

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060322\  
 Data File : VX029192.D  
 Acq On : 03 Jun 2022 16:02  
 Operator : JC/MD  
 Sample : N3164-09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 31S-20220531

Quant Time: Jun 06 02:35:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053122W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 01 04:45:42 2022  
 Response via : Initial Calibration

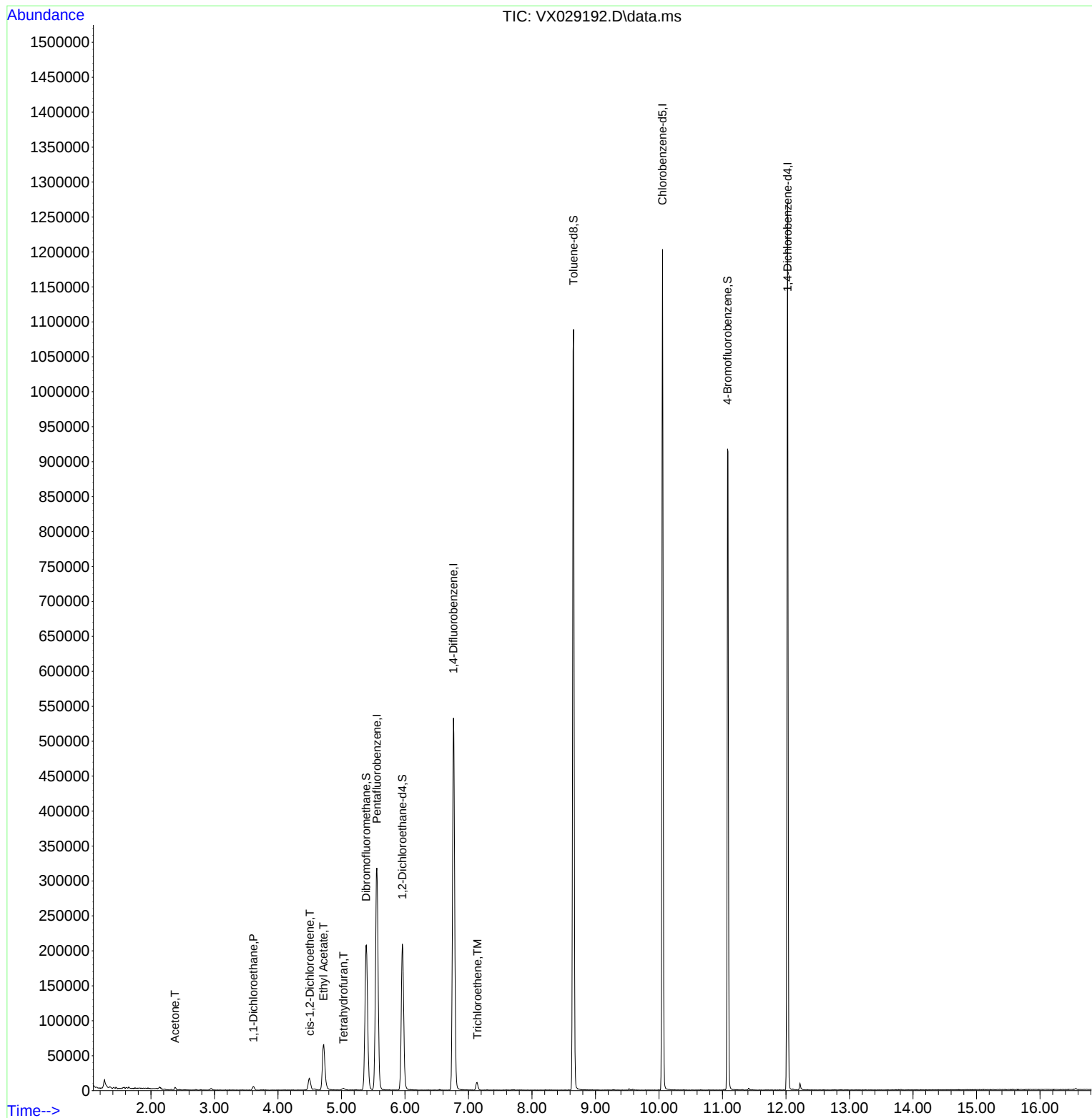
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 303028   | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 571339   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 551988   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 255464   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 200805   | 58.765   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 117.540% |          |
| 35) Dibromofluoromethane    | 5.385  | 113   | 189484   | 49.930   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 99.860%  |          |
| 50) Toluene-d8              | 8.653  | 98    | 675229   | 48.648   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 97.300%  |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 268287   | 50.004   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 100.000% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 2.380  | 43    | 3989     | 2.965    | ug/l       | # 84     |
| 24) 1,1-Dichloroethane      | 3.611  | 63    | 5775     | 1.138    | ug/l       | # 95     |
| 27) cis-1,2-Dichloroethene  | 4.501  | 96    | 11655    | 3.172    | ug/l       | 87       |
| 29) Tetrahydrofuran         | 5.032  | 42    | 2340     | 1.681    | ug/l       | # 71     |
| 37) Ethyl Acetate           | 4.715  | 43    | 111781   | 23.621   | ug/l       | 99       |
| 44) Trichloroethene         | 7.141  | 130   | 4692     | 0.398    | ug/l       | 93       |
| -----                       |        |       |          |          |            |          |

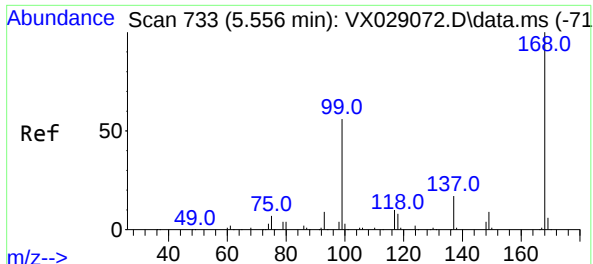
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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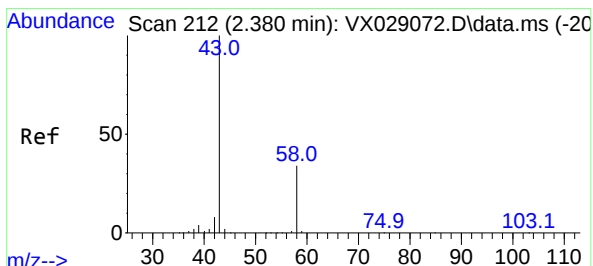
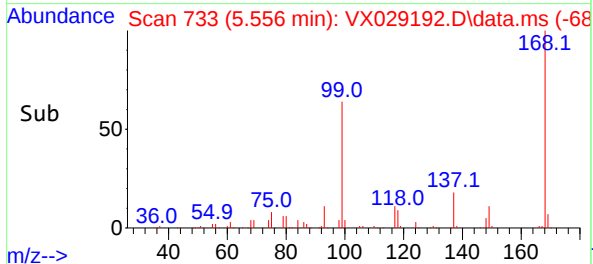
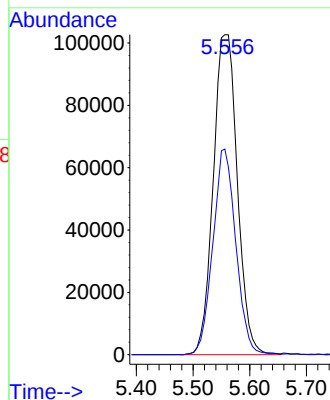
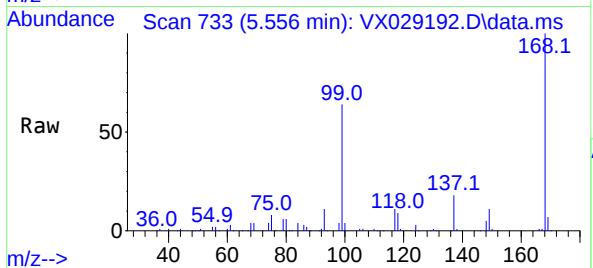




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX029192.D  
Acq: 03 Jun 2022 16:02

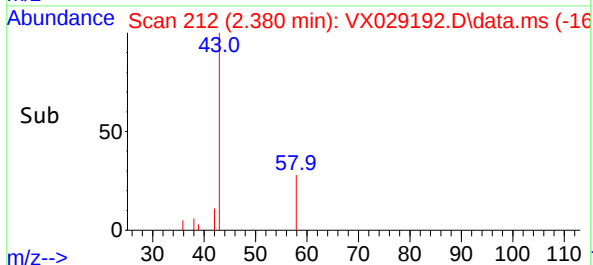
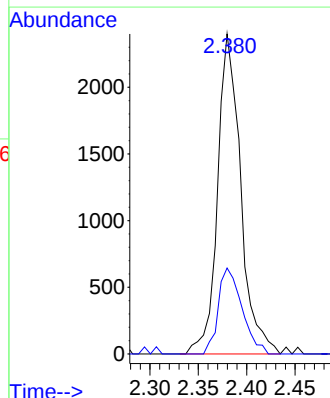
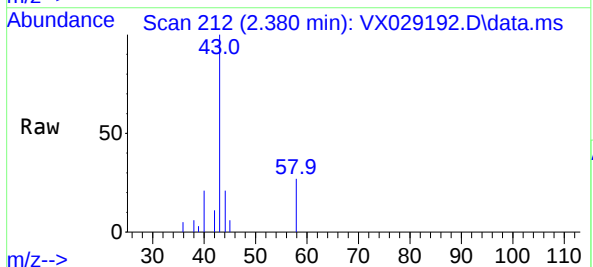
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MSVOA\_X  
ClientSampleId :  
31S-20220531

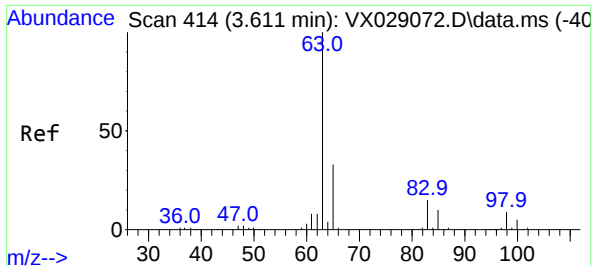
Tgt Ion:168 Resp: 303028  
Ion Ratio Lower Upper  
168 100  
99 64.3 41.7 62.5#



#16  
Acetone  
Concen: 2.965 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX029192.D  
Acq: 03 Jun 2022 16:02

Tgt Ion: 43 Resp: 3989  
Ion Ratio Lower Upper  
43 100  
58 26.9 28.8 43.2#

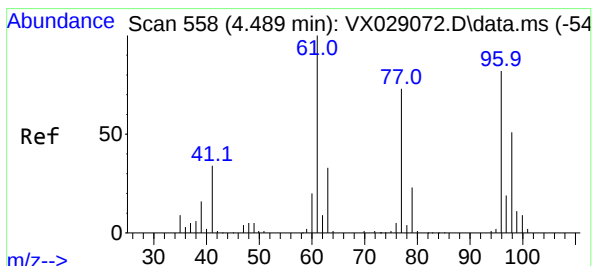
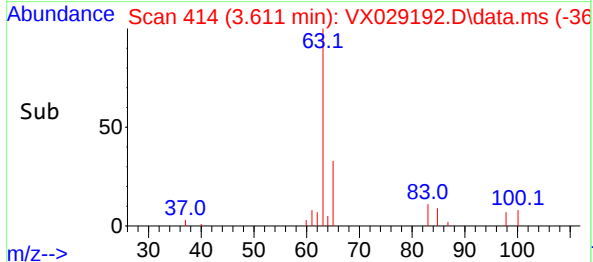
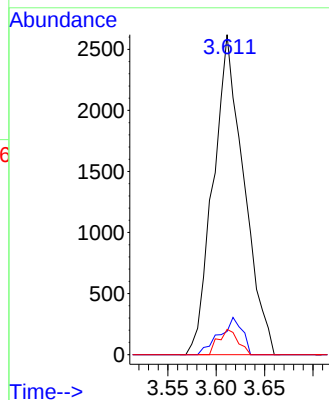
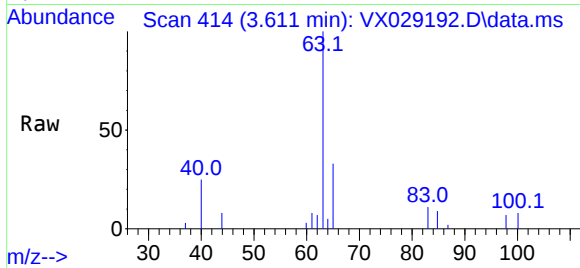




#24  
1,1-Dichloroethane  
Concen: 1.138 ug/l  
RT: 3.611 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VX029192.D  
Acq: 03 Jun 2022 16:02

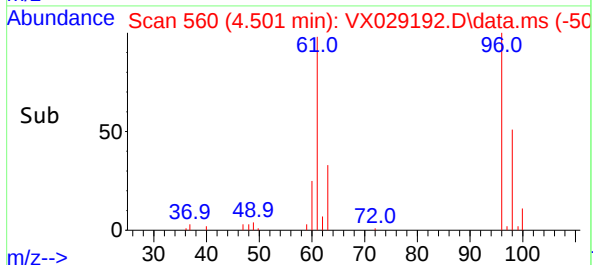
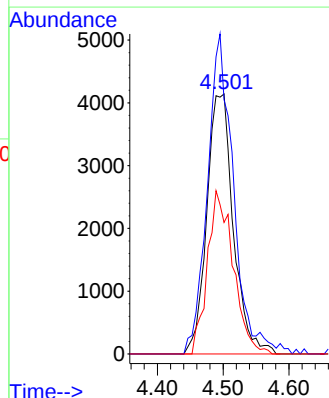
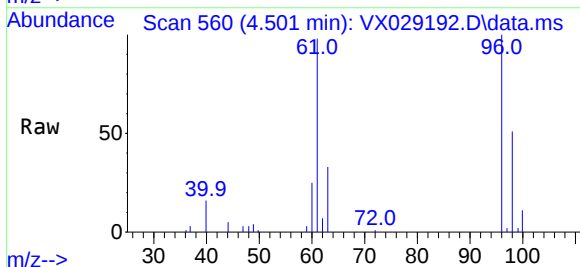
Instrument :  
MSVOA\_X  
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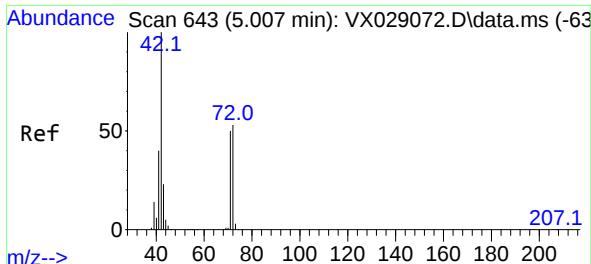
Tgt Ion: 63 Resp: 5775  
Ion Ratio Lower Upper  
63 100  
98 7.2 3.9 11.7  
100 7.9 2.4 7.2#



#27  
cis-1,2-Dichloroethene  
Concen: 3.172 ug/l  
RT: 4.501 min Scan# 560  
Delta R.T. 0.012 min  
Lab File: VX029192.D  
Acq: 03 Jun 2022 16:02

Tgt Ion: 96 Resp: 11655  
Ion Ratio Lower Upper  
96 100  
61 120.7 0.0 283.8  
98 61.0 0.0 129.8





#29

Tetrahydrofuran

Concen: 1.681 ug/l

RT: 5.032 min Scan# 643

Delta R.T. 0.025 min

Lab File: VX029192.D

Acq: 03 Jun 2022 16:02

Instrument :

MSVOA\_X

ClientSampleId :

31S-20220531

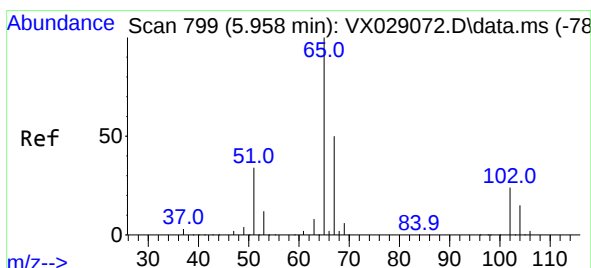
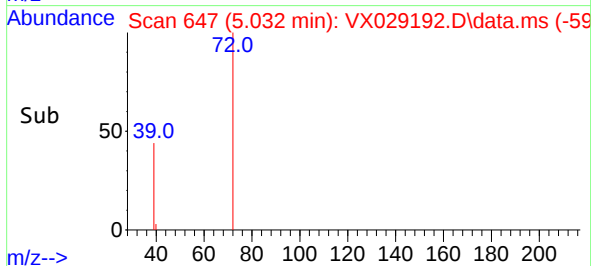
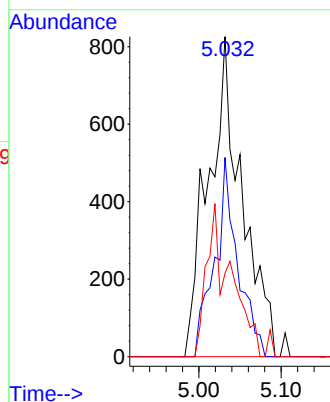
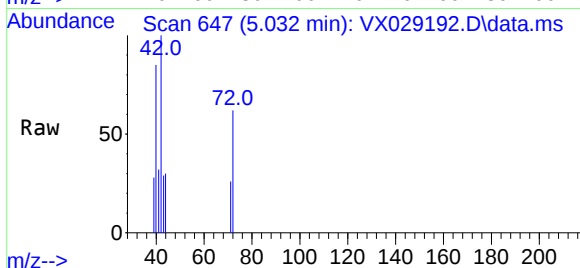
Tgt Ion: 42 Resp: 2340

Ion Ratio Lower Upper

42 100

72 42.6 44.1 66.1#

71 21.0 40.5 60.7#



#33

1,2-Dichloroethane-d4

Concen: 58.765 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029192.D

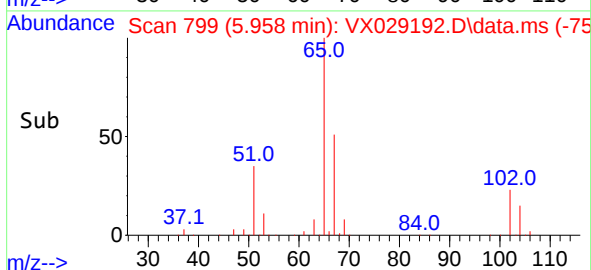
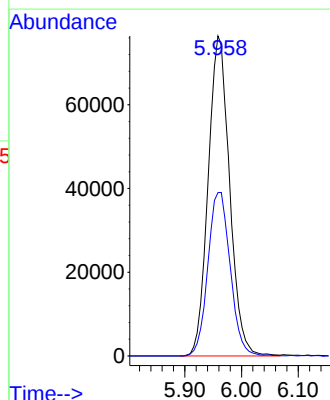
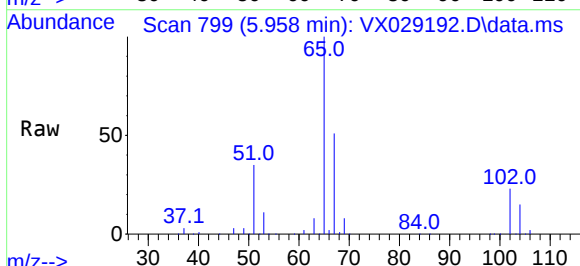
Acq: 03 Jun 2022 16:02

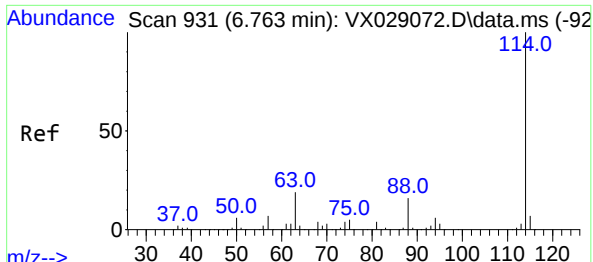
Tgt Ion: 65 Resp: 200805

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.4

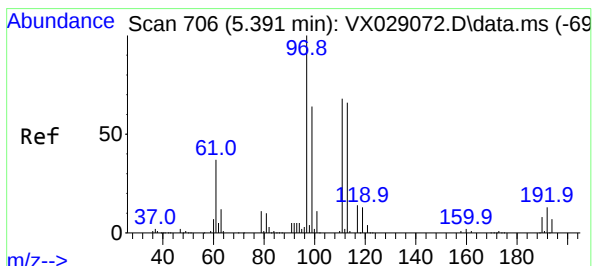
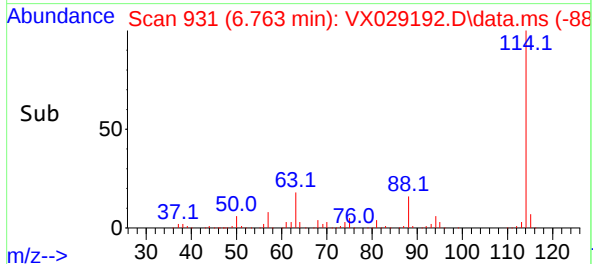
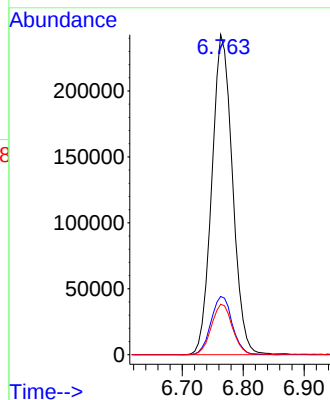
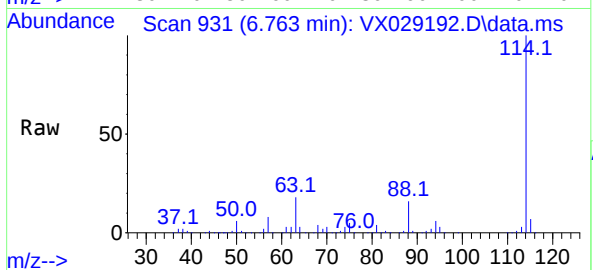




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX029192.D  
Acq: 03 Jun 2022 16:02

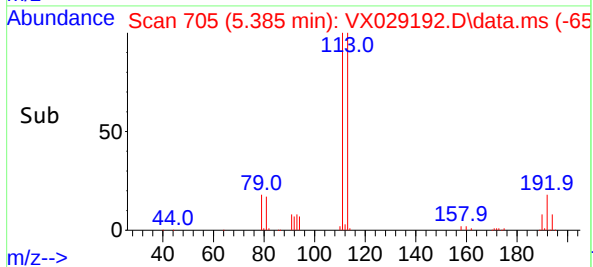
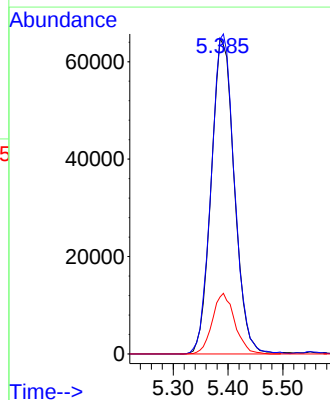
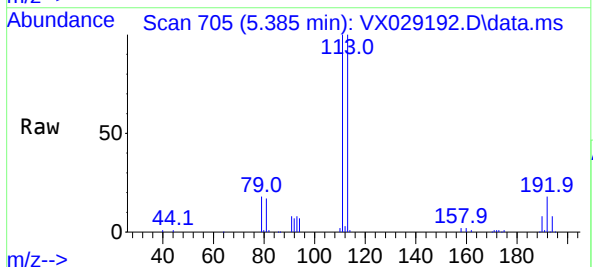
Instrument :  
MSVOA\_X  
ClientSampleId :  
31S-20220531

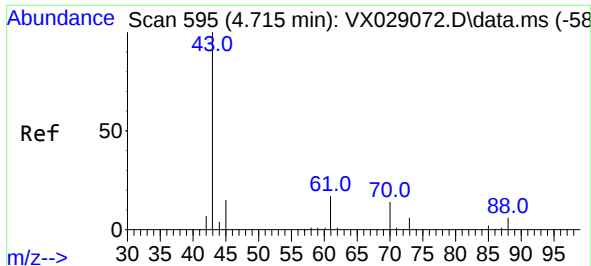
Tgt Ion:114 Resp: 571339  
Ion Ratio Lower Upper  
114 100  
63 18.2 0.0 36.8  
88 15.7 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 49.930 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX029192.D  
Acq: 03 Jun 2022 16:02

Tgt Ion:113 Resp: 189484  
Ion Ratio Lower Upper  
113 100  
111 101.8 82.8 124.2  
192 18.6 16.9 25.3





#37

Ethyl Acetate

Concen: 23.621 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX029192.D

Acq: 03 Jun 2022 16:02

Instrument :

MSVOA\_X

ClientSampleId :

31S-20220531

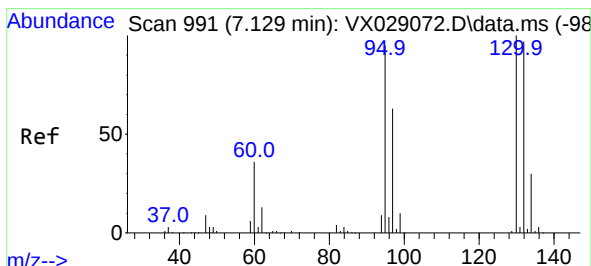
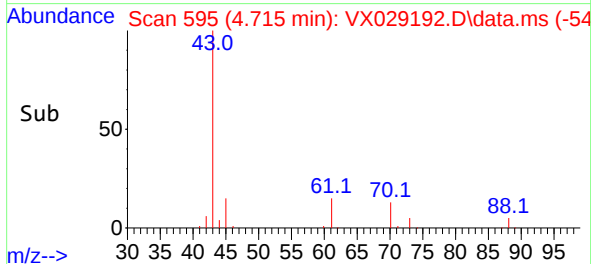
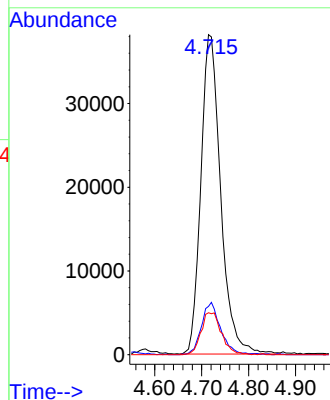
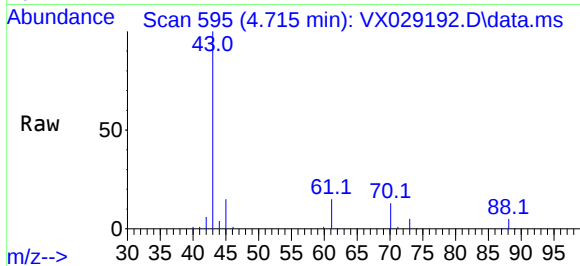
Tgt Ion: 43 Resp: 111781

Ion Ratio Lower Upper

43 100

61 15.8 12.6 19.0

70 13.5 10.2 15.2



#44

Trichloroethene

Concen: 0.398 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.012 min

Lab File: VX029192.D

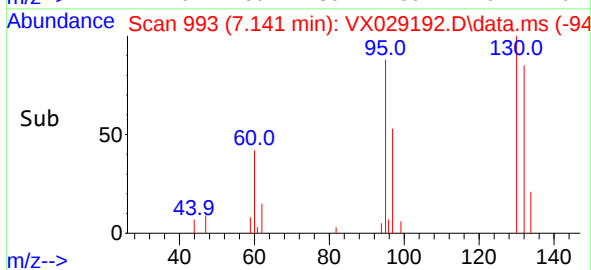
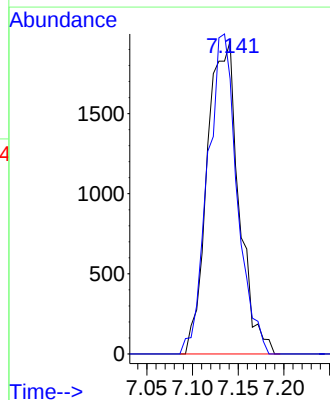
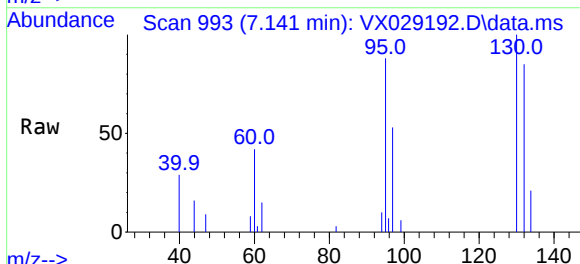
Acq: 03 Jun 2022 16:02

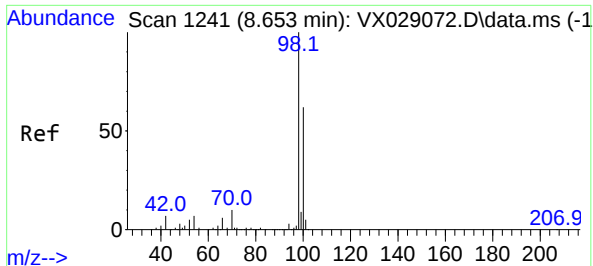
Tgt Ion:130 Resp: 4692

Ion Ratio Lower Upper

130 100

95 88.0 0.0 188.8

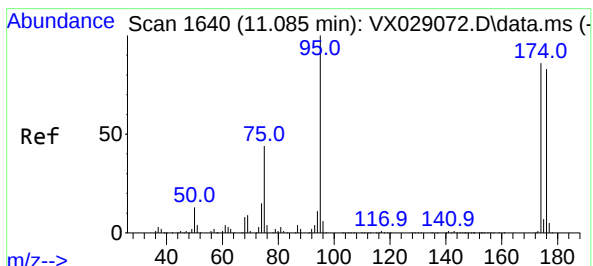
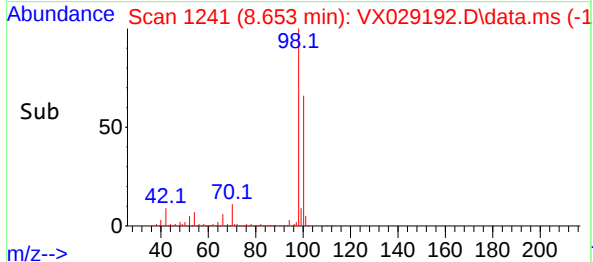
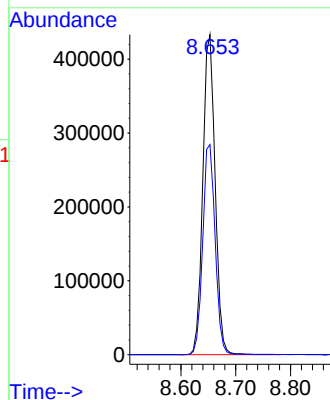
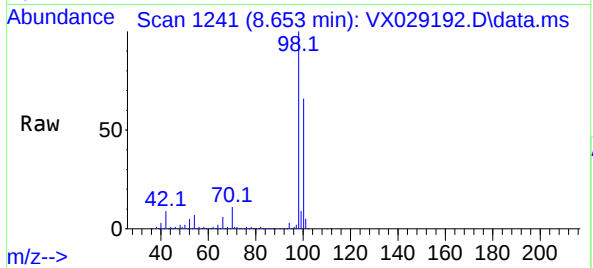




#50  
Toluene-d8  
Concen: 48.648 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX029192.D  
Acq: 03 Jun 2022 16:02

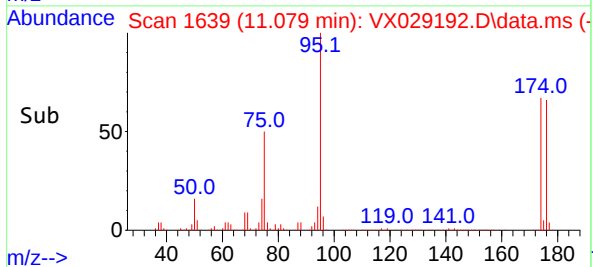
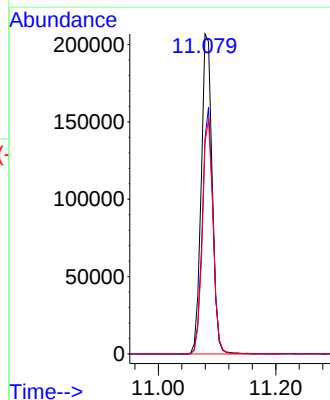
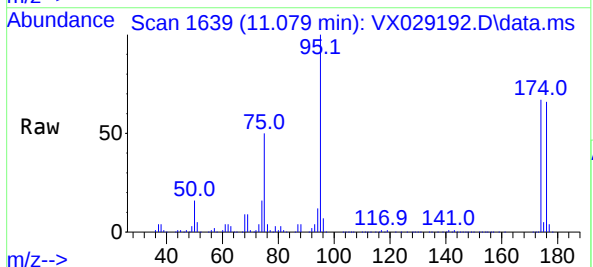
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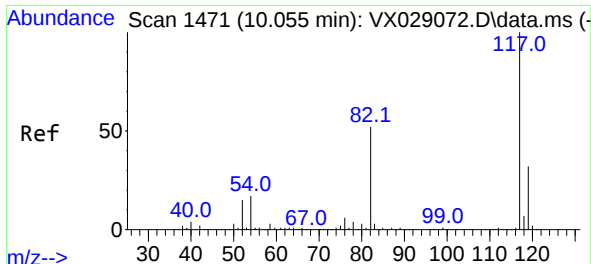
Tgt Ion: 98 Resp: 675229  
Ion Ratio Lower Upper  
98 100  
100 66.2 52.6 78.8



#62  
4-Bromofluorobenzene  
Concen: 50.004 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX029192.D  
Acq: 03 Jun 2022 16:02

Tgt Ion: 95 Resp: 268287  
Ion Ratio Lower Upper  
95 100  
174 74.5 0.0 163.0  
176 71.5 0.0 155.0

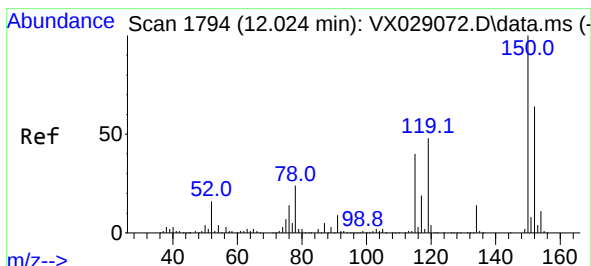
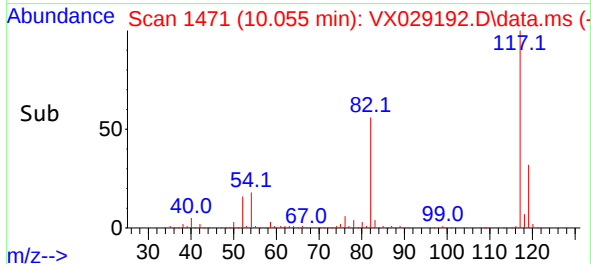
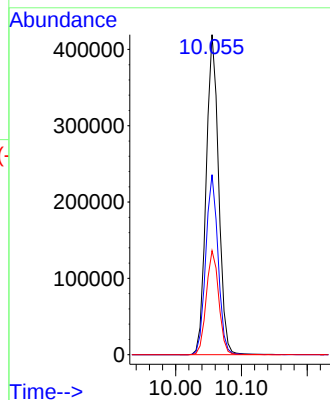
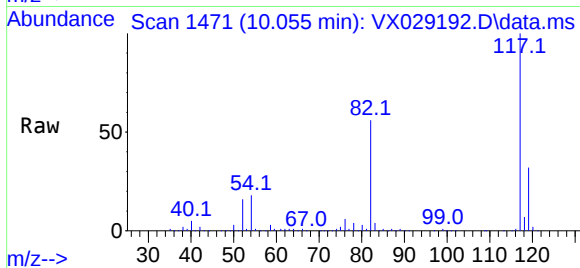




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX029192.D  
Acq: 03 Jun 2022 16:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
31S-20220531

Tgt Ion:117 Resp: 551988  
Ion Ratio Lower Upper  
117 100  
82 56.2 41.8 62.8  
119 32.5 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: VX029192.D  
Acq: 03 Jun 2022 16:02

Tgt Ion:152 Resp: 255464  
Ion Ratio Lower Upper  
152 100  
115 63.8 37.5 112.7  
150 159.4 0.0 338.2

