

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040324\  
 Data File : VX040871.D  
 Acq On : 03 Apr 2024 14:01  
 Operator : JC/MD  
 Sample : P1964-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EB01-040224

Quant Time: Apr 03 16:39:32 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 02 05:40:55 2024  
 Response via : Initial Calibration

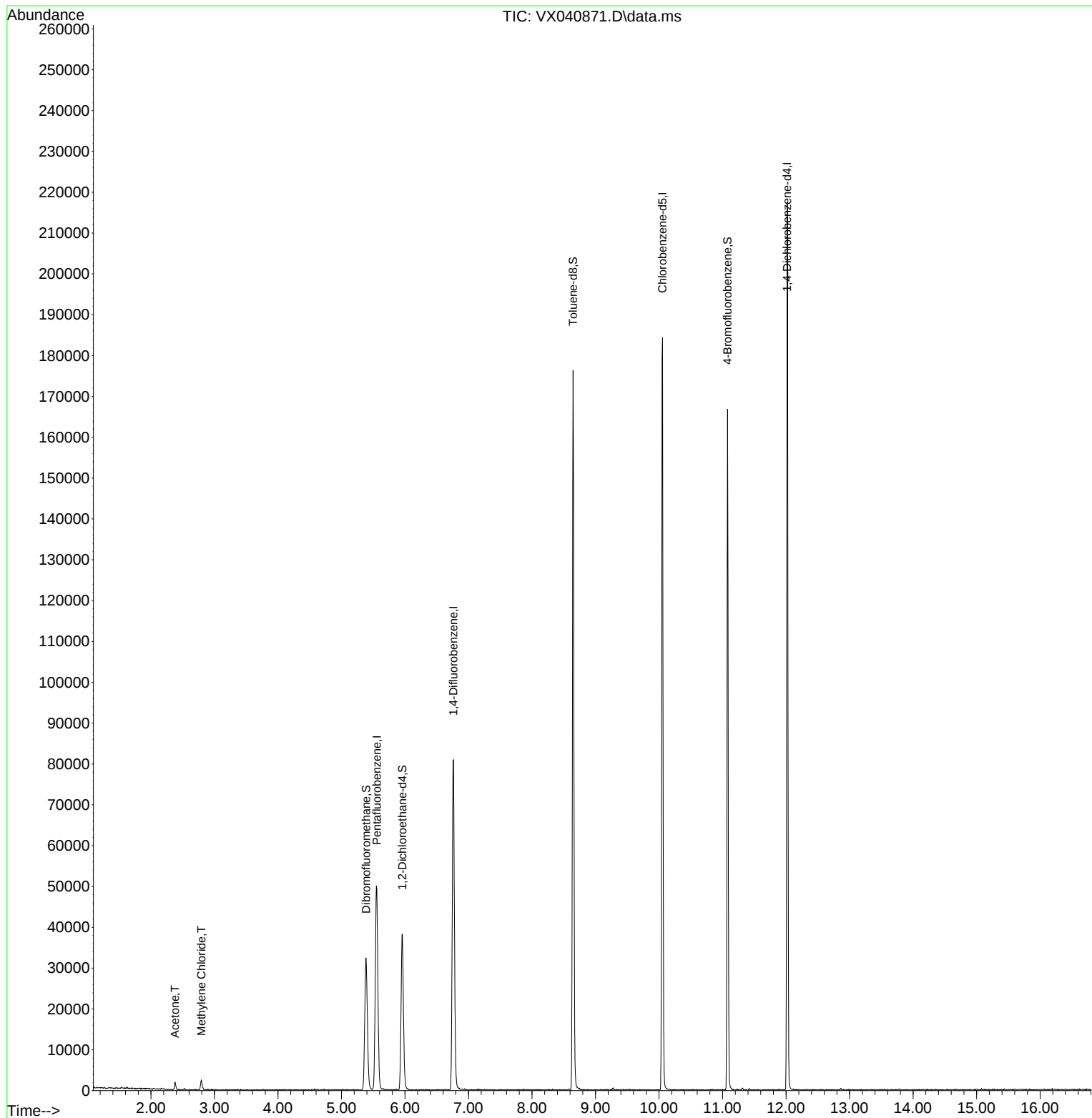
| Compound                    | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|-------|----------|
| -----                       |                |      |            |          |       |          |
| Internal Standards          |                |      |            |          |       |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 43579      | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 77910      | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 78027      | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018         | 152  | 40025      | 50.000   | ug/l  | 0.00     |
|                             |                |      |            |          |       |          |
| System Monitoring Compounds |                |      |            |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 38166      | 48.810   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 97.620%  |       |          |
| 35) Dibromofluoromethane    | 5.385          | 113  | 27405      | 49.661   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 99.320%  |       |          |
| 50) Toluene-d8              | 8.647          | 98   | 99094      | 49.695   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 99.380%  |       |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 40303      | 50.612   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 101.220% |       |          |
|                             |                |      |            |          |       |          |
| Target Compounds            |                |      |            |          |       |          |
| 16) Acetone                 | 2.380          | 43   | 1994       | 6.568    | ug/l  | 99       |
| 20) Methylene Chloride      | 2.794          | 84   | 1102       | 1.959    | ug/l  | 86       |
| -----                       |                |      |            |          |       |          |

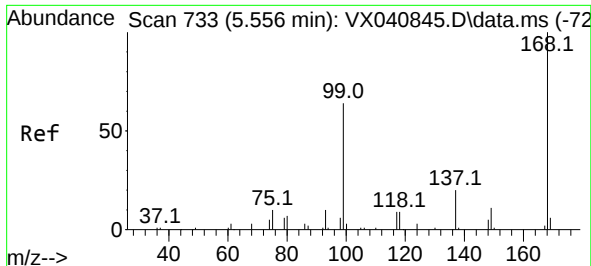
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X040124W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 02 05:40:55 2024  
Response via : Initial Calibration

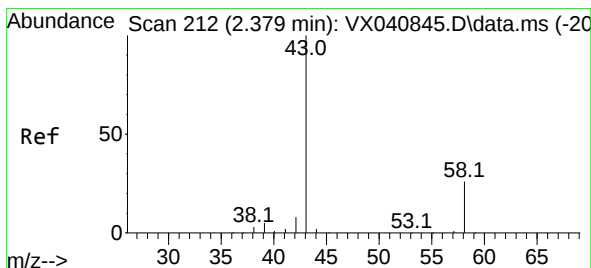
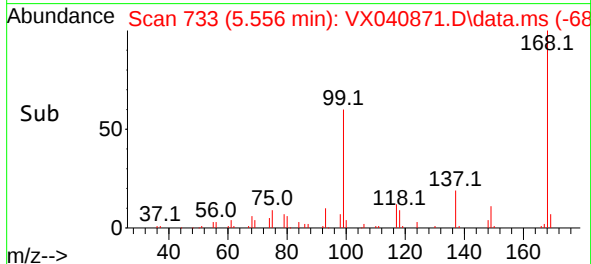
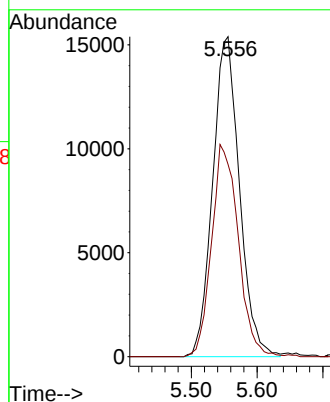
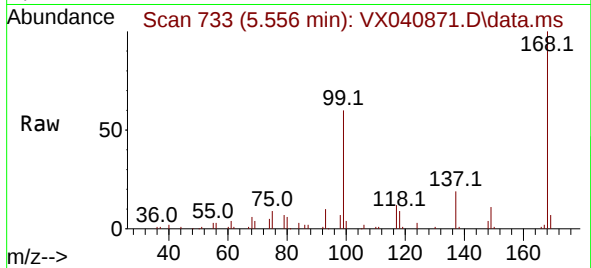




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX040871.D  
Acq: 03 Apr 2024 14:01

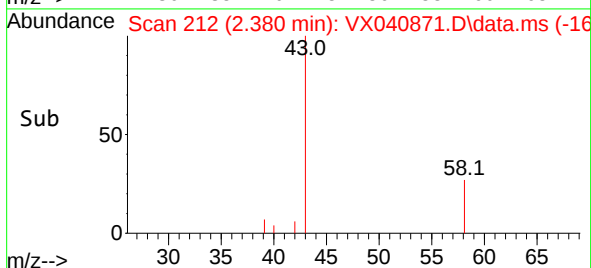
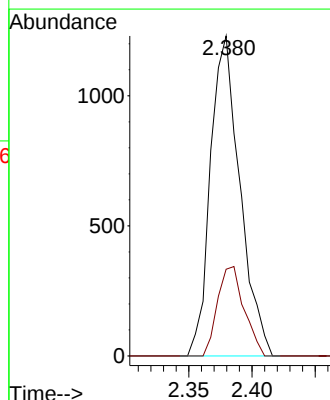
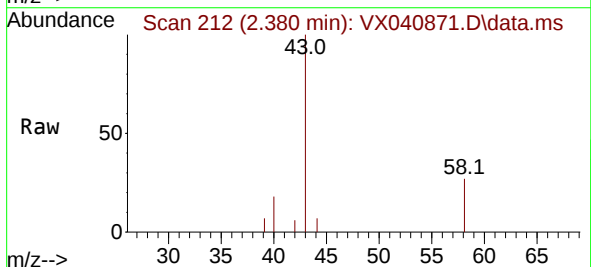
Instrument :  
MSVOA\_X  
ClientSampleId :  
EB01-040224

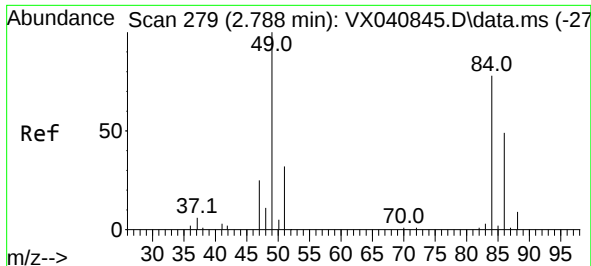
Tgt Ion:168 Resp: 43579  
Ion Ratio Lower Upper  
168 100  
99 60.1 56.6 85.0



#16  
Acetone  
Concen: 6.568 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX040871.D  
Acq: 03 Apr 2024 14:01

Tgt Ion: 43 Resp: 1994  
Ion Ratio Lower Upper  
43 100  
58 27.1 21.9 32.9



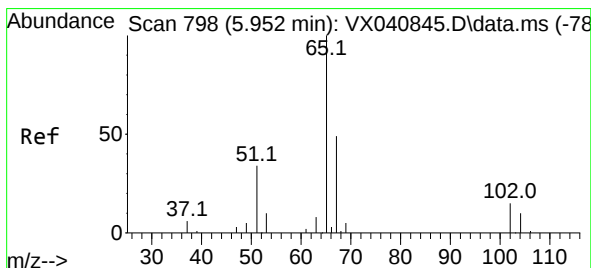
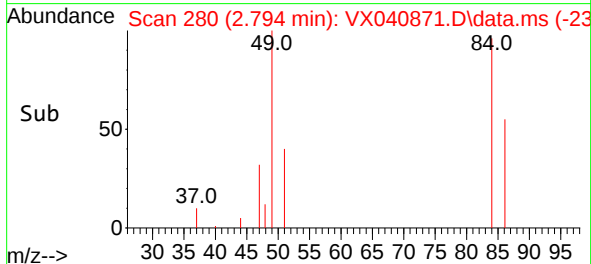
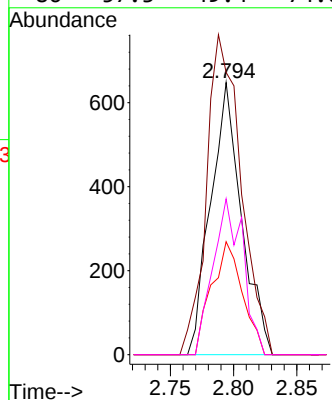
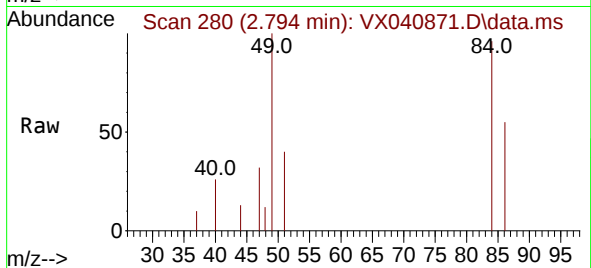


#20  
Methylene Chloride  
Concen: 1.959 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX040871.D  
Acq: 03 Apr 2024 14:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
EB01-040224

Tgt Ion: 84 Resp: 1102

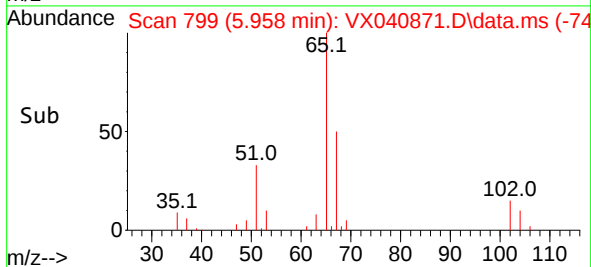
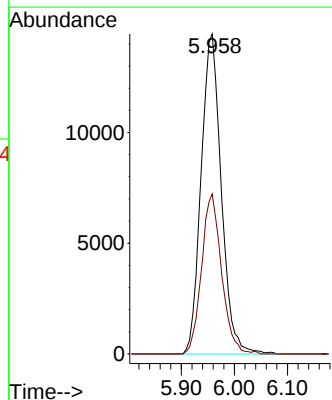
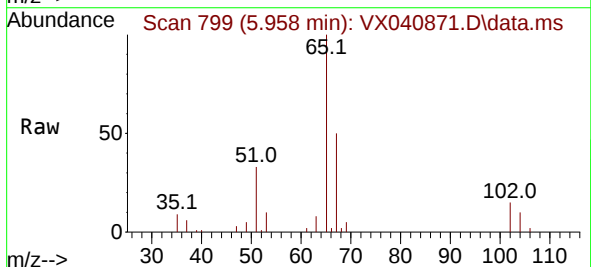
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 103.7 | 103.6 | 155.4 |
| 51  | 41.5  | 33.8  | 50.6  |
| 86  | 57.3  | 49.4  | 74.0  |

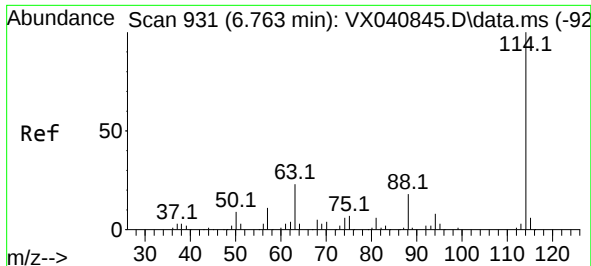


#33  
1,2-Dichloroethane-d4  
Concen: 48.810 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX040871.D  
Acq: 03 Apr 2024 14:01

Tgt Ion: 65 Resp: 38166

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 49.6  | 0.0   | 100.2 |

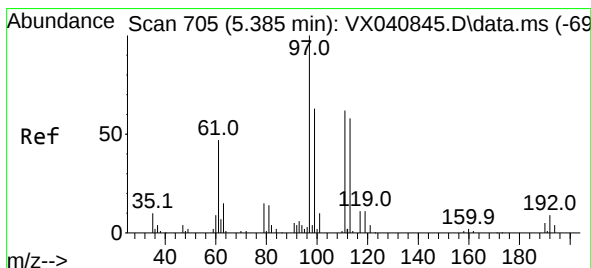
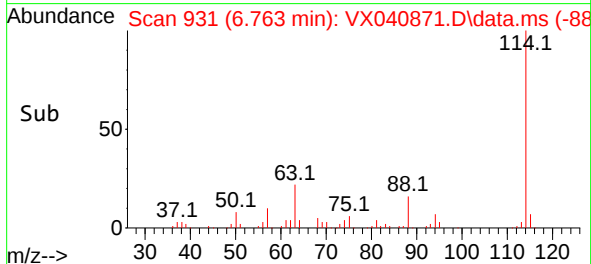
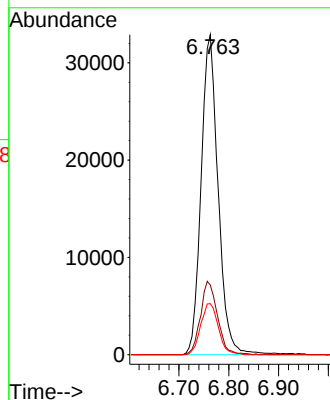
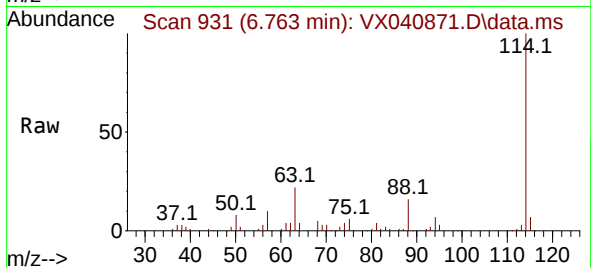




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX040871.D  
Acq: 03 Apr 2024 14:01

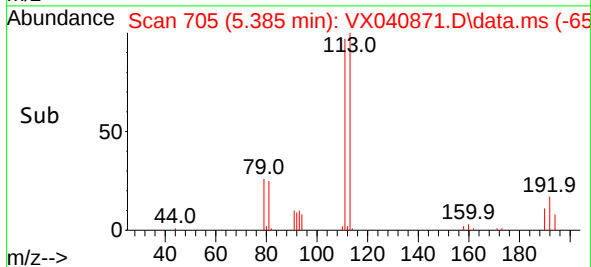
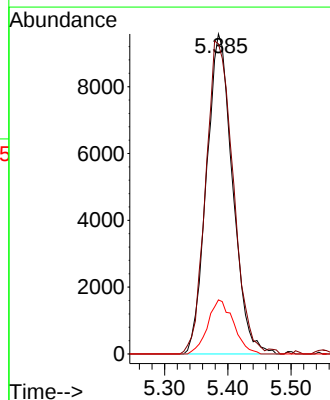
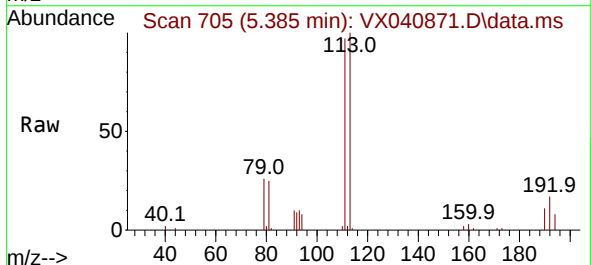
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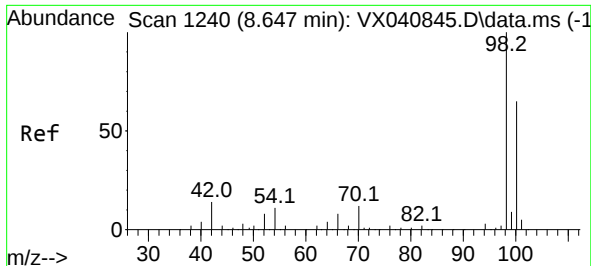
Tgt Ion:114 Resp: 77910  
Ion Ratio Lower Upper  
114 100  
63 21.8 0.0 45.0  
88 16.0 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 49.661 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX040871.D  
Acq: 03 Apr 2024 14:01

Tgt Ion:113 Resp: 27405  
Ion Ratio Lower Upper  
113 100  
111 103.2 82.9 124.3  
192 16.7 13.3 19.9

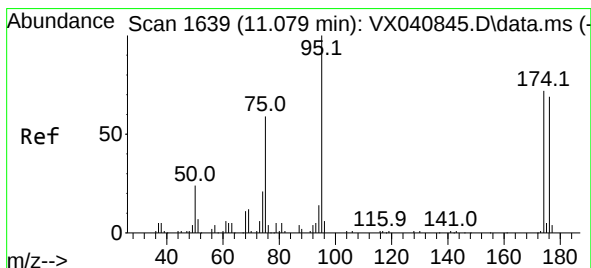
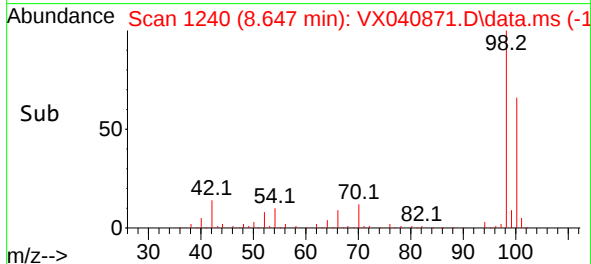
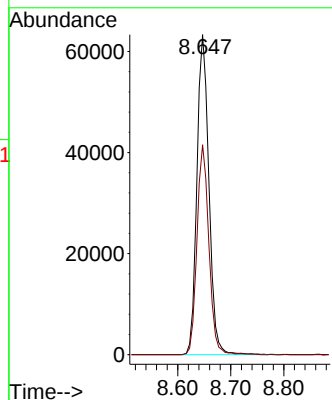
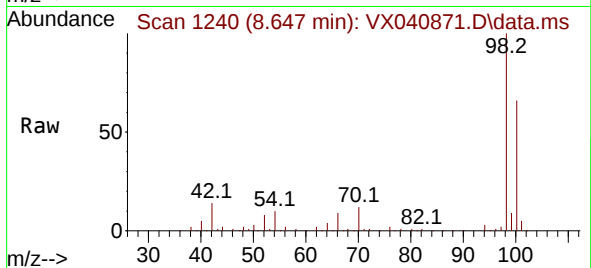




#50  
Toluene-d8  
Concen: 49.695 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX040871.D  
Acq: 03 Apr 2024 14:01

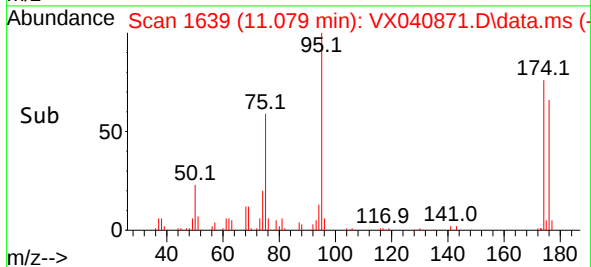
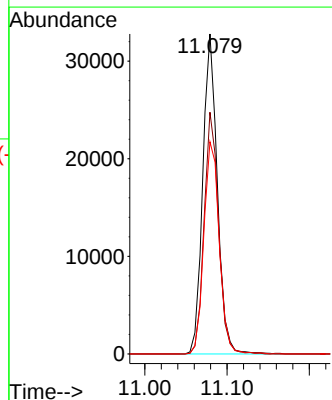
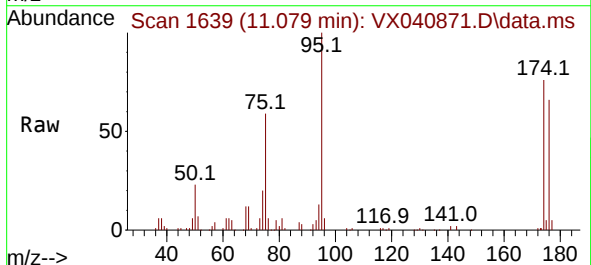
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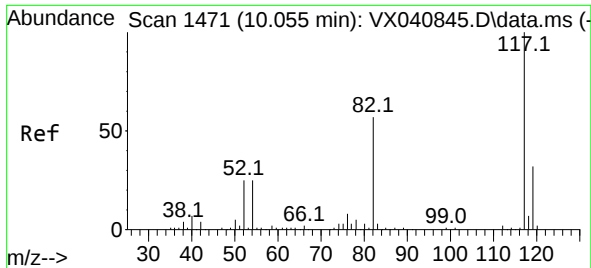
Tgt Ion: 98 Resp: 99094  
Ion Ratio Lower Upper  
98 100  
100 65.2 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 50.612 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040871.D  
Acq: 03 Apr 2024 14:01

Tgt Ion: 95 Resp: 40303  
Ion Ratio Lower Upper  
95 100  
174 74.8 0.0 135.6  
176 70.3 0.0 131.0

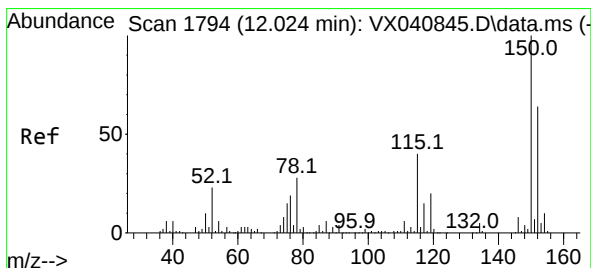
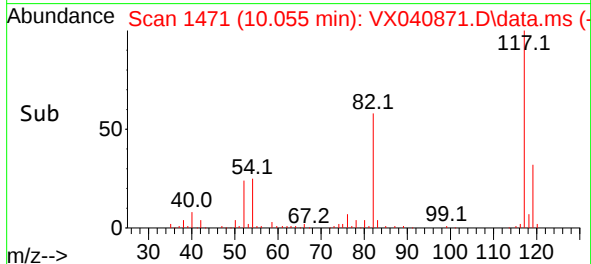
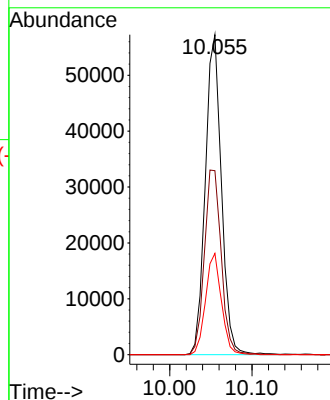
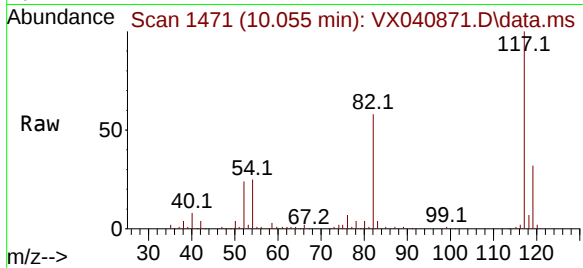




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX040871.D  
Acq: 03 Apr 2024 14:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
EB01-040224

Tgt Ion:117 Resp: 78027  
Ion Ratio Lower Upper  
117 100  
82 57.5 46.2 69.4  
119 31.7 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VX040871.D  
Acq: 03 Apr 2024 14:01

Tgt Ion:152 Resp: 40025  
Ion Ratio Lower Upper  
152 100  
115 65.3 43.3 129.9  
150 158.1 0.0 345.0

