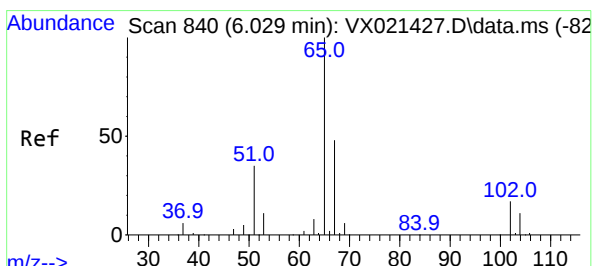
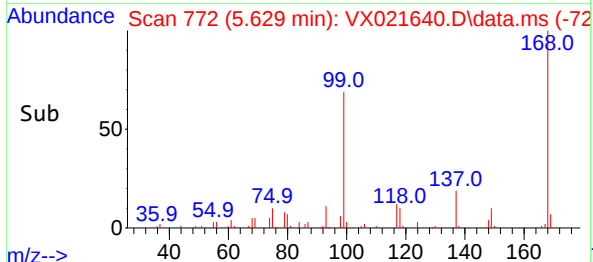
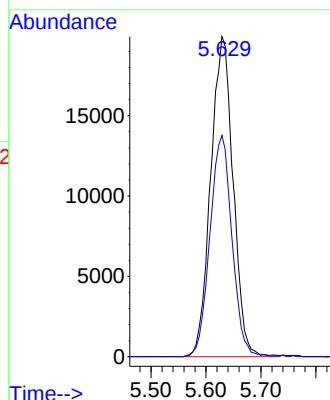
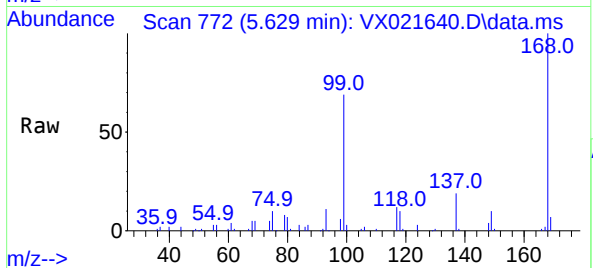




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 772  
Delta R.T. -0.000 min  
Lab File: VX021640.D  
Acq: 30 Mar 2021 19:13

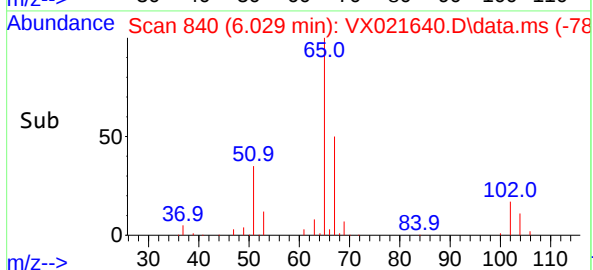
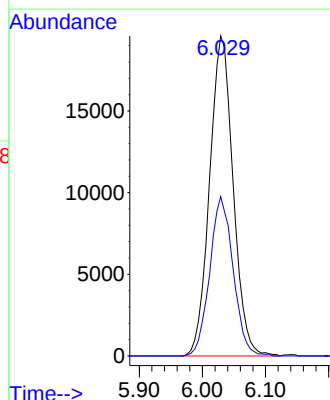
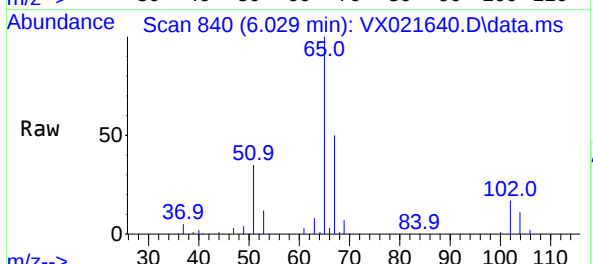
Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP06-20210324

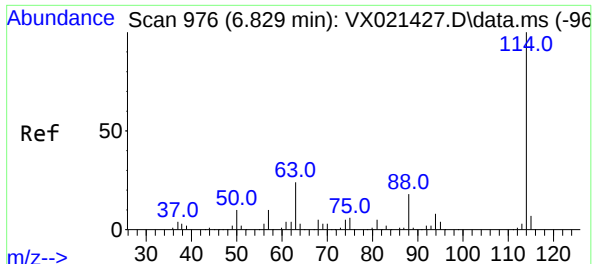
Tgt Ion:168 Resp: 56392  
Ion Ratio Lower Upper  
168 100  
99 69.1 45.8 68.6#



#33  
1,2-Dichloroethane-d4  
Concen: 54.13 ug/l  
RT: 6.029 min Scan# 840  
Delta R.T. 0.000 min  
Lab File: VX021640.D  
Acq: 30 Mar 2021 19:13

Tgt Ion: 65 Resp: 50789  
Ion Ratio Lower Upper  
65 100  
67 49.3 0.0 105.4

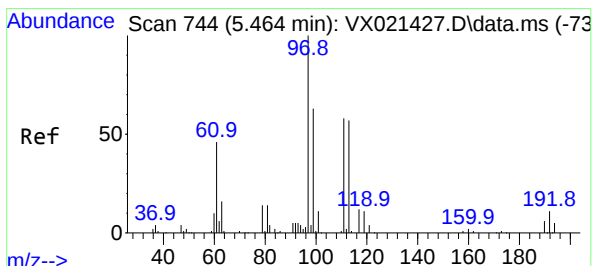
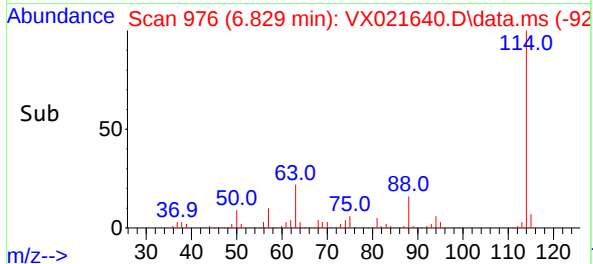
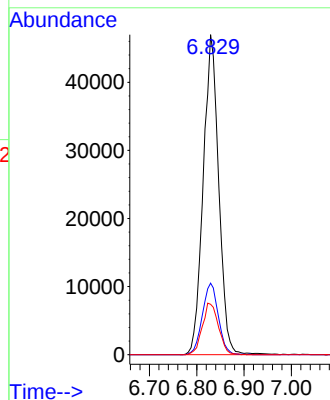
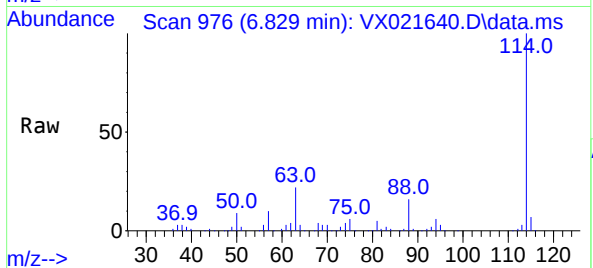




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.829 min Scan# 976  
Delta R.T. 0.000 min  
Lab File: VX021640.D  
Acq: 30 Mar 2021 19:13

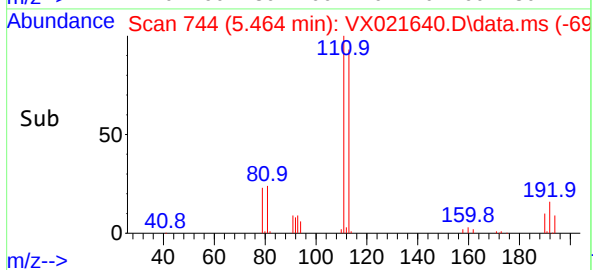
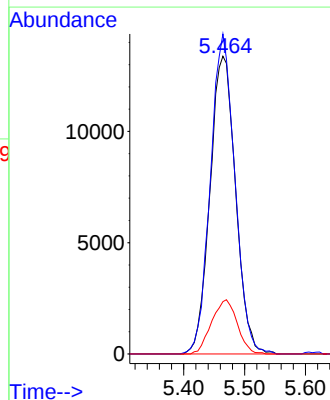
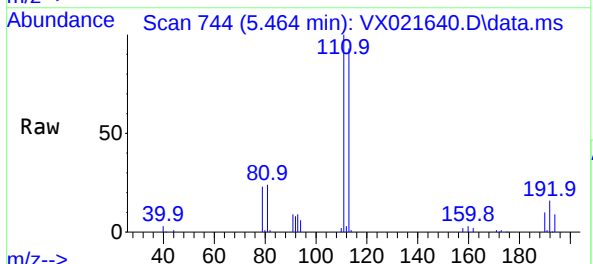
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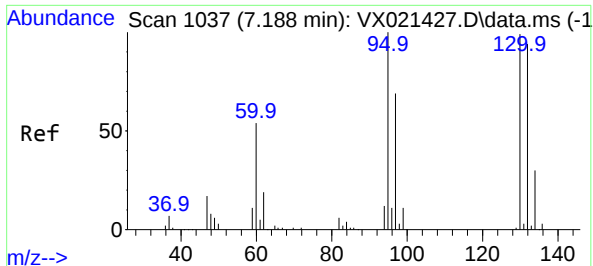
Tgt Ion:114 Resp: 107084  
Ion Ratio Lower Upper  
114 100  
63 22.3 0.0 40.8  
88 15.7 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 51.42 ug/l  
RT: 5.464 min Scan# 744  
Delta R.T. 0.000 min  
Lab File: VX021640.D  
Acq: 30 Mar 2021 19:13

Tgt Ion:113 Resp: 39110  
Ion Ratio Lower Upper  
113 100  
111 102.8 81.9 122.9  
192 18.3 16.7 25.1

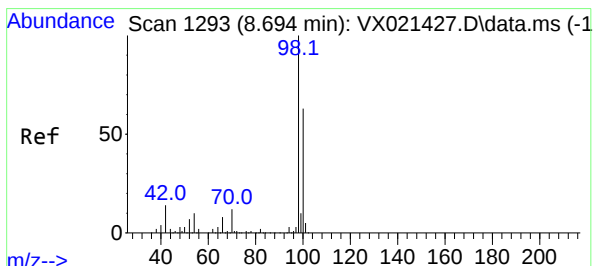
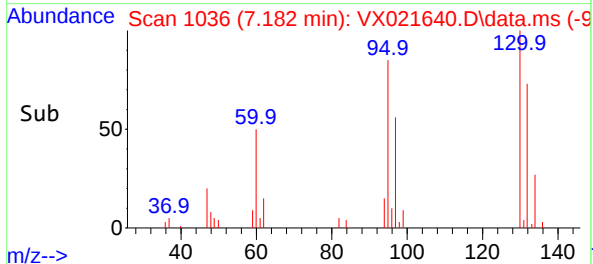
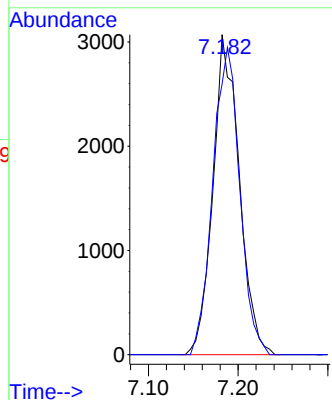
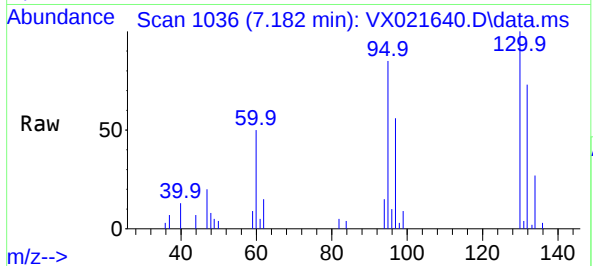




#44  
Trichloroethene  
Concen: 7.94 ug/l  
RT: 7.182 min Scan# 1036  
Delta R.T. -0.006 min  
Lab File: VX021640.D  
Acq: 30 Mar 2021 19:13

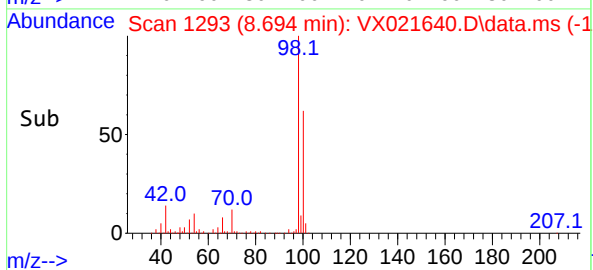
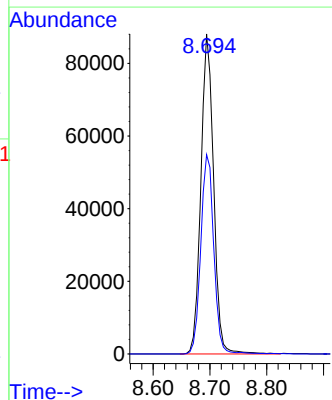
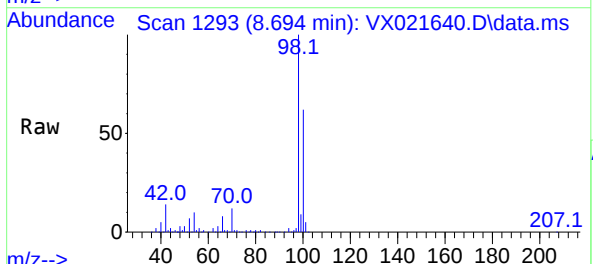
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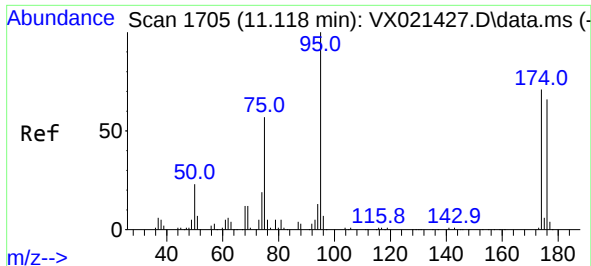
Tgt Ion:130 Resp: 6245  
Ion Ratio Lower Upper  
130 100  
95 84.7 0.0 198.0



#50  
Toluene-d8  
Concen: 50.60 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: VX021640.D  
Acq: 30 Mar 2021 19:13

Tgt Ion: 98 Resp: 137160  
Ion Ratio Lower Upper  
98 100  
100 63.7 51.9 77.9



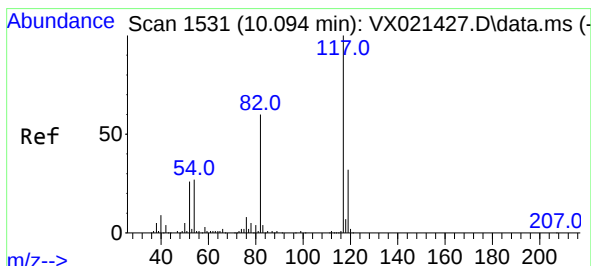
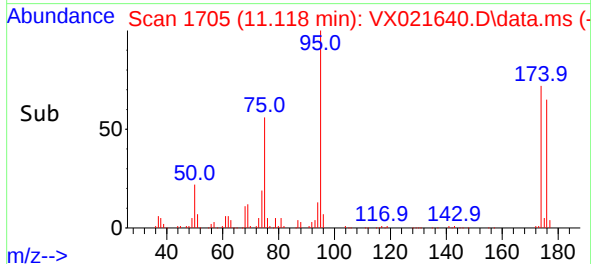
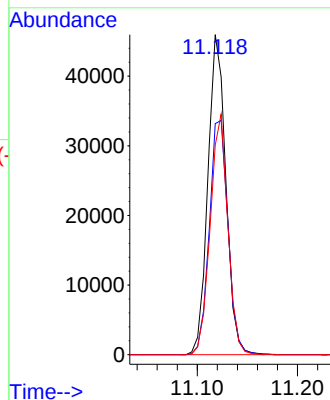
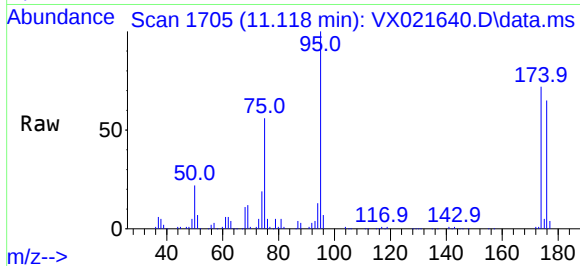


#62  
4-Bromofluorobenzene  
Concen: 54.14 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VX021640.D  
Acq: 30 Mar 2021 19:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion: 95 Resp: 57058

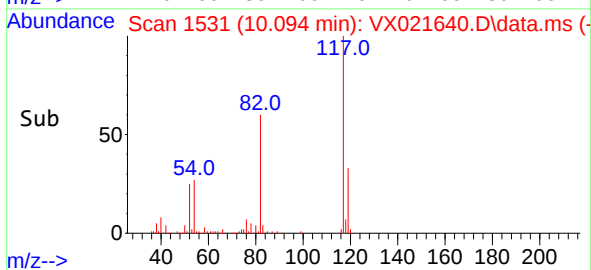
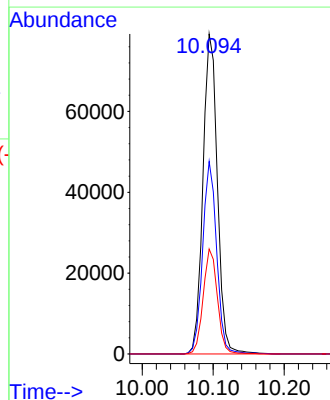
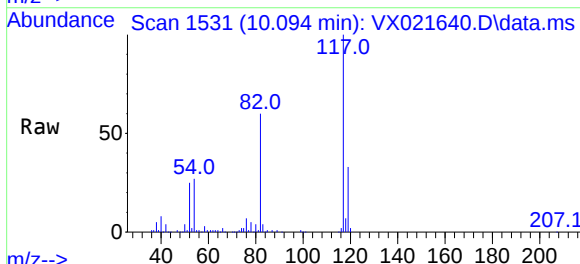
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 76.6  | 0.0   | 154.6 |
| 176 | 73.7  | 0.0   | 155.8 |

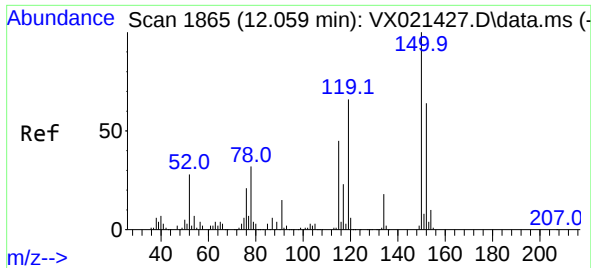


#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VX021640.D  
Acq: 30 Mar 2021 19:13

Tgt Ion: 117 Resp: 112085

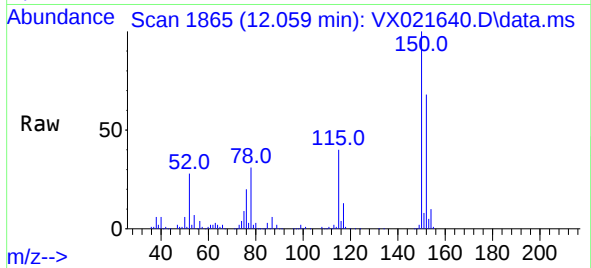
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 60.2  | 47.4  | 71.2  |
| 119 | 32.8  | 26.6  | 39.8  |





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.059 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: VX021640.D  
Acq: 30 Mar 2021 19:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
DUP06-20210324



Tgt Ion:152 Resp: 51772  
Ion Ratio Lower Upper  
152 100  
115 61.5 41.1 123.3  
150 154.9 0.0 349.0

