

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062422\  
 Data File : VX029798.D  
 Acq On : 25 Jun 2022 04:40  
 Operator : JC/MD  
 Sample : N3386-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BPOW1-7-20220614

Quant Time: Jun 25 05:34:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 20 01:31:01 2022  
 Response via : Initial Calibration

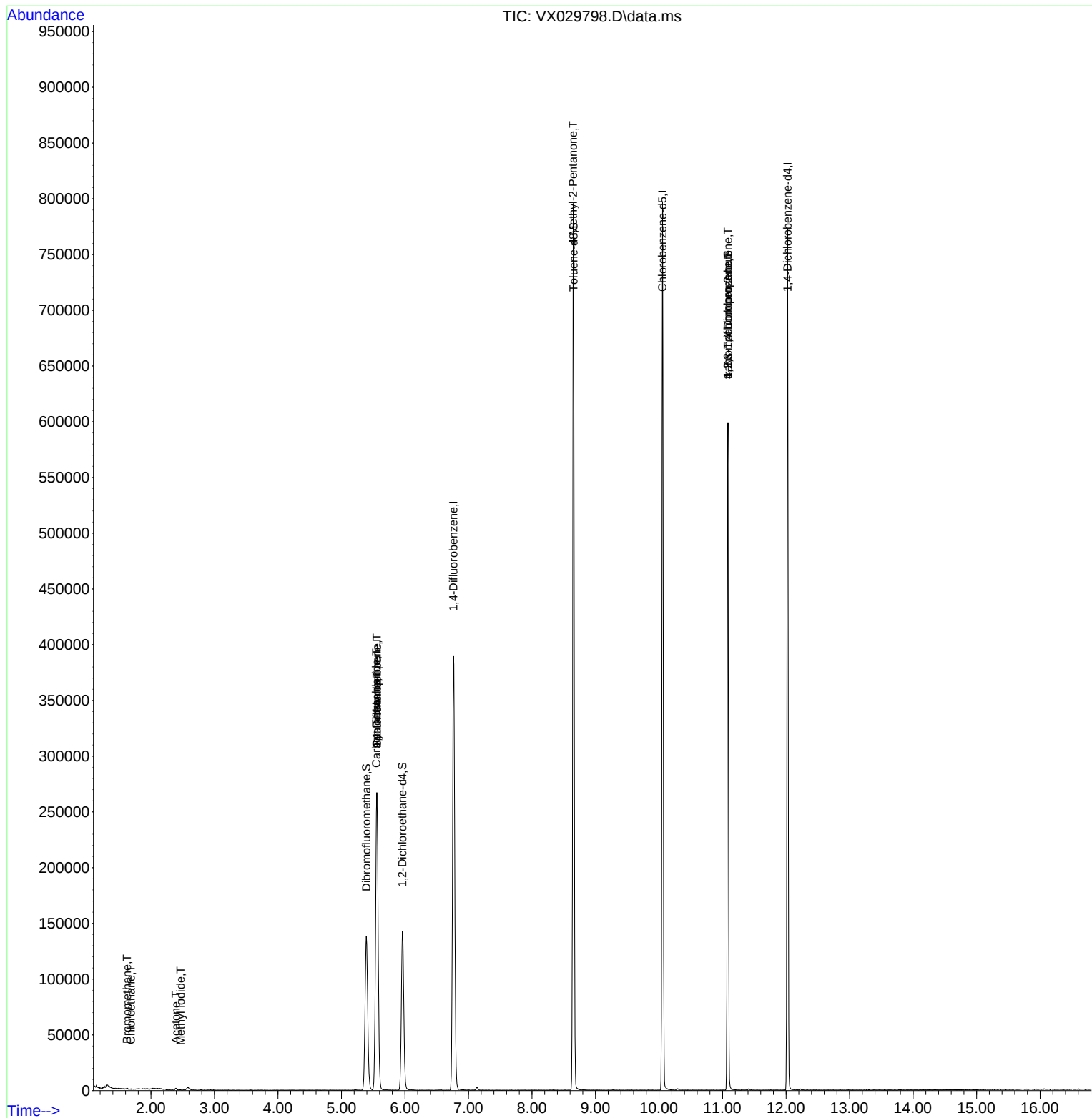
| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) Pentafluorobenzene         | 5.555          | 168  | 263551     | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.763          | 114  | 434945     | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055         | 117  | 379299     | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 167245     | 50.000    | ug/l   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.958          | 65   | 135817     | 38.931    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 74 - 125 |      | Recovery = | 77.860%   |        |          |
| 35) Dibromofluoromethane      | 5.391          | 113  | 125896     | 44.416    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 75 - 124 |      | Recovery = | 88.840%   |        |          |
| 50) Toluene-d8                | 8.652          | 98   | 488685     | 47.194    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 86 - 113 |      | Recovery = | 94.380%   |        |          |
| 62) 4-Bromofluorobenzene      | 11.085         | 95   | 176309     | 45.150    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 83 - 123 |      | Recovery = | 90.300%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        |          |
|                               |                |      |            |           | Qvalue |          |
| 5) Bromomethane               | 1.623          | 94   | 447        | 0.277     | ug/l # | 62       |
| 6) Chloroethane               | 1.684          | 64   | 76         | 1.323     | ug/l # | 43       |
| 10) Methyl Iodide             | 2.465          | 142  | 429        | 3.145     | ug/l # | 85       |
| 11) Tert butyl alcohol        | 2.995          | 59   | 63         | Below Cal | #      | 72       |
| 16) Acetone                   | 2.391          | 43   | 2015       | 1.449     | ug/l   | 98       |
| 31) Cyclohexane               | 5.555          | 56   | 4265       | 0.911     | ug/l # | 1        |
| 36) 1,1-Dichloropropene       | 5.555          | 75   | 18555      | 4.837     | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 5.549          | 117  | 26319      | 6.976     | ug/l # | 15       |
| 44) Trichloroethene           | 7.122          | 130  | 1313       | Below Cal |        | 53       |
| 51) 4-Methyl-2-Pentanone      | 8.646          | 43   | 1837       | 0.466     | ug/l # | 1        |
| 76) 1,2,3-Trichloropropane    | 11.085         | 75   | 81117      | 22.264    | ug/l # | 38       |
| 81) trans-1,4-Dichloro-2-b... | 11.085         | 75   | 81117      | 74.067    | ug/l # | 15       |
| -----                         |                |      |            |           |        |          |

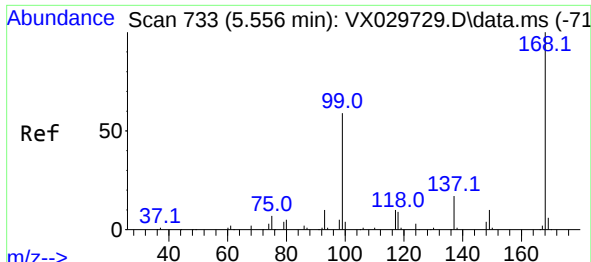
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062422\  
Data File : VX029798.D  
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Sample : N3386-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW1-7-20220614

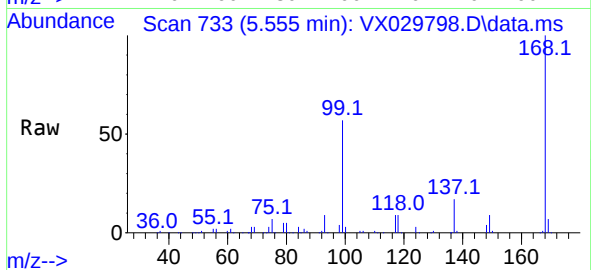
Quant Time: Jun 25 05:34:16 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 20 01:31:01 2022  
Response via : Initial Calibration



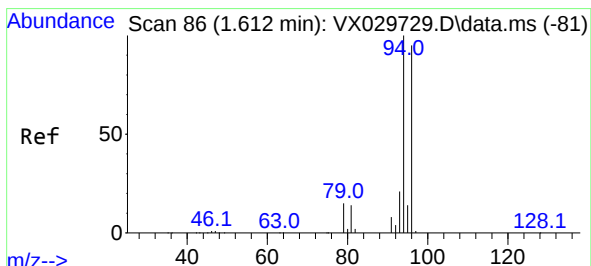
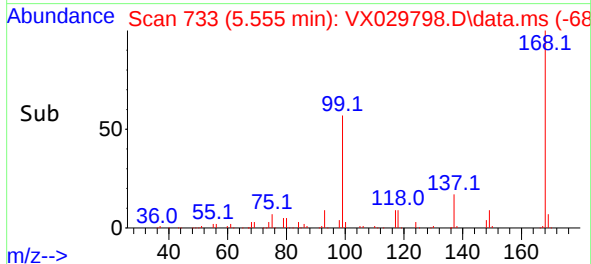
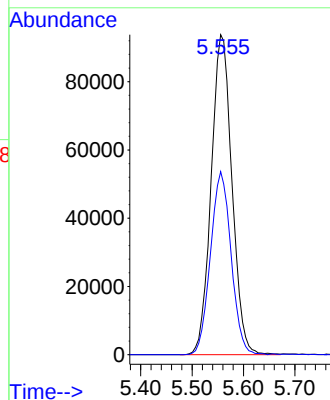


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.555 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW1-7-20220614

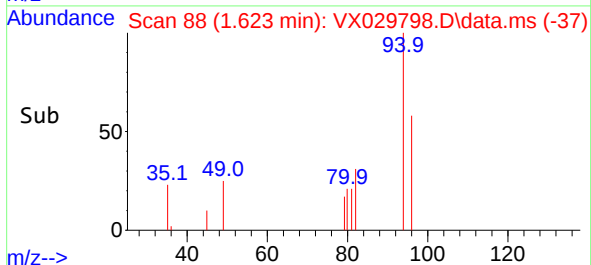
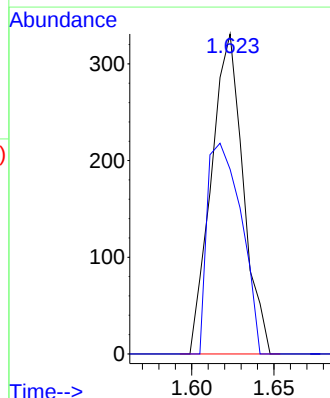
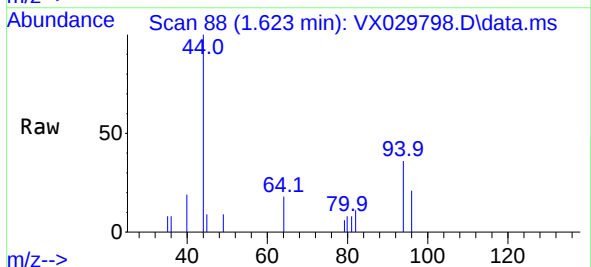


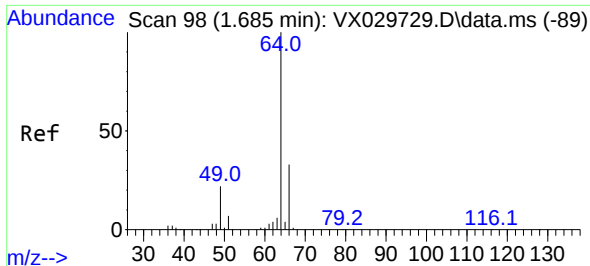
Tgt Ion:168 Resp: 263551  
Ion Ratio Lower Upper  
168 100  
99 57.2 41.7 62.5



#5  
Bromomethane  
Concen: 0.277 ug/l  
RT: 1.623 min Scan# 88  
Delta R.T. 0.012 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40

Tgt Ion: 94 Resp: 447  
Ion Ratio Lower Upper  
94 100  
96 57.7 75.3 112.9#

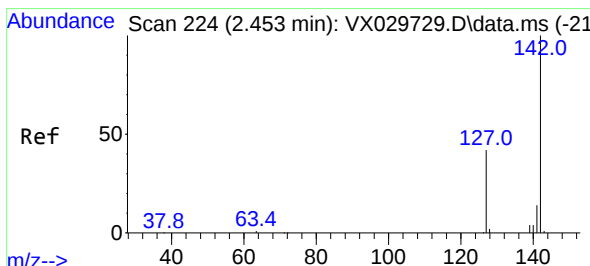
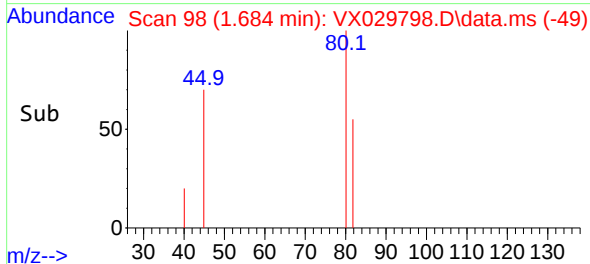
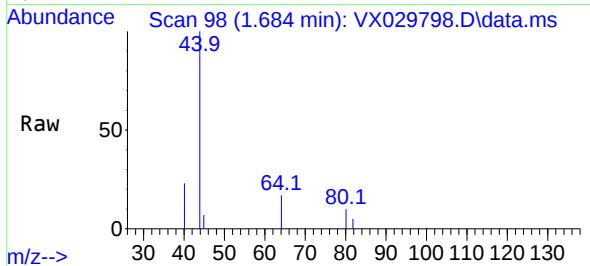




#6  
Chloroethane  
Concen: 1.323 ug/l  
RT: 1.684 min Scan# 91  
Delta R.T. -0.001 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40

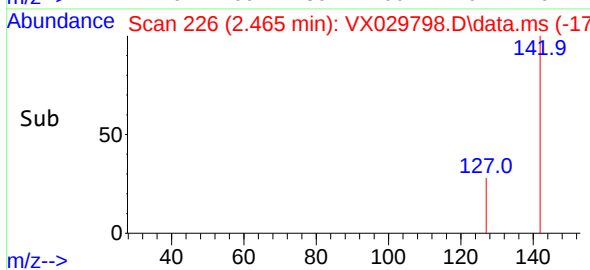
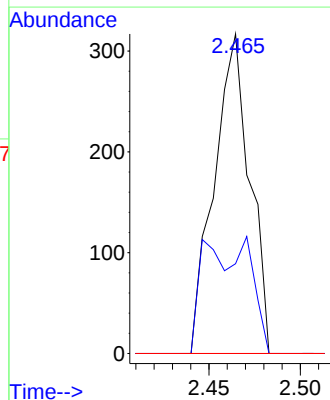
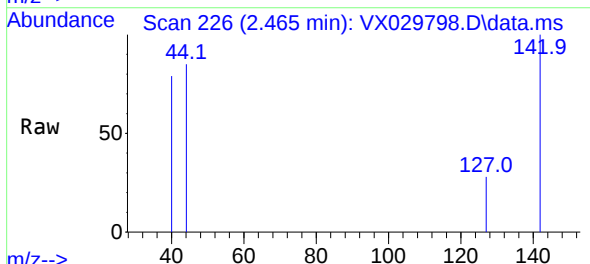
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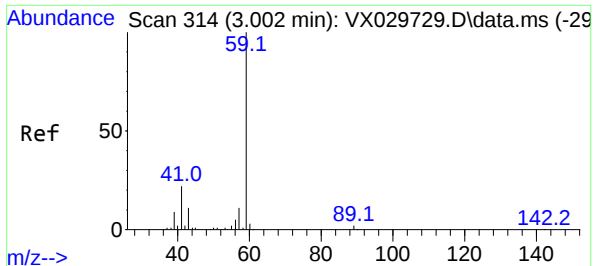
Tgt Ion: 64 Resp: 76  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.3 37.9#



#10  
Methyl Iodide  
Concen: 3.145 ug/l  
RT: 2.465 min Scan# 226  
Delta R.T. 0.012 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40

Tgt Ion: 142 Resp: 429  
Ion Ratio Lower Upper  
142 100  
127 47.3 33.9 50.9  
141 0.0 11.4 17.2#

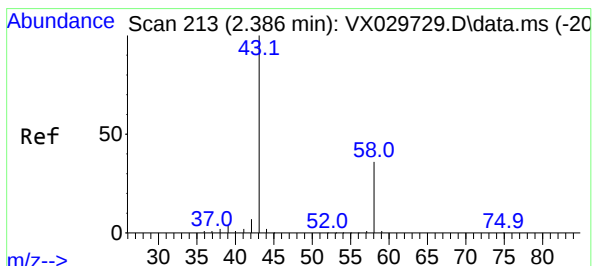
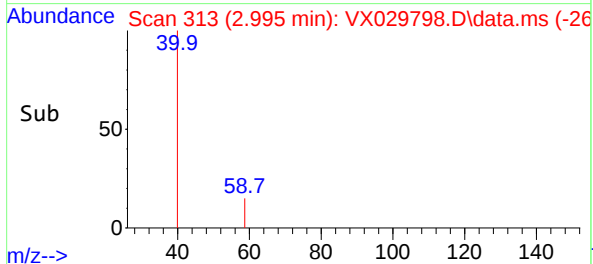
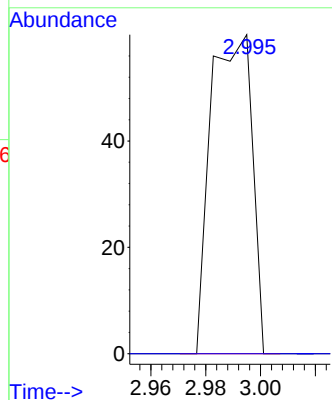
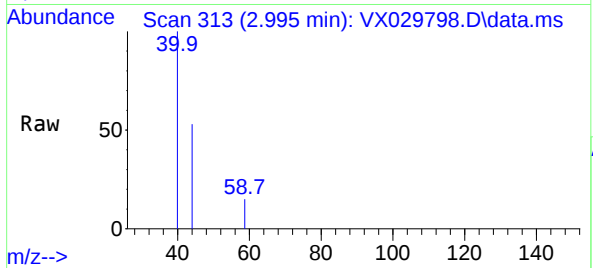




#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 2.995 min Scan# 311  
Delta R.T. 0.012 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40

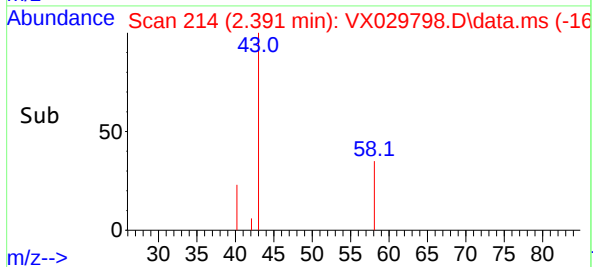
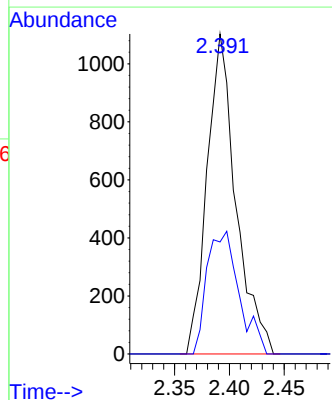
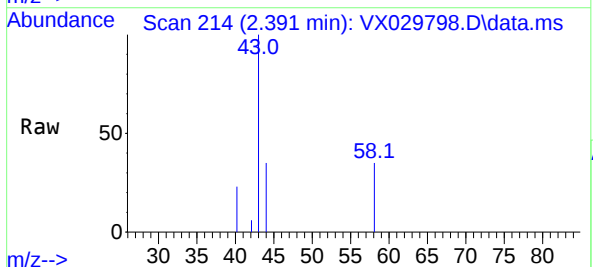
Instrument :  
MSVOA\_X  
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BPOW1-7-20220614

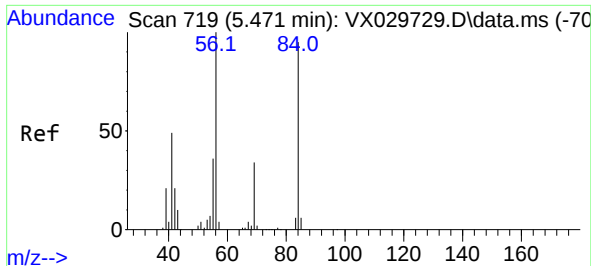
Tgt Ion: 59 Resp: 63  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.3 12.5#



#16  
Acetone  
Concen: 1.449 ug/l  
RT: 2.391 min Scan# 214  
Delta R.T. 0.005 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40

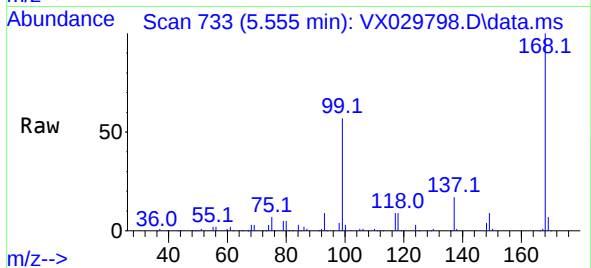
Tgt Ion: 43 Resp: 2015  
Ion Ratio Lower Upper  
43 100  
58 35.0 28.8 43.2



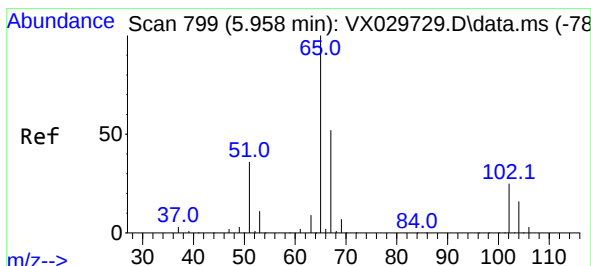
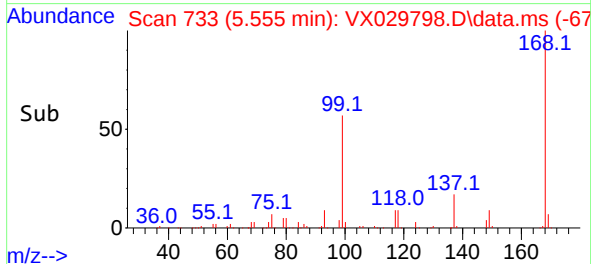
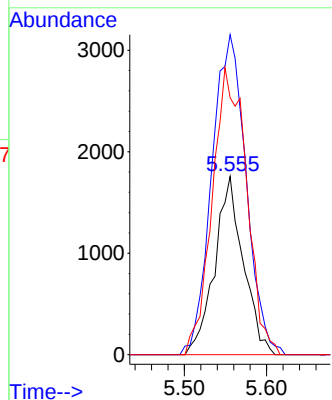


#31  
Cyclohexane  
Concen: 0.911 ug/l  
RT: 5.555 min Scan# 719  
Delta R.T. 0.078 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
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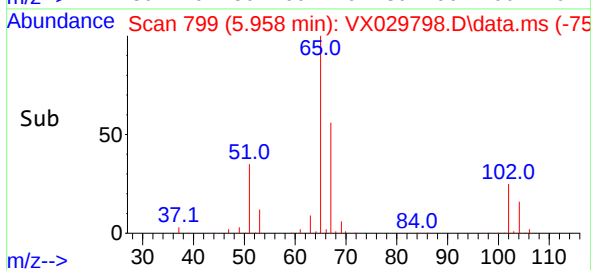
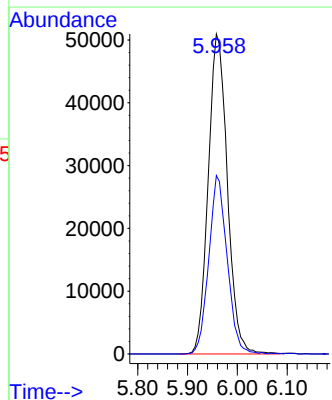
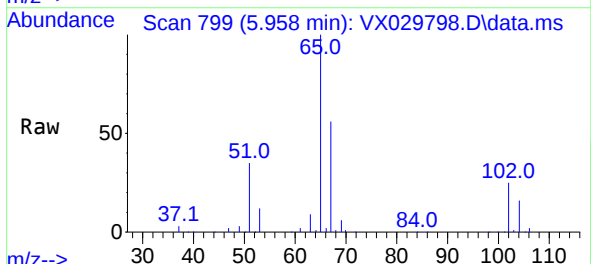


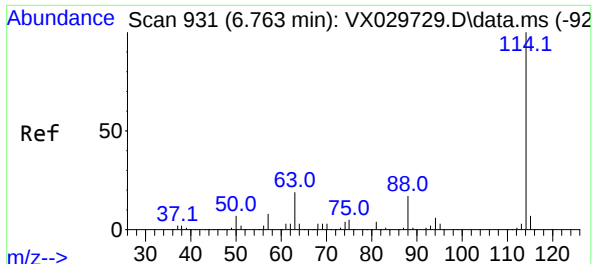
Tgt Ion: 56 Resp: 4265  
Ion Ratio Lower Upper  
56 100  
69 179.5 26.7 40.1#  
84 144.1 77.2 115.8#



#33  
1,2-Dichloroethane-d4  
Concen: 38.931 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40

Tgt Ion: 65 Resp: 135817  
Ion Ratio Lower Upper  
65 100  
67 53.6 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: VX029798.D

Acq: 25 Jun 2022 04:40

Instrument :

MSVOA\_X

ClientSampleId :

BPOW1-7-20220614

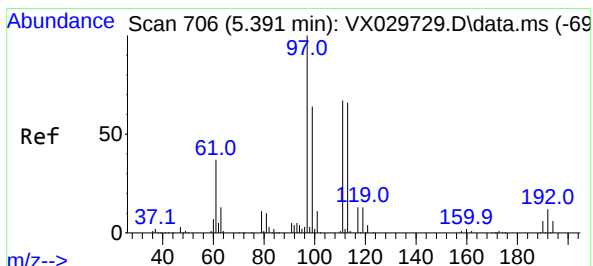
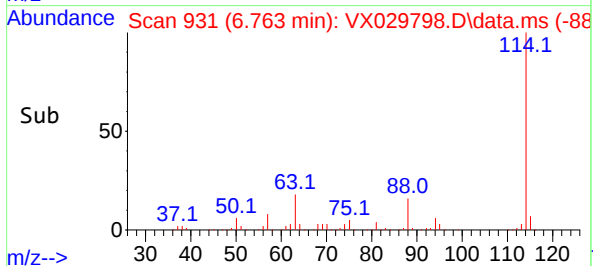
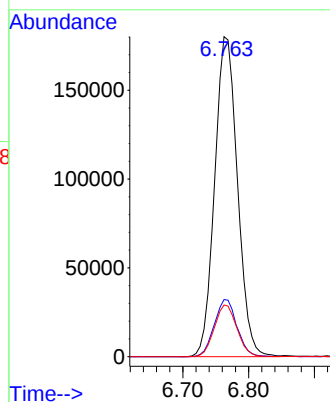
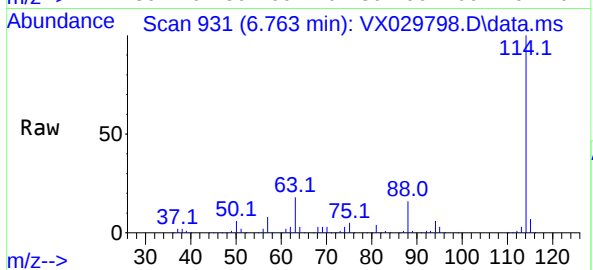
Tgt Ion:114 Resp: 434945

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

88 16.1 0.0 32.4



#35

Dibromofluoromethane

Concen: 44.416 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029798.D

Acq: 25 Jun 2022 04:40

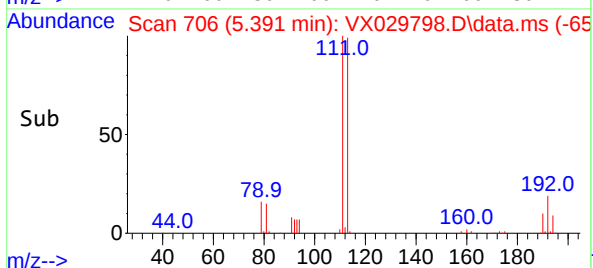
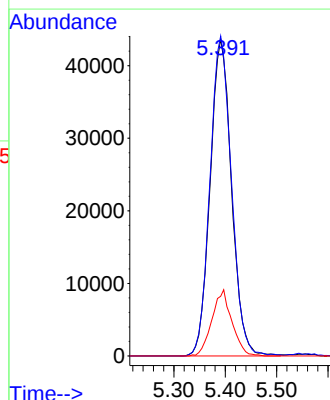
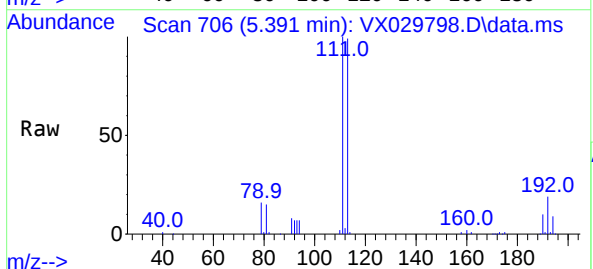
Tgt Ion:113 Resp: 125896

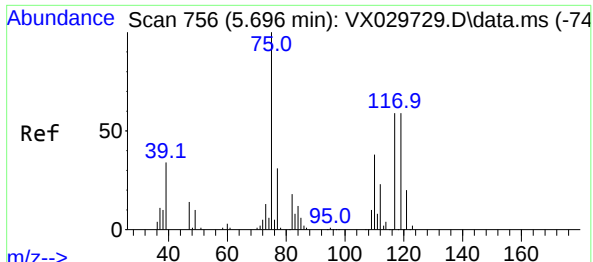
Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

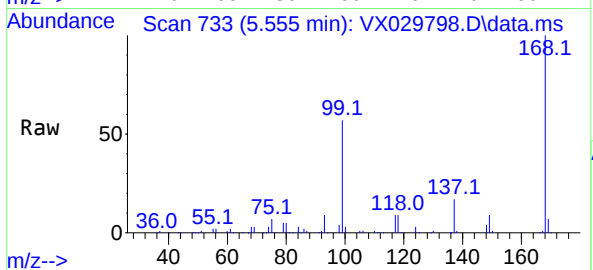
192 19.6 16.9 25.3



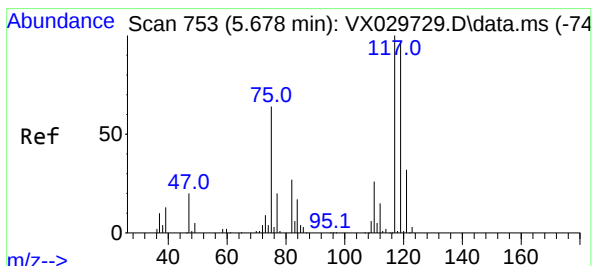
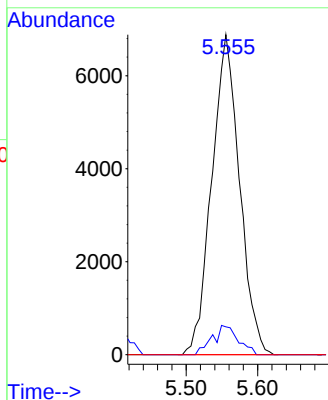
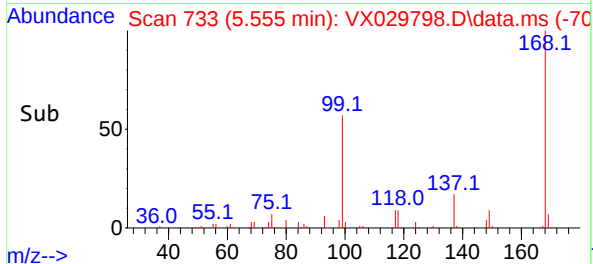


#36  
1,1-Dichloropropene  
Concen: 4.837 ug/l  
RT: 5.555 min Scan# 71  
Delta R.T. -0.141 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40

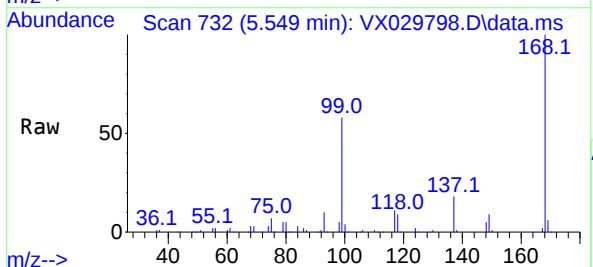
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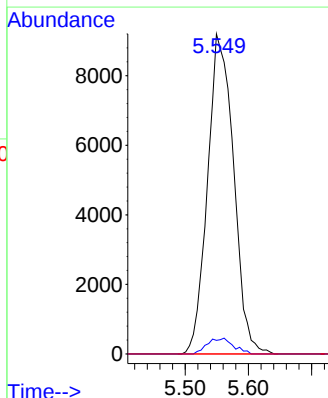
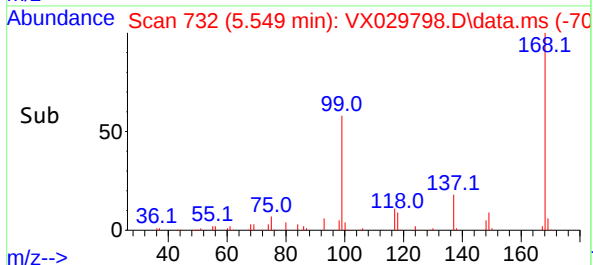
Tgt Ion: 75 Resp: 18555  
Ion Ratio Lower Upper  
75 100  
110 8.5 18.3 54.8#  
77 0.0 24.8 37.2#

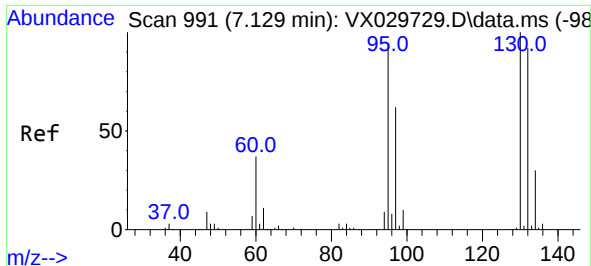


#38  
Carbon Tetrachloride  
Concen: 6.976 ug/l  
RT: 5.549 min Scan# 732  
Delta R.T. -0.135 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40



Tgt Ion: 117 Resp: 26319  
Ion Ratio Lower Upper  
117 100  
119 4.2 77.3 115.9#  
121 0.0 24.2 36.2#

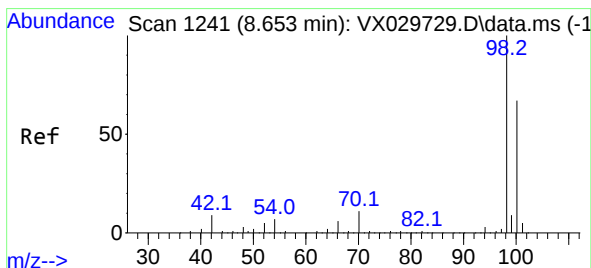
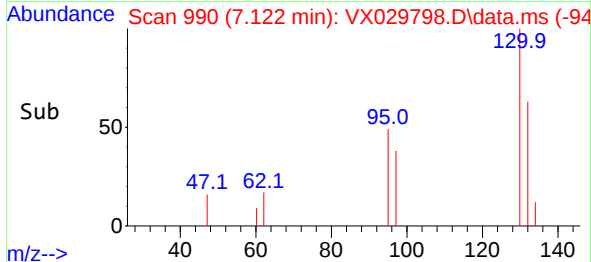
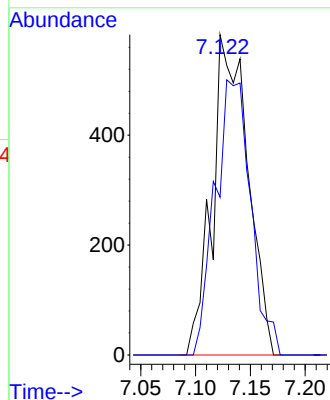
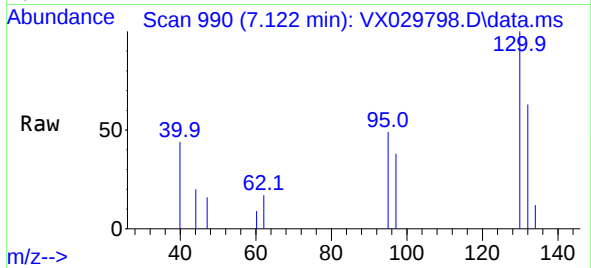




#44  
Trichloroethene  
Concen: Below Cal  
RT: 7.122 min Scan# 991  
Delta R.T. -0.007 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40

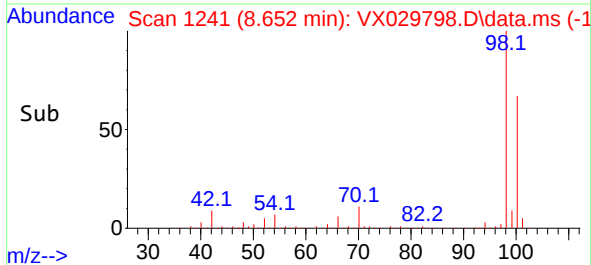
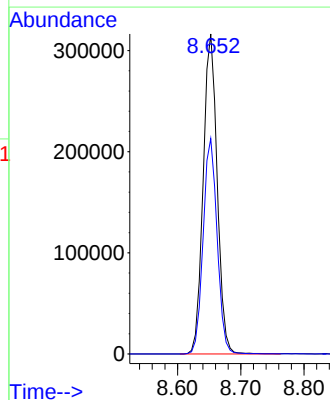
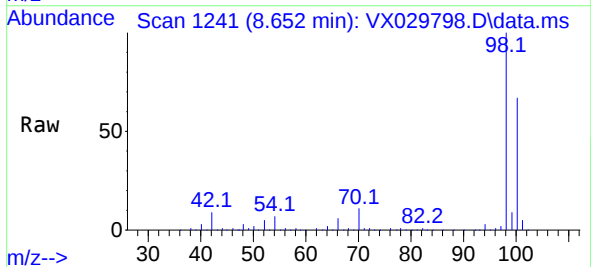
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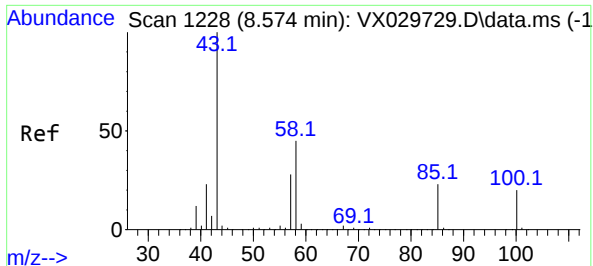
Tgt Ion:130 Resp: 1313  
Ion Ratio Lower Upper  
130 100  
95 49.2 0.0 188.8



#50  
Toluene-d8  
Concen: 47.194 ug/l  
RT: 8.652 min Scan# 1241  
Delta R.T. -0.001 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40

Tgt Ion: 98 Resp: 488685  
Ion Ratio Lower Upper  
98 100  
100 67.0 52.6 78.8

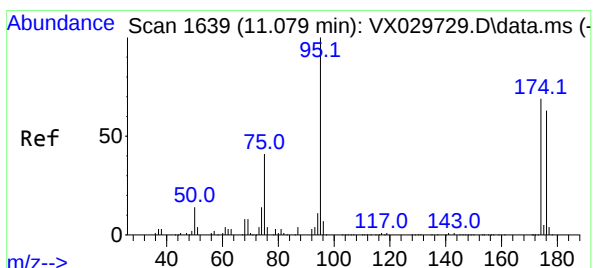
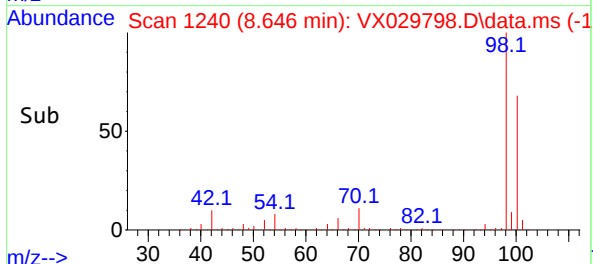
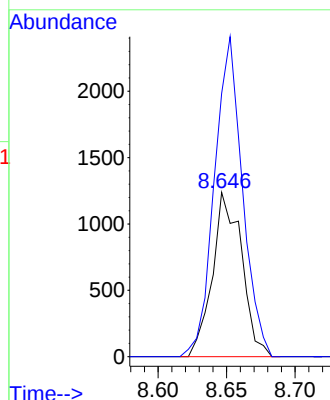
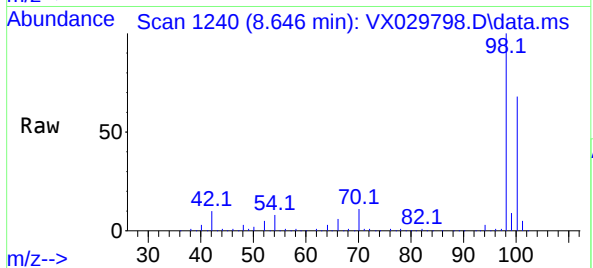




#51  
4-Methyl-2-Pentanone  
Concen: 0.466 ug/l  
RT: 8.646 min Scan# 11  
Delta R.T. 0.072 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40

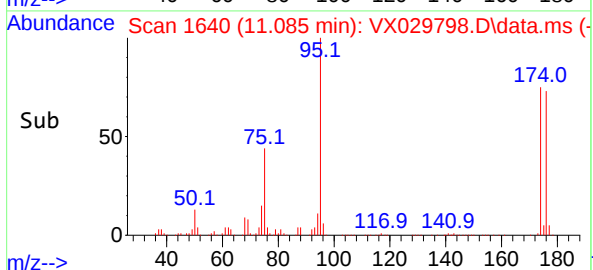
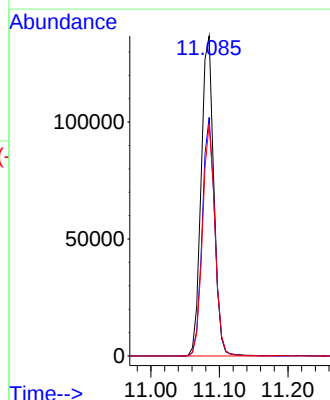
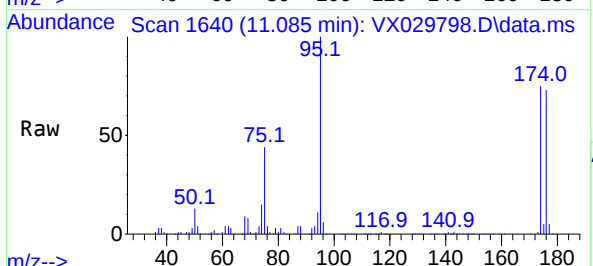
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW1-7-20220614

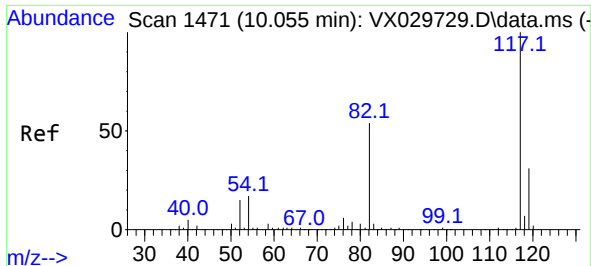
Tgt Ion: 43 Resp: 1837  
Ion Ratio Lower Upper  
43 100  
58 186.9 36.1 54.1#



#62  
4-Bromofluorobenzene  
Concen: 45.150 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. -0.000 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40

Tgt Ion: 95 Resp: 176309  
Ion Ratio Lower Upper  
95 100  
174 73.8 0.0 163.0  
176 71.2 0.0 155.0

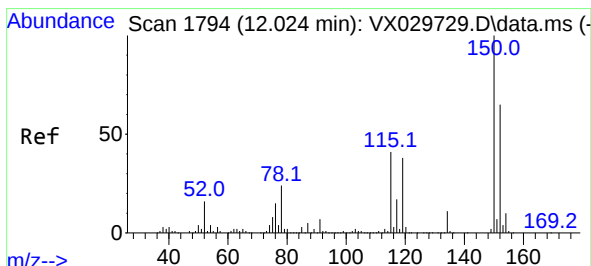
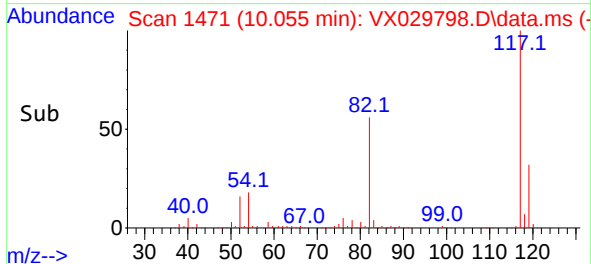
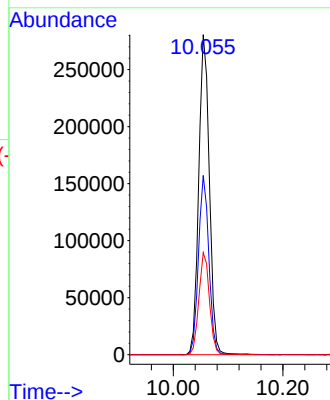
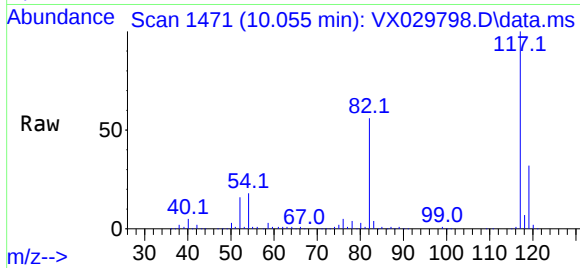




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40

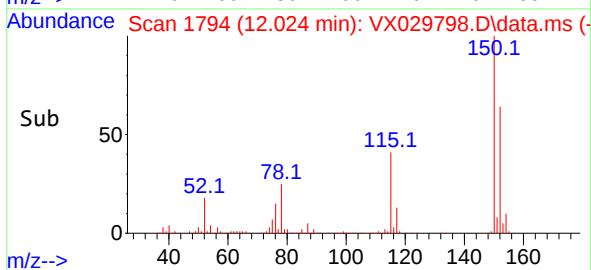
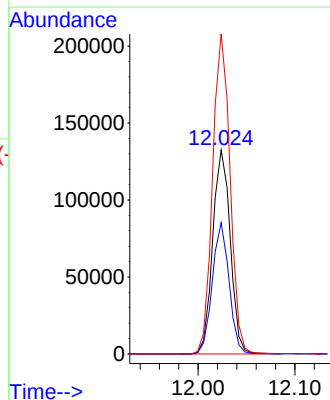
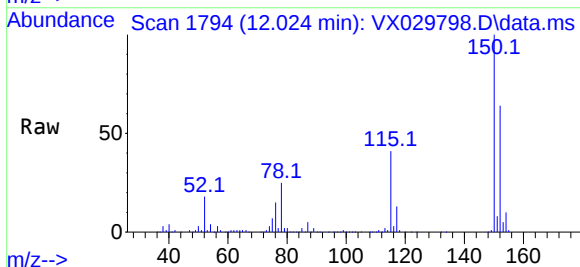
Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW1-7-20220614

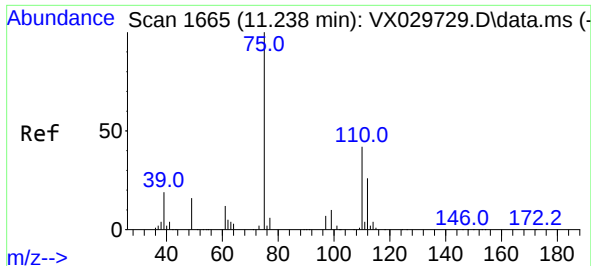
Tgt Ion:117 Resp: 379299  
Ion Ratio Lower Upper  
117 100  
82 56.0 41.8 62.8  
119 31.9 24.8 37.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40

Tgt Ion:152 Resp: 167245  
Ion Ratio Lower Upper  
152 100  
115 61.7 37.5 112.7  
150 156.1 0.0 338.2

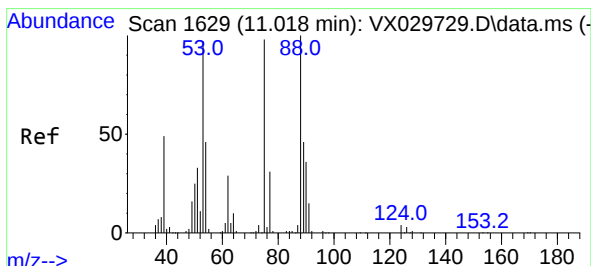
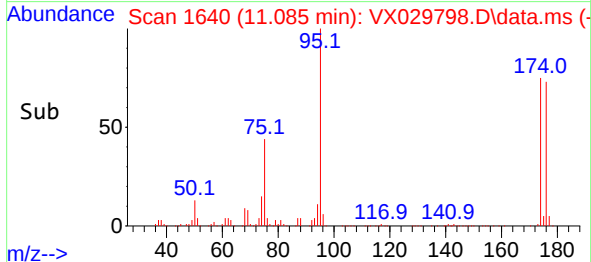
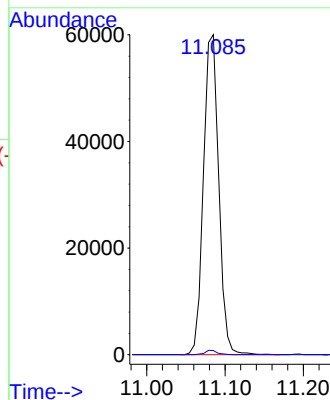
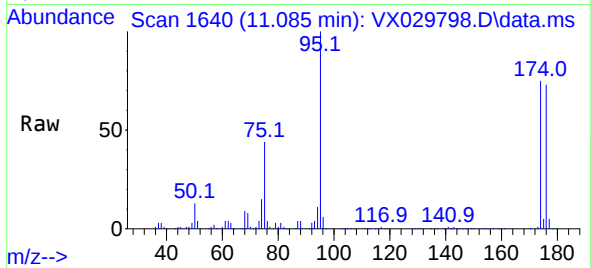




#76  
1,2,3-Trichloropropane  
Concen: 22.264 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. -0.159 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
BPOW1-7-20220614

Tgt Ion: 75 Resp: 81117  
Ion Ratio Lower Upper  
75 100  
77 1.1 19.4 58.2#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 74.067 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.067 min  
Lab File: VX029798.D  
Acq: 25 Jun 2022 04:40

Tgt Ion: 75 Resp: 81117  
Ion Ratio Lower Upper  
75 100  
53 0.0 69.0 103.4#  
89 0.0 37.0 55.6#

