

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX050322\  
 Data File : VX028514.D  
 Acq On : 03 May 2022 20:09  
 Operator : JC/MD  
 Sample : N2598-01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OS-DRUM-COMP

Quant Time: May 04 06:09:04 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 19 13:38:04 2022  
 Response via : Initial Calibration

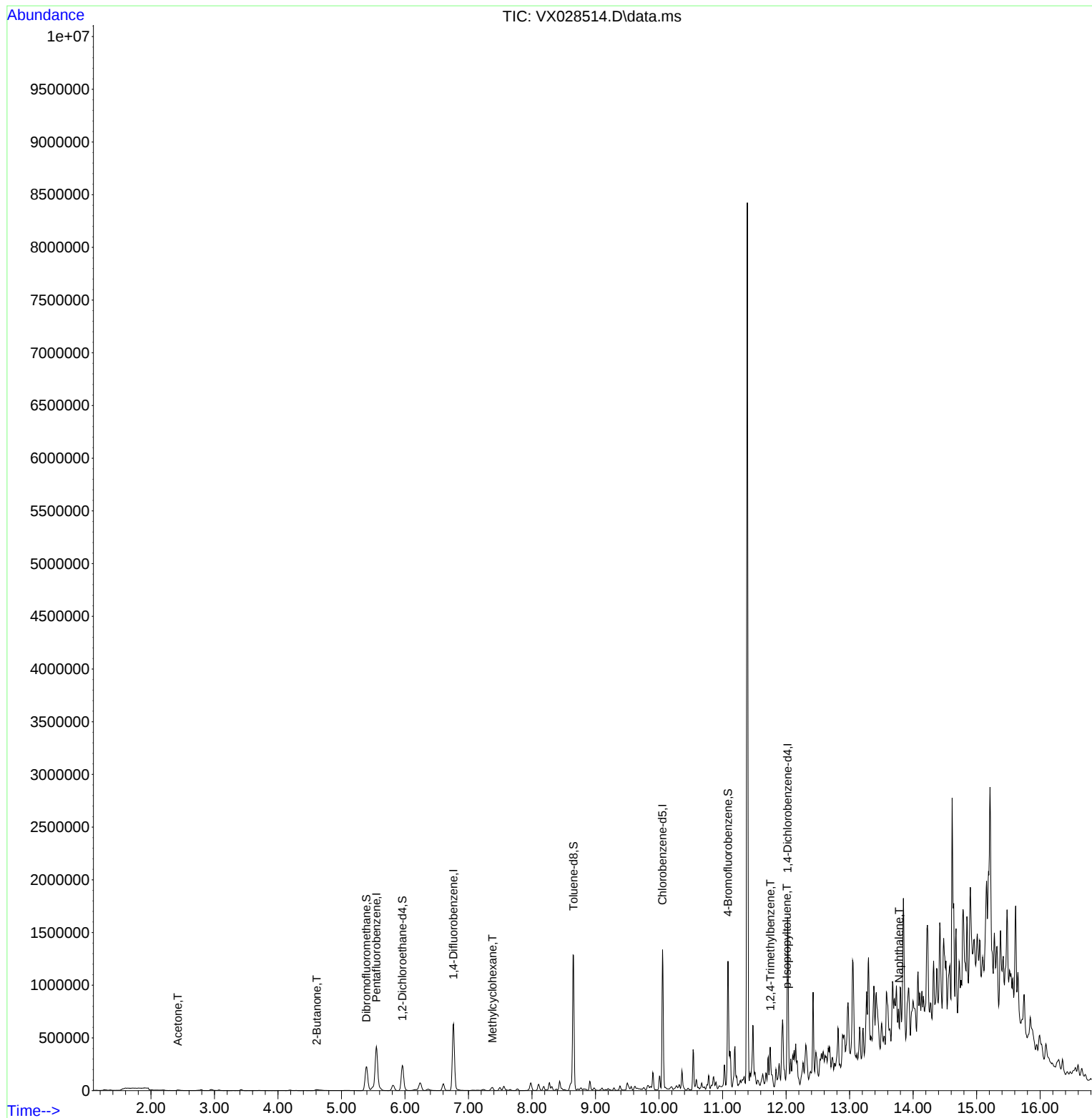
| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 5.550          | 168  | 415544     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 693092     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 643584     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 326604     | 50.000  | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 235287     | 43.425  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 61 - 141 |      | Recovery = | 86.860% |        |          |
| 35) Dibromofluoromethane    | 5.391          | 113  | 204215     | 42.014  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 69 - 133 |      | Recovery = | 84.020% |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 817142     | 43.771  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 65 - 126 |      | Recovery = | 87.540% |        |          |
| 62) 4-Bromofluorobenzene    | 11.085         | 95   | 289259     | 40.523  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 58 - 135 |      | Recovery = | 81.040% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         | Qvalue |          |
| 16) Acetone                 | 2.422          | 43   | 11585      | 5.636   | ug/l # | 82       |
| 25) 2-Butanone              | 4.611          | 43   | 28901      | 9.007   | ug/l   | 96       |
| 39) Methylcyclohexane       | 7.379          | 83   | 13587      | 1.698   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene  | 11.756         | 105  | 38308      | 2.022   | ug/l   | 98       |
| 86) p-Isopropyltoluene      | 12.012         | 119  | 59063      | 2.916   | ug/l   | 97       |
| 95) Naphthalene             | 13.780         | 128  | 47678      | 2.205   | ug/l # | 86       |
| -----                       |                |      |            |         |        |          |

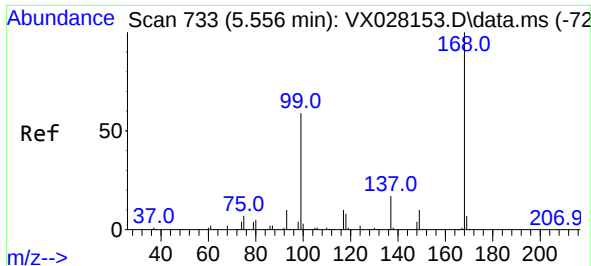
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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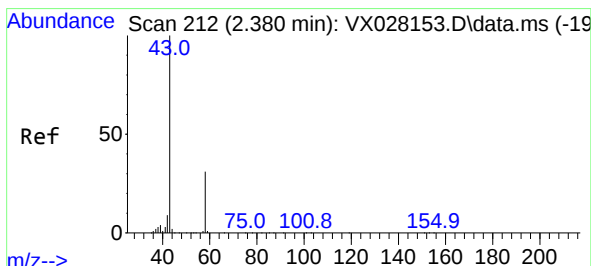
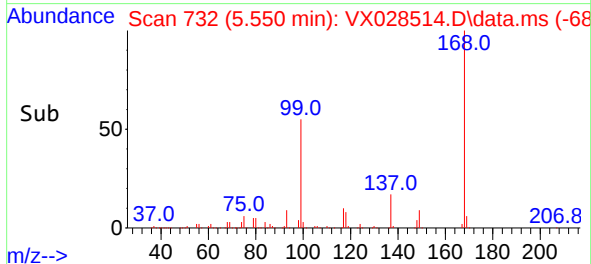
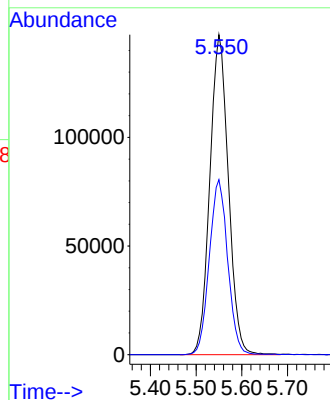
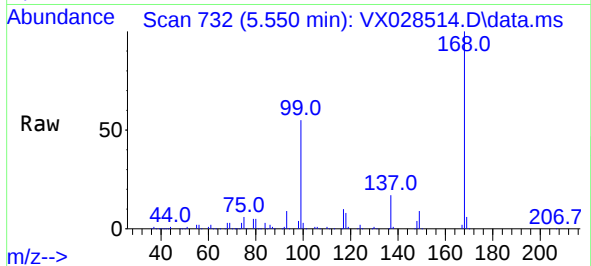




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX028514.D  
Acq: 03 May 2022 20:09

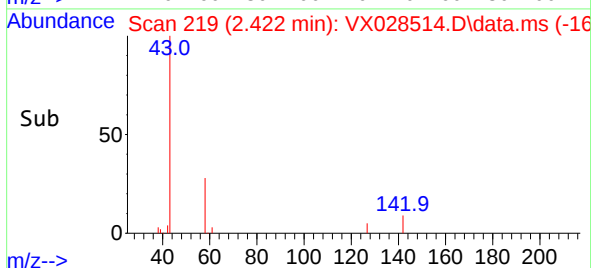
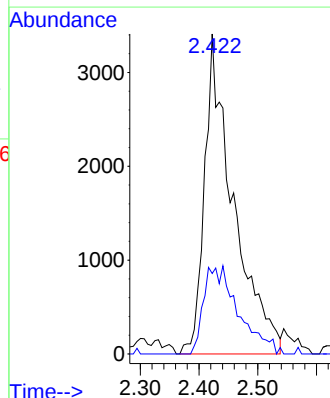
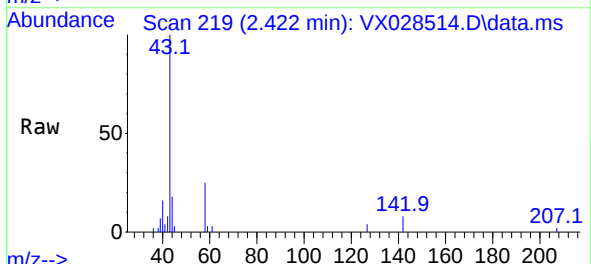
Instrument :  
MSVOA\_X  
ClientSampleId :  
OS-DRUM-COMP

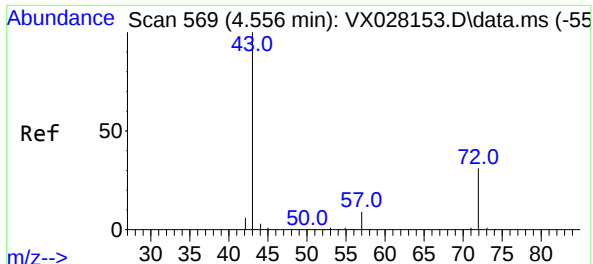
Tgt Ion:168 Resp: 415544  
Ion Ratio Lower Upper  
168 100  
99 54.7 41.7 62.5



#16  
Acetone  
Concen: 5.636 ug/l  
RT: 2.422 min Scan# 219  
Delta R.T. 0.042 min  
Lab File: VX028514.D  
Acq: 03 May 2022 20:09

Tgt Ion: 43 Resp: 11585  
Ion Ratio Lower Upper  
43 100  
58 25.2 28.8 43.2#





#25

2-Butanone

Concen: 9.007 ug/l

RT: 4.611 min Scan# 51

Delta R.T. 0.055 min

Lab File: VX028514.D

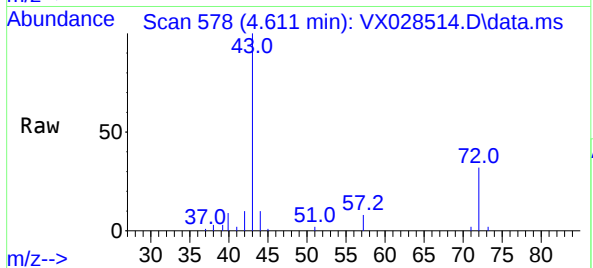
Acq: 03 May 2022 20:09

Instrument :

MSVOA\_X

ClientSampleId :

OS-DRUM-COMP

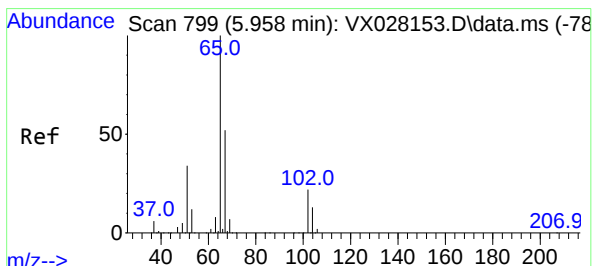
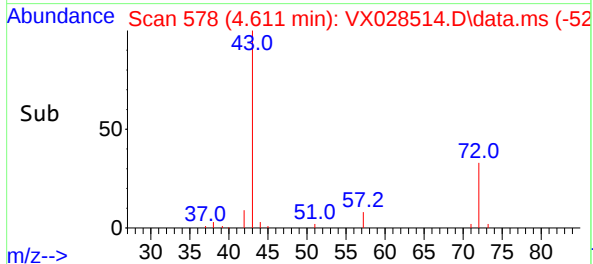
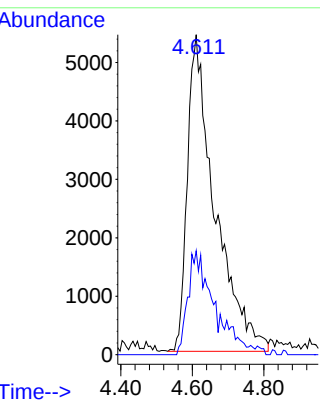


Tgt Ion: 43 Resp: 28901

Ion Ratio Lower Upper

43 100

72 32.8 24.4 36.6



#33

1,2-Dichloroethane-d4

Concen: 43.425 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028514.D

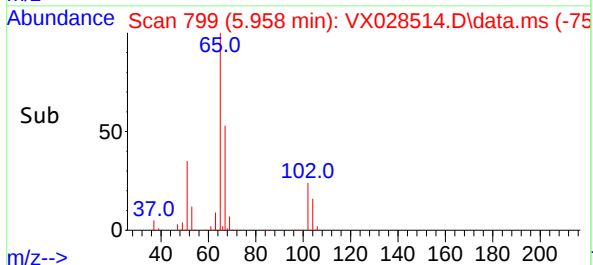
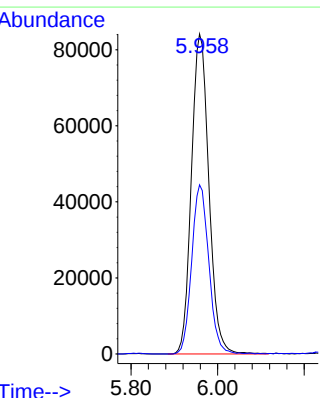
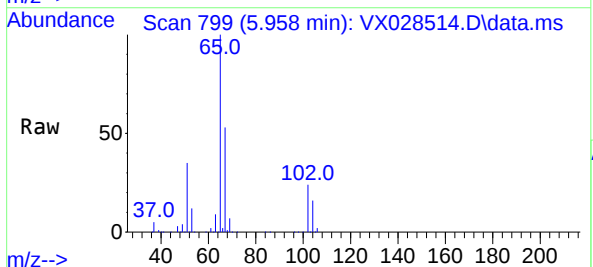
Acq: 03 May 2022 20:09

Tgt Ion: 65 Resp: 235287

Ion Ratio Lower Upper

65 100

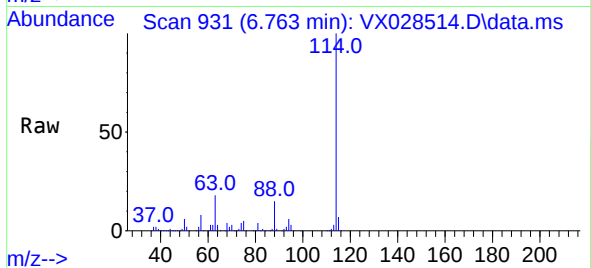
67 51.9 0.0 107.4



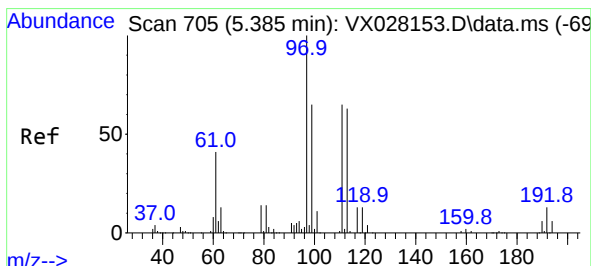
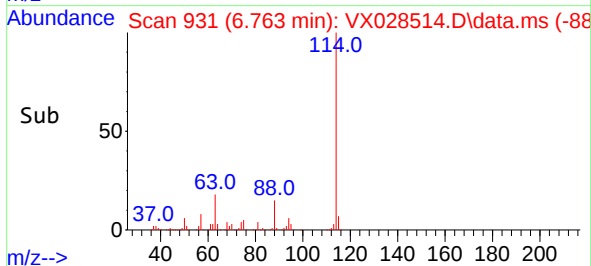
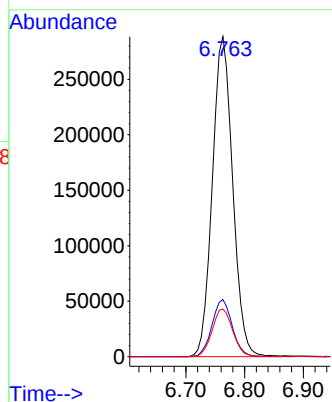


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX028514.D  
Acq: 03 May 2022 20:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
OS-DRUM-COMP

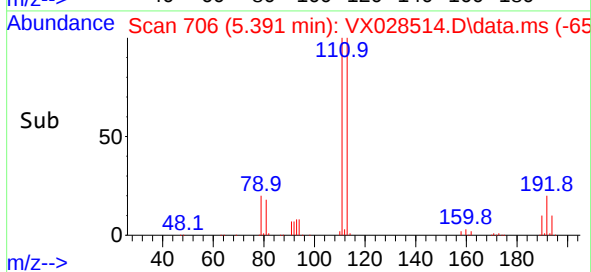
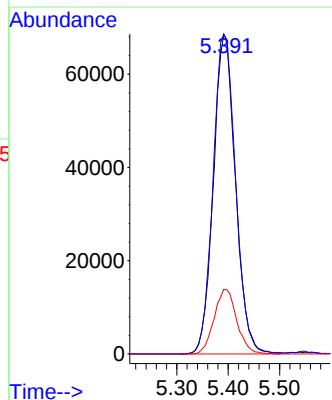
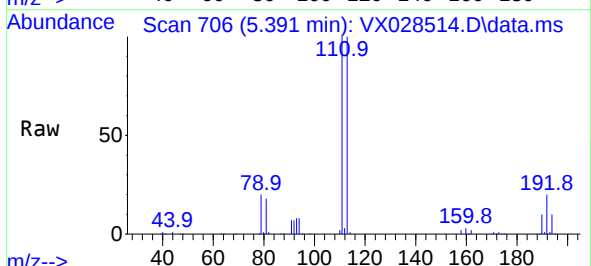


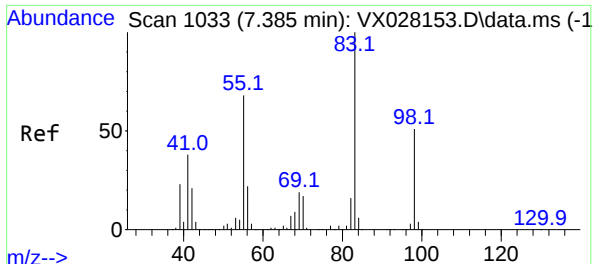
Tgt Ion:114 Resp: 693092  
Ion Ratio Lower Upper  
114 100  
63 17.9 0.0 36.8  
88 14.9 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 42.014 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX028514.D  
Acq: 03 May 2022 20:09

Tgt Ion:113 Resp: 204215  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.8 124.2  
192 20.7 16.9 25.3





#39

Methylcyclohexane

Concen: 1.698 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX028514.D

Acq: 03 May 2022 20:09

Instrument :

MSVOA\_X

ClientSampleId :

OS-DRUM-COMP

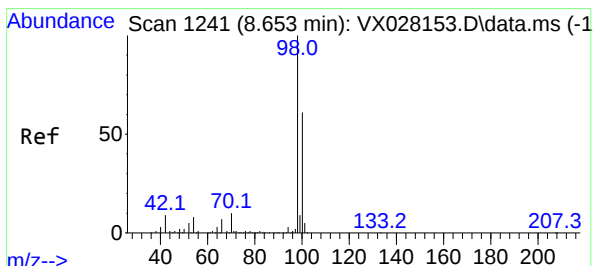
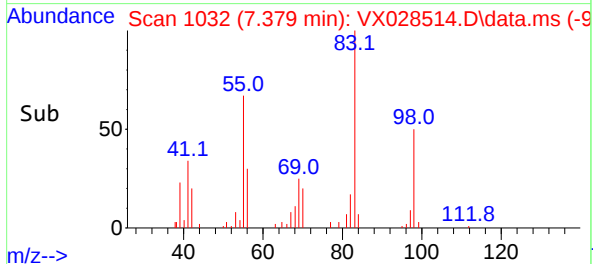
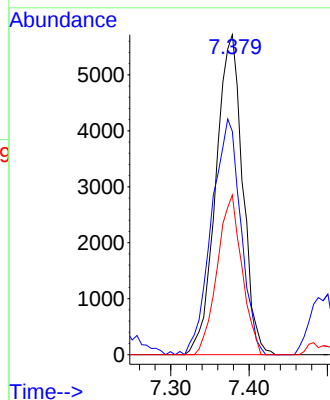
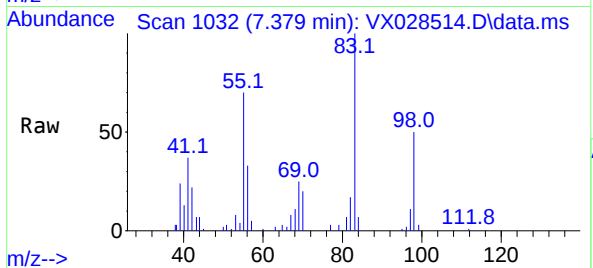
Tgt Ion: 83 Resp: 13587

Ion Ratio Lower Upper

83 100

55 69.8 54.6 81.8

98 49.9 37.4 56.2



#50

Toluene-d8

Concen: 43.771 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028514.D

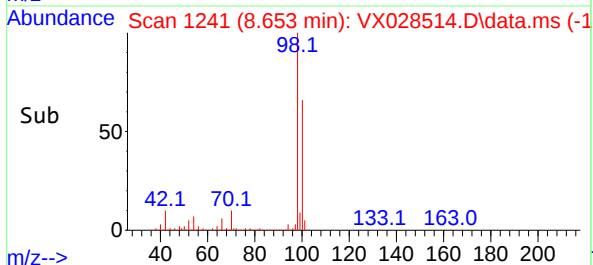
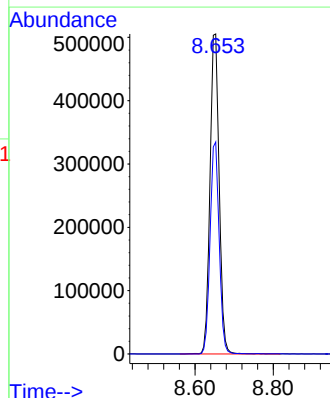
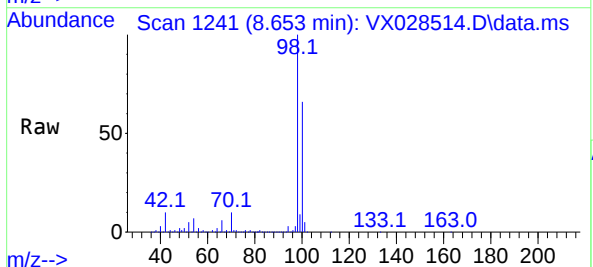
Acq: 03 May 2022 20:09

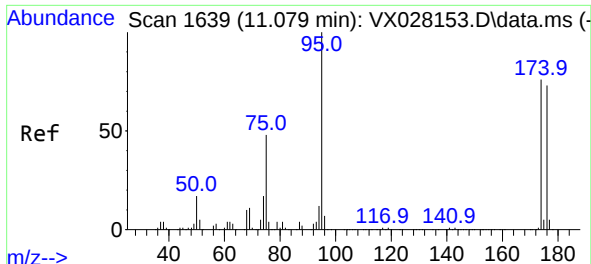
Tgt Ion: 98 Resp: 817142

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 40.523 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX028514.D

Acq: 03 May 2022 20:09

Instrument :

MSVOA\_X

ClientSampleId :

OS-DRUM-COMP

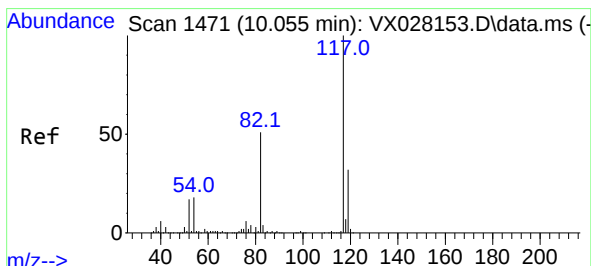
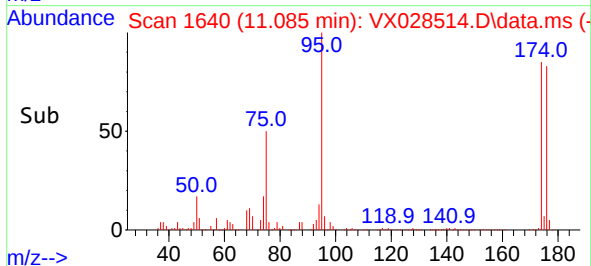
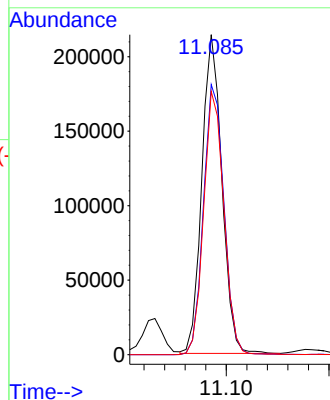
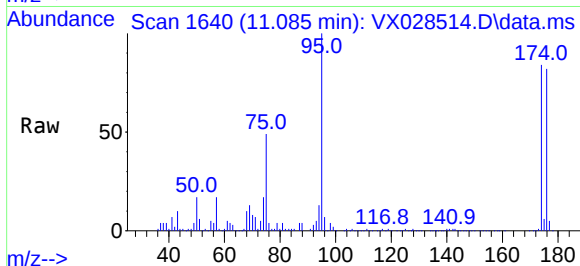
Tgt Ion: 95 Resp: 289259

Ion Ratio Lower Upper

95 100

174 86.7 0.0 163.0

176 83.7 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: VX028514.D

Acq: 03 May 2022 20:09

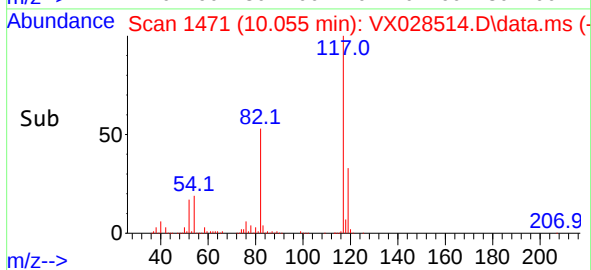
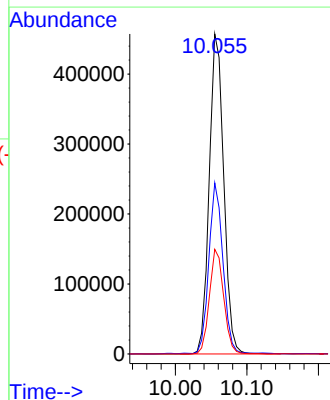
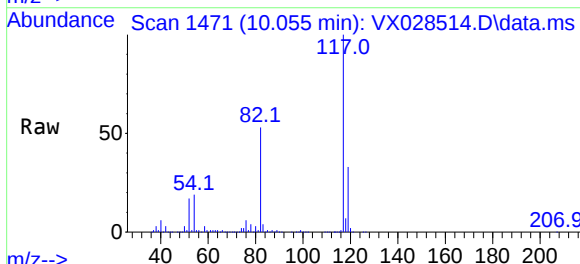
Tgt Ion: 117 Resp: 643584

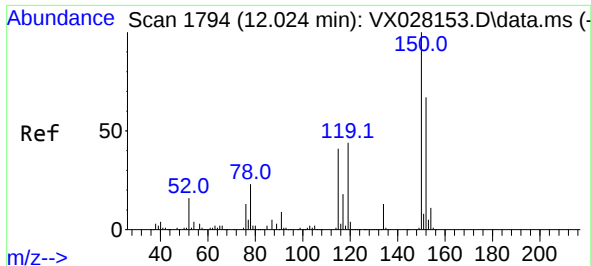
Ion Ratio Lower Upper

117 100

82 53.3 41.8 62.8

119 32.7 24.8 37.2

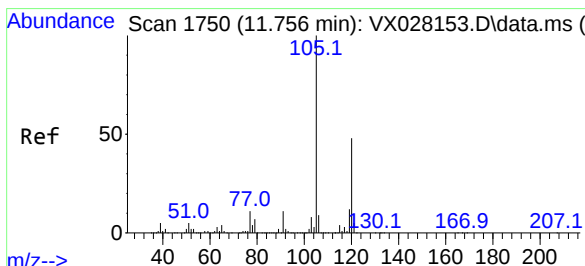
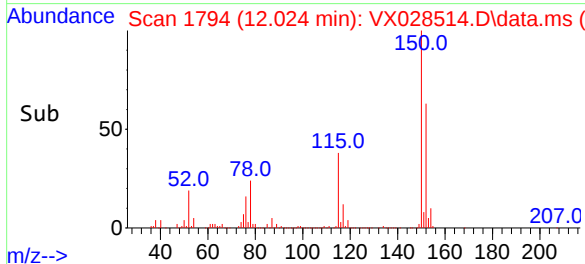
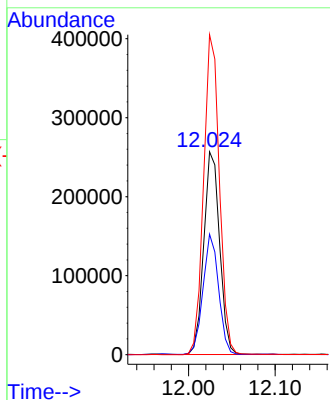
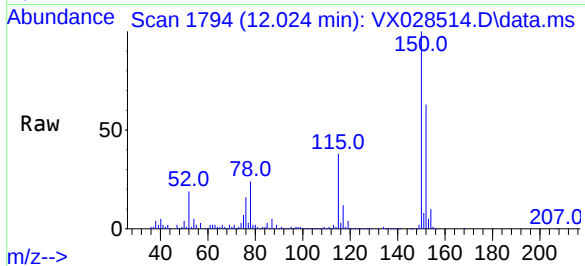




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX028514.D  
 Acq: 03 May 2022 20:09

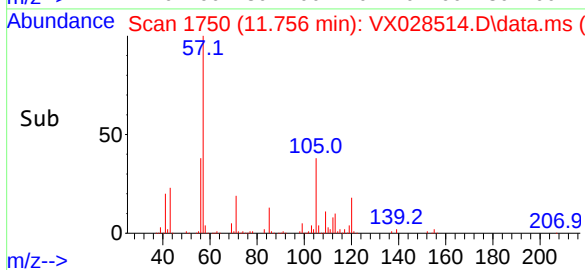
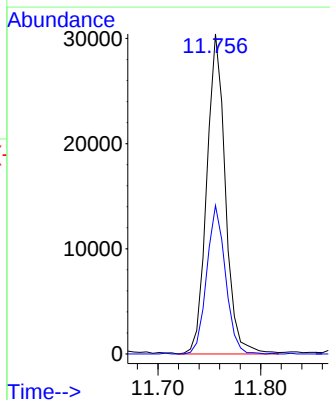
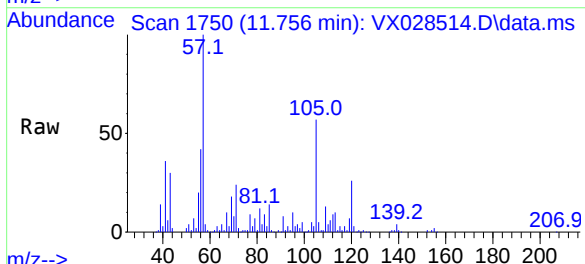
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OS-DRUM-COMP

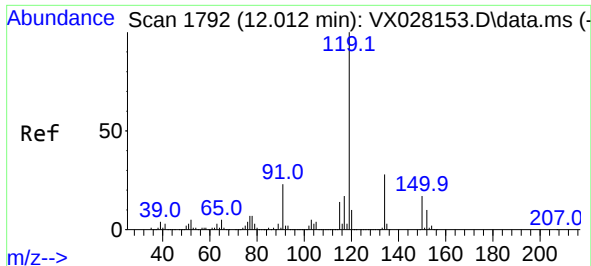
Tgt Ion:152 Resp: 326604  
 Ion Ratio Lower Upper  
 152 100  
 115 58.1 37.5 112.7  
 150 156.8 0.0 338.2



#84  
 1,2,4-Trimethylbenzene  
 Concen: 2.022 ug/l  
 RT: 11.756 min Scan# 1750  
 Delta R.T. -0.000 min  
 Lab File: VX028514.D  
 Acq: 03 May 2022 20:09

Tgt Ion:105 Resp: 38308  
 Ion Ratio Lower Upper  
 105 100  
 120 46.6 22.6 67.8

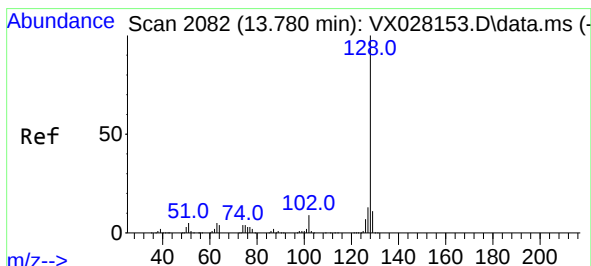
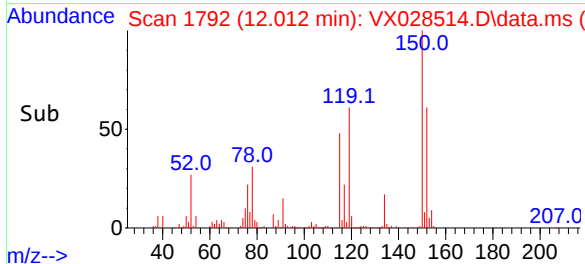
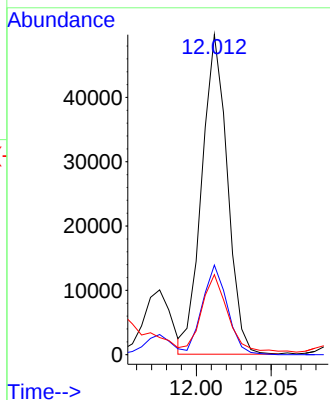
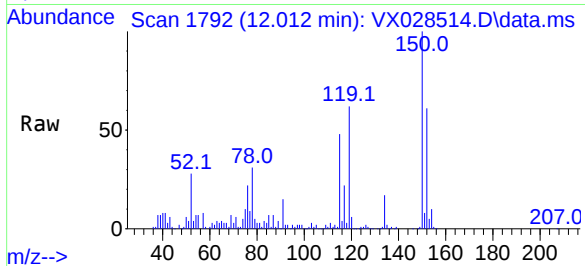




#86  
p-Isopropyltoluene  
Concen: 2.916 ug/l  
RT: 12.012 min Scan# 119  
Delta R.T. 0.000 min  
Lab File: VX028514.D  
Acq: 03 May 2022 20:09

Instrument :  
MSVOA\_X  
ClientSampleId :  
OS-DRUM-COMP

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 119   | Resp: | 59063 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 134       | 27.1  | 13.0  | 39.0  |
| 91        | 24.7  | 11.3  | 33.9  |



#95  
Naphthalene  
Concen: 2.205 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. 0.000 min  
Lab File: VX028514.D  
Acq: 03 May 2022 20:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 47678 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 19.8  | 10.2  | 15.4# |
| 129       | 14.3  | 8.7   | 13.1# |

