

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051322\  
 Data File : VX028709.D  
 Acq On : 14 May 2022 04:08  
 Operator : JC/MD  
 Sample : N2824-12  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 COM-2

Quant Time: May 16 02:33:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 12 14:58:53 2022  
 Response via : Initial Calibration

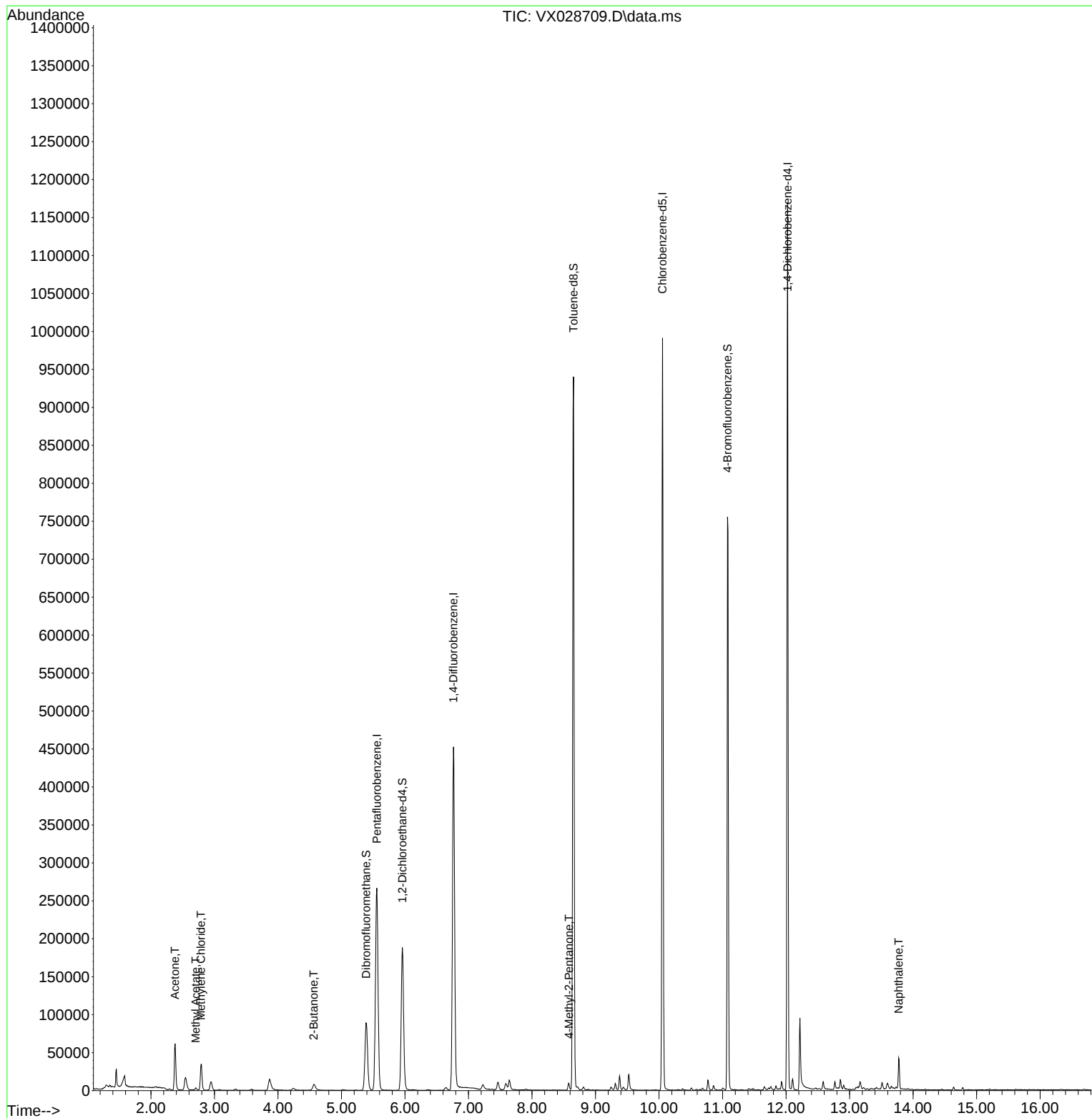
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 244147   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 451815   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 428979   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 219944   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 176627   | 52.777   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 105.560% |          |
| 35) Dibromofluoromethane    | 5.385  | 113   | 77524    | 26.189   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 52.380%# |          |
| 50) Toluene-d8              | 8.653  | 98    | 552313   | 49.488   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 98.980%  |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 199155   | 47.775   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 95.560%  |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 2.380  | 43    | 63515    | 44.221   | ug/l       | 94       |
| 18) Methyl Acetate          | 2.703  | 43    | 2969     | 0.825    | ug/l       | 99       |
| 20) Methylene Chloride      | 2.788  | 84    | 14974    | 4.969    | ug/l       | 90       |
| 25) 2-Butanone              | 4.562  | 43    | 10574    | 4.690    | ug/l       | 93       |
| 51) 4-Methyl-2-Pentanone    | 8.580  | 43    | 5765     | 1.205    | ug/l       | 91       |
| 95) Naphthalene             | 13.774 | 128   | 25810    | 1.651    | ug/l       | 100      |
| -----                       |        |       |          |          |            |          |

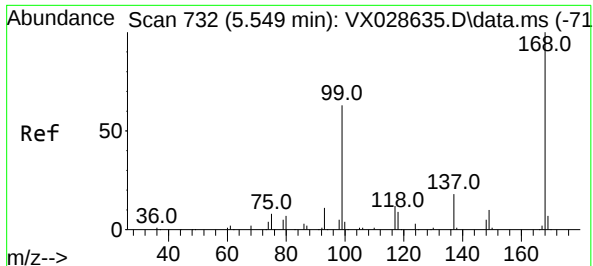
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 16 02:33:22 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051222W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 12 14:58:53 2022  
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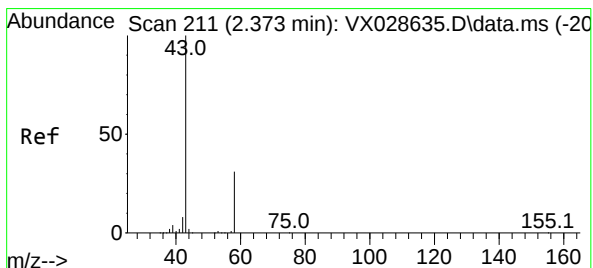
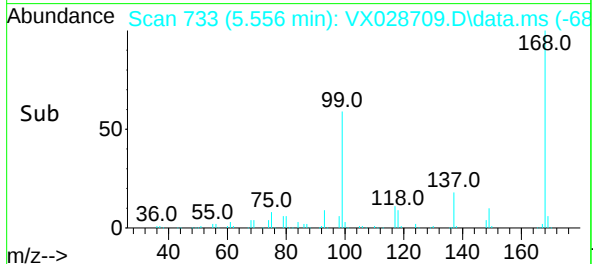
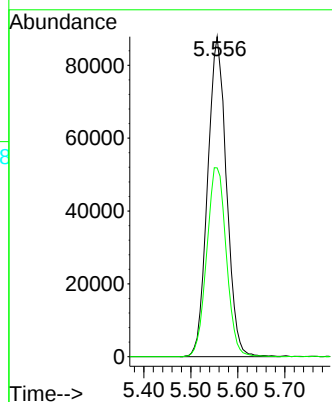
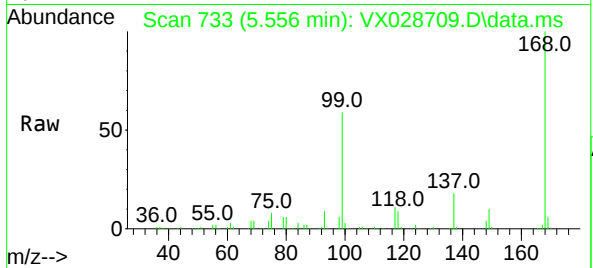




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX028709.D  
Acq: 14 May 2022 04:08

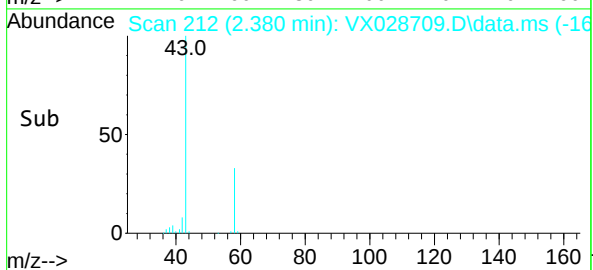
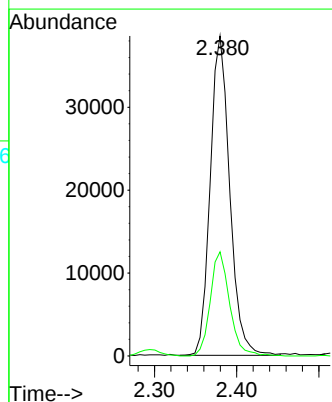
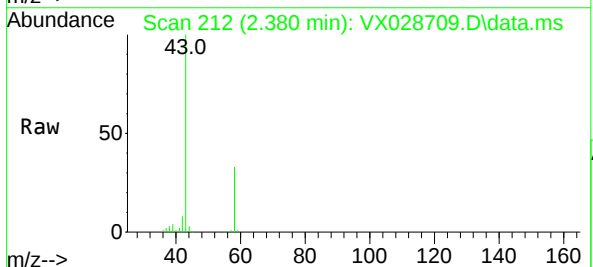
Instrument :  
MSVOA\_X  
ClientSampleId :  
COM-2

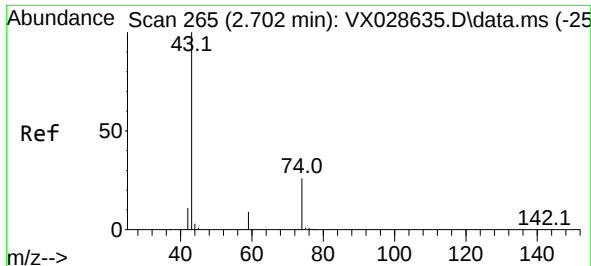
Tgt Ion:168 Resp: 244147  
Ion Ratio Lower Upper  
168 100  
99 59.0 41.7 62.5



#16  
Acetone  
Concen: 44.221 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.007 min  
Lab File: VX028709.D  
Acq: 14 May 2022 04:08

Tgt Ion: 43 Resp: 63515  
Ion Ratio Lower Upper  
43 100  
58 32.6 28.8 43.2

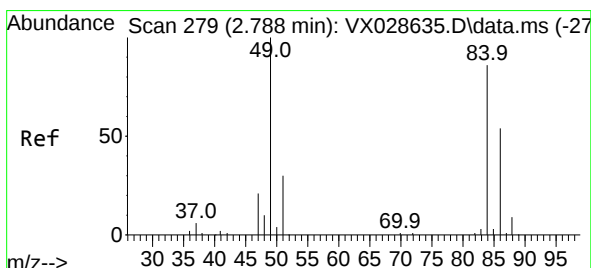
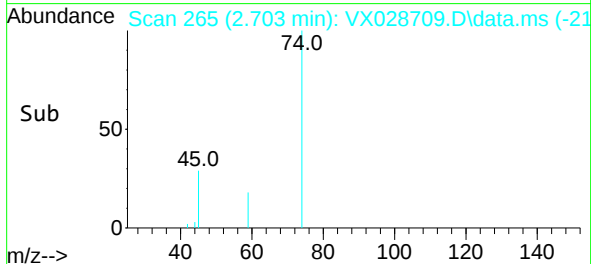
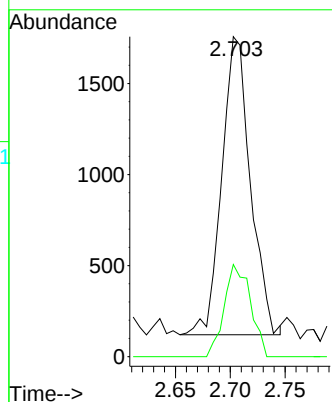
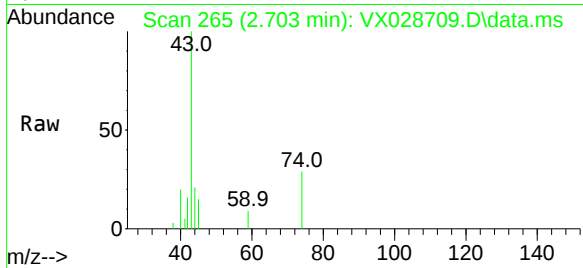




#18  
Methyl Acetate  
Concen: 0.825 ug/l  
RT: 2.703 min Scan# 218  
Delta R.T. 0.001 min  
Lab File: VX028709.D  
Acq: 14 May 2022 04:08

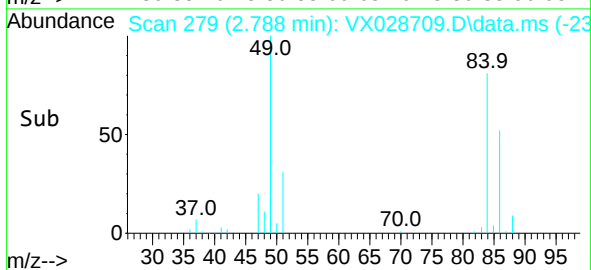
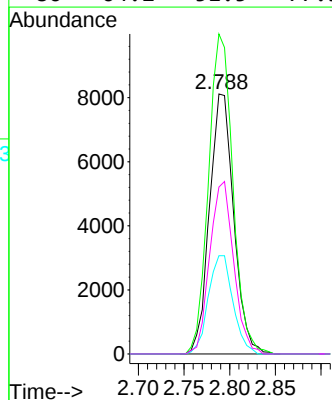
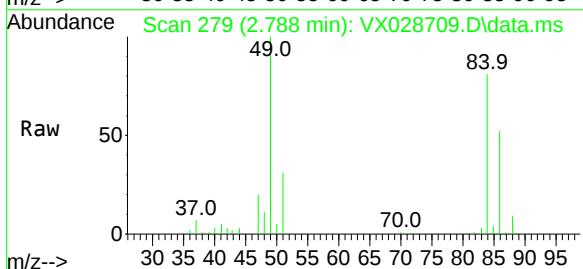
Instrument :  
MSVOA\_X  
ClientSampleId :  
COM-2

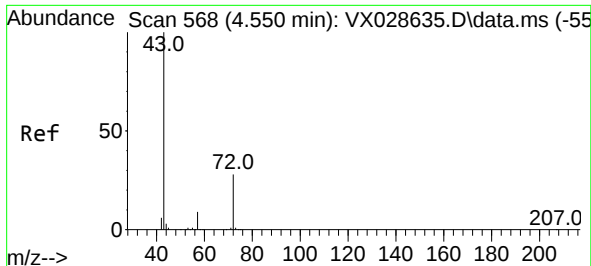
Tgt Ion: 43 Resp: 2969  
Ion Ratio Lower Upper  
43 100  
74 28.2 22.8 34.2



#20  
Methylene Chloride  
Concen: 4.969 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX028709.D  
Acq: 14 May 2022 04:08

Tgt Ion: 84 Resp: 14974  
Ion Ratio Lower Upper  
84 100  
49 123.1 85.5 128.3  
51 37.8 26.6 39.8  
86 64.2 51.5 77.3

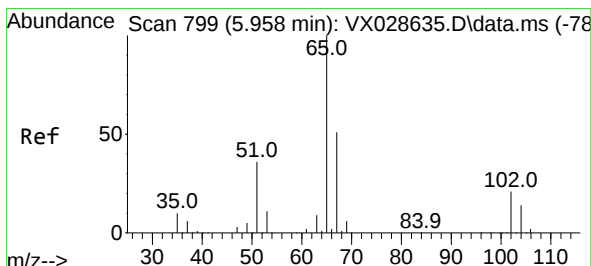
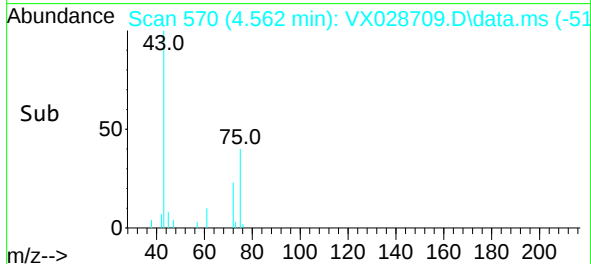
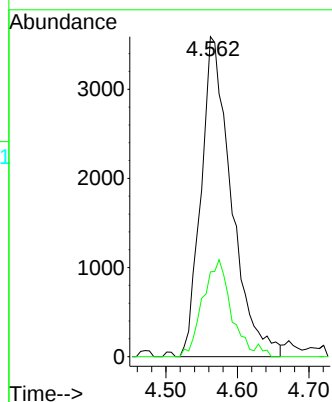
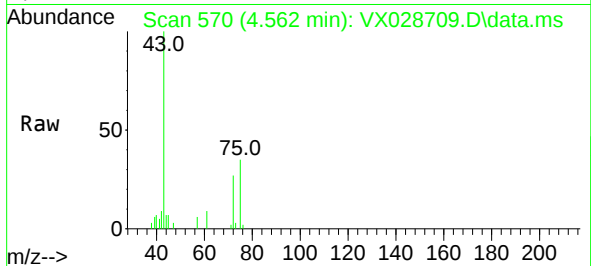




#25  
2-Butanone  
Concen: 4.690 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VX028709.D  
Acq: 14 May 2022 04:08

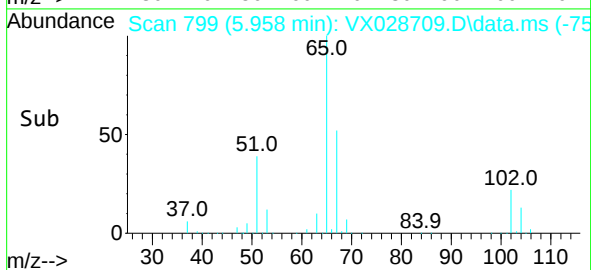
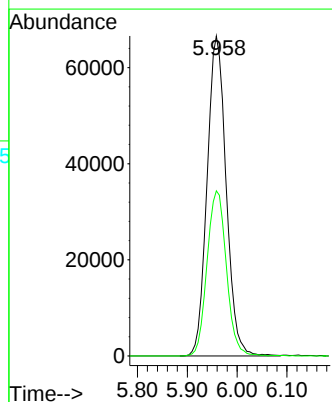
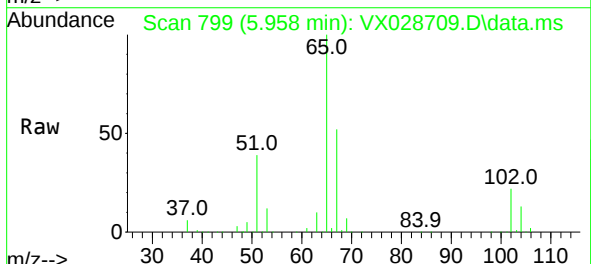
Instrument :  
MSVOA\_X  
ClientSampleId :  
COM-2

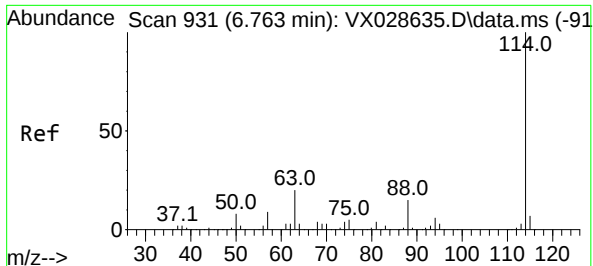
Tgt Ion: 43 Resp: 10574  
Ion Ratio Lower Upper  
43 100  
72 26.5 24.4 36.6



#33  
1,2-Dichloroethane-d4  
Concen: 52.777 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX028709.D  
Acq: 14 May 2022 04:08

Tgt Ion: 65 Resp: 176627  
Ion Ratio Lower Upper  
65 100  
67 52.4 0.0 107.4

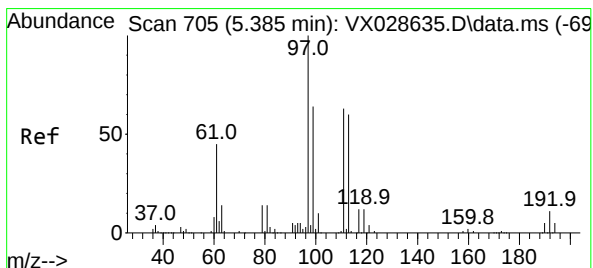
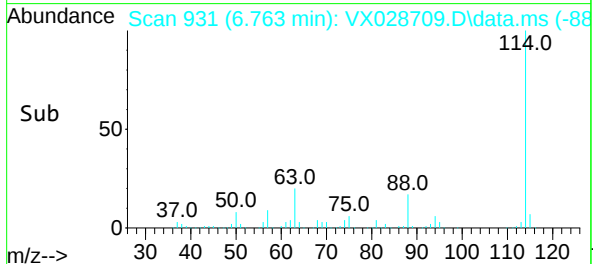
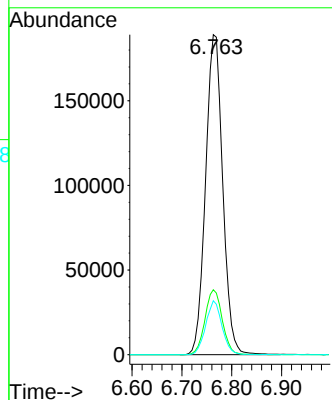
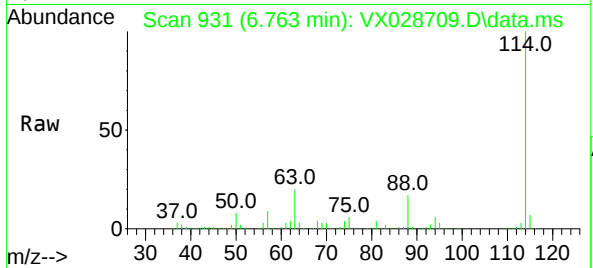




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX028709.D  
Acq: 14 May 2022 04:08

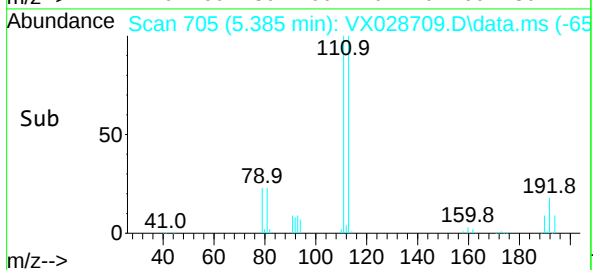
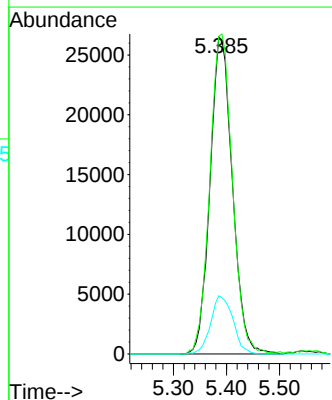
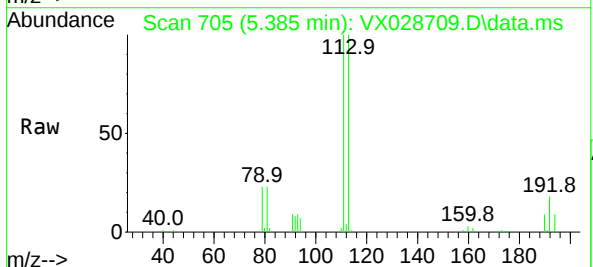
Instrument :  
MSVOA\_X  
ClientSampleId :  
COM-2

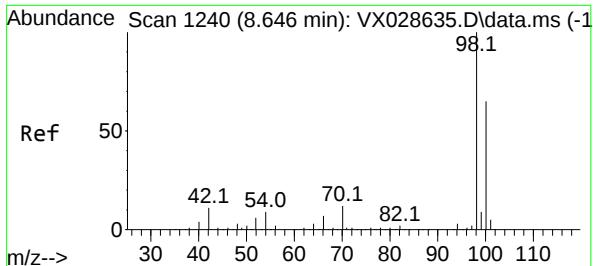
Tgt Ion:114 Resp: 451815  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 36.8  
88 16.8 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 26.189 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX028709.D  
Acq: 14 May 2022 04:08

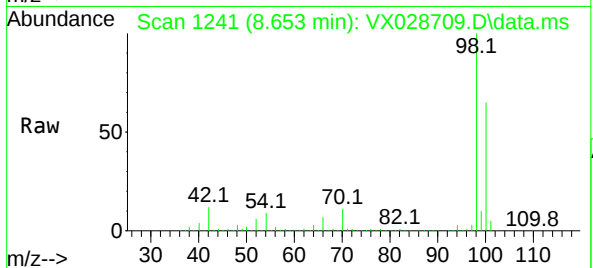
Tgt Ion:113 Resp: 77524  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.8 124.2  
192 18.3 16.9 25.3



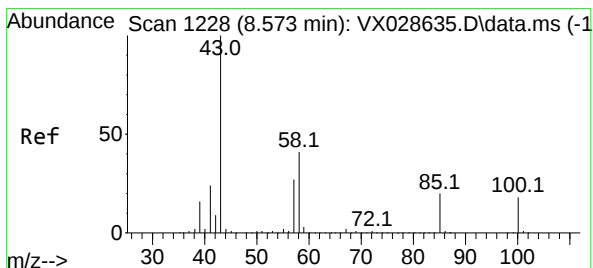
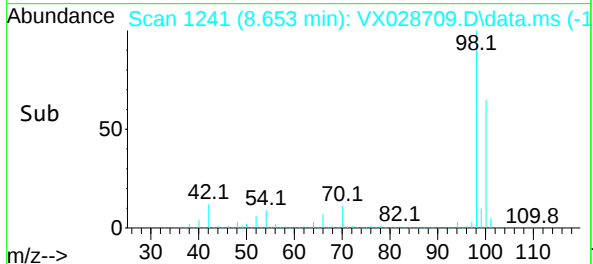
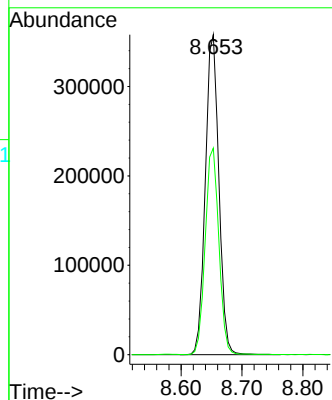


#50  
Toluene-d8  
Concen: 49.488 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VX028709.D  
Acq: 14 May 2022 04:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
COM-2

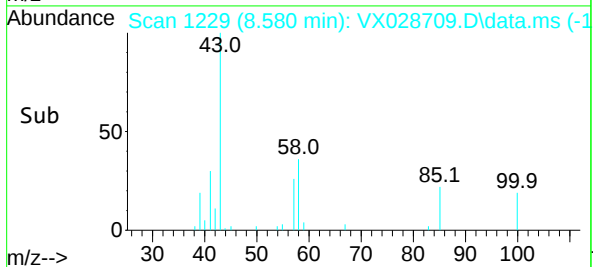
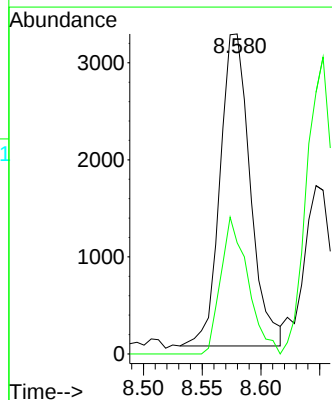
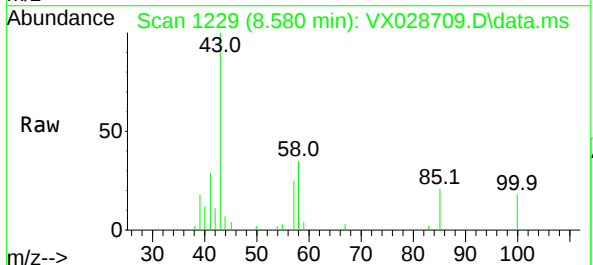


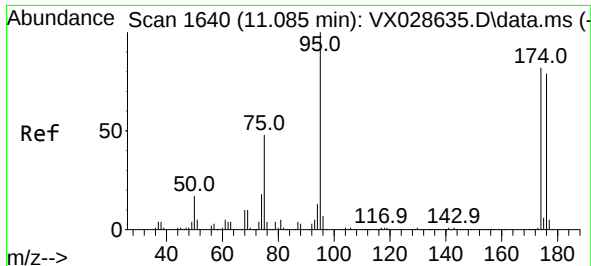
Tgt Ion: 98 Resp: 552313  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.6 78.8



#51  
4-Methyl-2-Pentanone  
Concen: 1.205 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. 0.007 min  
Lab File: VX028709.D  
Acq: 14 May 2022 04:08

Tgt Ion: 43 Resp: 5765  
Ion Ratio Lower Upper  
43 100  
58 39.3 36.1 54.1

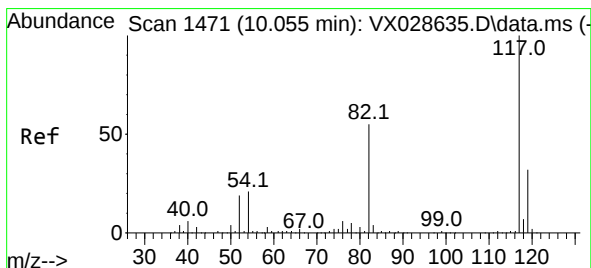
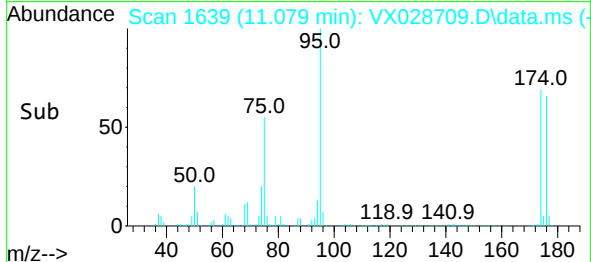
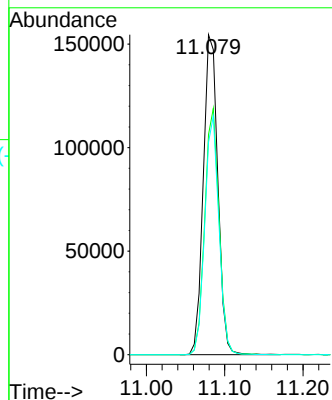
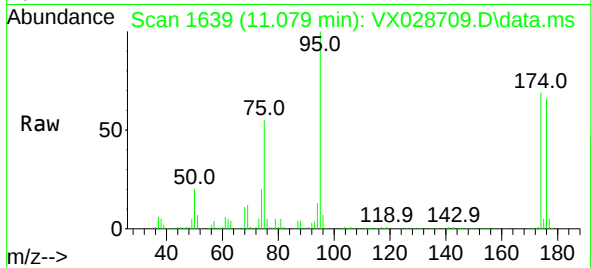




#62  
4-Bromofluorobenzene  
Concen: 47.775 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX028709.D  
Acq: 14 May 2022 04:08

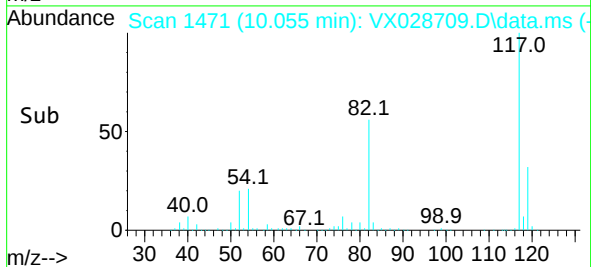
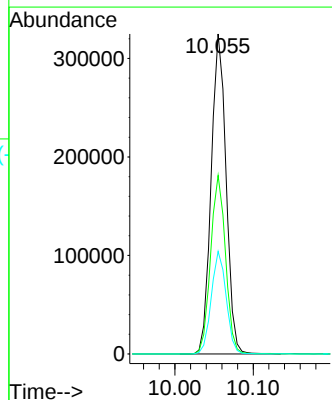
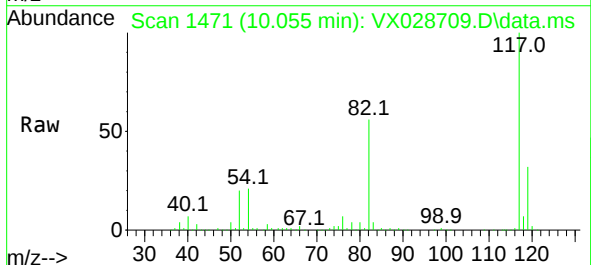
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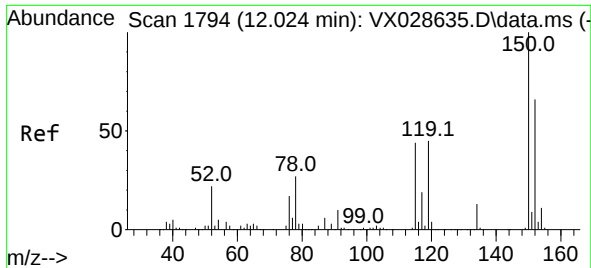
Tgt Ion: 95 Resp: 199155  
Ion Ratio Lower Upper  
95 100  
174 75.7 0.0 163.0  
176 72.5 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX028709.D  
Acq: 14 May 2022 04:08

Tgt Ion: 117 Resp: 428979  
Ion Ratio Lower Upper  
117 100  
82 55.8 41.8 62.8  
119 32.0 24.8 37.2

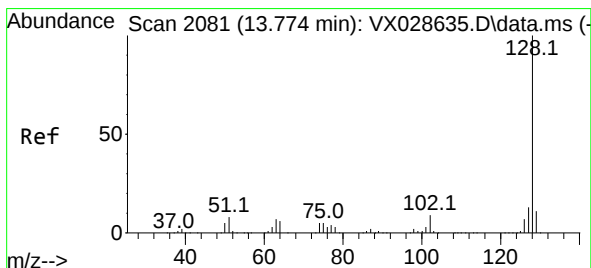
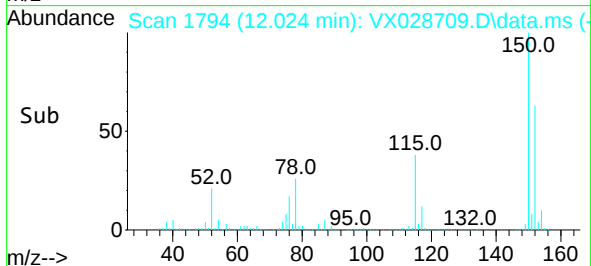
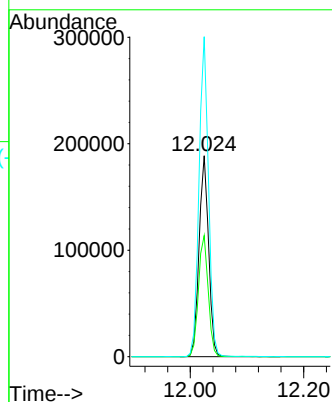
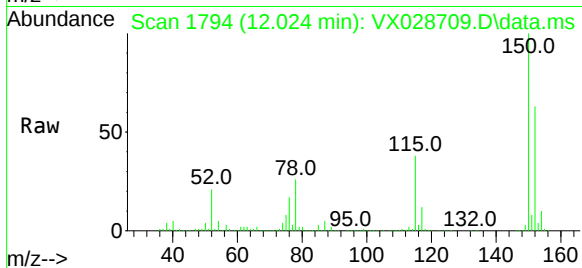




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX028709.D  
Acq: 14 May 2022 04:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
COM-2

Tgt Ion:152 Resp: 219944  
Ion Ratio Lower Upper  
152 100  
115 61.9 37.5 112.7  
150 158.1 0.0 338.2



#95  
Naphthalene  
Concen: 1.651 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX028709.D  
Acq: 14 May 2022 04:08

Tgt Ion:128 Resp: 25810  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.4  
129 11.1 8.7 13.1

