

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090321\  
 Data File : VX024110.D  
 Acq On : 03 Sep 2021 18:14  
 Operator : JC/MD  
 Sample : M3646-16  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 93-94

Quant Time: Sep 04 01:32:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 17 11:57:51 2021  
 Response via : Initial Calibration

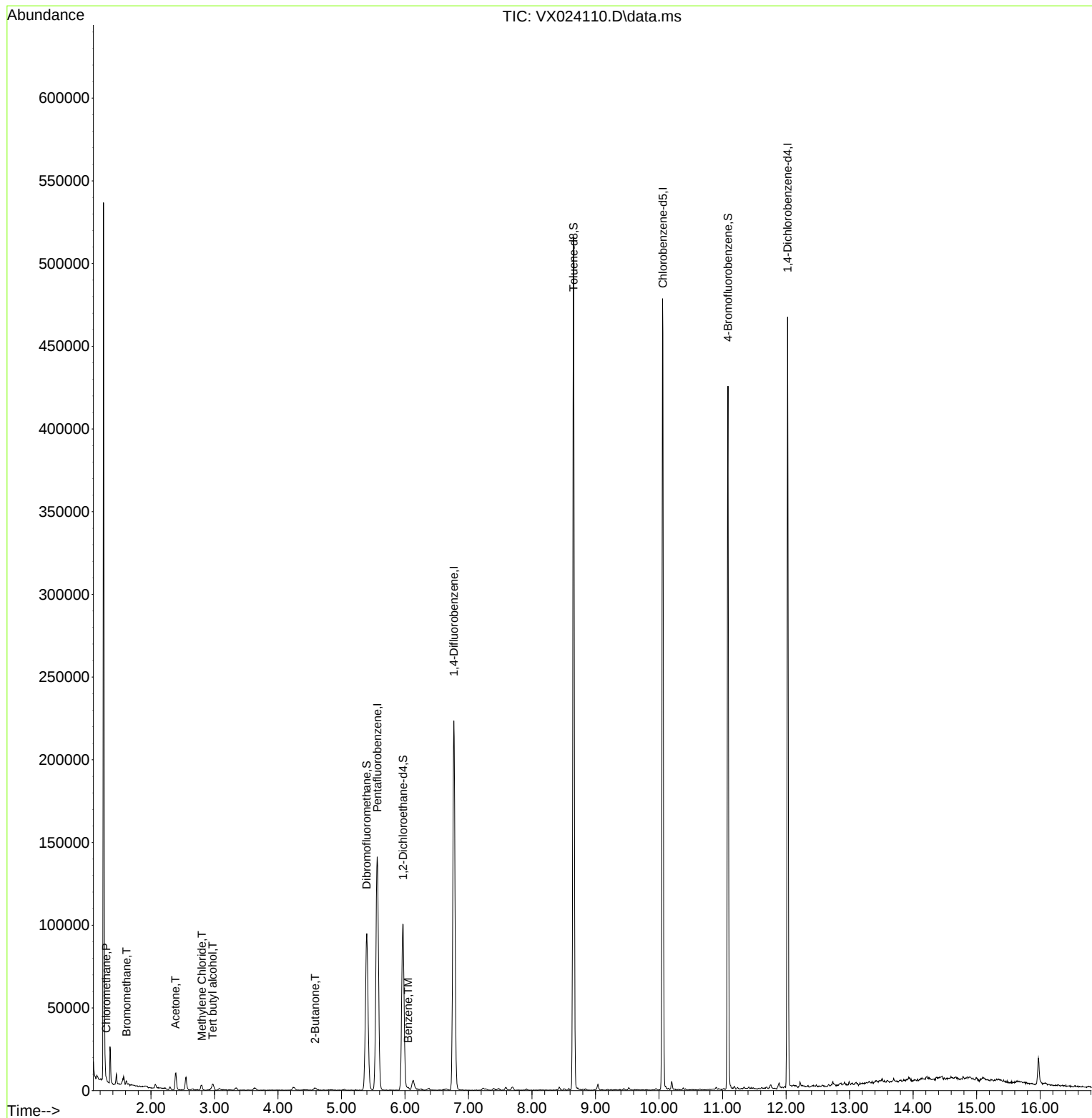
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 133004   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 221974   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.061 | 117   | 208645   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 91649    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.970  | 65    | 102564   | 55.251   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 110.500% |          |
| 35) Dibromofluoromethane    | 5.397  | 113   | 80640    | 54.887   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 109.780% |          |
| 50) Toluene-d8              | 8.653  | 98    | 285218   | 51.006   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 102.020% |          |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 104269   | 50.653   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 101.300% |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 3) Chloromethane            | 1.294  | 50    | 882      | 0.573    | ug/l #     | 87       |
| 5) Bromomethane             | 1.618  | 94    | 1334     | 1.412    | ug/l       | 91       |
| 11) Tert butyl alcohol      | 2.971  | 59    | 4198     | 11.183   | ug/l       | 100      |
| 16) Acetone                 | 2.386  | 43    | 11465    | 13.813   | ug/l       | 90       |
| 20) Methylene Chloride      | 2.800  | 84    | 1447     | 0.913    | ug/l       | 91       |
| 25) 2-Butanone              | 4.587  | 43    | 2219     | 1.765    | ug/l       | 91       |
| 40) Benzene                 | 6.050  | 78    | 1673     | 0.275    | ug/l #     | 90       |
| -----                       |        |       |          |          |            |          |

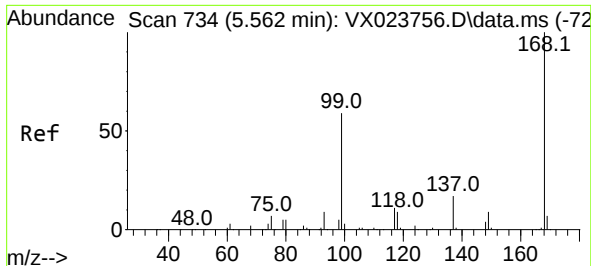
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081721W.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 17 11:57:51 2021  
Response via : Initial Calibration

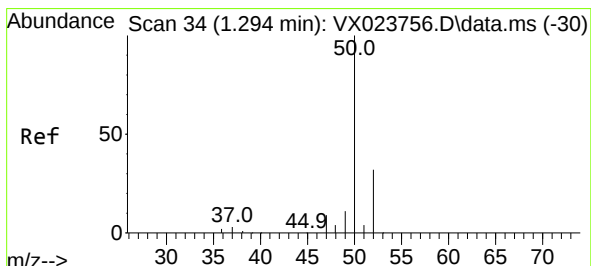
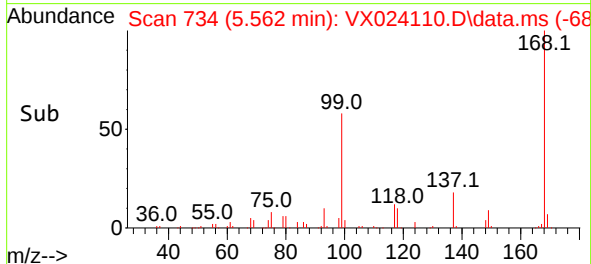
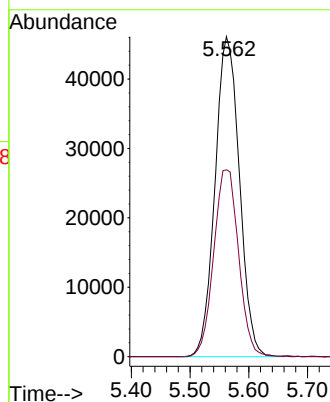
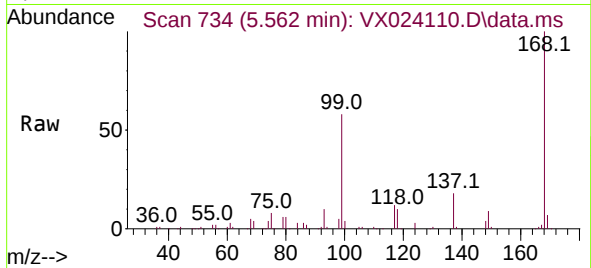




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX024110.D  
Acq: 03 Sep 2021 18:14

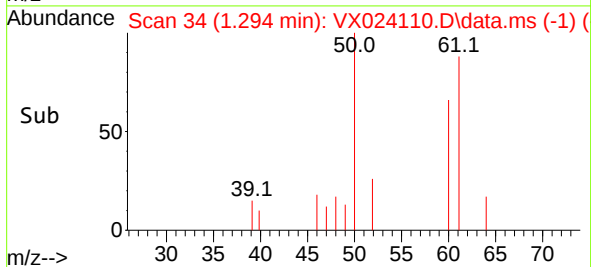
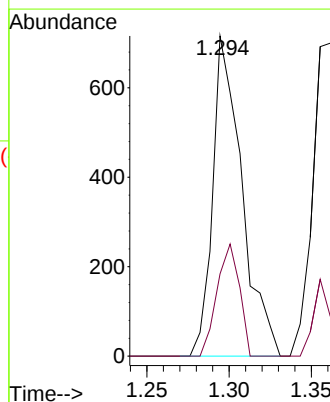
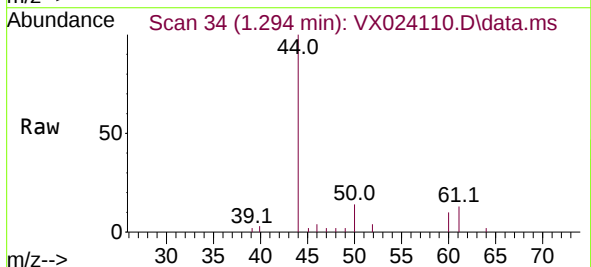
Instrument :  
MSVOA\_X  
ClientSampleId :  
93-94

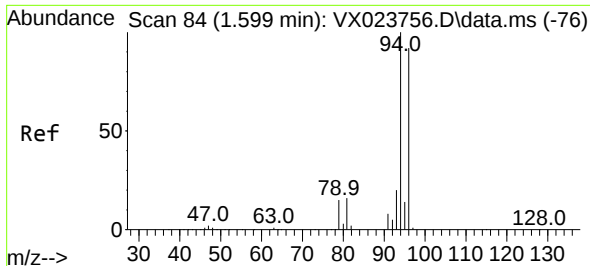
Tgt Ion:168 Resp: 133004  
Ion Ratio Lower Upper  
168 100  
99 58.4 45.8 68.6



#3  
Chloromethane  
Concen: 0.573 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX024110.D  
Acq: 03 Sep 2021 18:14

Tgt Ion: 50 Resp: 882  
Ion Ratio Lower Upper  
50 100  
52 25.7 26.4 39.6#

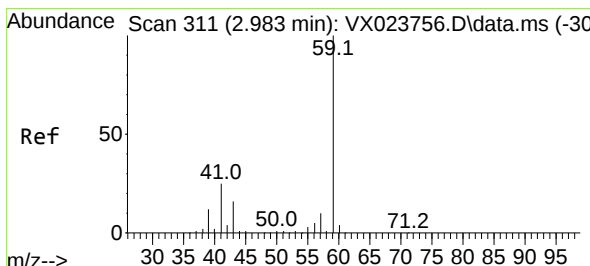
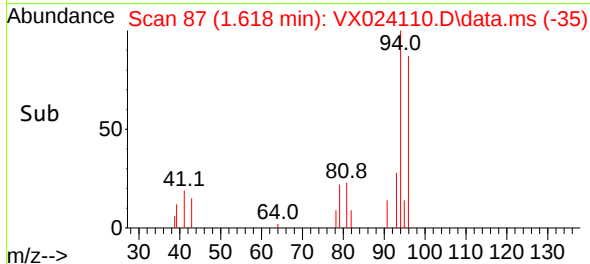
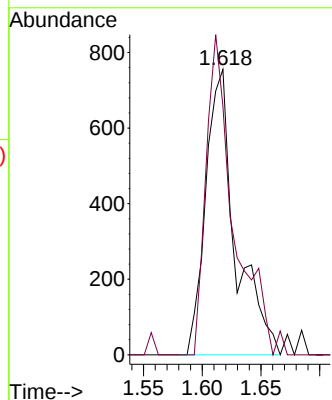
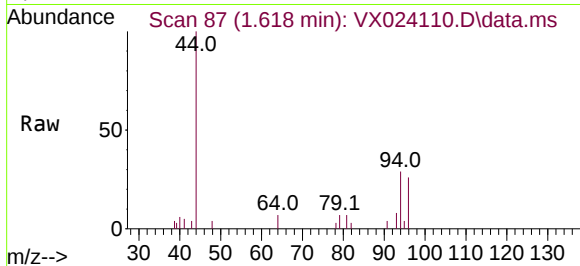




#5  
Bromomethane  
Concen: 1.412 ug/l  
RT: 1.618 min Scan# 87  
Delta R.T. 0.019 min  
Lab File: VX024110.D  
Acq: 03 Sep 2021 18:14

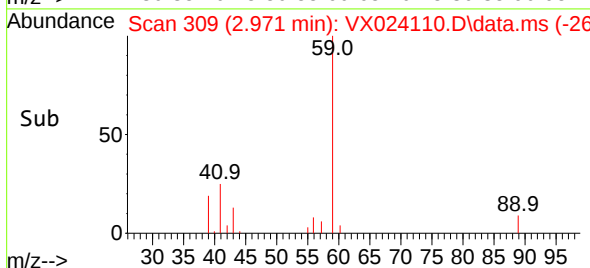
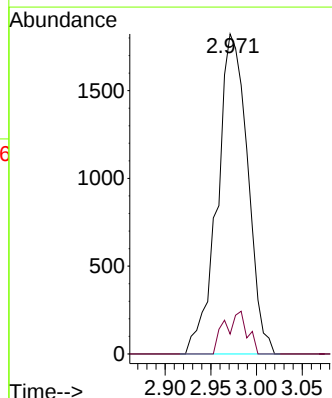
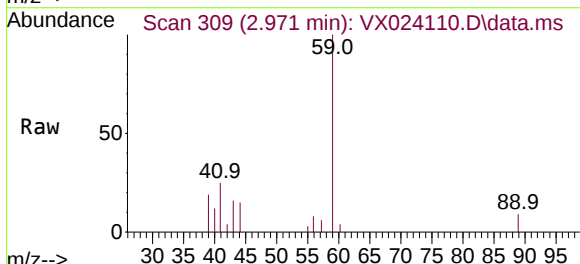
Instrument :  
MSVOA\_X  
ClientSampleId :  
93-94

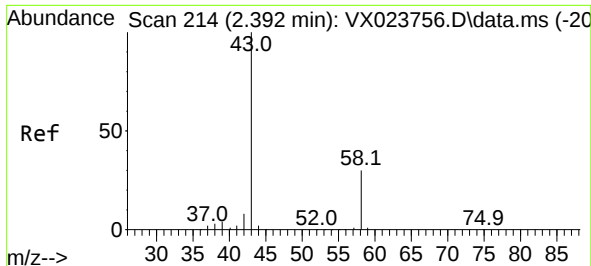
Tgt Ion: 94 Resp: 1334  
Ion Ratio Lower Upper  
94 100  
96 87.2 76.4 114.6



#11  
Tert butyl alcohol  
Concen: 11.183 ug/l  
RT: 2.971 min Scan# 309  
Delta R.T. -0.012 min  
Lab File: VX024110.D  
Acq: 03 Sep 2021 18:14

Tgt Ion: 59 Resp: 4198  
Ion Ratio Lower Upper  
59 100  
57 9.8 7.8 11.8

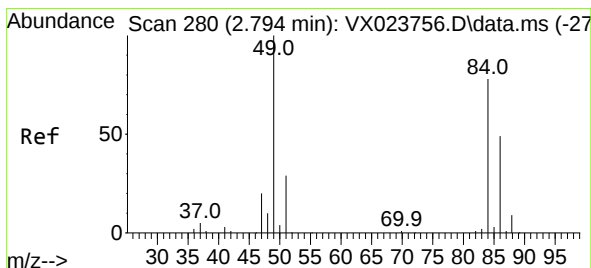
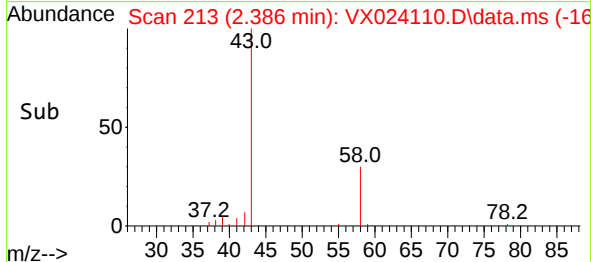
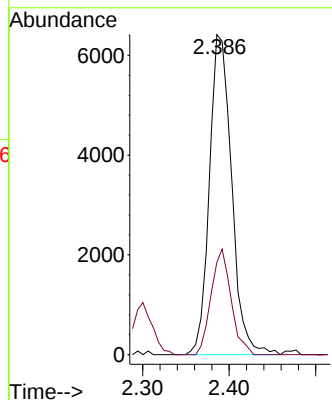
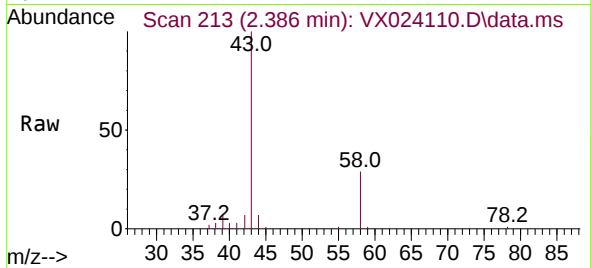




#16  
Acetone  
Concen: 13.813 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX024110.D  
Acq: 03 Sep 2021 18:14

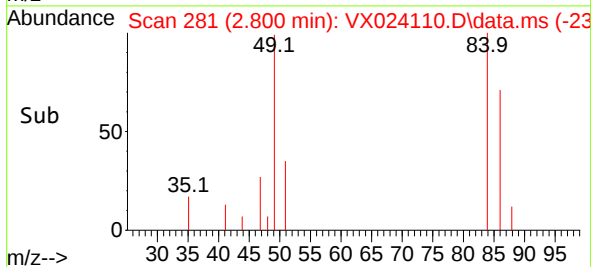
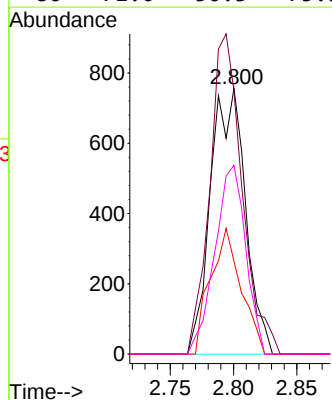
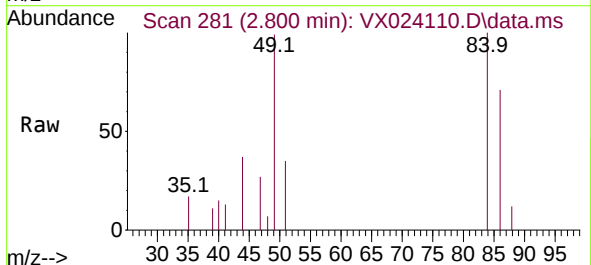
Instrument :  
MSVOA\_X  
ClientSampled :  
93-94

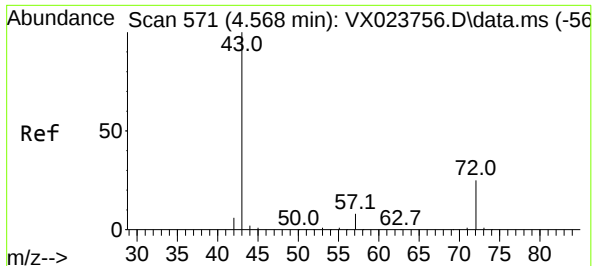
Tgt Ion: 43 Resp: 11465  
Ion Ratio Lower Upper  
43 100  
58 28.8 27.8 41.8



#20  
Methylene Chloride  
Concen: 0.913 ug/l  
RT: 2.800 min Scan# 281  
Delta R.T. 0.006 min  
Lab File: VX024110.D  
Acq: 03 Sep 2021 18:14

Tgt Ion: 84 Resp: 1447  
Ion Ratio Lower Upper  
84 100  
49 99.1 88.6 132.8  
51 35.1 27.0 40.6  
86 71.0 50.3 75.5





#25

2-Butanone

Concen: 1.765 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX024110.D

Acq: 03 Sep 2021 18:14

Instrument :

MSVOA\_X

ClientSampleId :

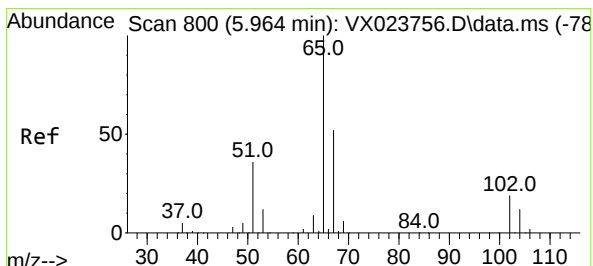
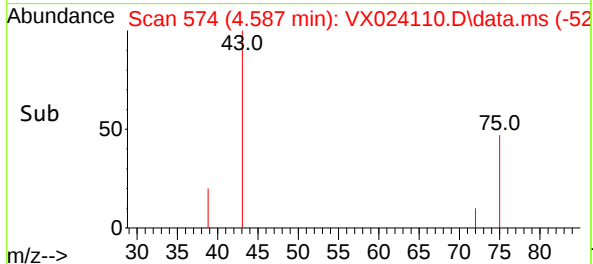
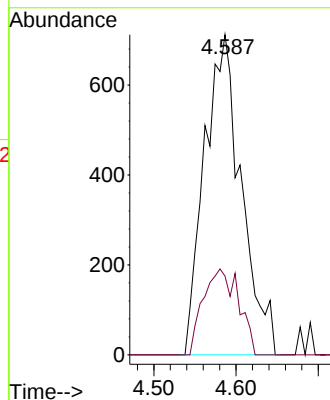
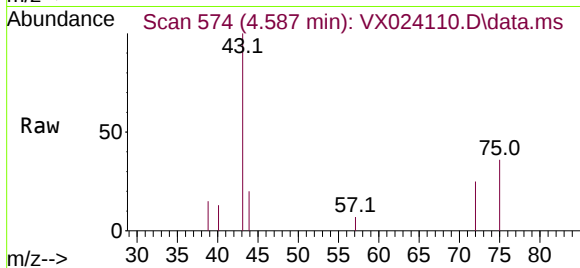
93-94

Tgt Ion: 43 Resp: 2219

Ion Ratio Lower Upper

43 100

72 24.6 23.7 35.5



#33

1,2-Dichloroethane-d4

Concen: 55.251 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX024110.D

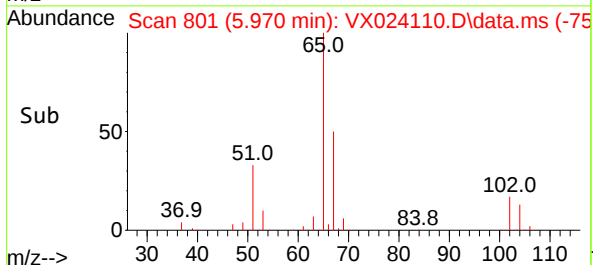
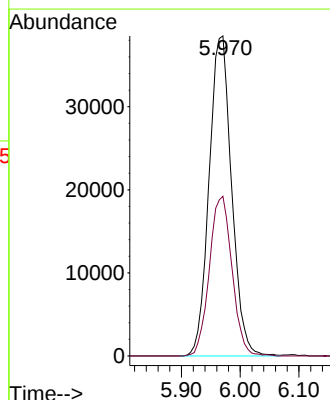
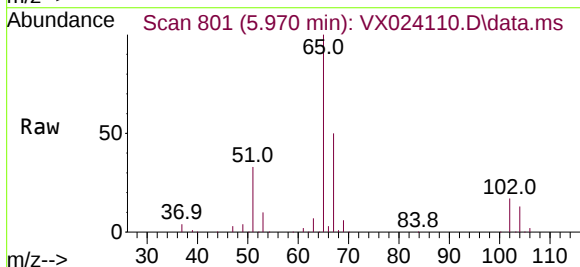
Acq: 03 Sep 2021 18:14

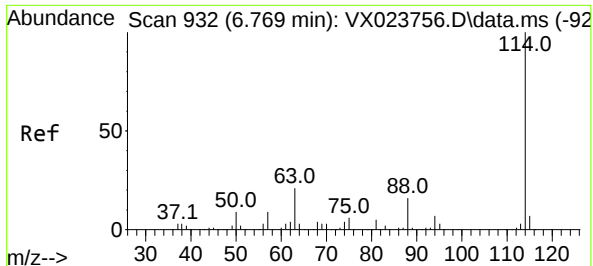
Tgt Ion: 65 Resp: 102564

Ion Ratio Lower Upper

65 100

67 50.2 0.0 105.4

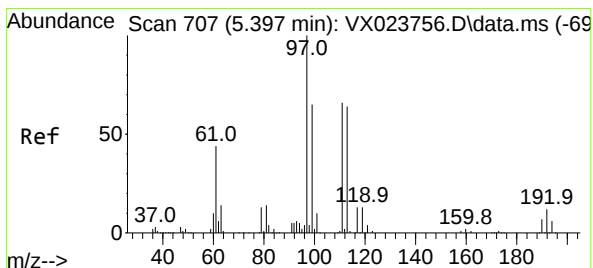
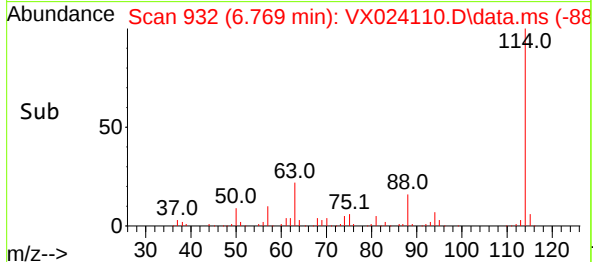
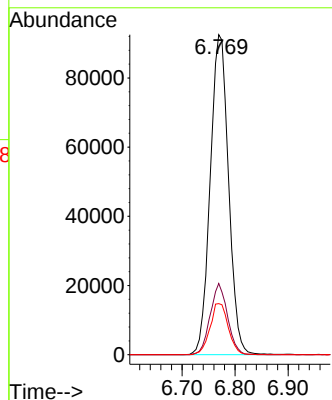
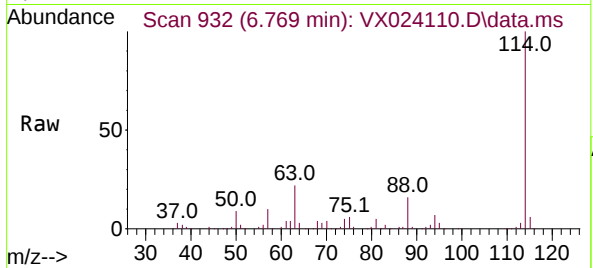




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX024110.D  
Acq: 03 Sep 2021 18:14

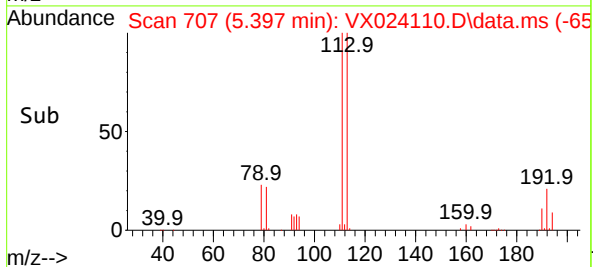
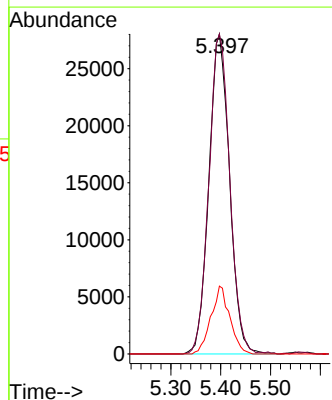
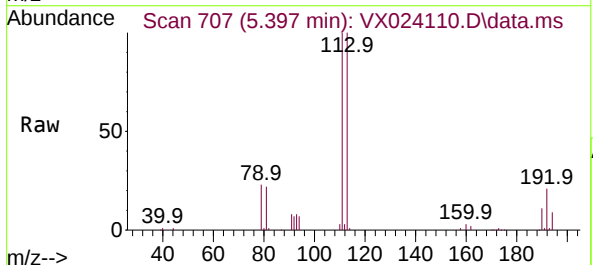
Instrument :  
MSVOA\_X  
ClientSampled :  
93-94

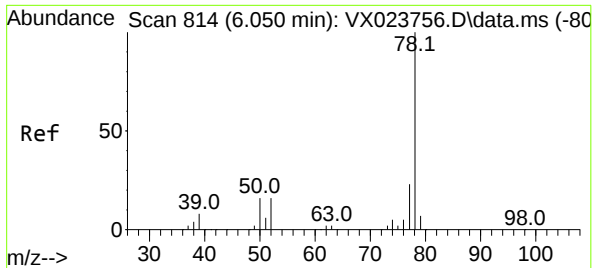
Tgt Ion:114 Resp: 221974  
Ion Ratio Lower Upper  
114 100  
63 22.2 0.0 40.8  
88 16.0 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 54.887 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX024110.D  
Acq: 03 Sep 2021 18:14

Tgt Ion:113 Resp: 80640  
Ion Ratio Lower Upper  
113 100  
111 101.3 81.9 122.9  
192 19.3 16.7 25.1

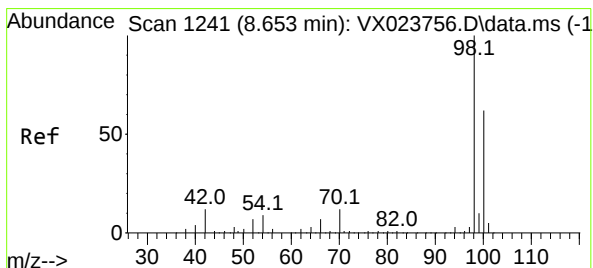
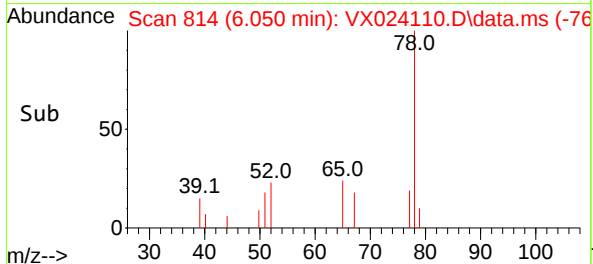
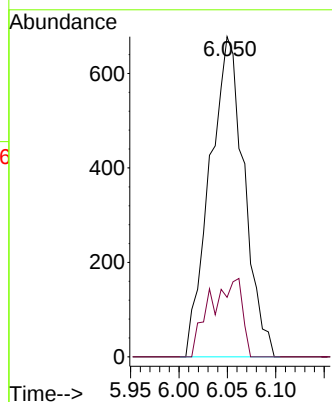
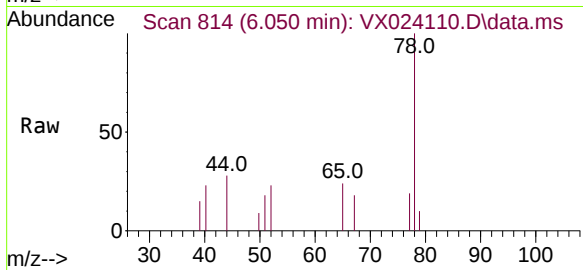




#40  
Benzene  
Concen: 0.275 ug/l  
RT: 6.050 min Scan# 814  
Delta R.T. -0.000 min  
Lab File: VX024110.D  
Acq: 03 Sep 2021 18:14

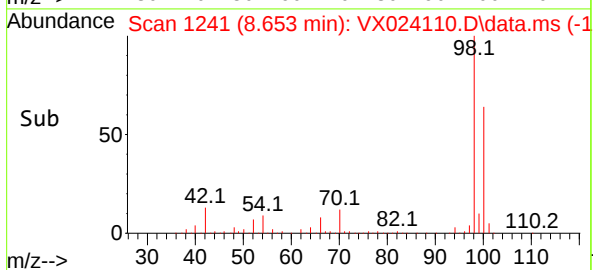
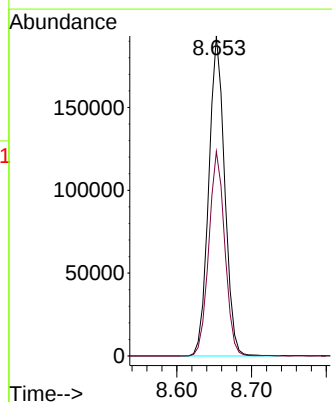
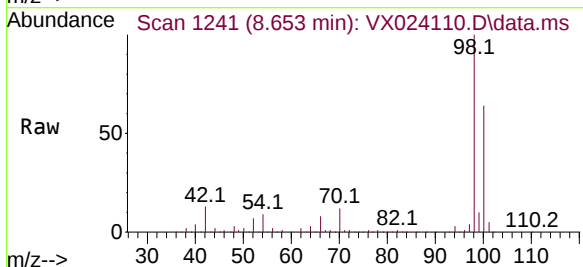
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ClientSampled :  
93-94

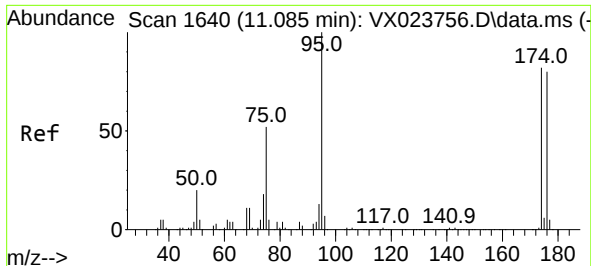
Tgt Ion: 78 Resp: 1673  
Ion Ratio Lower Upper  
78 100  
77 18.6 18.9 28.3#



#50  
Toluene-d8  
Concen: 51.006 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX024110.D  
Acq: 03 Sep 2021 18:14

Tgt Ion: 98 Resp: 285218  
Ion Ratio Lower Upper  
98 100  
100 63.9 51.9 77.9

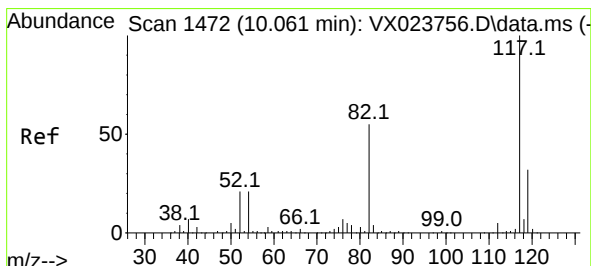
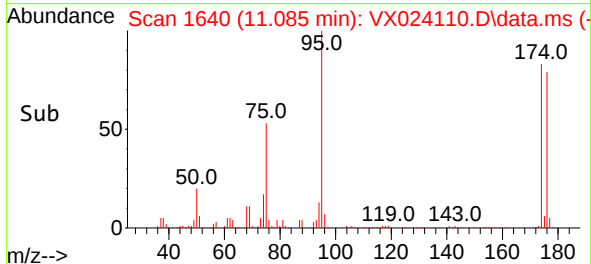
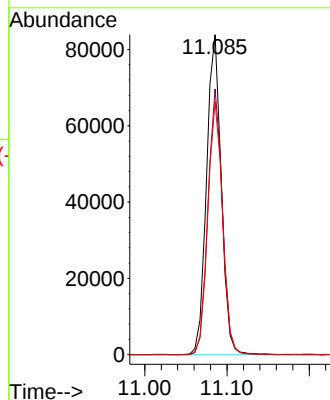
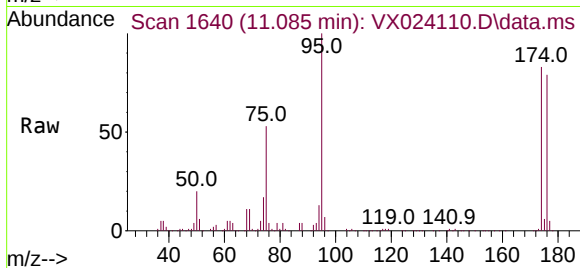




#62  
4-Bromofluorobenzene  
Concen: 50.653 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX024110.D  
Acq: 03 Sep 2021 18:14

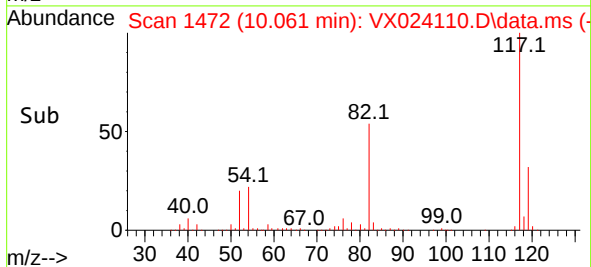
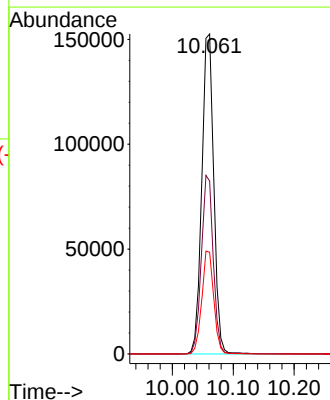
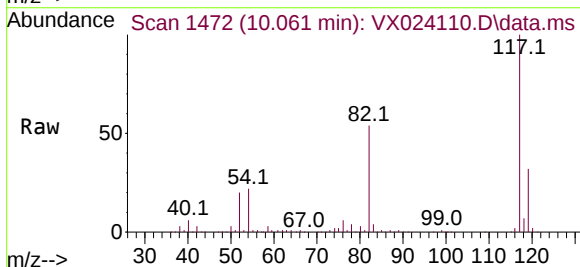
Instrument :  
MSVOA\_X  
ClientSampled :  
93-94

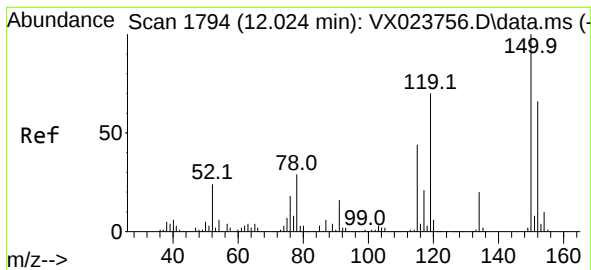
Tgt Ion: 95 Resp: 104269  
Ion Ratio Lower Upper  
95 100  
174 82.0 0.0 154.6  
176 78.8 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VX024110.D  
Acq: 03 Sep 2021 18:14

Tgt Ion: 117 Resp: 208645  
Ion Ratio Lower Upper  
117 100  
82 54.0 47.4 71.2  
119 31.8 26.6 39.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX024110.D  
 Acq: 03 Sep 2021 18:14

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 93-94

Tgt Ion:152 Resp: 91649  
 Ion Ratio Lower Upper  
 152 100  
 115 59.5 41.1 123.3  
 150 156.1 0.0 349.0

