

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030421\  
 Data File : VX020983.D  
 Acq On : 02 Mar 2021 22:33  
 Operator : JC/MD  
 Sample : M1536-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-3

Quant Time: Mar 03 01:20:43 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

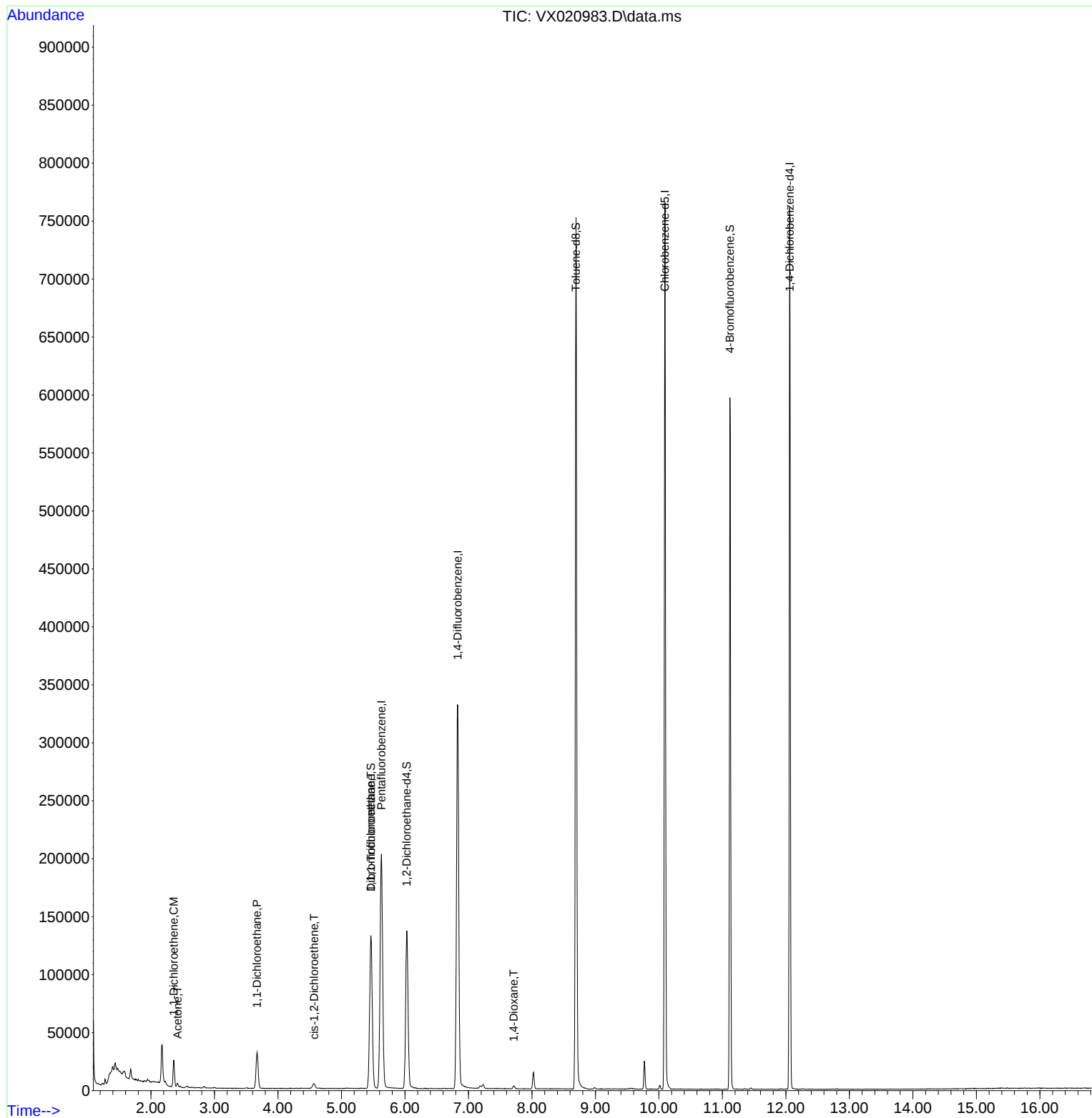
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.629  | 168   | 197263   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.829  | 114   | 356804   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.094 | 117   | 353259   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.059 | 152   | 156792   | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.029  | 65    | 128249   | 48.13    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 96.26%   |
| 35) Dibromofluoromethane    | 5.464  | 113   | 114516   | 52.82    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 105.64%  |
| 50) Toluene-d8              | 8.694  | 98    | 449724   | 53.20    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 106.40%  |
| 62) 4-Bromofluorobenzene    | 11.118 | 95    | 169195   | 54.13    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 108.26%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene      | 2.358  | 96    | 7663     | 3.47     | ug/l   | 95       |
| 16) Acetone                 | 2.417  | 43    | 4384     | 3.99     | ug/l   | 100      |
| 24) 1,1-Dichloroethane      | 3.670  | 63    | 35708    | 8.36     | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene  | 4.570  | 96    | 2940     | 1.03     | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane   | 5.464  | 97    | 2547     | 0.68     | ug/l # | 48       |
| 49) 1,4-Dioxane             | 7.712  | 88    | 1936     | 30.13    | ug/l # | 93       |
| -----                       |        |       |          |          |        |          |

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

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Quant Time: Mar 03 01:20:43 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

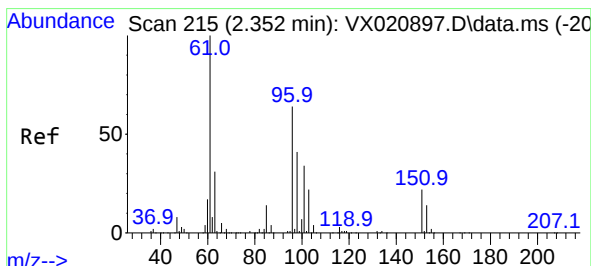
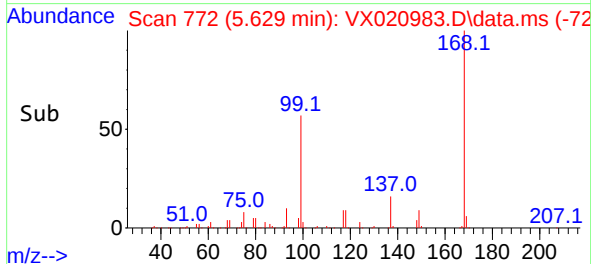
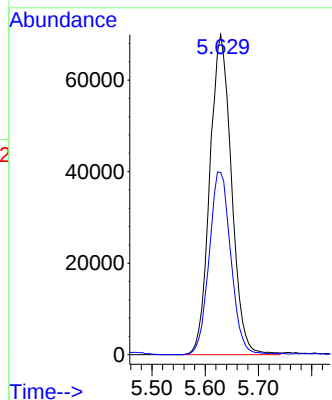
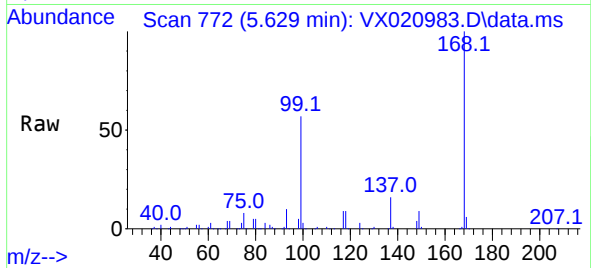




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 772  
Delta R.T. 0.006 min  
Lab File: VX020983.D  
Acq: 02 Mar 2021 22:33

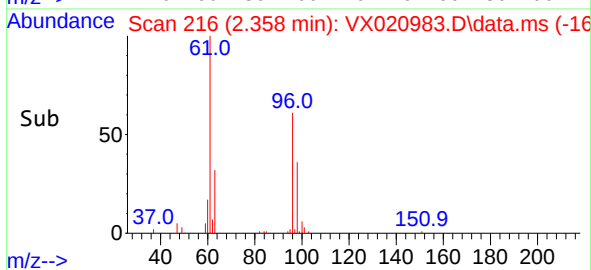
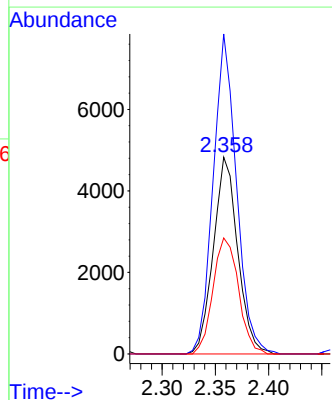
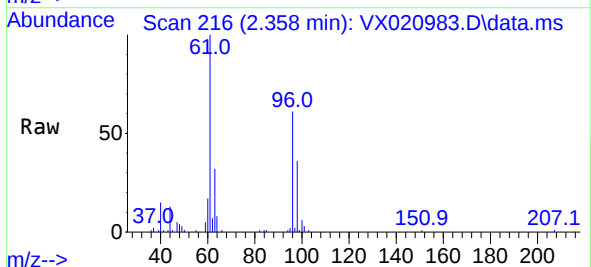
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MSVOA\_X  
ClientSampleId :  
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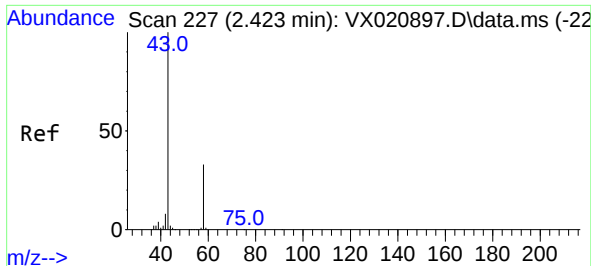
Tgt Ion:168 Resp: 197263  
Ion Ratio Lower Upper  
168 100  
99 57.0 45.8 68.6



#12  
1,1-Dichloroethene  
Concen: 3.47 ug/l  
RT: 2.358 min Scan# 216  
Delta R.T. 0.006 min  
Lab File: VX020983.D  
Acq: 02 Mar 2021 22:33

Tgt Ion: 96 Resp: 7663  
Ion Ratio Lower Upper  
96 100  
61 162.6 124.6 187.0  
98 59.0 50.6 76.0

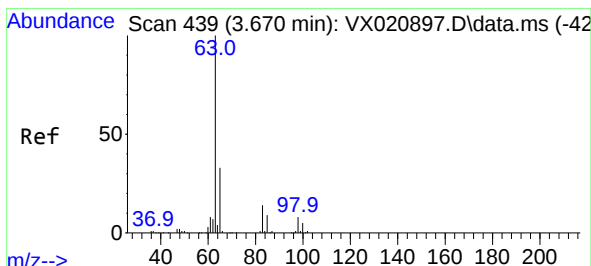
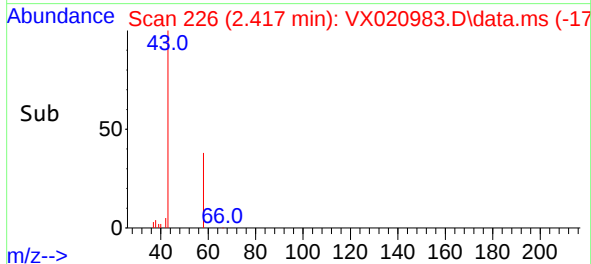
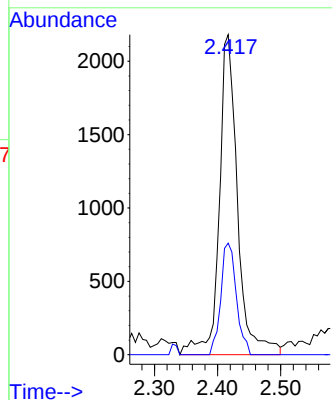
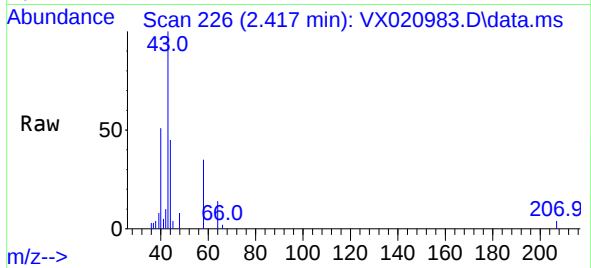




#16  
Acetone  
Concen: 3.99 ug/l  
RT: 2.417 min Scan# 226  
Delta R.T. -0.006 min  
Lab File: VX020983.D  
Acq: 02 Mar 2021 22:33

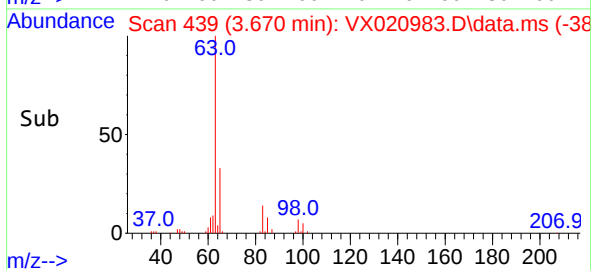
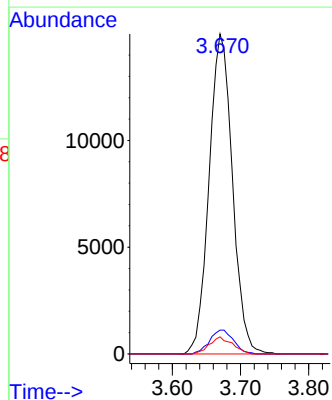
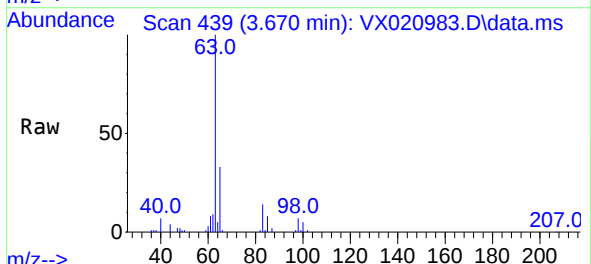
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MSVOA\_X  
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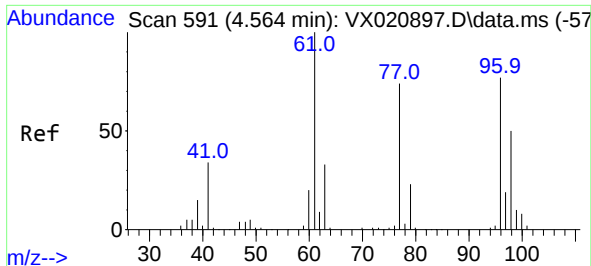
Tgt Ion: 43 Resp: 4384  
Ion Ratio Lower Upper  
43 100  
58 34.8 27.8 41.8



#24  
1,1-Dichloroethane  
Concen: 8.36 ug/l  
RT: 3.670 min Scan# 439  
Delta R.T. -0.000 min  
Lab File: VX020983.D  
Acq: 02 Mar 2021 22:33

Tgt Ion: 63 Resp: 35708  
Ion Ratio Lower Upper  
63 100  
98 7.5 3.8 11.2  
100 5.3 2.5 7.5

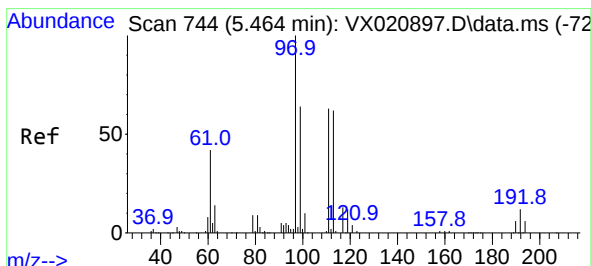
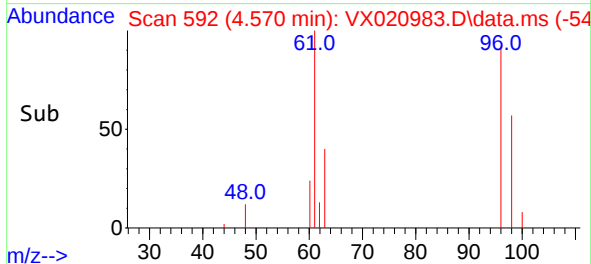
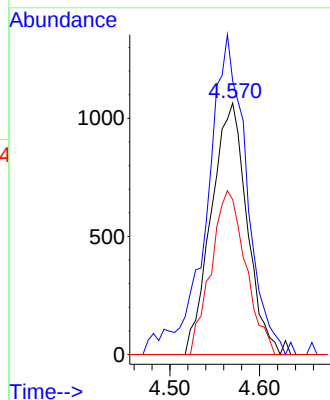
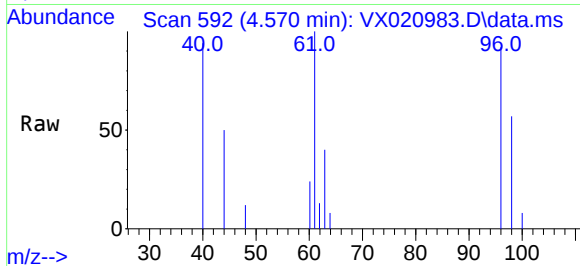




#27  
 cis-1,2-Dichloroethene  
 Concen: 1.03 ug/l  
 RT: 4.570 min Scan# 592  
 Delta R.T. 0.006 min  
 Lab File: VX020983.D  
 Acq: 02 Mar 2021 22:33

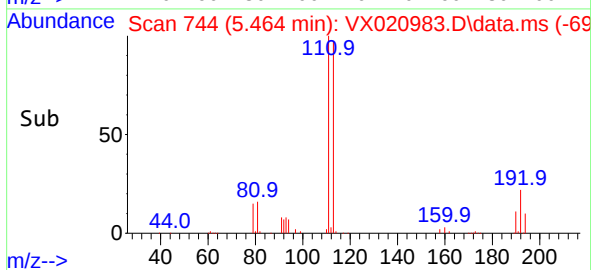
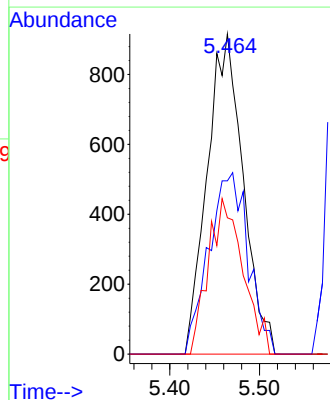
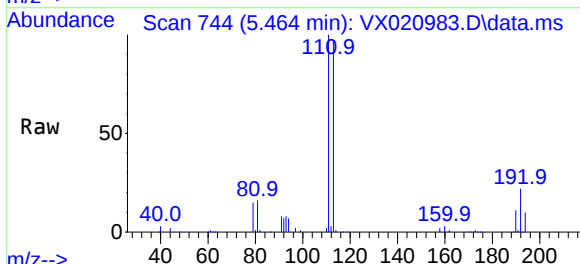
Instrument :  
 MSVOA\_X  
 ClientSampled :  
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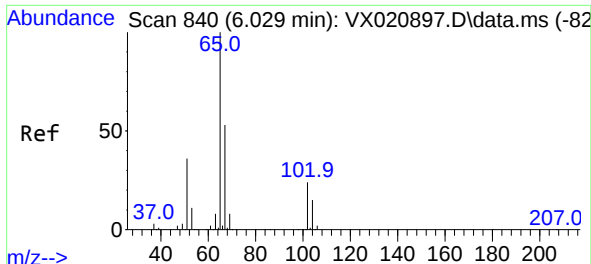
Tgt Ion: 96 Resp: 2940  
 Ion Ratio Lower Upper  
 96 100  
 61 142.4 0.0 285.6  
 98 63.3 0.0 129.6



#32  
 1,1,1-Trichloroethane  
 Concen: 0.68 ug/l  
 RT: 5.464 min Scan# 744  
 Delta R.T. -0.000 min  
 Lab File: VX020983.D  
 Acq: 02 Mar 2021 22:33

Tgt Ion: 97 Resp: 2547  
 Ion Ratio Lower Upper  
 97 100  
 99 0.0 51.5 77.3#  
 61 46.8 34.2 51.4

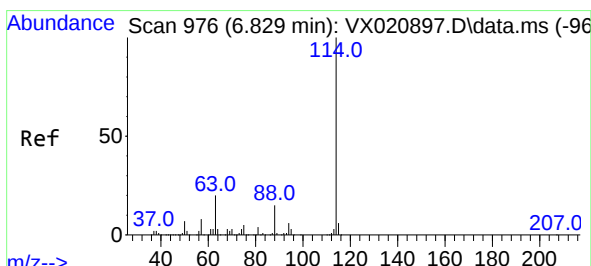
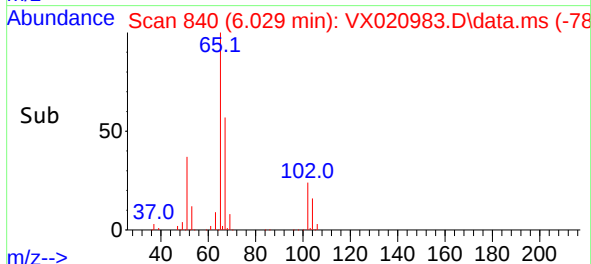
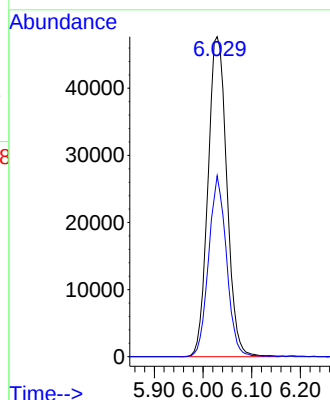
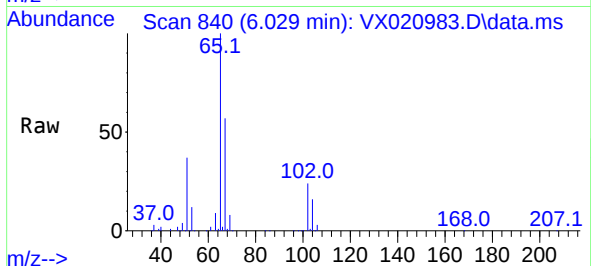




#33  
1,2-Dichloroethane-d4  
Concen: 48.13 ug/l  
RT: 6.029 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: VX020983.D  
Acq: 02 Mar 2021 22:33

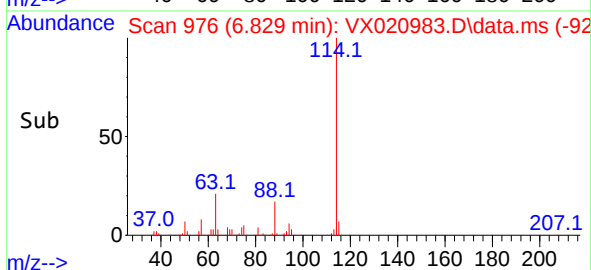
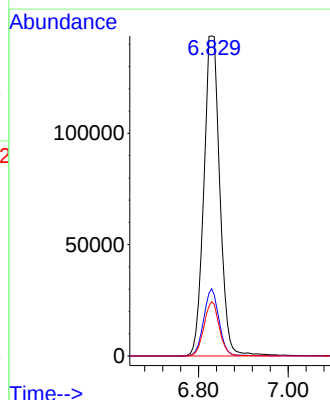
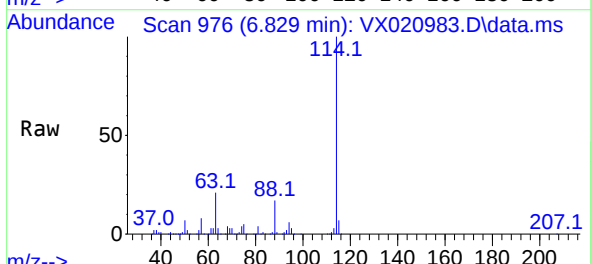
Instrument :  
MSVOA\_X  
ClientSampleId :  
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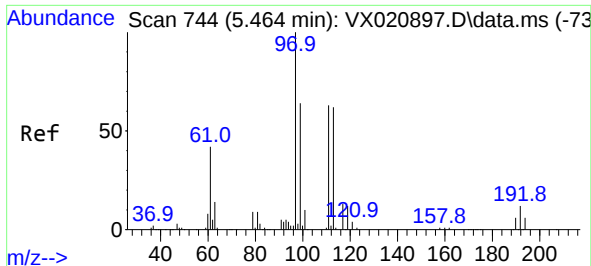
Tgt Ion: 65 Resp: 128249  
Ion Ratio Lower Upper  
65 100  
67 53.4 0.0 105.4



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.829 min Scan# 976  
Delta R.T. -0.000 min  
Lab File: VX020983.D  
Acq: 02 Mar 2021 22:33

Tgt Ion:114 Resp: 356804  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 40.8  
88 16.9 0.0 32.8

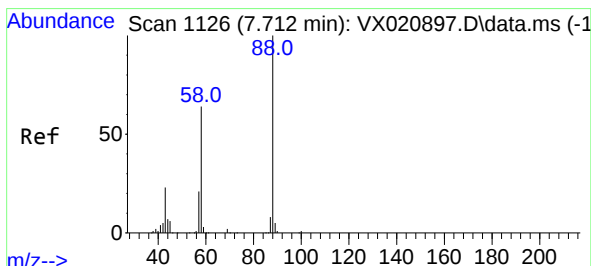
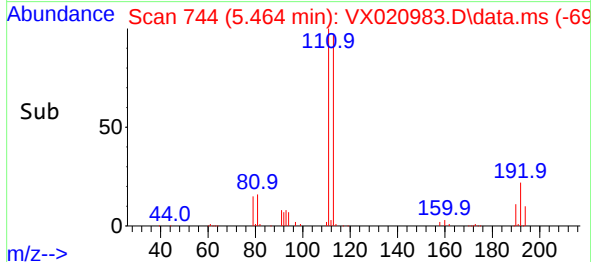
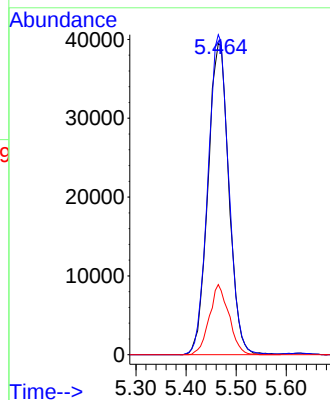
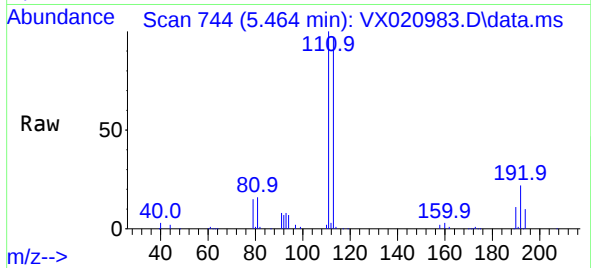




#35  
Dibromofluoromethane  
Concen: 52.82 ug/l  
RT: 5.464 min Scan# 744  
Delta R.T. -0.000 min  
Lab File: VX020983.D  
Acq: 02 Mar 2021 22:33

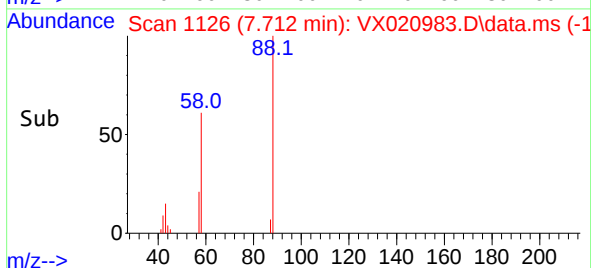
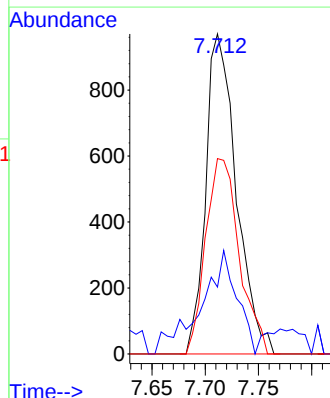
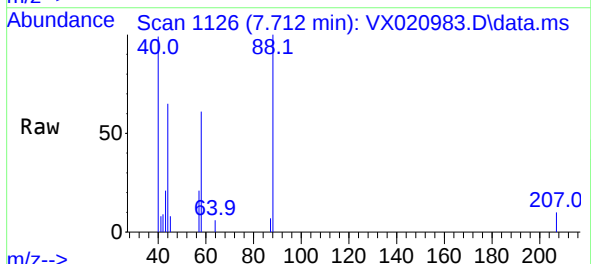
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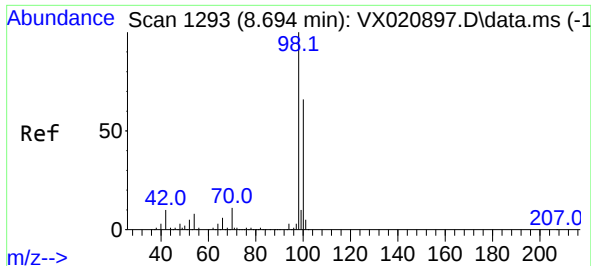
Tgt Ion:113 Resp: 114516  
Ion Ratio Lower Upper  
113 100  
111 102.2 81.9 122.9  
192 21.1 16.7 25.1



#49  
1,4-Dioxane  
Concen: 30.13 ug/l  
RT: 7.712 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VX020983.D  
Acq: 02 Mar 2021 22:33

Tgt Ion: 88 Resp: 1936  
Ion Ratio Lower Upper  
88 100  
43 38.4 23.2 34.8#  
58 67.0 55.0 82.4

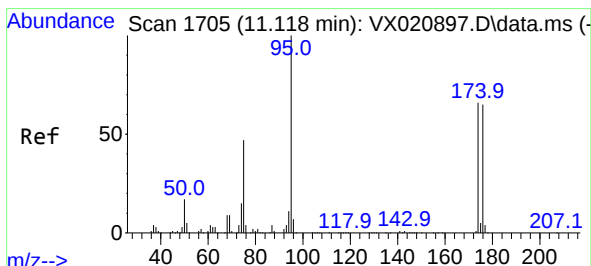
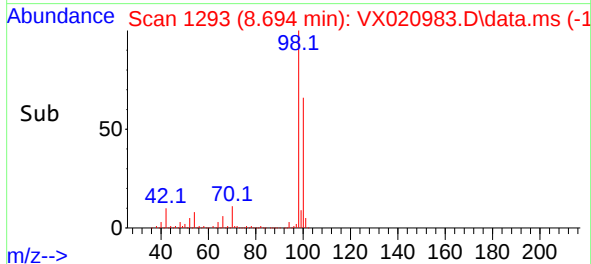
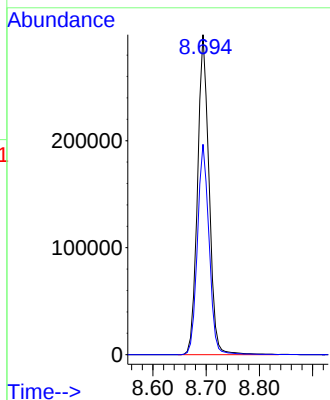
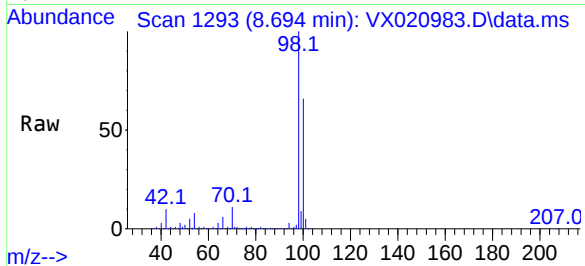




#50  
Toluene-d8  
Concen: 53.20 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: VX020983.D  
Acq: 02 Mar 2021 22:33

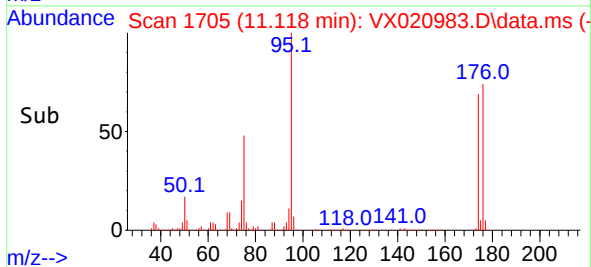
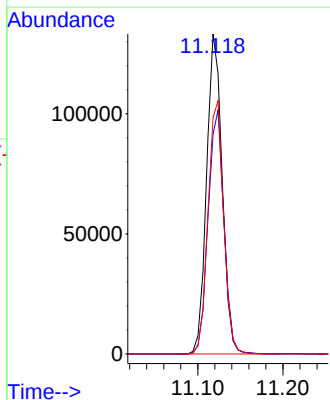
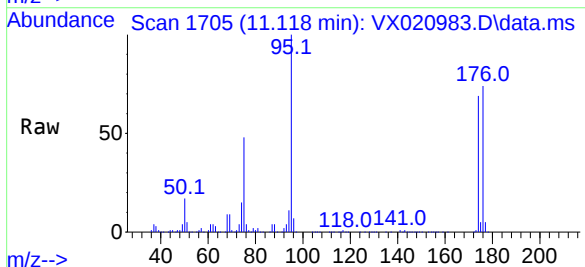
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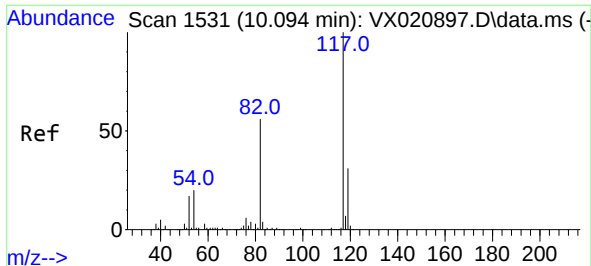
Tgt Ion: 98 Resp: 449724  
Ion Ratio Lower Upper  
98 100  
100 66.6 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 54.13 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VX020983.D  
Acq: 02 Mar 2021 22:33

Tgt Ion: 95 Resp: 169195  
Ion Ratio Lower Upper  
95 100  
174 77.1 0.0 154.6  
176 79.2 0.0 155.8

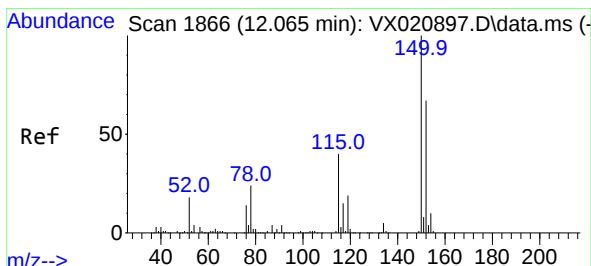
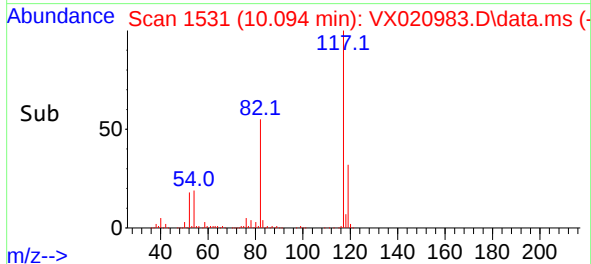
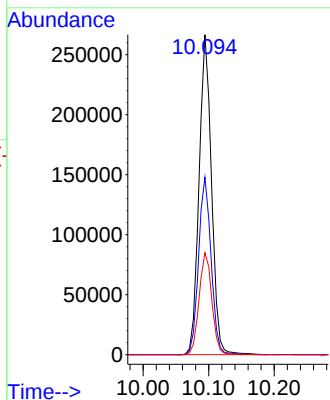
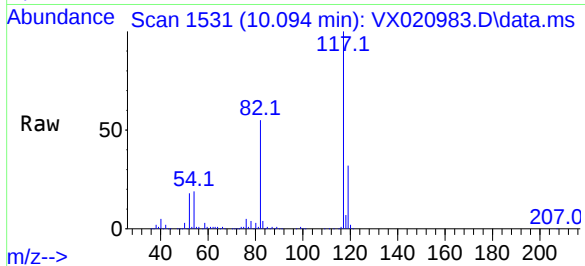




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VX020983.D  
Acq: 02 Mar 2021 22:33

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ClientSampleId :  
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Tgt Ion:117 Resp: 353259  
Ion Ratio Lower Upper  
117 100  
82 55.4 47.4 71.2  
119 31.8 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.059 min Scan# 1865  
Delta R.T. -0.006 min  
Lab File: VX020983.D  
Acq: 02 Mar 2021 22:33

Tgt Ion:152 Resp: 156792  
Ion Ratio Lower Upper  
152 100  
115 58.4 41.1 123.3  
150 158.2 0.0 349.0

