

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX043024\  
 Data File : VX041308.D  
 Acq On : 30 Apr 2024 18:35  
 Operator : JC/MD  
 Sample : P2264-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 T11-MW-4-9.0-042324

Quant Time: May 01 02:50:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X043024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 01 02:38:17 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 181737   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 268177   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 252022   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 133438   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 98176    | 49.622   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 99.240%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 80310    | 44.191   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 88.380%  |
| 50) Toluene-d8              | 8.647  | 98    | 262970   | 45.717   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 91.440%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 116287   | 52.225   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 104.440% |

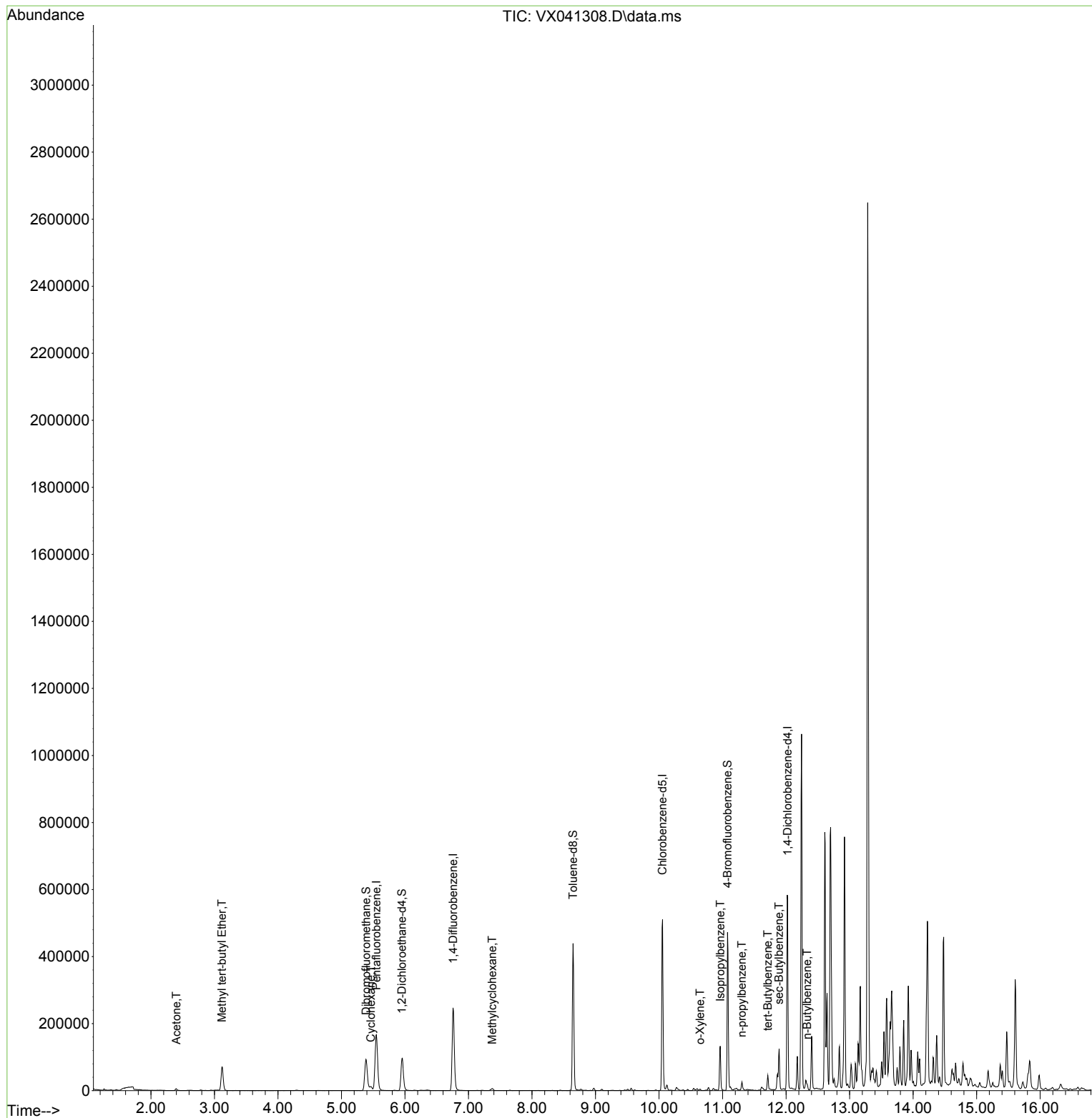
| Target Compounds            | R.T.   | QIon | Response | Conc   | Units | Qvalue |
|-----------------------------|--------|------|----------|--------|-------|--------|
| 16) Acetone                 | 2.398  | 43   | 6961     | 4.143  | ug/l  | 92     |
| 19) Methyl tert-butyl Ether | 3.117  | 73   | 80313    | 15.644 | ug/l  | 99     |
| 31) Cyclohexane             | 5.465  | 56   | 7251     | 3.037  | ug/l  | 86     |
| 39) Methylcyclohexane       | 7.373  | 83   | 2702     | 1.058  | ug/l  | 86     |
| 69) o-Xylene                | 10.646 | 106  | 896      | 0.277  | ug/l  | 90     |
| 73) Isopropylbenzene        | 10.964 | 105  | 70230    | 8.622  | ug/l  | 98     |
| 78) n-propylbenzene         | 11.305 | 91   | 14965    | 1.749  | ug/l  | 99     |
| 83) tert-Butylbenzene       | 11.713 | 119  | 16075    | 2.261  | ug/l  | 98     |
| 85) sec-Butylbenzene        | 11.890 | 105  | 62714    | 7.696  | ug/l  | # 75   |
| 89) n-Butylbenzene          | 12.329 | 91   | 6890     | 1.171  | ug/l  | # 68   |

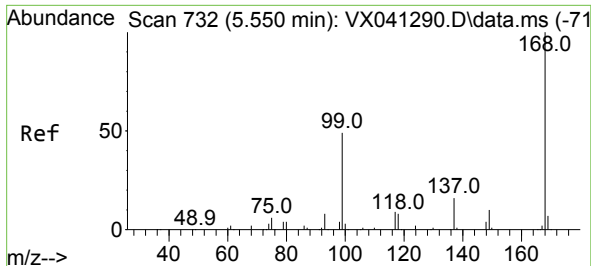
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX043024\  
Data File : VX041308.D  
Acq On : 30 Apr 2024 18:35  
Operator : JC/MD  
Sample : P2264-02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
T11-MW-4-9.0-042324

Quant Time: May 01 02:50:00 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X043024W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 01 02:38:17 2024  
Response via : Initial Calibration

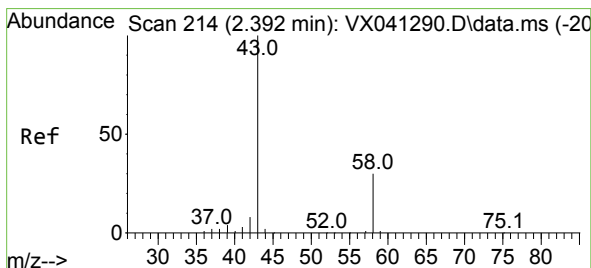
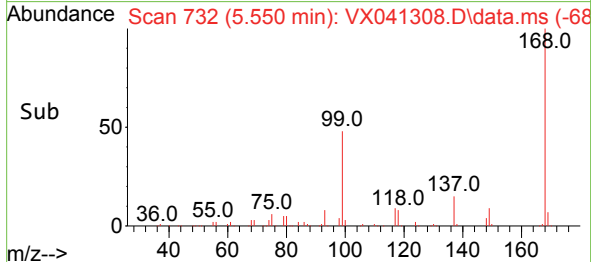
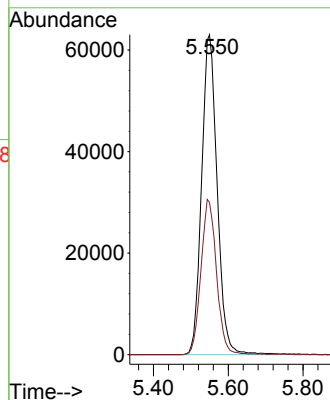
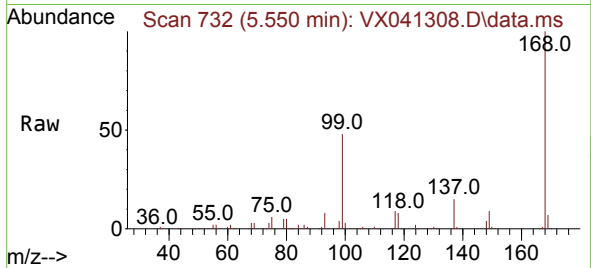




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX041308.D  
Acq: 30 Apr 2024 18:35

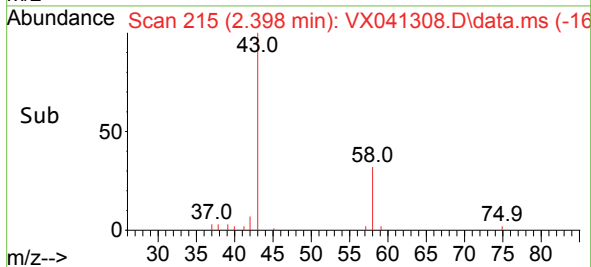
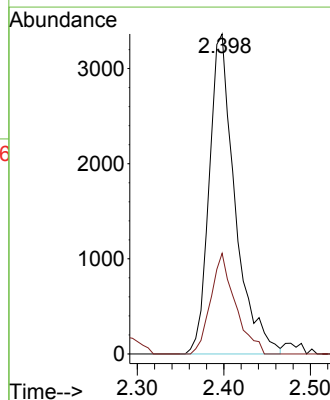
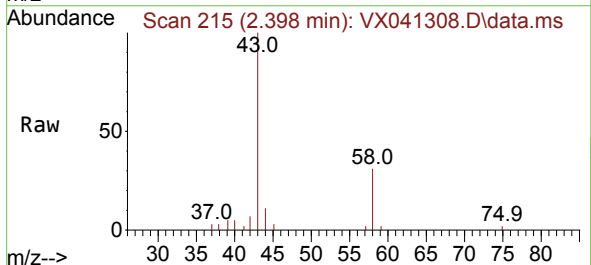
Instrument :  
MSVOA\_X  
ClientSampleId :  
T11-MW-4-9.0-042324

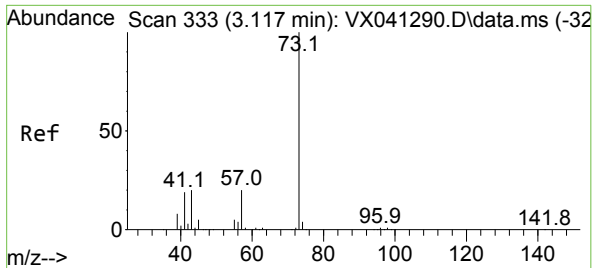
Tgt Ion:168 Resp: 181737  
Ion Ratio Lower Upper  
168 100  
99 47.6 56.6 85.0#



#16  
Acetone  
Concen: 4.143 ug/l  
RT: 2.398 min Scan# 215  
Delta R.T. 0.006 min  
Lab File: VX041308.D  
Acq: 30 Apr 2024 18:35

Tgt Ion: 43 Resp: 6961  
Ion Ratio Lower Upper  
43 100  
58 31.5 21.9 32.9

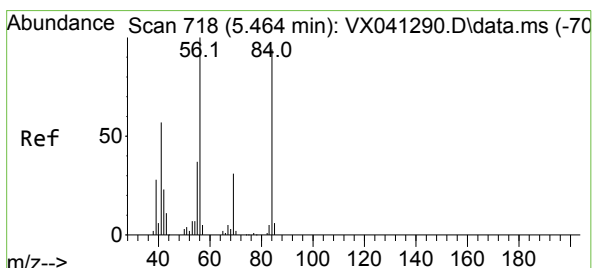
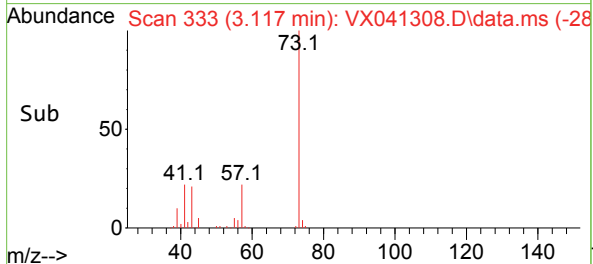
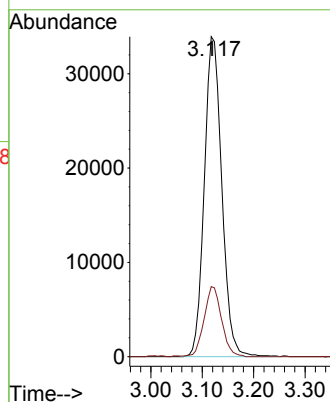
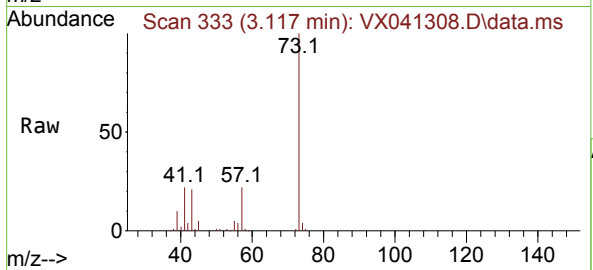




#19  
Methyl tert-butyl Ether  
Concen: 15.644 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX041308.D  
Acq: 30 Apr 2024 18:35

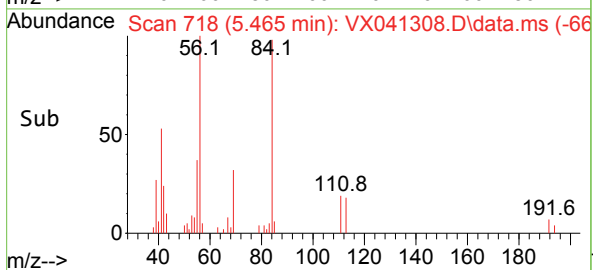
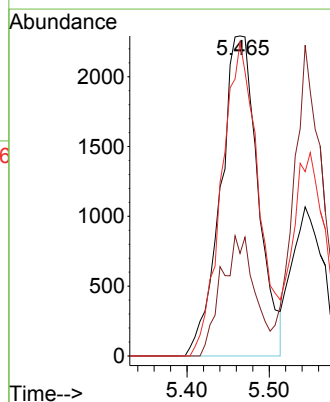
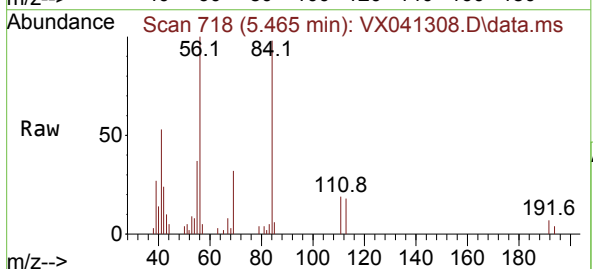
Instrument :  
MSVOA\_X  
ClientSampleId :  
T11-MW-4-9.0-042324

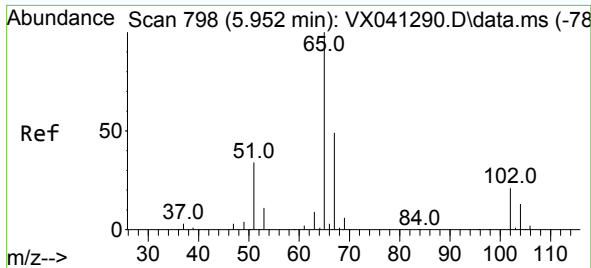
Tgt Ion: 73 Resp: 80313  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.3 25.9



#31  
Cyclohexane  
Concen: 3.037 ug/l  
RT: 5.465 min Scan# 718  
Delta R.T. 0.000 min  
Lab File: VX041308.D  
Acq: 30 Apr 2024 18:35

Tgt Ion: 56 Resp: 7251  
Ion Ratio Lower Upper  
56 100  
69 32.1 23.4 35.2  
84 98.0 65.9 98.9

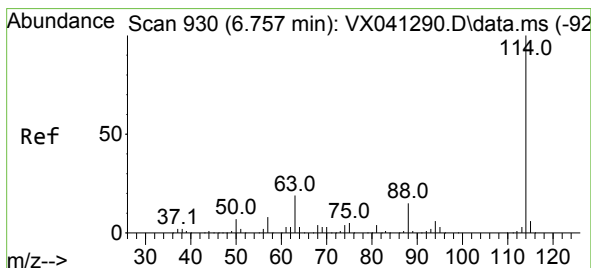
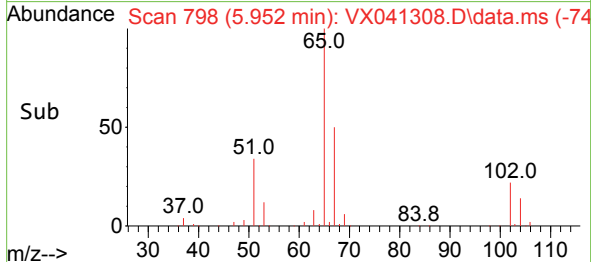
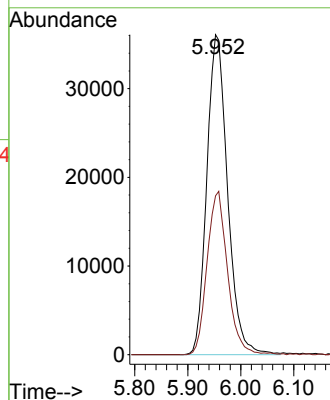
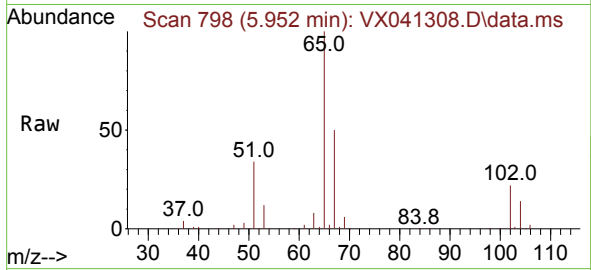




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.622 ug/l  
 RT: 5.952 min Scan# 798  
 Delta R.T. 0.000 min  
 Lab File: VX041308.D  
 Acq: 30 Apr 2024 18:35

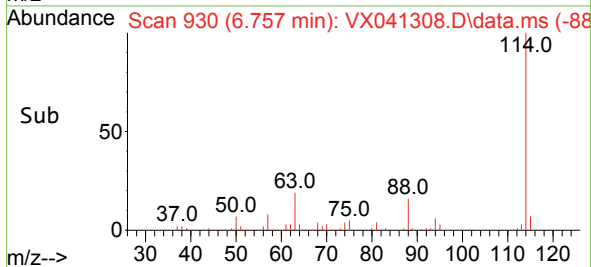
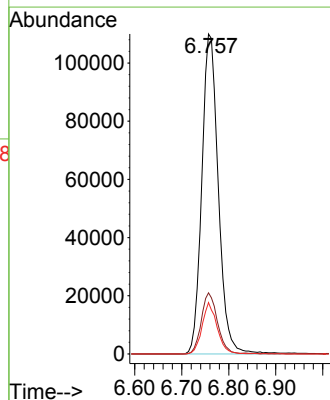
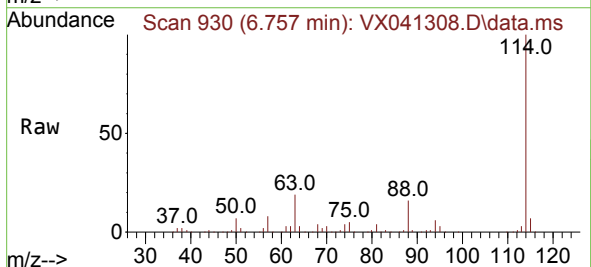
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 T11-MW-4-9.0-042324

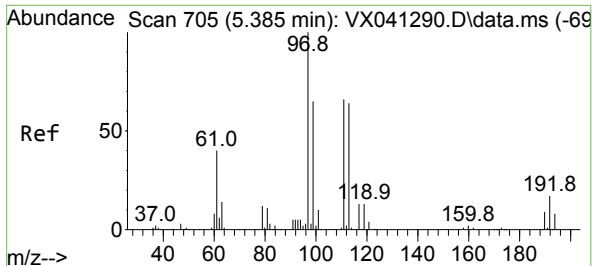
Tgt Ion: 65 Resp: 98176  
 Ion Ratio Lower Upper  
 65 100  
 67 50.4 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. 0.000 min  
 Lab File: VX041308.D  
 Acq: 30 Apr 2024 18:35

Tgt Ion: 114 Resp: 268177  
 Ion Ratio Lower Upper  
 114 100  
 63 19.1 0.0 45.0  
 88 16.0 0.0 36.6

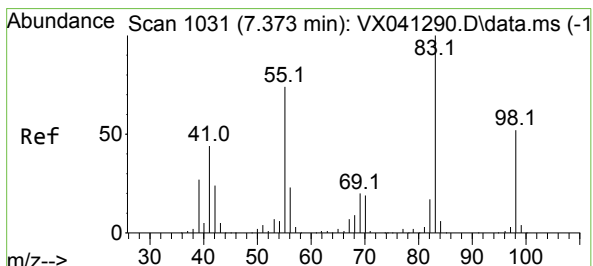
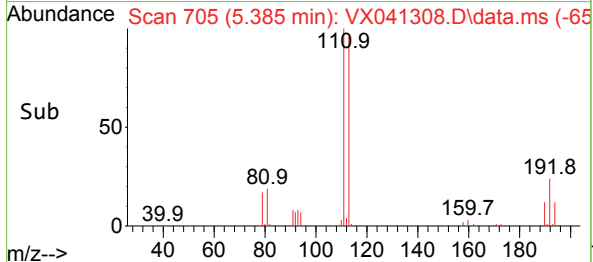
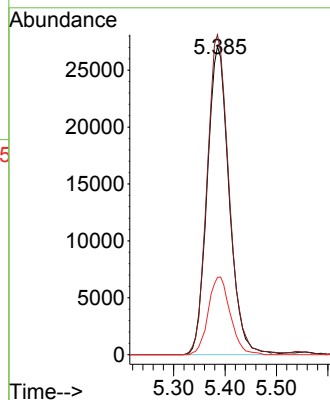
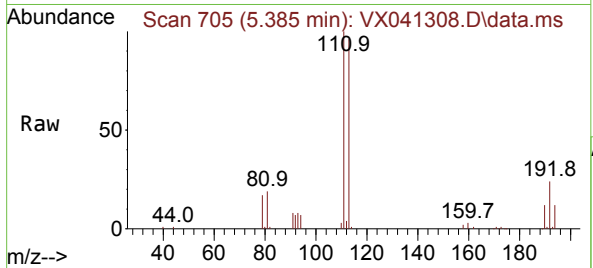




#35  
Dibromofluoromethane  
Concen: 44.191 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX041308.D  
Acq: 30 Apr 2024 18:35

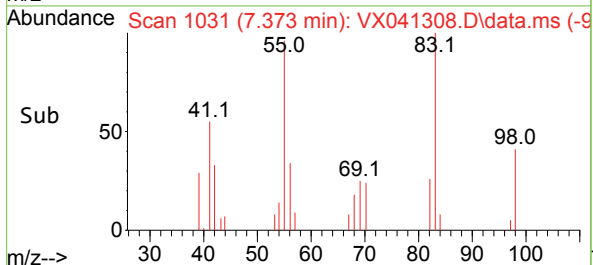
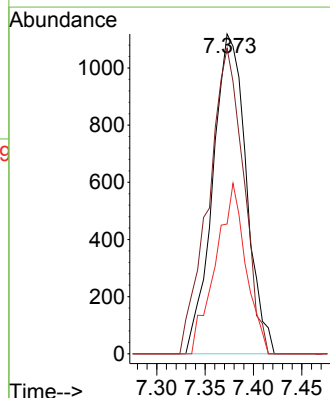
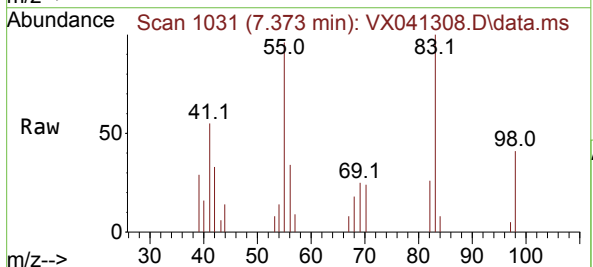
Instrument : MSVOA\_X  
ClientSampleId : T11-MW-4-9.0-042324

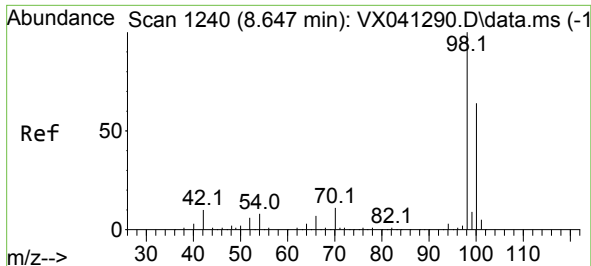
Tgt Ion:113 Resp: 80310  
Ion Ratio Lower Upper  
113 100  
111 103.8 82.9 124.3  
192 25.3 13.3 19.9#



#39  
Methylcyclohexane  
Concen: 1.058 ug/l  
RT: 7.373 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VX041308.D  
Acq: 30 Apr 2024 18:35

Tgt Ion: 83 Resp: 2702  
Ion Ratio Lower Upper  
83 100  
55 95.5 64.6 97.0  
98 40.6 36.7 55.1

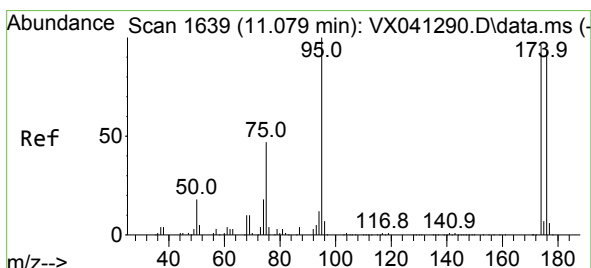
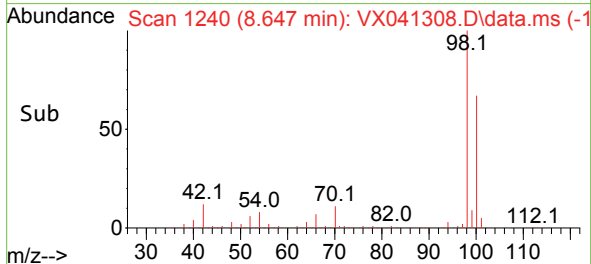
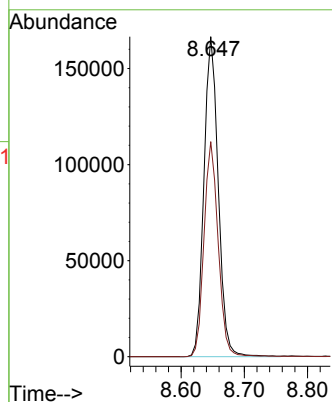
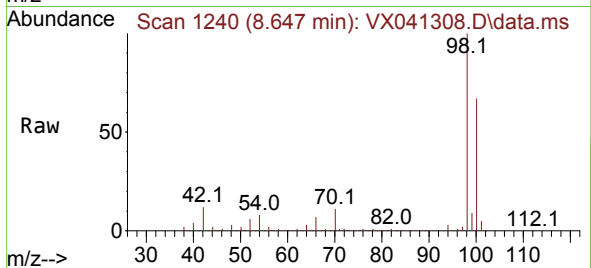




#50  
Toluene-d8  
Concen: 45.717 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX041308.D  
Acq: 30 Apr 2024 18:35

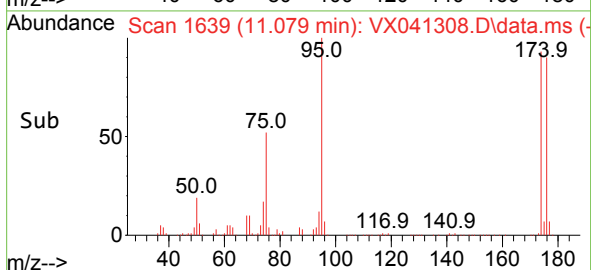
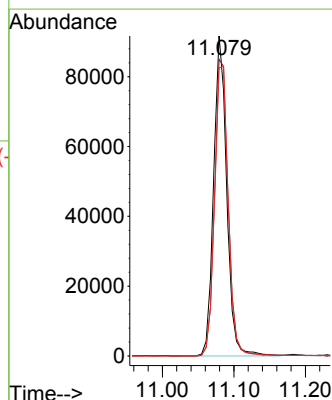
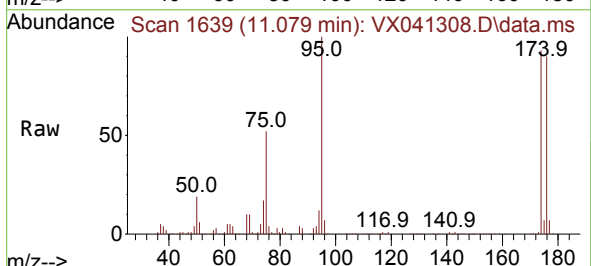
Instrument :  
MSVOA\_X  
ClientSampleId :  
T11-MW-4-9.0-042324

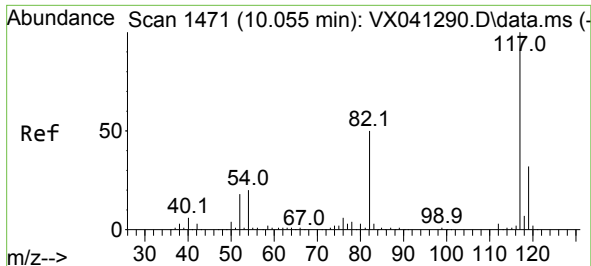
Tgt Ion: 98 Resp: 262970  
Ion Ratio Lower Upper  
98 100  
100 66.4 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 52.225 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX041308.D  
Acq: 30 Apr 2024 18:35

Tgt Ion: 95 Resp: 116287  
Ion Ratio Lower Upper  
95 100  
174 96.5 0.0 135.6  
176 95.1 0.0 131.0

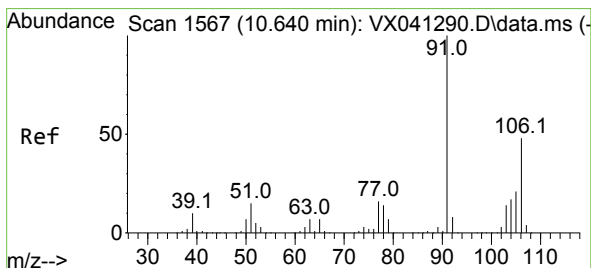
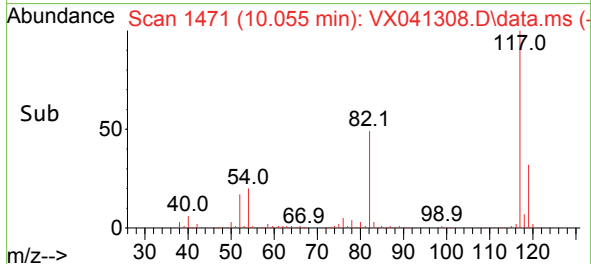
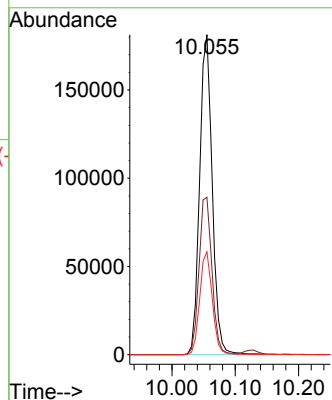
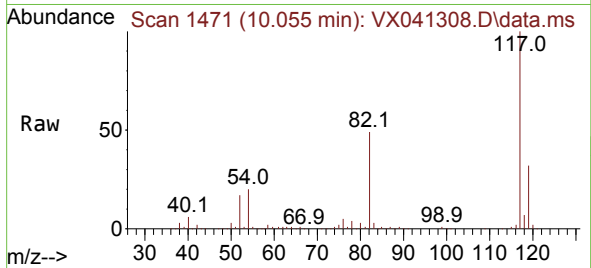




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX041308.D  
Acq: 30 Apr 2024 18:35

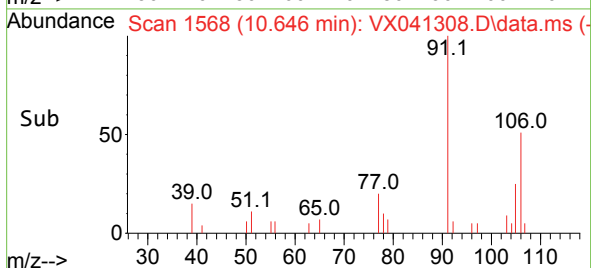
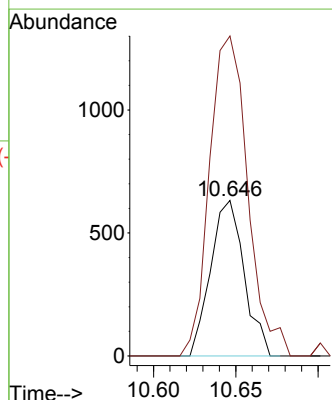
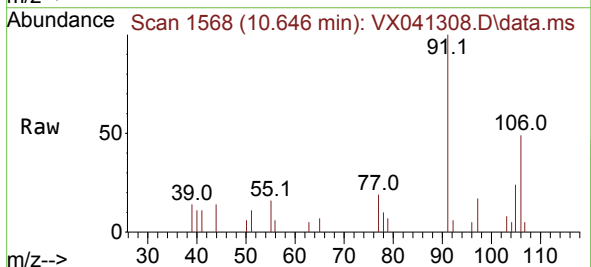
Instrument :  
MSVOA\_X  
ClientSampleId :  
T11-MW-4-9.0-042324

Tgt Ion:117 Resp: 252022  
Ion Ratio Lower Upper  
117 100  
82 49.2 46.2 69.4  
119 32.2 25.5 38.3

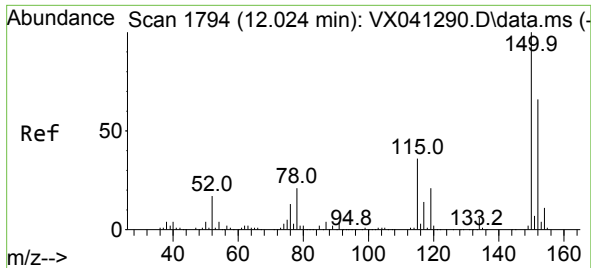


#69  
o-Xylene  
Concen: 0.277 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.006 min  
Lab File: VX041308.D  
Acq: 30 Apr 2024 18:35

Tgt Ion:106 Resp: 896  
Ion Ratio Lower Upper  
106 100  
91 234.5 108.9 326.8



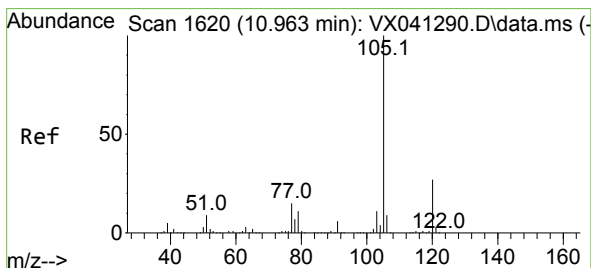
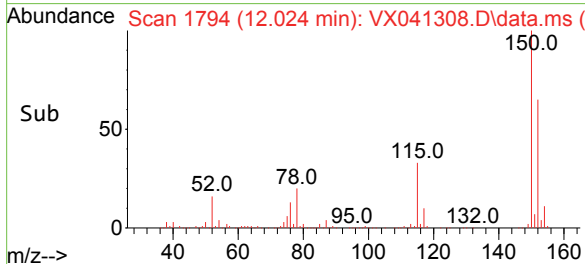
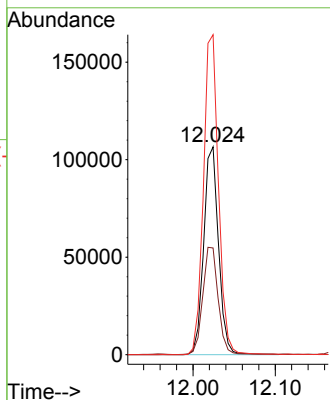
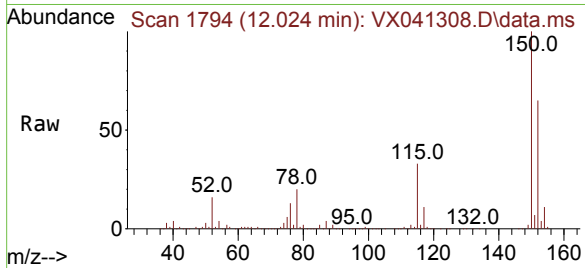




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VX041308.D  
 Acq: 30 Apr 2024 18:35

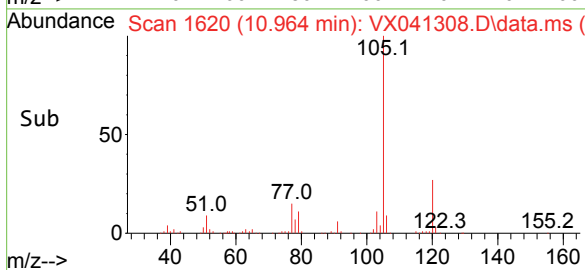
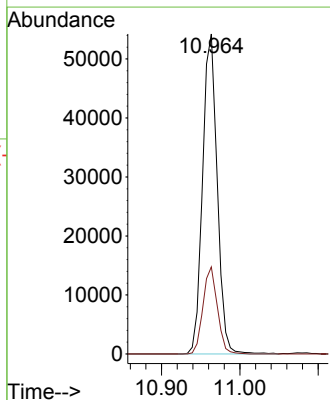
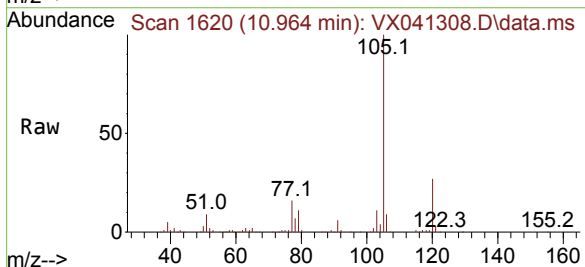
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 T11-MW-4-9.0-042324

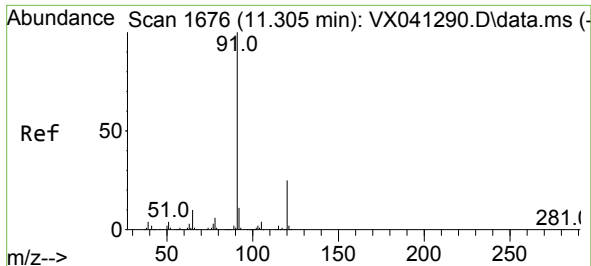
Tgt Ion:152 Resp: 133438  
 Ion Ratio Lower Upper  
 152 100  
 115 53.7 43.3 129.9  
 150 156.6 0.0 345.0



#73  
 Isopropylbenzene  
 Concen: 8.622 ug/l  
 RT: 10.964 min Scan# 1620  
 Delta R.T. 0.000 min  
 Lab File: VX041308.D  
 Acq: 30 Apr 2024 18:35

Tgt Ion:105 Resp: 70230  
 Ion Ratio Lower Upper  
 105 100  
 120 26.6 12.9 38.6

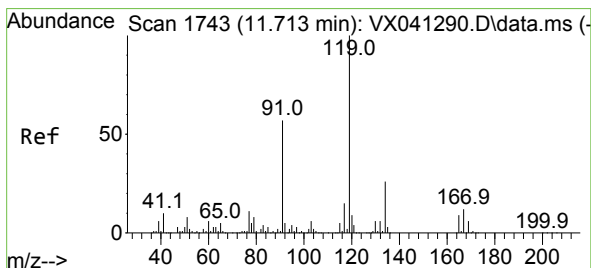
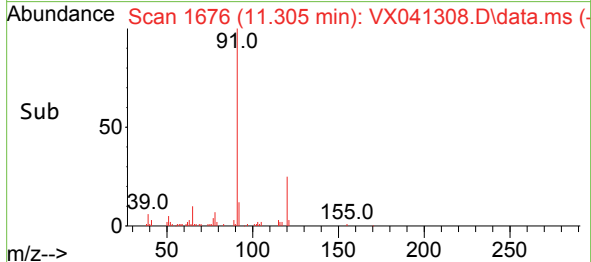
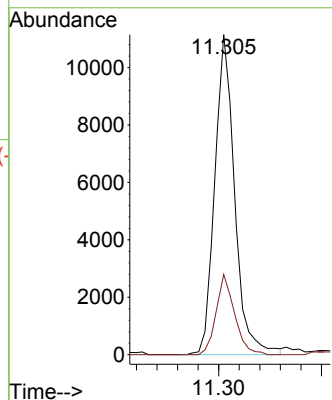
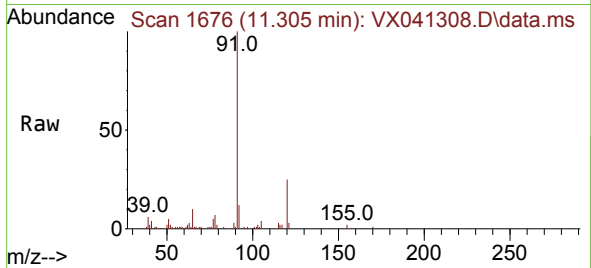




#78  
n-propylbenzene  
Concen: 1.749 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX041308.D  
Acq: 30 Apr 2024 18:35

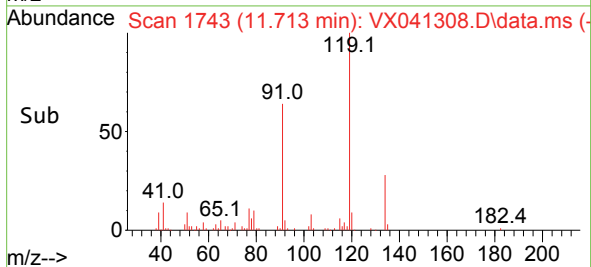
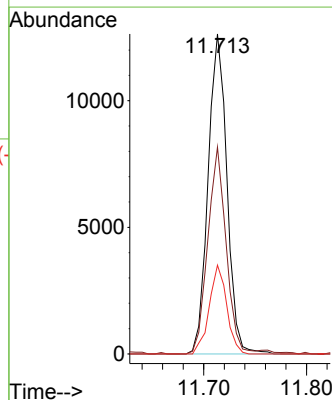
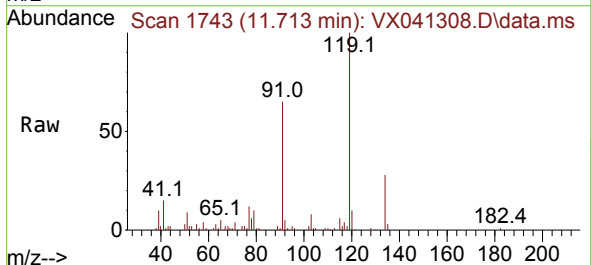
Instrument :  
MSVOA\_X  
ClientSampleId :  
T11-MW-4-9.0-042324

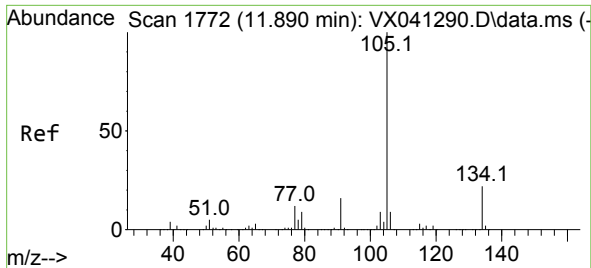
Tgt Ion: 91 Resp: 14965  
Ion Ratio Lower Upper  
91 100  
120 23.2 11.5 34.4



#83  
tert-Butylbenzene  
Concen: 2.261 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX041308.D  
Acq: 30 Apr 2024 18:35

Tgt Ion: 119 Resp: 16075  
Ion Ratio Lower Upper  
119 100  
91 63.0 31.2 93.6  
134 25.8 11.7 35.0

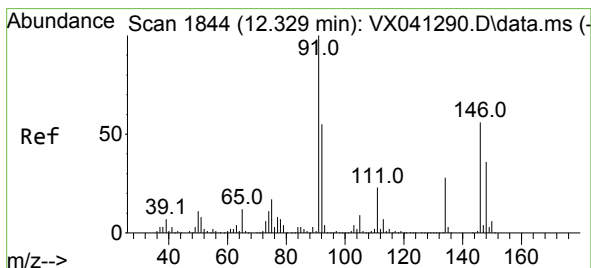
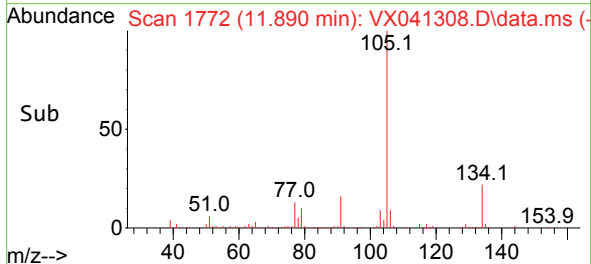
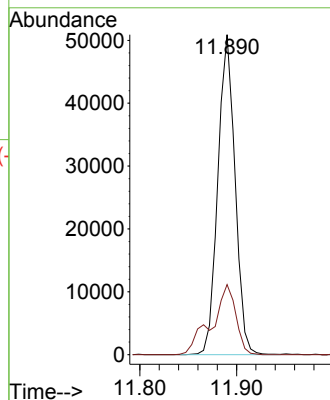
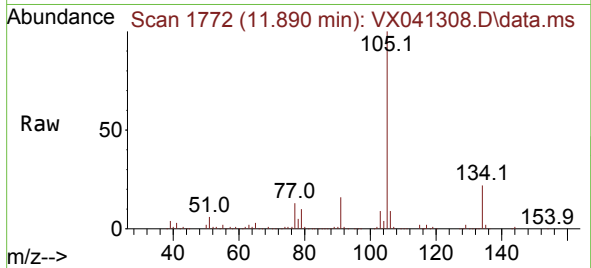




#85  
 sec-Butylbenzene  
 Concen: 7.696 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX041308.D  
 Acq: 30 Apr 2024 18:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 T11-MW-4-9.0-042324

Tgt Ion:105 Resp: 62714  
 Ion Ratio Lower Upper  
 105 100  
 134 30.9 9.8 29.4#



#89  
 n-Butylbenzene  
 Concen: 1.171 ug/l  
 RT: 12.329 min Scan# 1844  
 Delta R.T. 0.000 min  
 Lab File: VX041308.D  
 Acq: 30 Apr 2024 18:35

Tgt Ion: 91 Resp: 6890  
 Ion Ratio Lower Upper  
 91 100  
 92 44.5 27.4 82.0  
 134 61.4 12.6 37.8#

