

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032621\  
 Data File : VX021558.D  
 Acq On : 27 Mar 2021 03:06  
 Operator : JC/MD  
 Sample : M1787-21  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW202D1-20210320

Quant Time: Mar 27 04:36:31 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

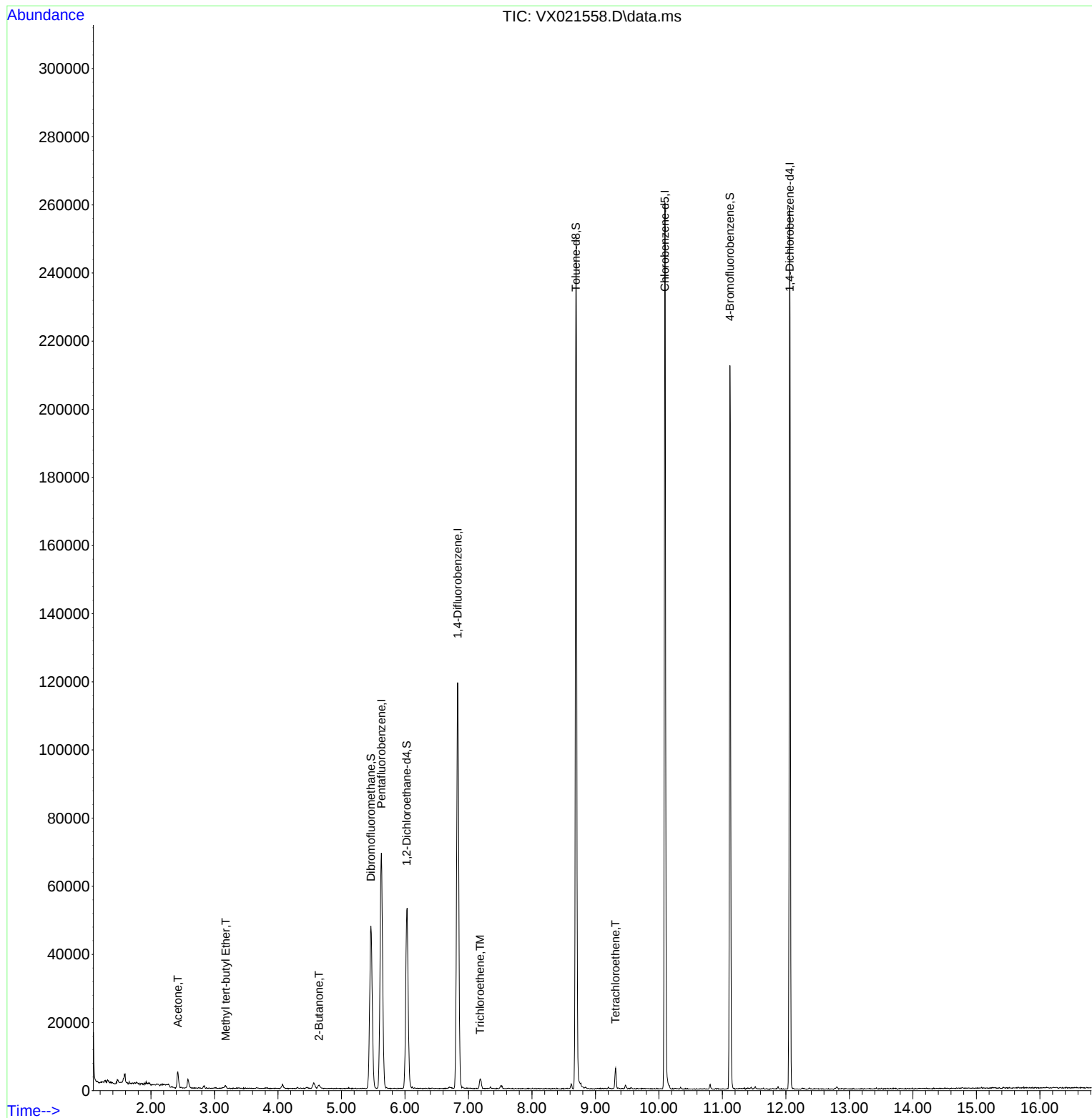
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.629  | 168   | 59393    | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.829  | 114   | 110673   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.094 | 117   | 108529   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.059 | 152   | 48511    | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.029  | 65    | 52659    | 53.29    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 106.58%  |
| 35) Dibromofluoromethane    | 5.464  | 113   | 38952    | 49.55    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 99.10%   |
| 50) Toluene-d8              | 8.694  | 98    | 140367   | 50.11    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 100.22%  |
| 62) 4-Bromofluorobenzene    | 11.118 | 95    | 54154    | 49.72    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 99.44%   |
| Target Compounds            |        |       |          |          |        |          |
| 16) Acetone                 | 2.422  | 43    | 5000     | 13.38    | ug/l   | 92       |
| 19) Methyl tert-butyl Ether | 3.176  | 73    | 761      | 0.34     | ug/l # | 55       |
| 25) 2-Butanone              | 4.646  | 43    | 1672     | 2.95     | ug/l # | 82       |
| 44) Trichloroethene         | 7.182  | 130   | 1025     | 1.26     | ug/l   | 89       |
| 64) Tetrachloroethene       | 9.318  | 164   | 979      | 1.35     | ug/l # | 80       |
| -----                       |        |       |          |          |        |          |

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

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ALS Vial : 39 Sample Multiplier: 1

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MSVOA\_X  
ClientSampleId :  
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Quant Time: Mar 27 04:36:31 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

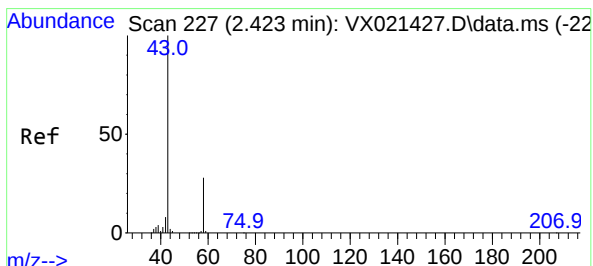
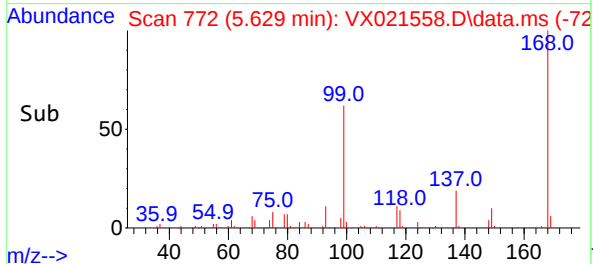
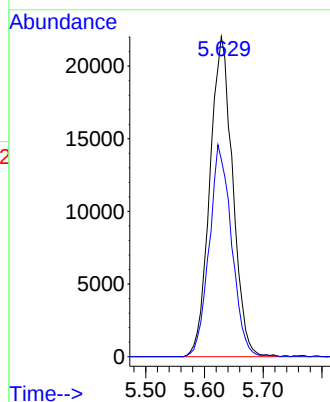
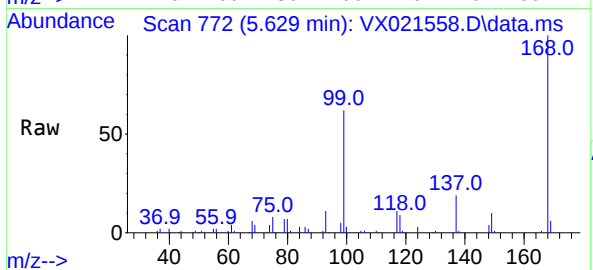




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 772  
Delta R.T. -0.000 min  
Lab File: VX021558.D  
Acq: 27 Mar 2021 03:06

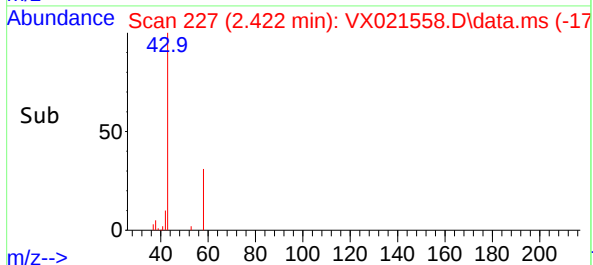
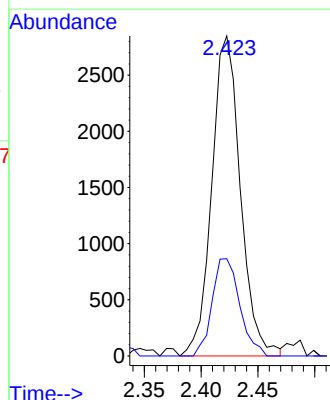
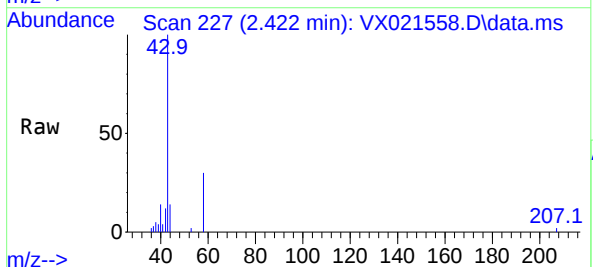
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D1-20210320

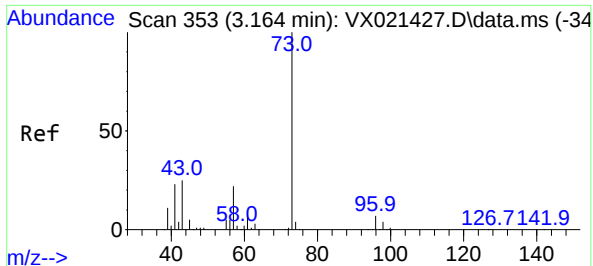
Tgt Ion:168 Resp: 59393  
Ion Ratio Lower Upper  
168 100  
99 61.6 45.8 68.6



#16  
Acetone  
Concen: 13.38 ug/l  
RT: 2.422 min Scan# 227  
Delta R.T. -0.001 min  
Lab File: VX021558.D  
Acq: 27 Mar 2021 03:06

Tgt Ion: 43 Resp: 5000  
Ion Ratio Lower Upper  
43 100  
58 30.4 27.8 41.8



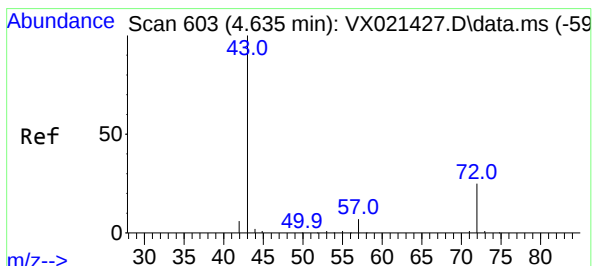
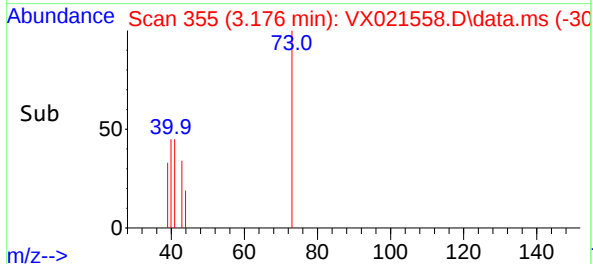
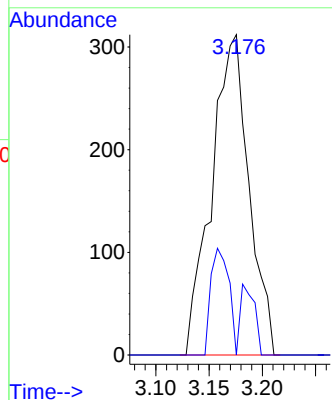
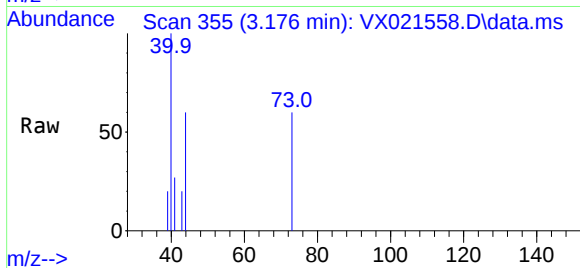


#19

Methyl tert-butyl Ether  
Concen: 0.34 ug/l  
RT: 3.176 min Scan# 355  
Delta R.T. 0.012 min  
Lab File: VX021558.D  
Acq: 27 Mar 2021 03:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
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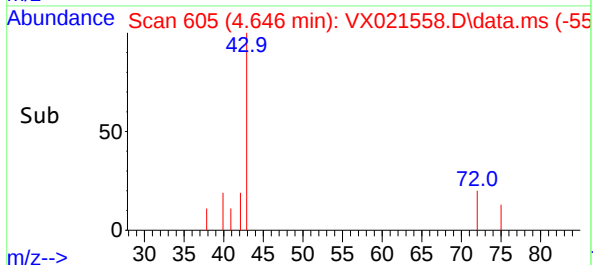
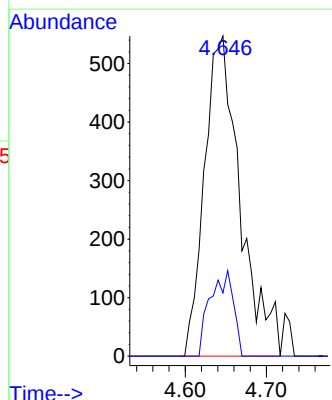
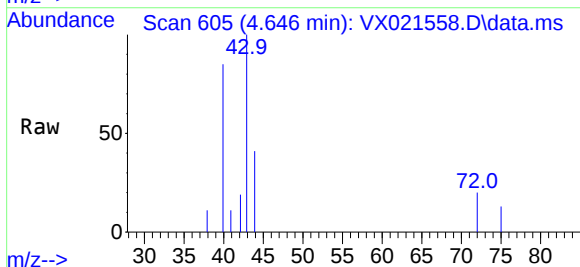
Tgt Ion: 73 Resp: 761  
Ion Ratio Lower Upper  
73 100  
57 0.0 17.1 25.7#

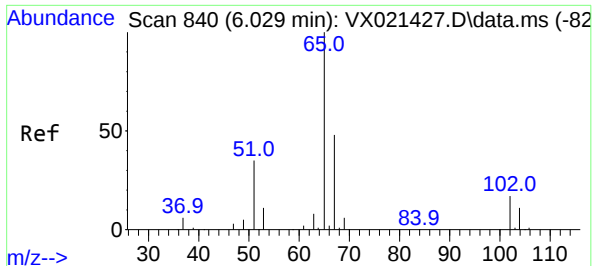


#25

2-Butanone  
Concen: 2.95 ug/l  
RT: 4.646 min Scan# 605  
Delta R.T. 0.011 min  
Lab File: VX021558.D  
Acq: 27 Mar 2021 03:06

Tgt Ion: 43 Resp: 1672  
Ion Ratio Lower Upper  
43 100  
72 19.7 23.7 35.5#



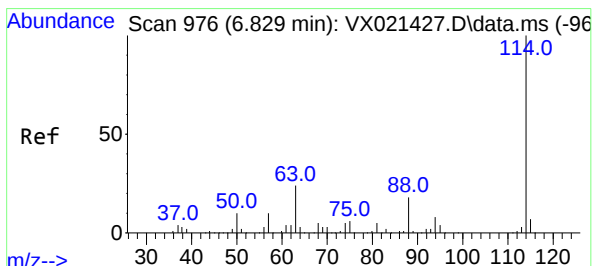
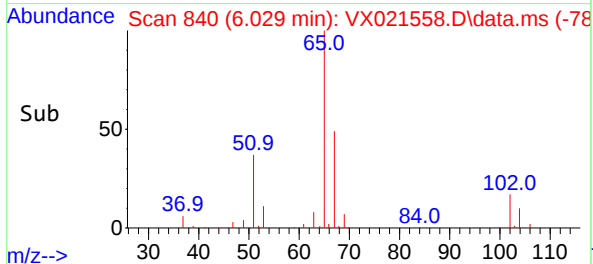
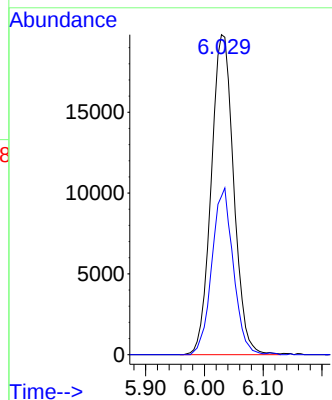
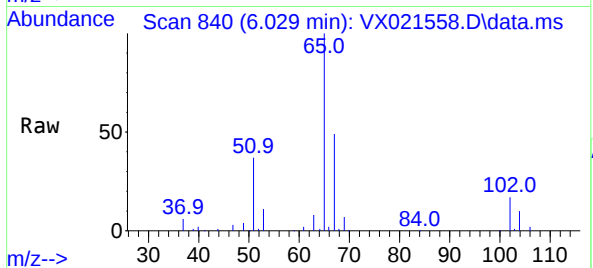


#33

1,2-Dichloroethane-d4  
Concen: 53.29 ug/l  
RT: 6.029 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: VX021558.D  
Acq: 27 Mar 2021 03:06

Instrument :  
MSVOA\_X  
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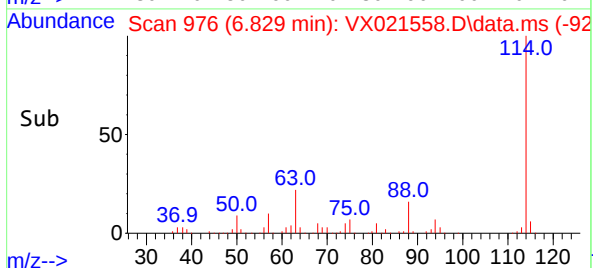
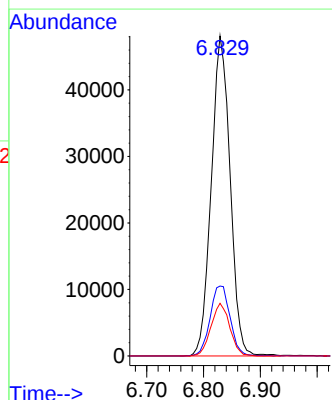
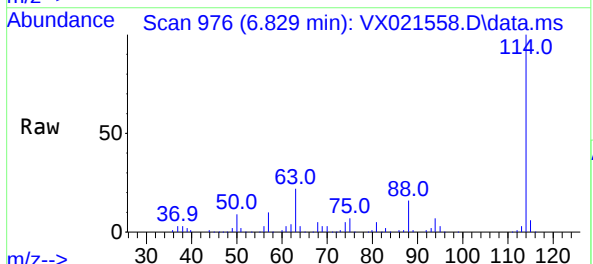
Tgt Ion: 65 Resp: 52659  
Ion Ratio Lower Upper  
65 100  
67 49.6 0.0 105.4

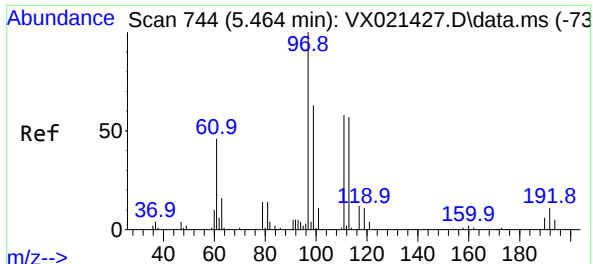


#34

1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.829 min Scan# 976  
Delta R.T. -0.000 min  
Lab File: VX021558.D  
Acq: 27 Mar 2021 03:06

Tgt Ion: 114 Resp: 110673  
Ion Ratio Lower Upper  
114 100  
63 21.8 0.0 40.8  
88 16.5 0.0 32.8

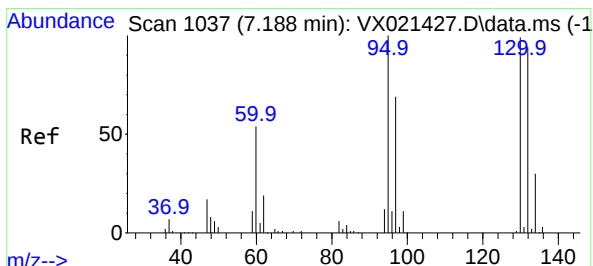
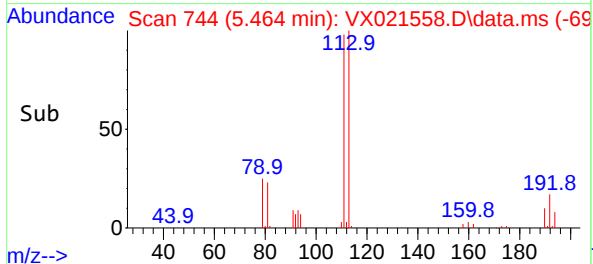
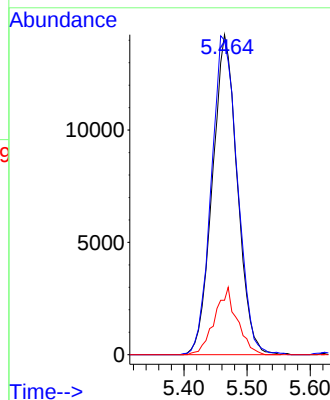
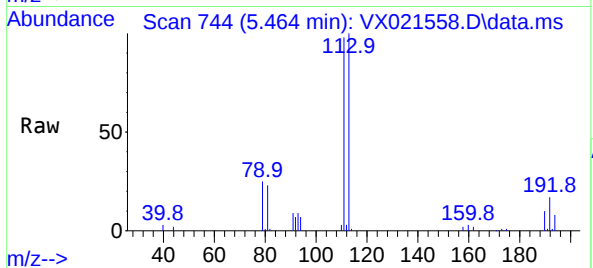




#35  
Dibromofluoromethane  
Concen: 49.55 ug/l  
RT: 5.464 min Scan# 744  
Delta R.T. 0.000 min  
Lab File: VX021558.D  
Acq: 27 Mar 2021 03:06

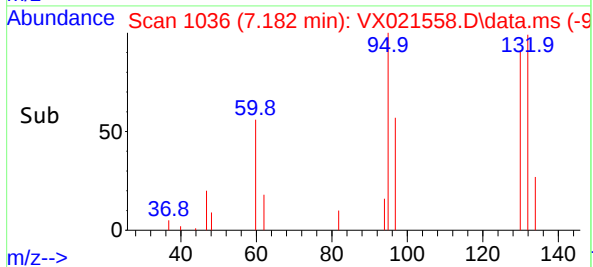
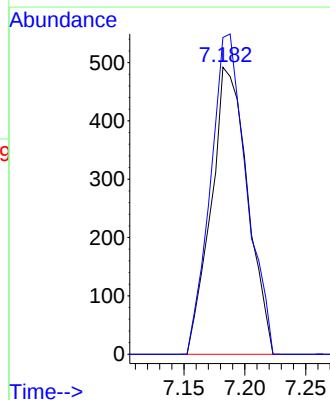
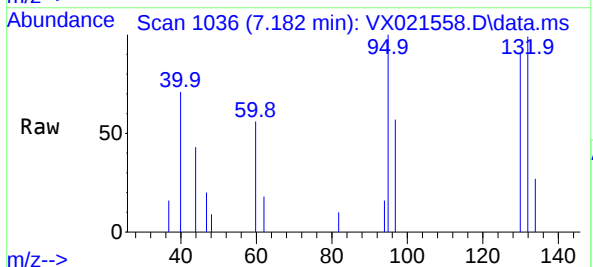
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW202D1-20210320

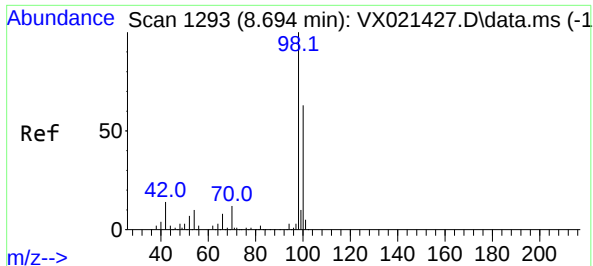
Tgt Ion:113 Resp: 38952  
Ion Ratio Lower Upper  
113 100  
111 104.6 81.9 122.9  
192 19.1 16.7 25.1



#44  
Trichloroethene  
Concen: 1.26 ug/l  
RT: 7.182 min Scan# 1036  
Delta R.T. -0.006 min  
Lab File: VX021558.D  
Acq: 27 Mar 2021 03:06

Tgt Ion:130 Resp: 1025  
Ion Ratio Lower Upper  
130 100  
95 110.4 0.0 198.0

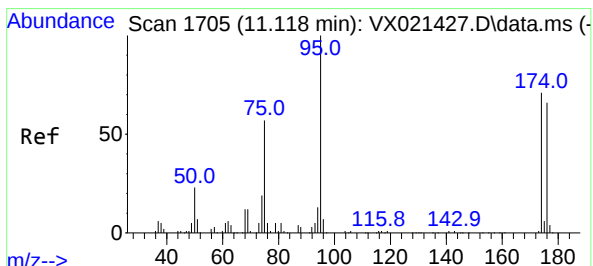
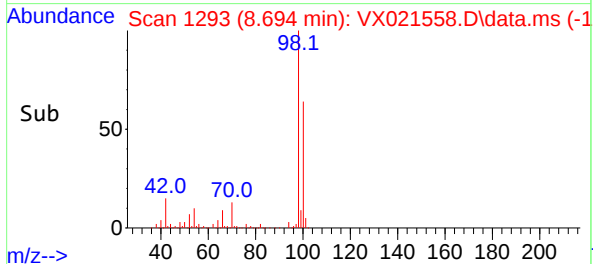
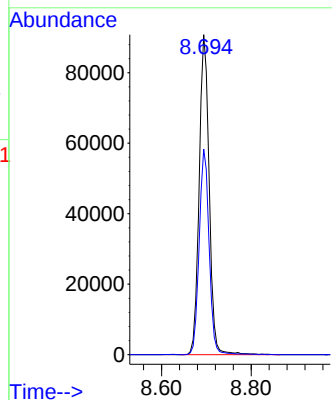
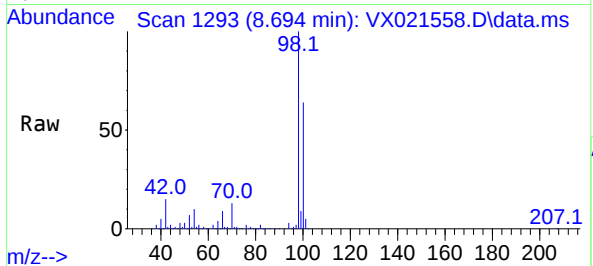




#50  
Toluene-d8  
Concen: 50.11 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: VX021558.D  
Acq: 27 Mar 2021 03:06

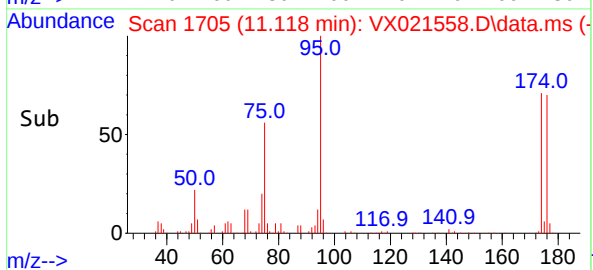
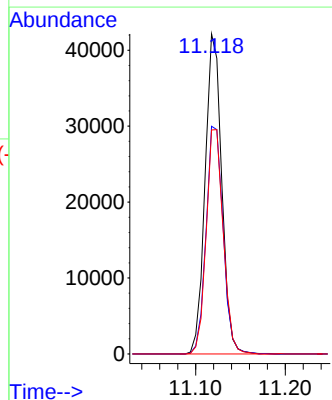
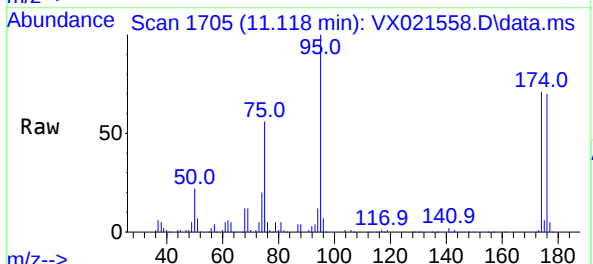
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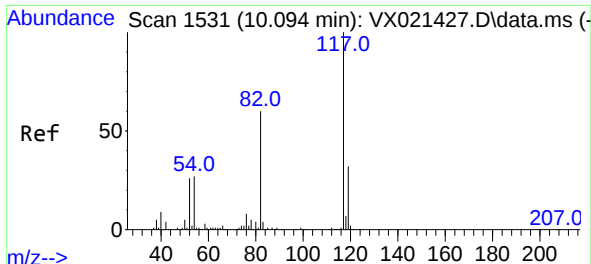
Tgt Ion: 98 Resp: 140367  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 49.72 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VX021558.D  
Acq: 27 Mar 2021 03:06

Tgt Ion: 95 Resp: 54154  
Ion Ratio Lower Upper  
95 100  
174 73.0 0.0 154.6  
176 71.9 0.0 155.8

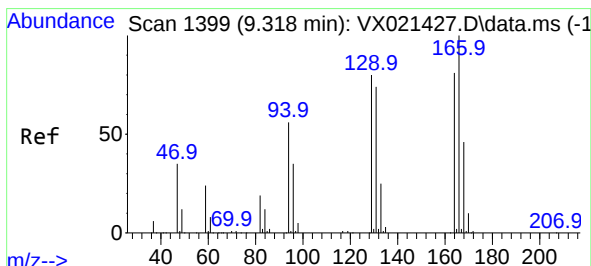
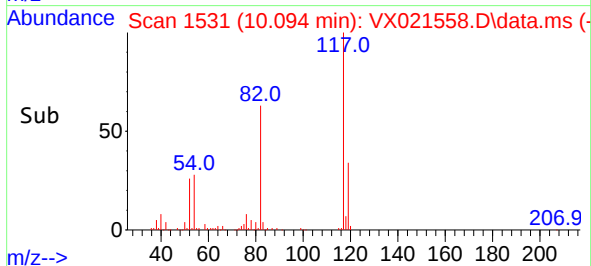
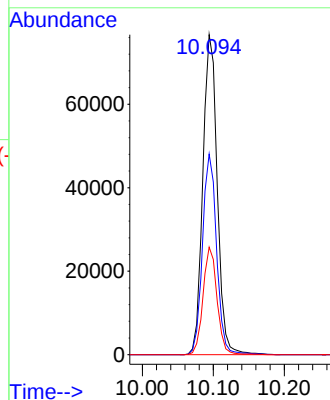
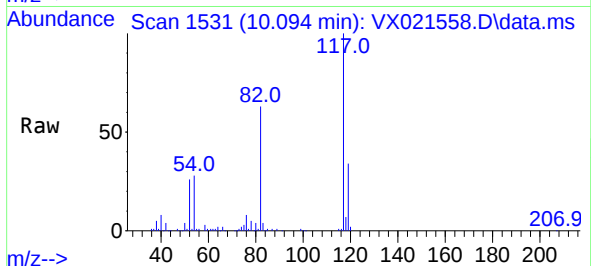




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. 0.000 min  
Lab File: VX021558.D  
Acq: 27 Mar 2021 03:06

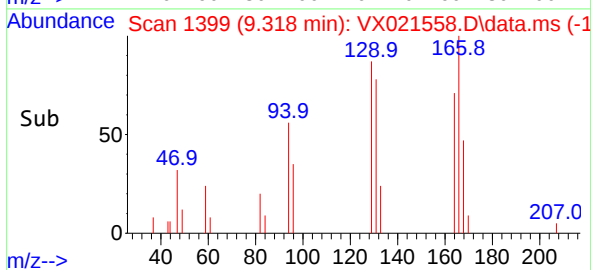
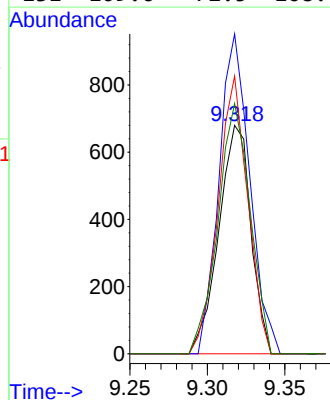
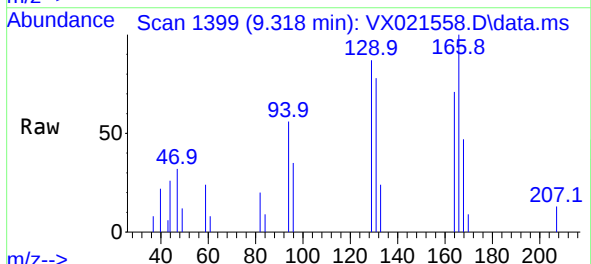
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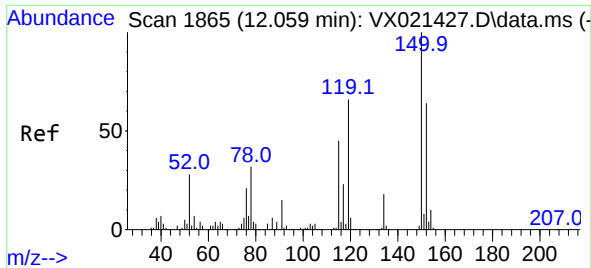
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|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 108529 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 62.7  | 47.4  | 71.2   |
| 119      | 33.6  | 26.6  | 39.8   |



#64  
Tetrachloroethene  
Concen: 1.35 ug/l  
RT: 9.318 min Scan# 1399  
Delta R.T. -0.000 min  
Lab File: VX021558.D  
Acq: 27 Mar 2021 03:06

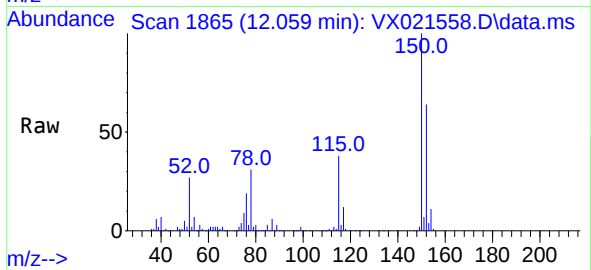
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 979    |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 166      | 140.0 | 103.4 | 155.2  |
| 129      | 121.6 | 70.8  | 106.2# |
| 131      | 109.6 | 72.5  | 108.7# |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.059 min Scan# 1865  
 Delta R.T. 0.000 min  
 Lab File: VX021558.D  
 Acq: 27 Mar 2021 03:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW202D1-20210320



Tgt Ion:152 Resp: 48511  
 Ion Ratio Lower Upper  
 152 100  
 115 60.5 41.1 123.3  
 150 154.3 0.0 349.0

