

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081023\  
 Data File : VX036924.D  
 Acq On : 10 Aug 2023 19:42  
 Operator : JC/MD  
 Sample : 03955-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-23

Quant Time: Aug 11 01:51:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

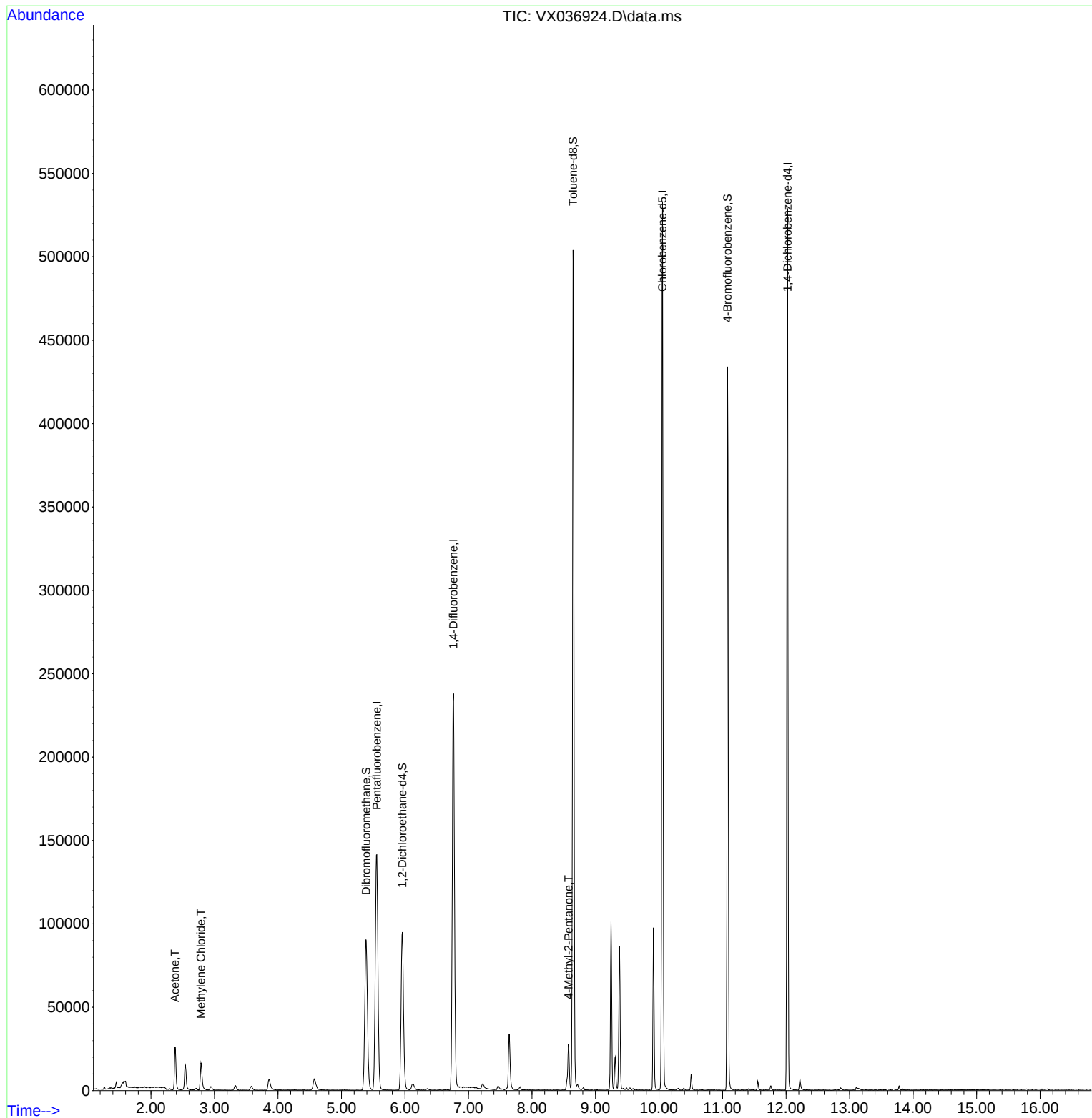
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 133534   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 248367   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 239603   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 108312   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 94197    | 47.675   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 95.340%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 79748    | 46.715   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 93.420%  |
| 50) Toluene-d8              | 8.647  | 98    | 298872   | 49.369   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 98.740%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 118192   | 51.747   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 103.500% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 27930    | 34.065   | ug/l   | 90       |
| 20) Methylene Chloride      | 2.788  | 84    | 8452     | 4.635    | ug/l   | 88       |
| 51) 4-Methyl-2-Pentanone    | 8.574  | 43    | 17093    | 6.231    | ug/l   | 100      |
| -----                       |        |       |          |          |        |          |

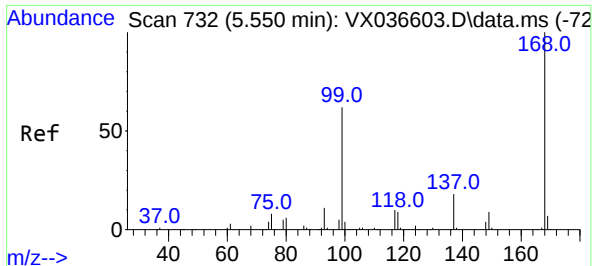
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081023\  
Data File : VX036924.D  
Acq On : 10 Aug 2023 19:42  
Operator : JC/MD  
Sample : 03955-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-23

Quant Time: Aug 11 01:51:22 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 21 12:14:12 2023  
Response via : Initial Calibration

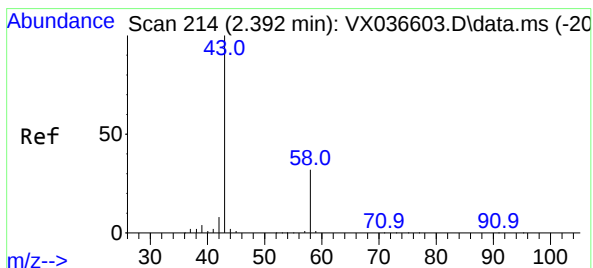
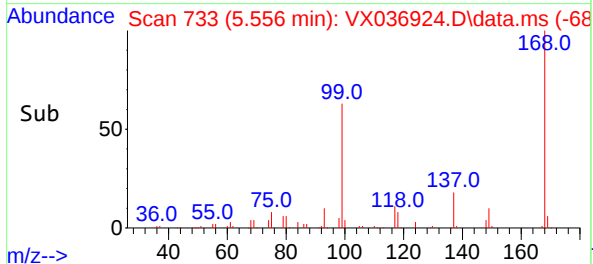
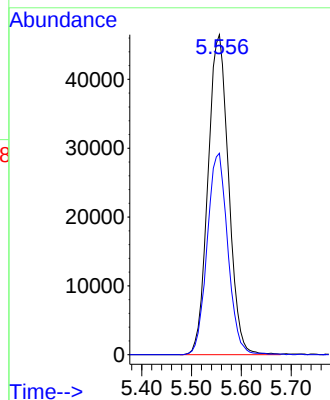
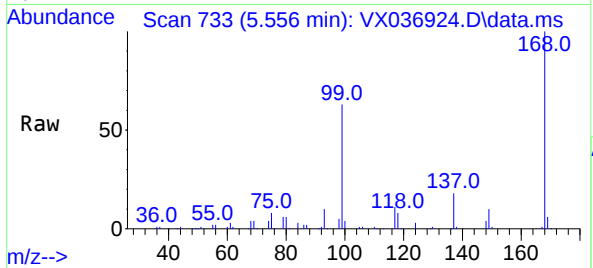




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX036924.D  
Acq: 10 Aug 2023 19:42

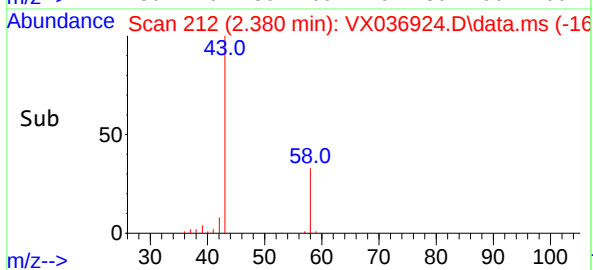
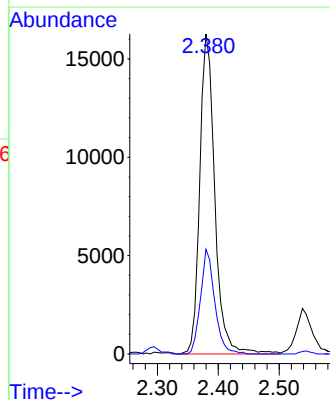
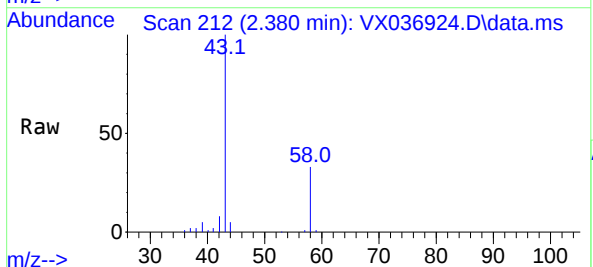
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-23

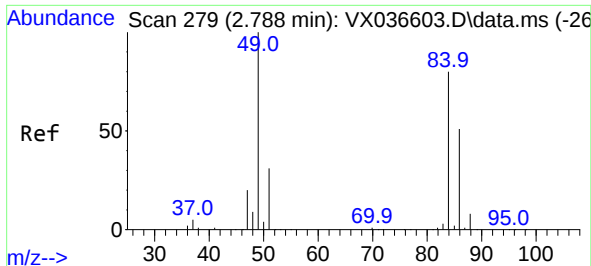
Tgt Ion:168 Resp: 133534  
Ion Ratio Lower Upper  
168 100  
99 63.0 56.6 85.0



#16  
Acetone  
Concen: 34.065 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.012 min  
Lab File: VX036924.D  
Acq: 10 Aug 2023 19:42

Tgt Ion: 43 Resp: 27930  
Ion Ratio Lower Upper  
43 100  
58 32.7 21.9 32.9



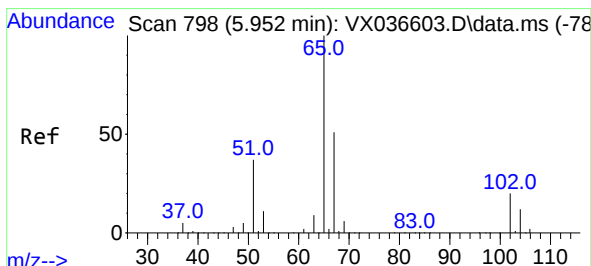
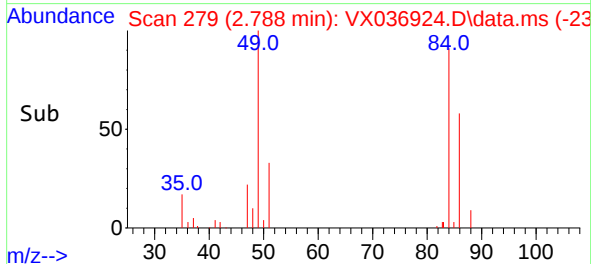
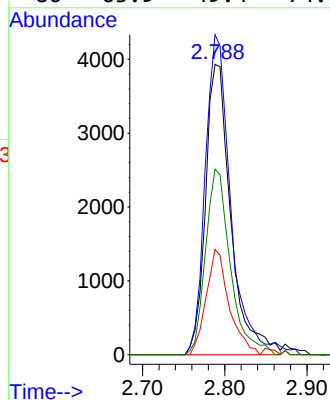
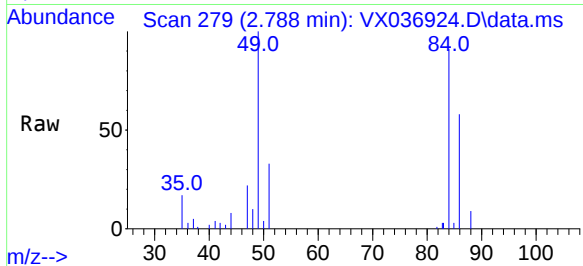


#20  
Methylene Chloride  
Concen: 4.635 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX036924.D  
Acq: 10 Aug 2023 19:42

Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-23

Tgt Ion: 84 Resp: 8452

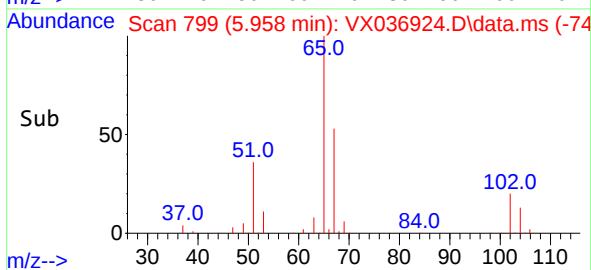
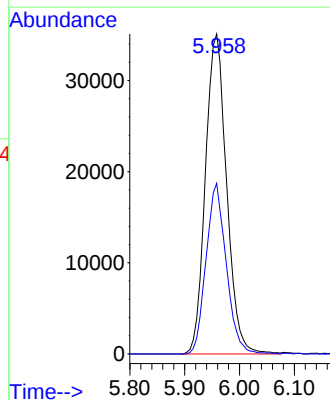
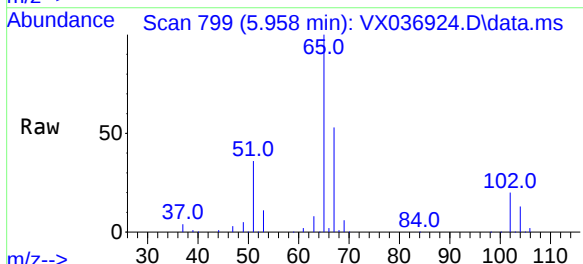
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 110.2 | 103.6 | 155.4 |
| 51  | 36.3  | 33.8  | 50.6  |
| 86  | 63.9  | 49.4  | 74.0  |

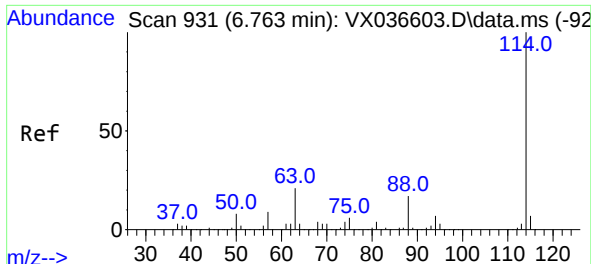


#33  
1,2-Dichloroethane-d4  
Concen: 47.675 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX036924.D  
Acq: 10 Aug 2023 19:42

Tgt Ion: 65 Resp: 94197

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 50.8  | 0.0   | 100.2 |

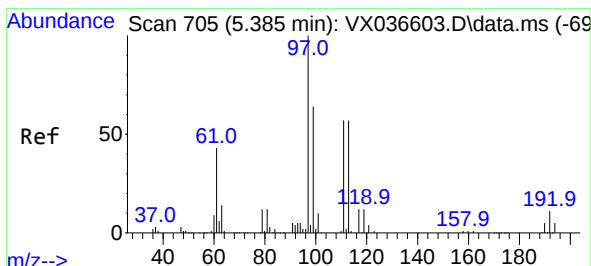
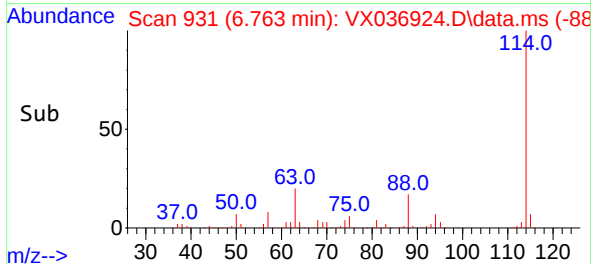
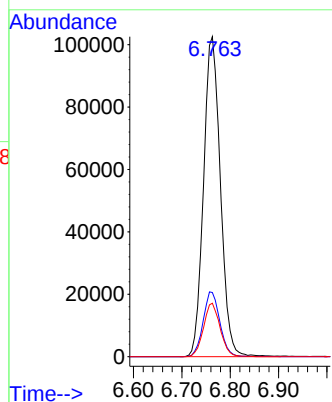
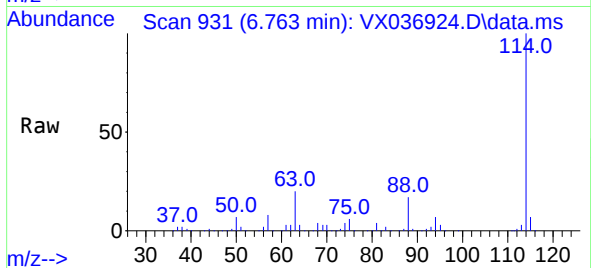




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX036924.D  
Acq: 10 Aug 2023 19:42

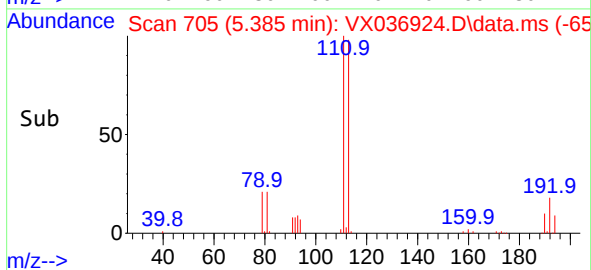
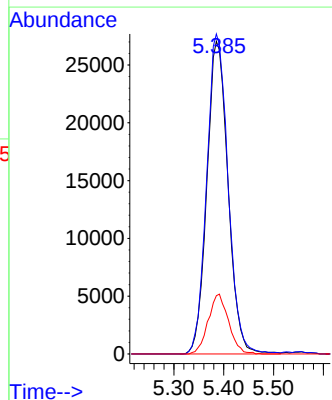
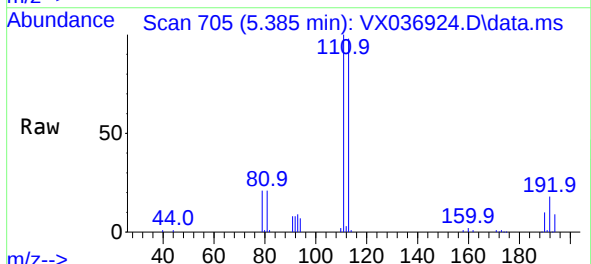
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-23

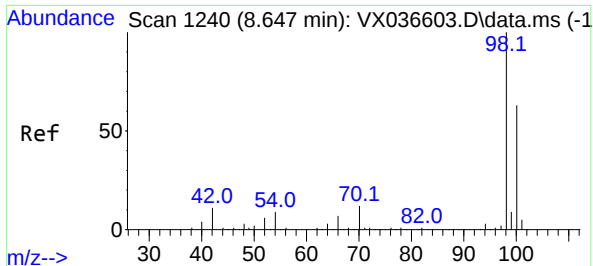
Tgt Ion:114 Resp: 248367  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 45.0  
88 16.7 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 46.715 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX036924.D  
Acq: 10 Aug 2023 19:42

Tgt Ion:113 Resp: 79748  
Ion Ratio Lower Upper  
113 100  
111 103.6 82.9 124.3  
192 18.4 13.3 19.9

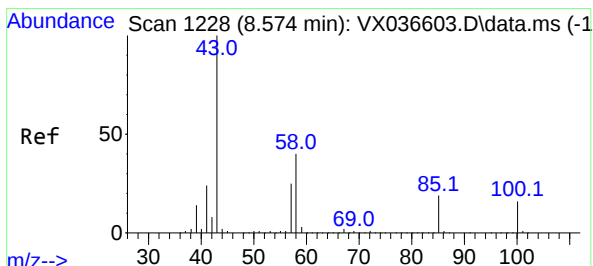
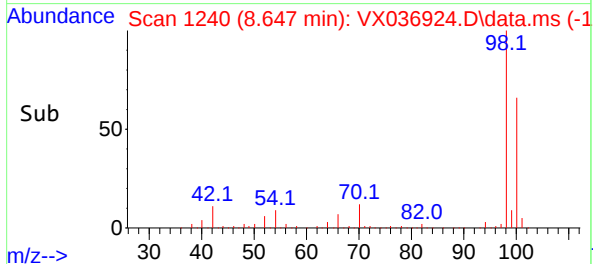
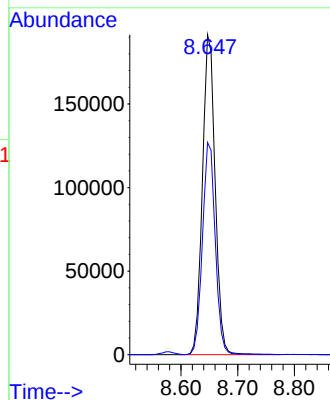
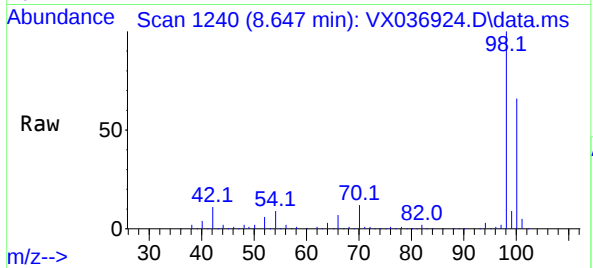




#50  
Toluene-d8  
Concen: 49.369 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX036924.D  
Acq: 10 Aug 2023 19:42

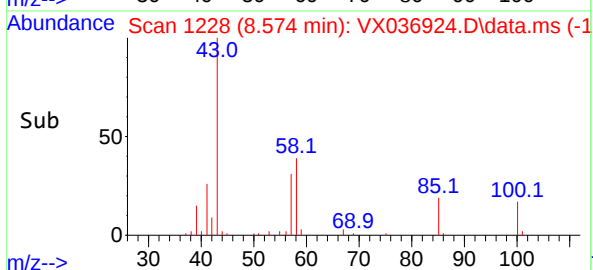
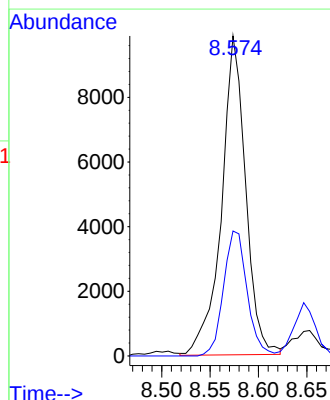
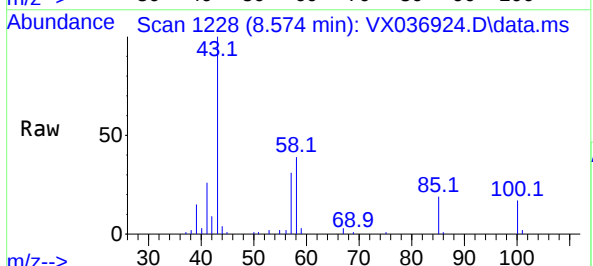
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-23

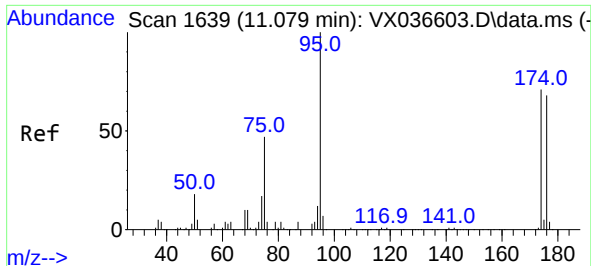
Tgt Ion: 98 Resp: 298872  
Ion Ratio Lower Upper  
98 100  
100 66.6 53.1 79.7



#51  
4-Methyl-2-Pentanone  
Concen: 6.231 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX036924.D  
Acq: 10 Aug 2023 19:42

Tgt Ion: 43 Resp: 17093  
Ion Ratio Lower Upper  
43 100  
58 38.3 30.4 45.6

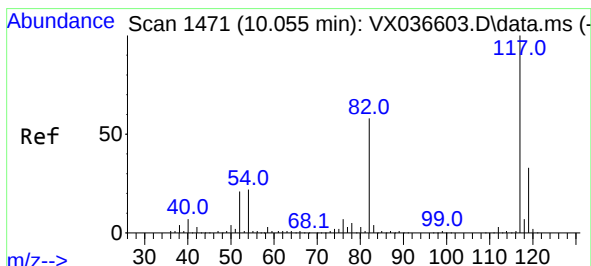
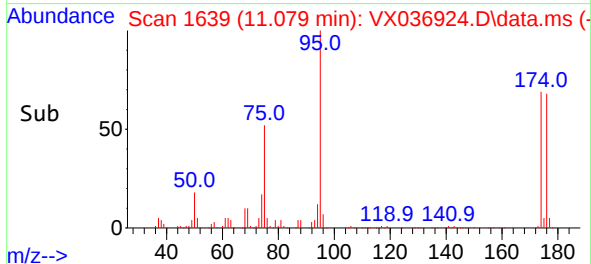
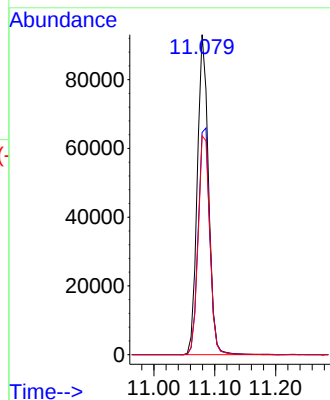
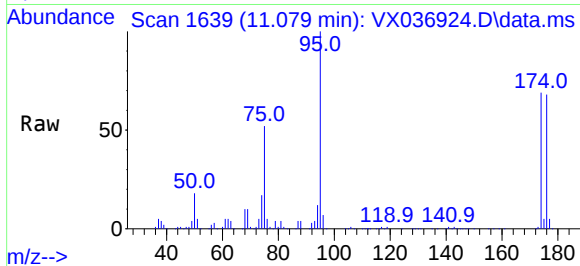




#62  
4-Bromofluorobenzene  
Concen: 51.747 ug/l  
RT: 11.079 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX036924.D  
Acq: 10 Aug 2023 19:42

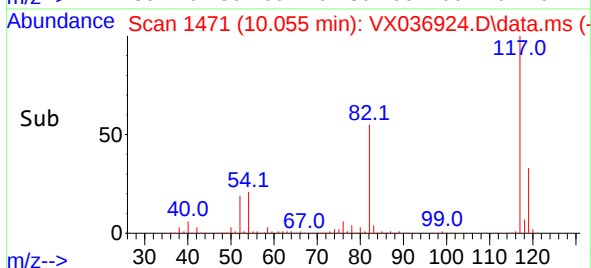
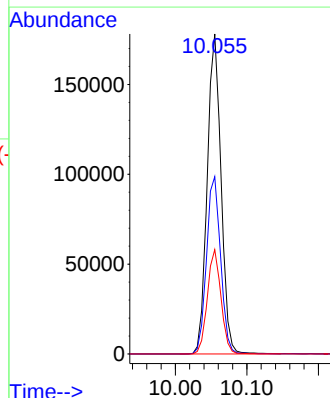
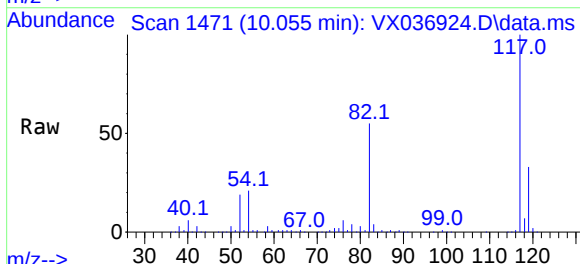
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-23

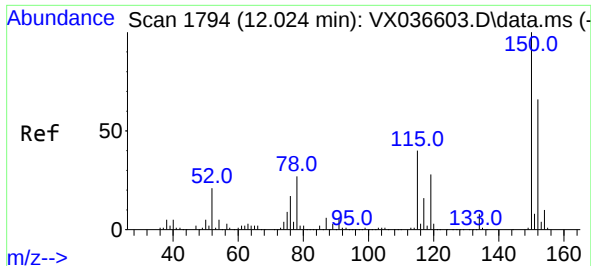
Tgt Ion: 95 Resp: 118192  
Ion Ratio Lower Upper  
95 100  
174 73.4 0.0 135.6  
176 71.3 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX036924.D  
Acq: 10 Aug 2023 19:42

Tgt Ion: 117 Resp: 239603  
Ion Ratio Lower Upper  
117 100  
82 55.4 46.2 69.4  
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036924.D

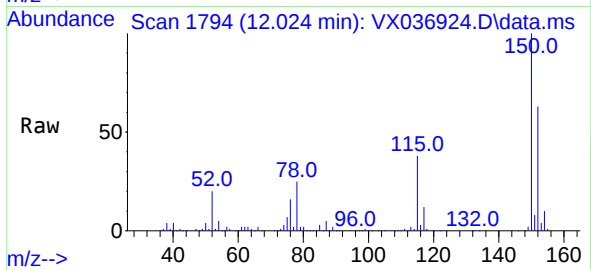
Acq: 10 Aug 2023 19:42

Instrument :

MSVOA\_X

ClientSampleId :

WC-23



Tgt Ion:152 Resp: 108312

Ion Ratio Lower Upper

152 100

115 63.9 43.3 129.9

150 160.0 0.0 345.0

