

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX033022\  
 Data File : VX027814.D  
 Acq On : 30 Mar 2022 16:38  
 Operator : JC/MD  
 Sample : N2041-09DL 5X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE125D2-20220317DL

Quant Time: Mar 31 05:50:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032922W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 30 04:39:27 2022  
 Response via : Initial Calibration

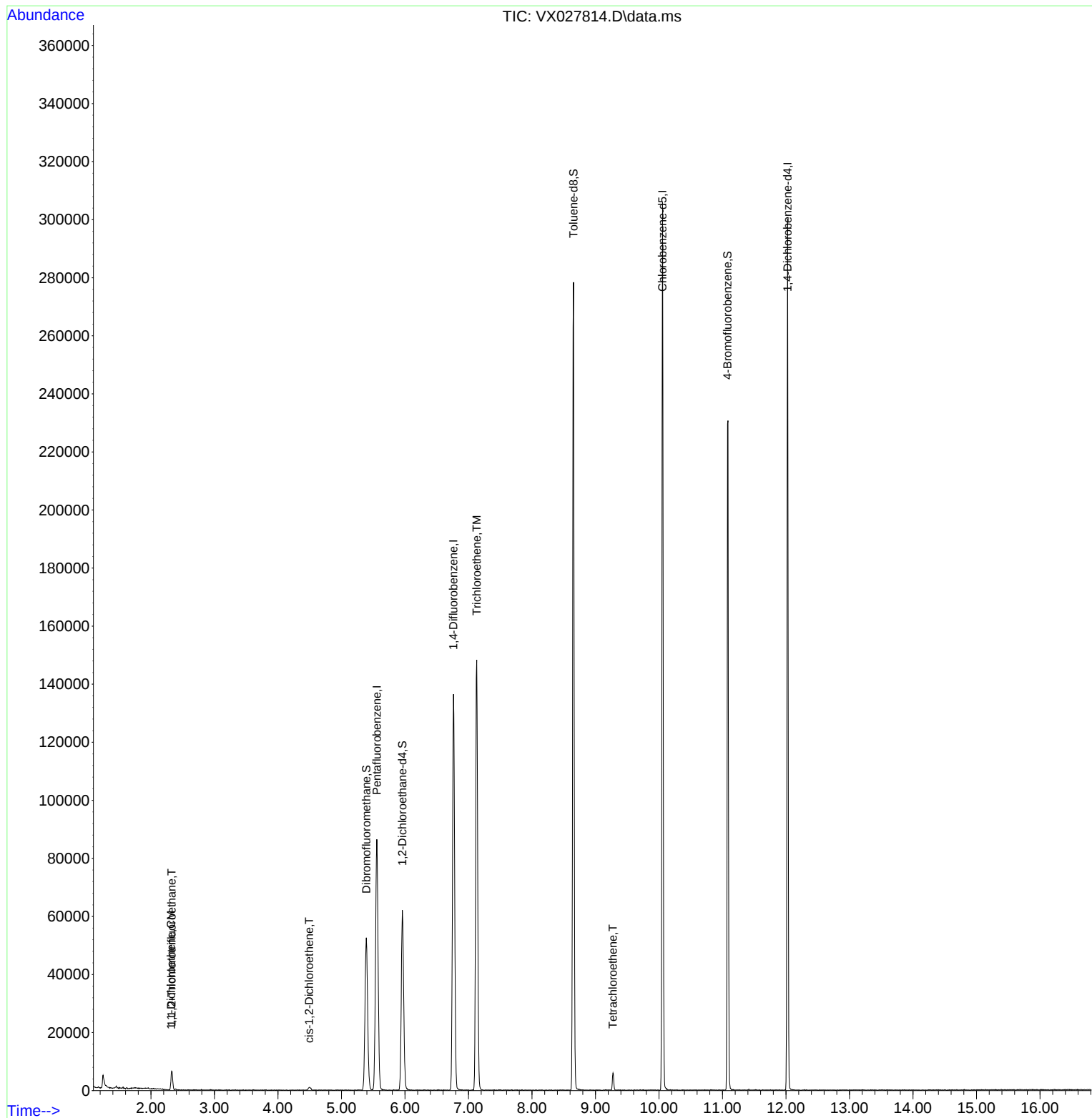
| Compound                     | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|------------------------------|-----------|-------|----------|----------|-------|----------|
| -----                        |           |       |          |          |       |          |
| Internal Standards           |           |       |          |          |       |          |
| 1) Pentafluorobenzene        | 5.556     | 168   | 72212    | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene      | 6.763     | 114   | 127824   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 10.055    | 117   | 121387   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024    | 152   | 57676    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 5.958     | 65    | 62033    | 66.578   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 61 - 141 | Recovery | =     | 133.160% |
| 35) Dibromofluoromethane     | 5.391     | 113   | 43266    | 52.439   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 69 - 133 | Recovery | =     | 104.880% |
| 50) Toluene-d8               | 8.653     | 98    | 158484   | 54.594   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 65 - 126 | Recovery | =     | 109.180% |
| 62) 4-Bromofluorobenzene     | 11.079    | 95    | 63421    | 51.409   | ug/l  | 0.00     |
| Spiked Amount                | 50.000    | Range | 58 - 135 | Recovery | =     | 102.820% |
| Target Compounds             |           |       |          |          |       |          |
|                              |           |       |          |          |       | Qvalue   |
| 9) 1,1,2-Trichlorotrifluo... | 2.325     | 101   | 2308     | 3.413    | ug/l  | 98       |
| 12) 1,1-Dichloroethene       | 2.319     | 96    | 620      | 0.999    | ug/l  | 95       |
| 27) cis-1,2-Dichloroethene   | 4.489     | 96    | 805      | 0.991    | ug/l  | 82       |
| 44) Trichloroethene          | 7.129     | 130   | 52560    | 61.414   | ug/l  | 92       |
| 64) Tetrachloroethene        | 9.275     | 164   | 1099     | 1.335    | ug/l  | 88       |
| -----                        |           |       |          |          |       |          |

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

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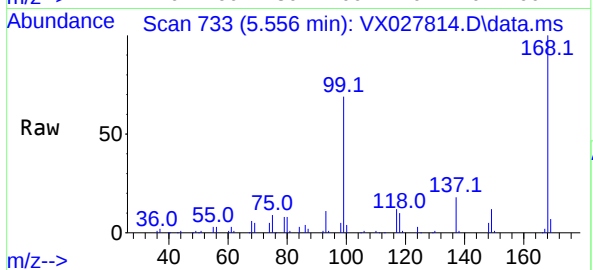
Quant Time: Mar 31 05:50:24 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032922W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 30 04:39:27 2022  
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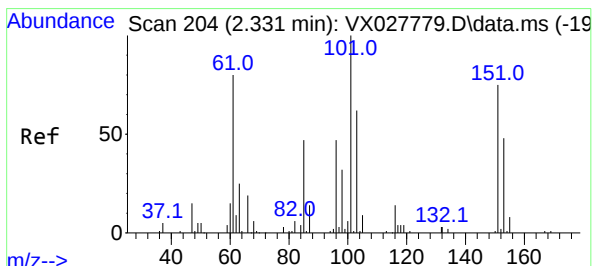
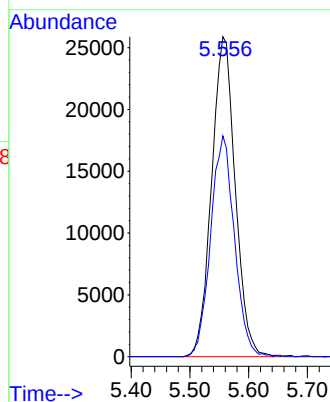
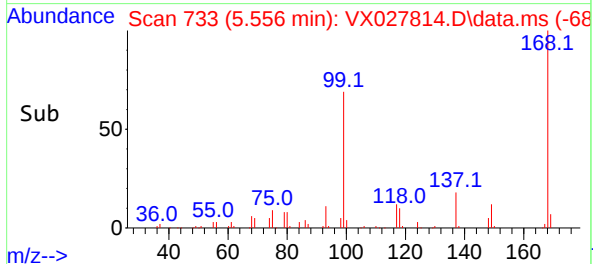


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX027814.D  
Acq: 30 Mar 2022 16:38

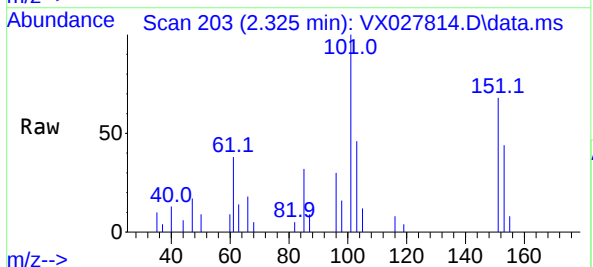
Instrument :  
MSVOA\_X  
ClientSampleId :  
RE125D2-20220317DL



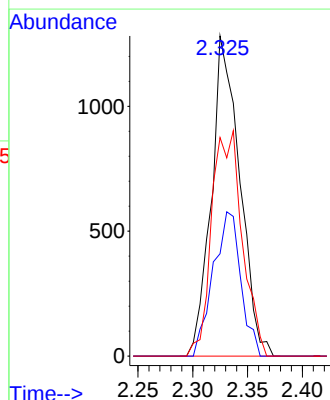
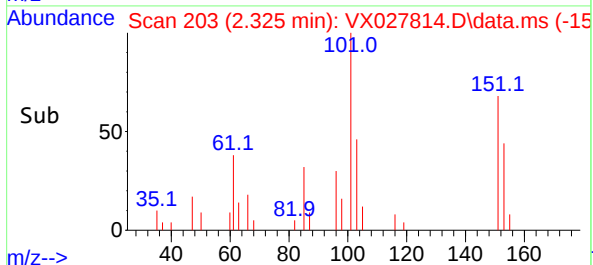
Tgt Ion:168 Resp: 72212  
Ion Ratio Lower Upper  
168 100  
99 69.0 41.7 62.5#

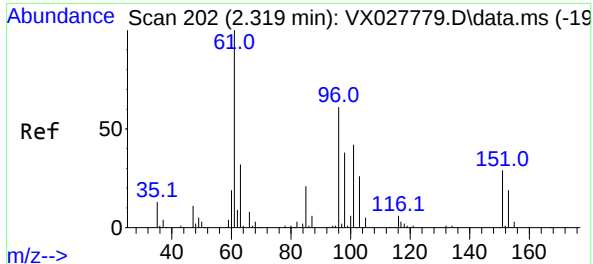


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 3.413 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. -0.006 min  
Lab File: VX027814.D  
Acq: 30 Mar 2022 16:38



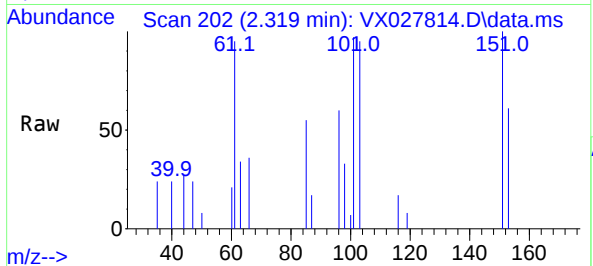
Tgt Ion:101 Resp: 2308  
Ion Ratio Lower Upper  
101 100  
85 43.7 33.5 50.3  
151 75.6 61.8 92.6





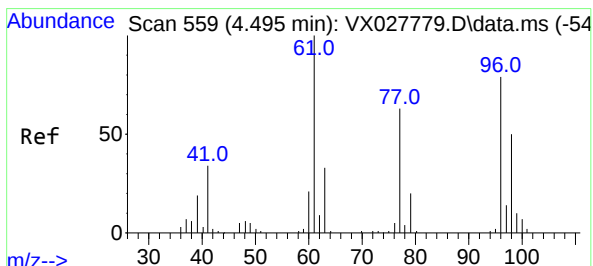
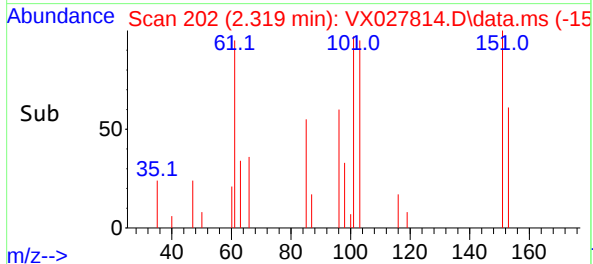
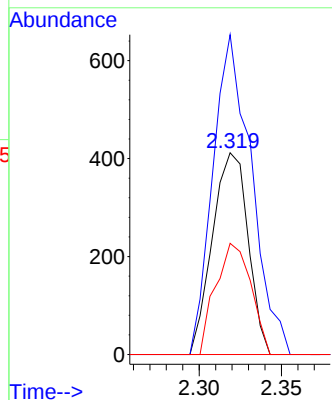
#12  
1,1-Dichloroethene  
Concen: 0.999 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX027814.D  
Acq: 30 Mar 2022 16:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
RE125D2-20220317DL



Tgt Ion: 96 Resp: 620

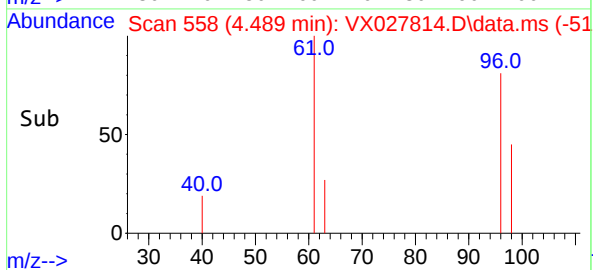
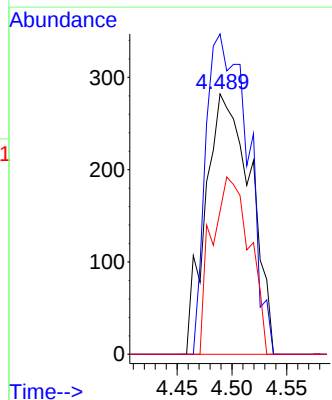
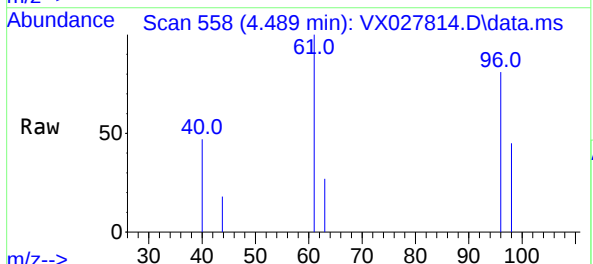
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 158.5 | 124.6 | 187.0 |
| 98  | 55.1  | 51.0  | 76.4  |

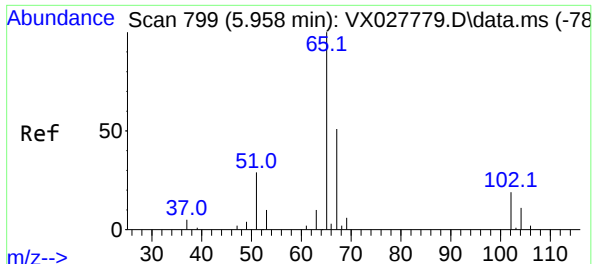


#27  
cis-1,2-Dichloroethene  
Concen: 0.991 ug/l  
RT: 4.489 min Scan# 558  
Delta R.T. -0.006 min  
Lab File: VX027814.D  
Acq: 30 Mar 2022 16:38

Tgt Ion: 96 Resp: 805

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 114.3 | 0.0   | 283.8 |
| 98  | 57.4  | 0.0   | 129.8 |

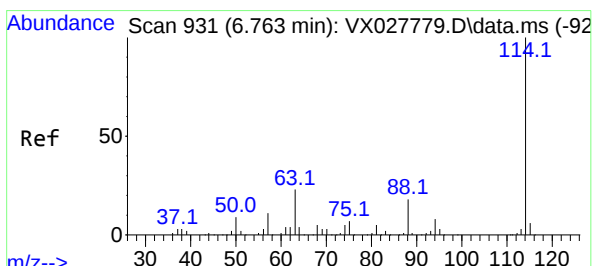
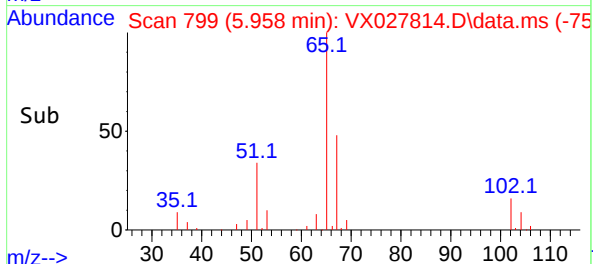
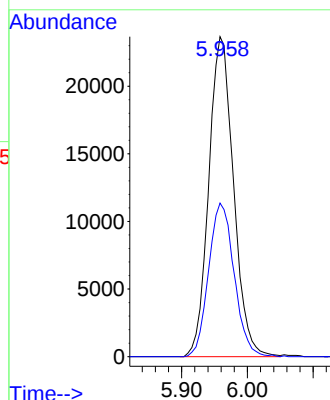
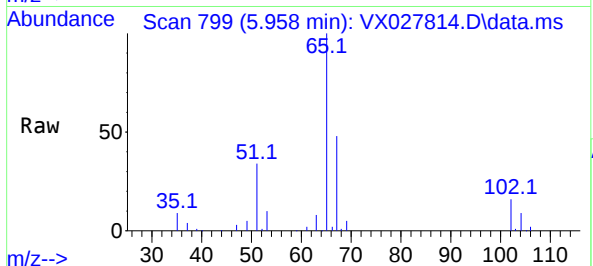




#33  
 1,2-Dichloroethane-d4  
 Concen: 66.578 ug/l  
 RT: 5.958 min Scan# 799  
 Delta R.T. 0.000 min  
 Lab File: VX027814.D  
 Acq: 30 Mar 2022 16:38

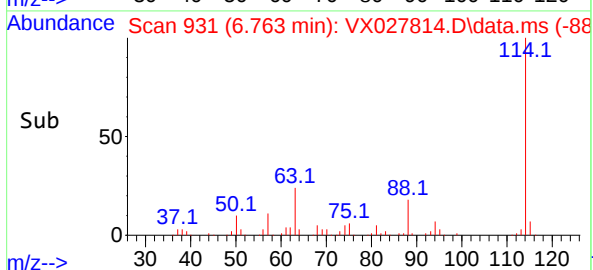
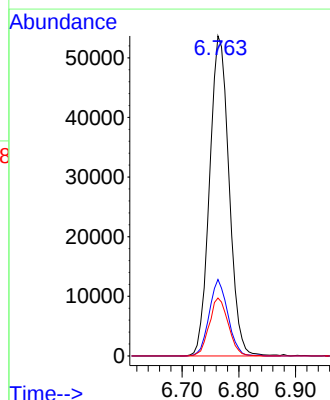
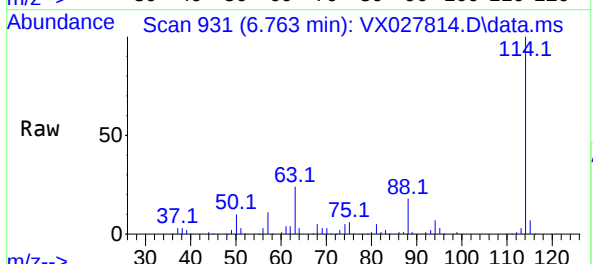
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE125D2-20220317DL

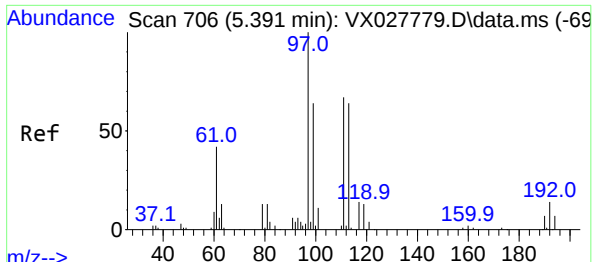
Tgt Ion: 65 Resp: 62033  
 Ion Ratio Lower Upper  
 65 100  
 67 49.5 0.0 107.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.000 min  
 Lab File: VX027814.D  
 Acq: 30 Mar 2022 16:38

Tgt Ion: 114 Resp: 127824  
 Ion Ratio Lower Upper  
 114 100  
 63 23.9 0.0 36.8  
 88 18.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.439 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027814.D

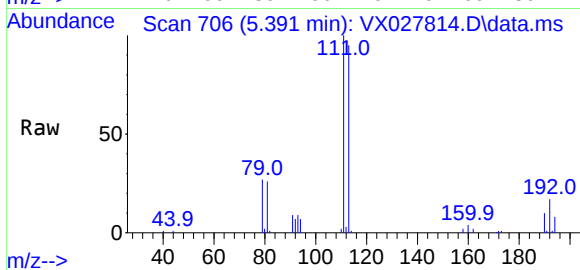
Acq: 30 Mar 2022 16:38

Instrument :

MSVOA\_X

ClientSampleId :

RE125D2-20220317DL



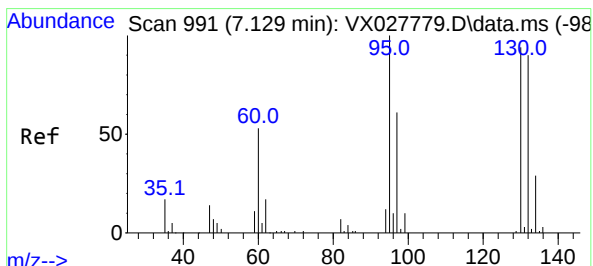
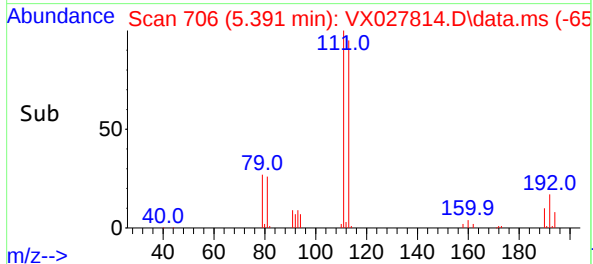
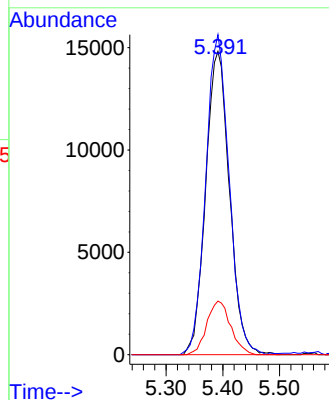
Tgt Ion:113 Resp: 43266

Ion Ratio Lower Upper

113 100

111 103.9 82.8 124.2

192 17.7 16.9 25.3



#44

Trichloroethene

Concen: 61.414 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX027814.D

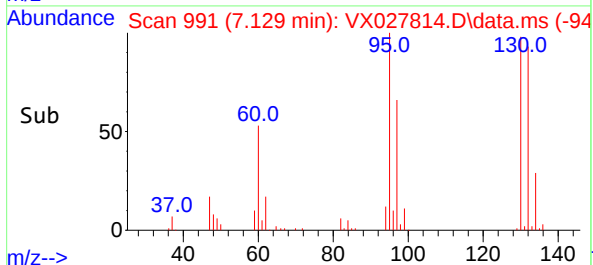
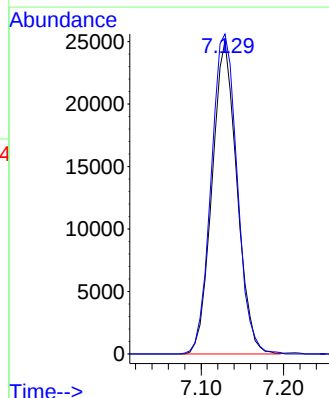
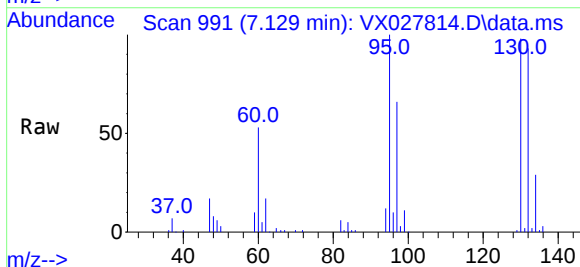
Acq: 30 Mar 2022 16:38

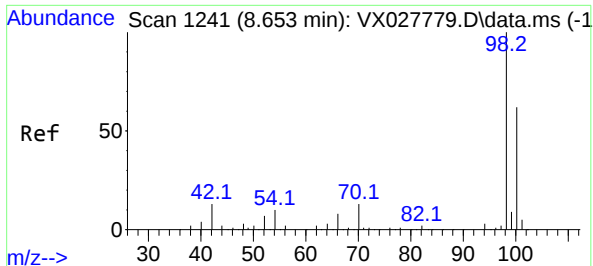
Tgt Ion:130 Resp: 52560

Ion Ratio Lower Upper

130 100

95 102.3 0.0 188.8

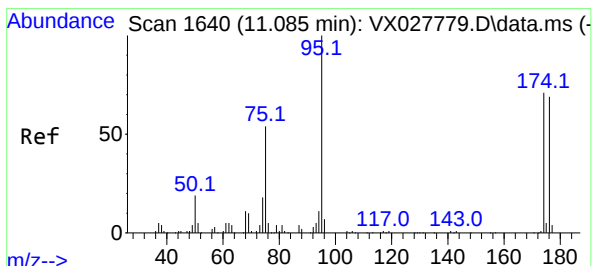
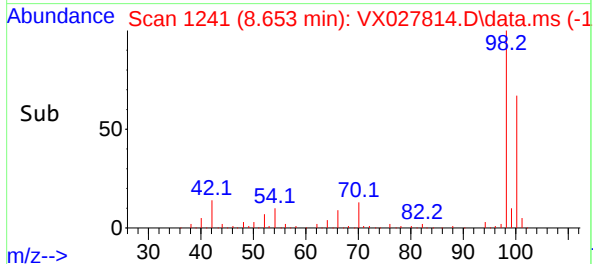
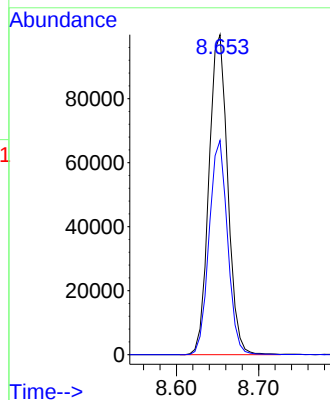
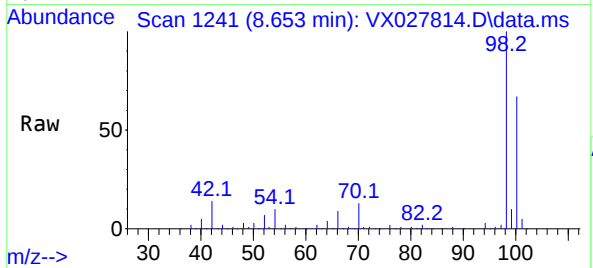




#50  
Toluene-d8  
Concen: 54.594 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX027814.D  
Acq: 30 Mar 2022 16:38

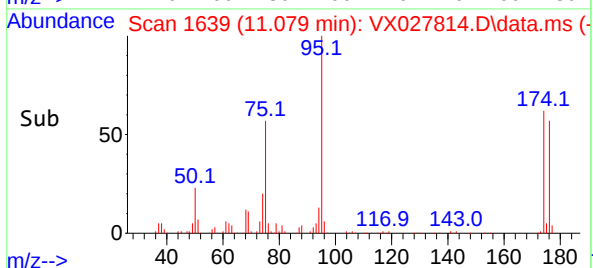
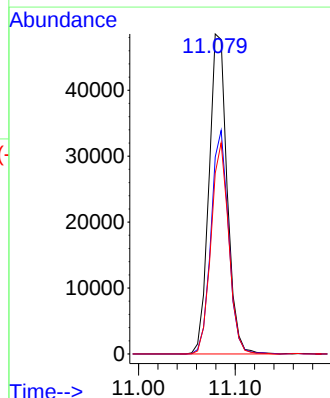
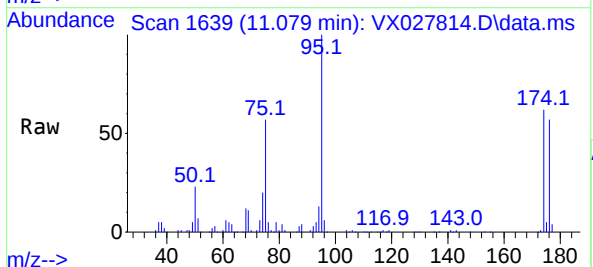
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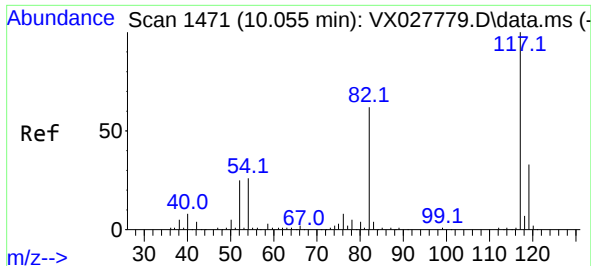
Tgt Ion: 98 Resp: 158484  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 51.409 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX027814.D  
Acq: 30 Mar 2022 16:38

Tgt Ion: 95 Resp: 63421  
Ion Ratio Lower Upper  
95 100  
174 67.5 0.0 163.0  
176 64.1 0.0 155.0

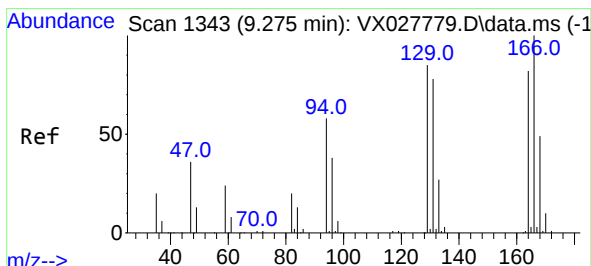
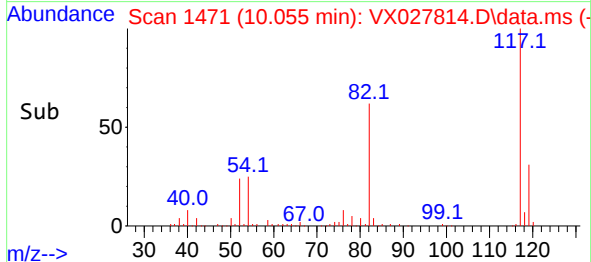
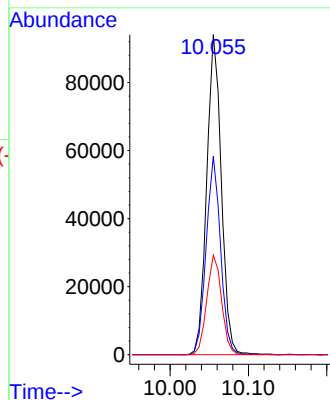
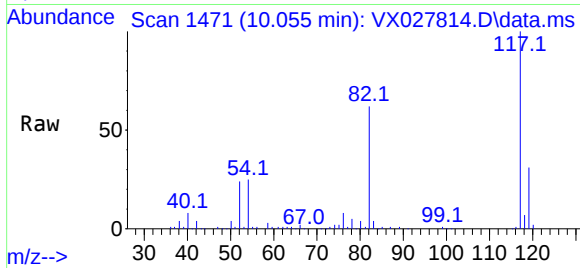




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027814.D  
Acq: 30 Mar 2022 16:38

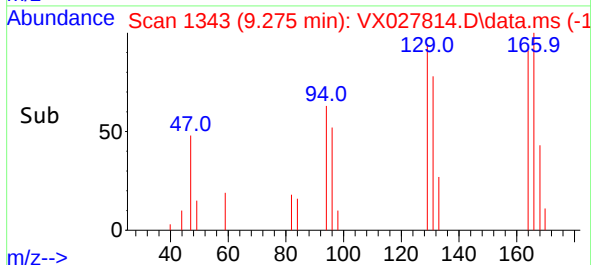
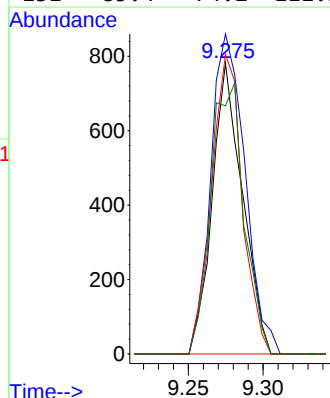
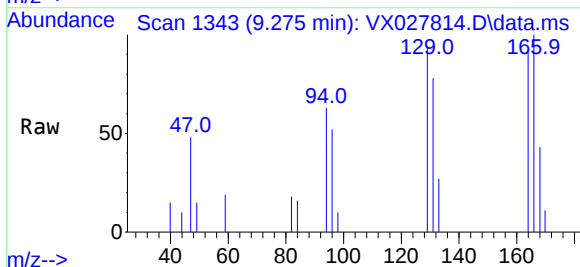
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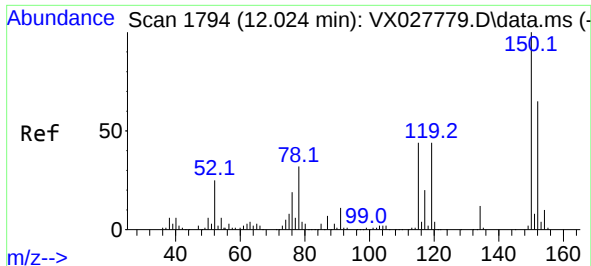
Tgt Ion:117 Resp: 121387  
Ion Ratio Lower Upper  
117 100  
82 62.0 41.8 62.8  
119 31.1 24.8 37.2



#64  
Tetrachloroethene  
Concen: 1.335 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VX027814.D  
Acq: 30 Mar 2022 16:38

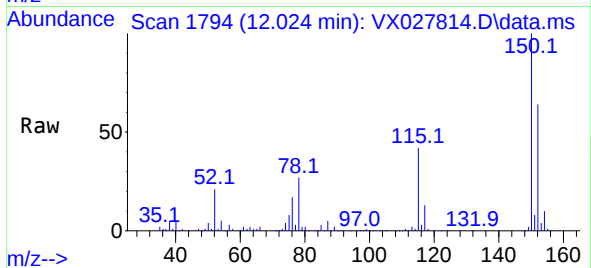
Tgt Ion:164 Resp: 1099  
Ion Ratio Lower Upper  
164 100  
166 110.1 101.2 151.8  
129 103.1 73.0 109.4  
131 85.4 74.2 111.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX027814.D  
 Acq: 30 Mar 2022 16:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE125D2-20220317DL



Tgt Ion:152 Resp: 57676  
 Ion Ratio Lower Upper  
 152 100  
 115 63.7 37.5 112.7  
 150 156.8 0.0 338.2

