

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020122\  
 Data File : VX026710.D  
 Acq On : 01 Feb 2022 16:30  
 Operator : JC/MD  
 Sample : PB142403ZHE#03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB142403ZHE#03

Quant Time: Feb 02 04:36:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 11 14:45:13 2022  
 Response via : Initial Calibration

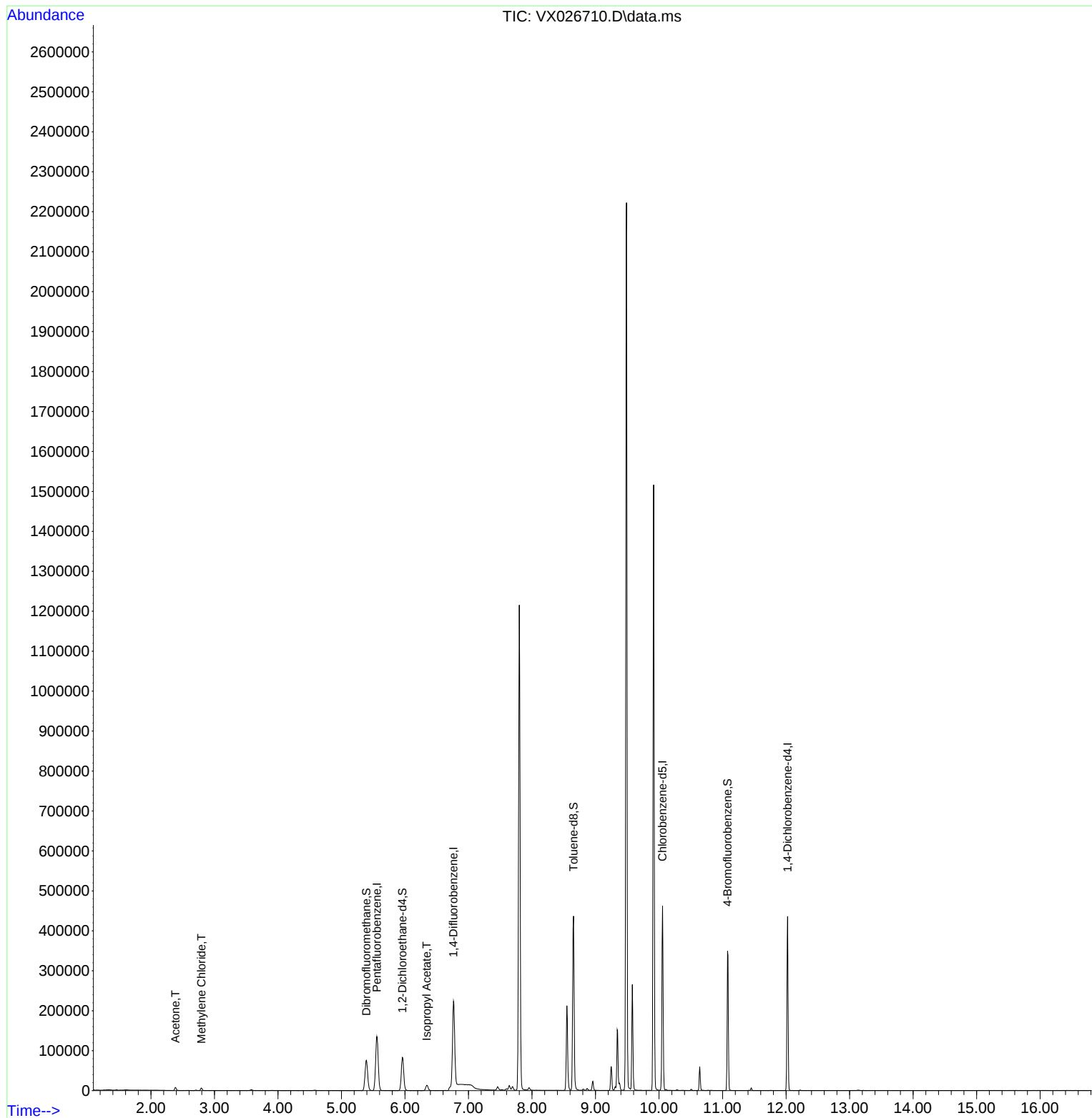
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 130078   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 218938   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 200082   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 90075    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 81630    | 44.923   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 89.840%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 67240    | 47.559   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 95.120%  |
| 50) Toluene-d8              | 8.653  | 98    | 259087   | 50.853   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 101.700% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 96868    | 53.522   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 107.040% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 9319     | 10.057   | ug/l   | 98       |
| 20) Methylene Chloride      | 2.794  | 84    | 2946     | 1.924    | ug/l   | 98       |
| 43) Isopropyl Acetate       | 6.342  | 43    | 19438    | 5.330    | ug/l   | 100      |
| -----                       |        |       |          |          |        |          |

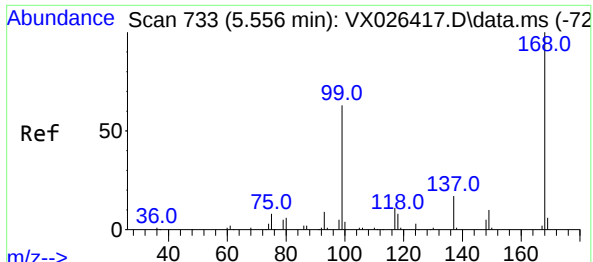
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB142403ZHE#03  
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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Quant Time: Feb 02 04:36:33 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 11 14:45:13 2022  
Response via : Initial Calibration

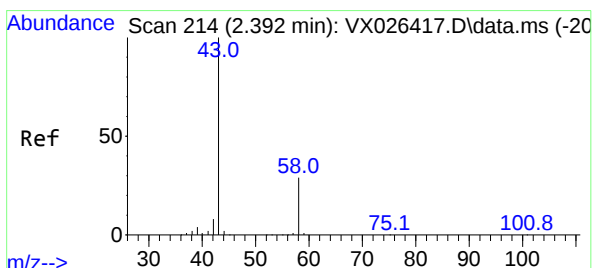
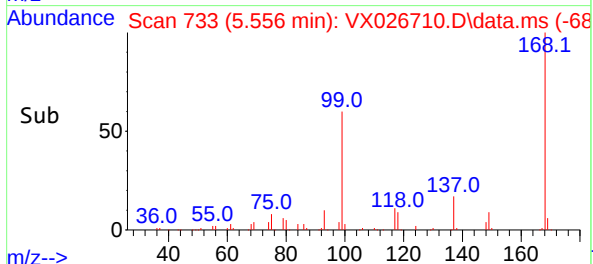
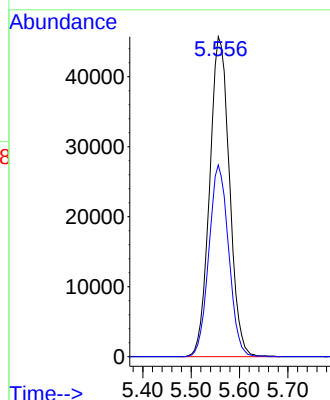
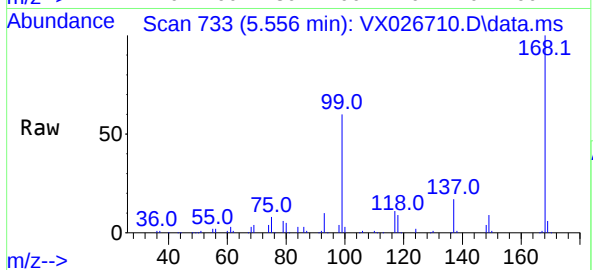




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX026710.D  
Acq: 01 Feb 2022 16:30

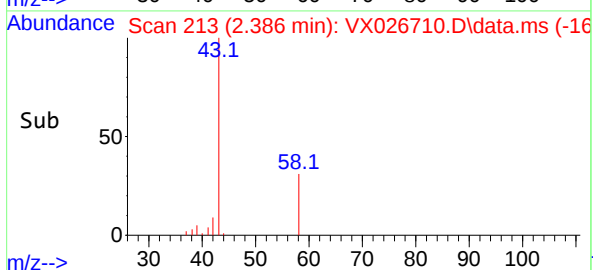
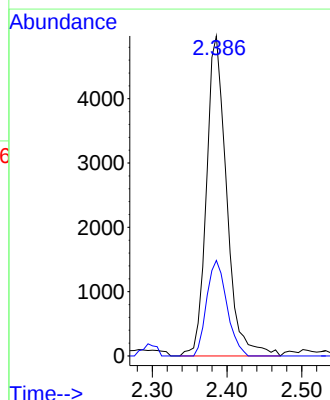
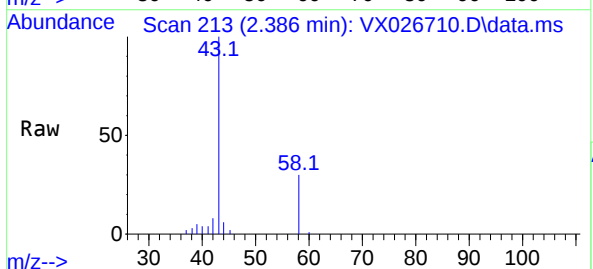
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142403ZHE#03

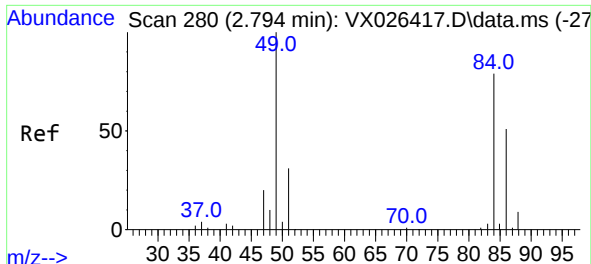
Tgt Ion:168 Resp: 130078  
Ion Ratio Lower Upper  
168 100  
99 59.9 50.3 75.5



#16  
Acetone  
Concen: 10.057 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX026710.D  
Acq: 01 Feb 2022 16:30

Tgt Ion: 43 Resp: 9319  
Ion Ratio Lower Upper  
43 100  
58 29.9 23.0 34.6



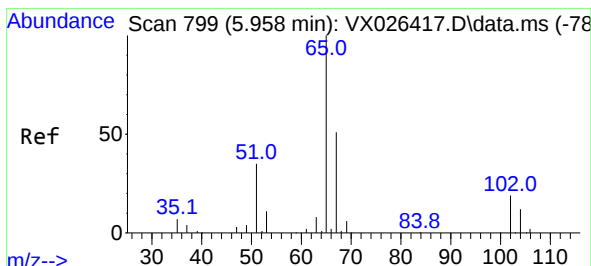
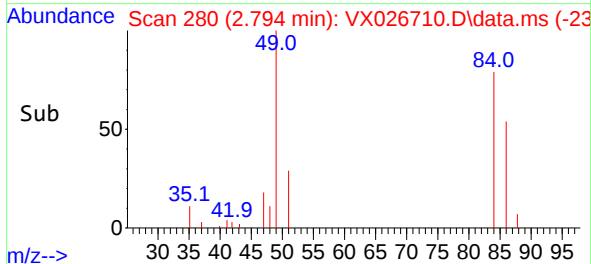
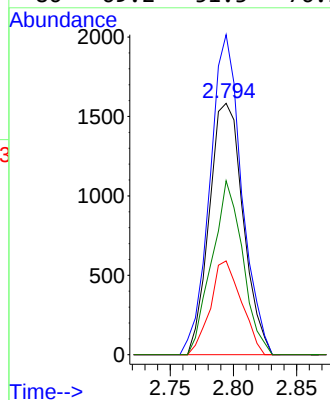
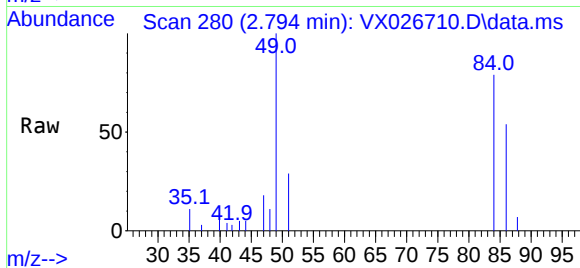


#20  
Methylene Chloride  
Concen: 1.924 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX026710.D  
Acq: 01 Feb 2022 16:30

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142403ZHE#03

Tgt Ion: 84 Resp: 2946

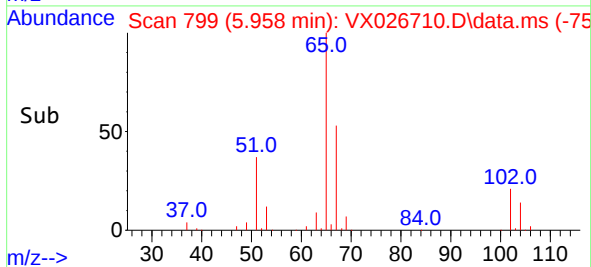
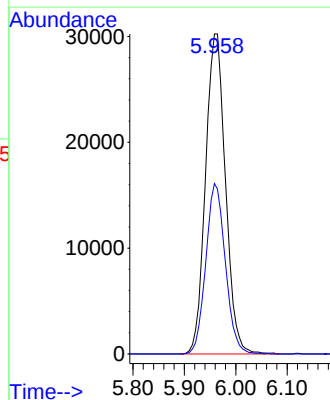
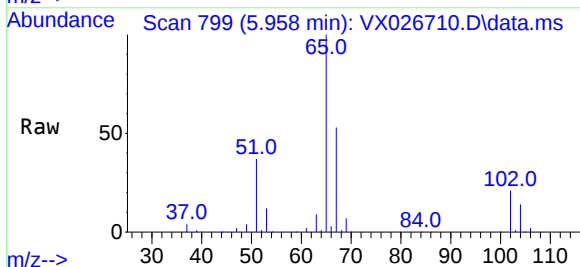
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 127.3 | 101.5 | 152.3 |
| 51  | 37.3  | 31.2  | 46.8  |
| 86  | 69.2  | 51.3  | 76.9  |

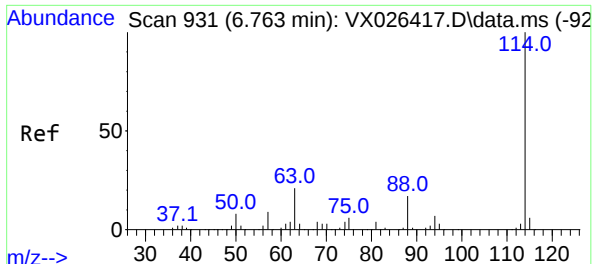


#33  
1,2-Dichloroethane-d4  
Concen: 44.923 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX026710.D  
Acq: 01 Feb 2022 16:30

Tgt Ion: 65 Resp: 81630

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.1  | 0.0   | 100.8 |

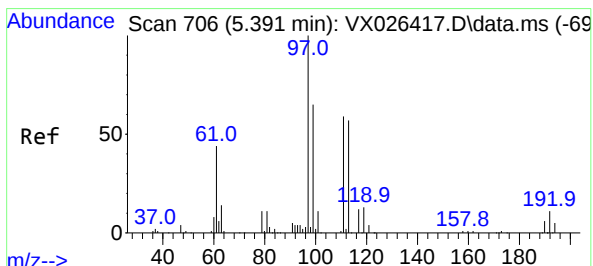
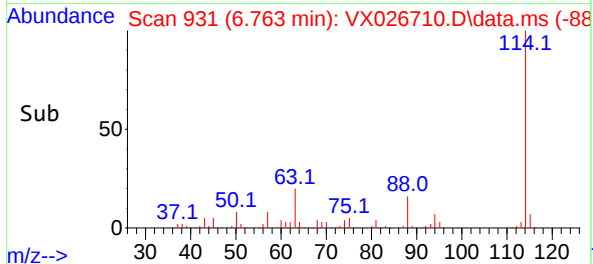
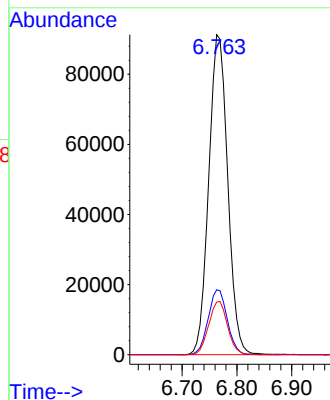
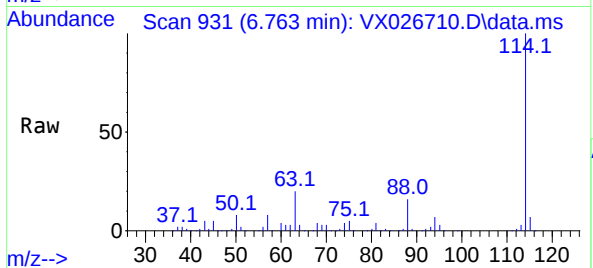




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX026710.D  
Acq: 01 Feb 2022 16:30

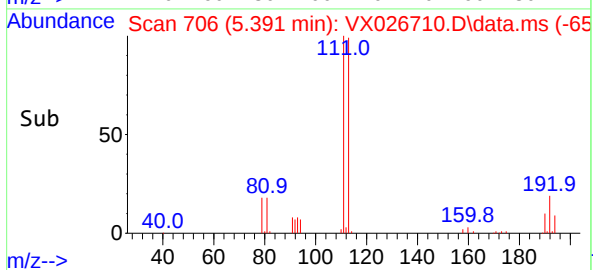
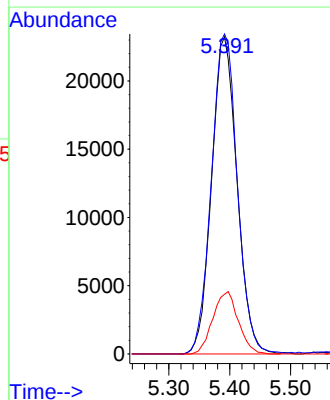
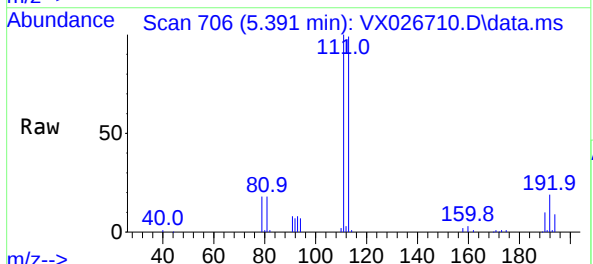
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142403ZHE#03

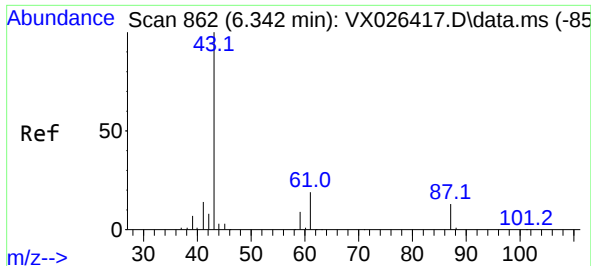
Tgt Ion:114 Resp: 218938  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 42.8  
88 16.4 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 47.559 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX026710.D  
Acq: 01 Feb 2022 16:30

Tgt Ion:113 Resp: 67240  
Ion Ratio Lower Upper  
113 100  
111 103.1 81.2 121.8  
192 19.6 15.0 22.4

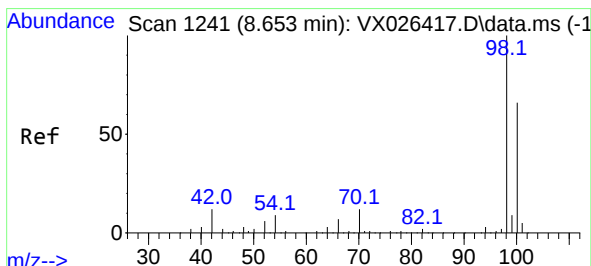
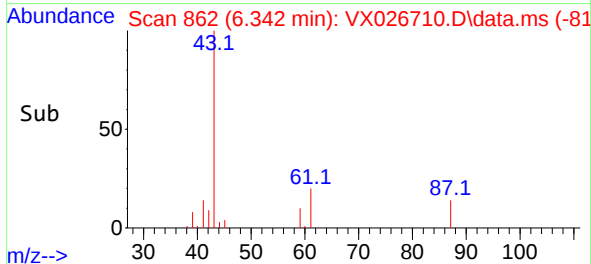
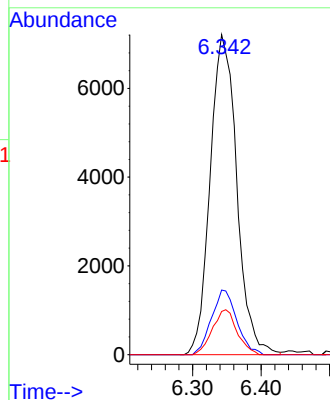
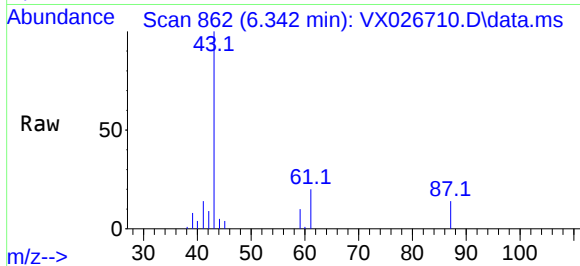




#43  
Isopropyl Acetate  
Concen: 5.330 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX026710.D  
Acq: 01 Feb 2022 16:30

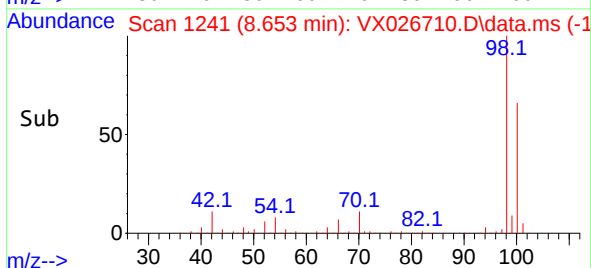
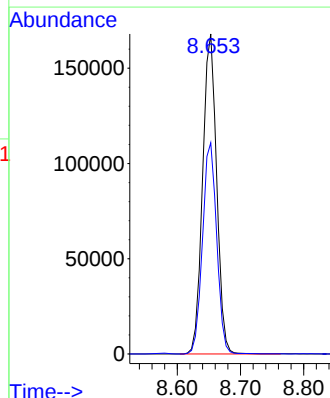
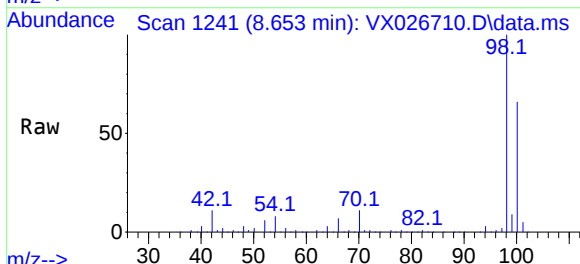
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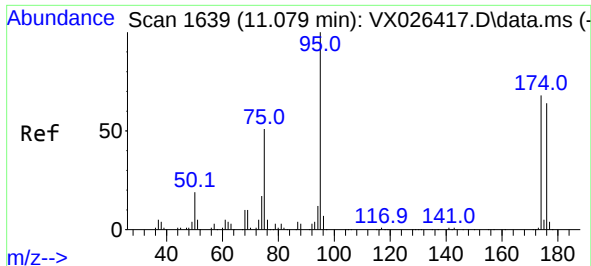
Tgt Ion: 43 Resp: 19438  
Ion Ratio Lower Upper  
43 100  
61 19.3 15.4 23.0  
87 13.1 10.2 15.2



#50  
Toluene-d8  
Concen: 50.853 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX026710.D  
Acq: 01 Feb 2022 16:30

Tgt Ion: 98 Resp: 259087  
Ion Ratio Lower Upper  
98 100  
100 66.7 53.2 79.8

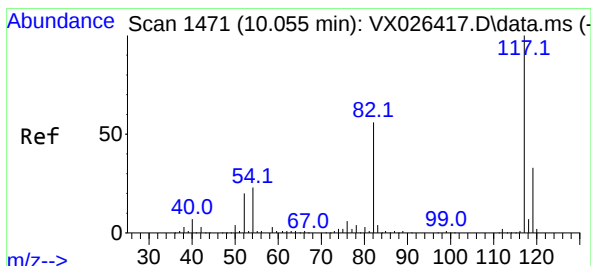
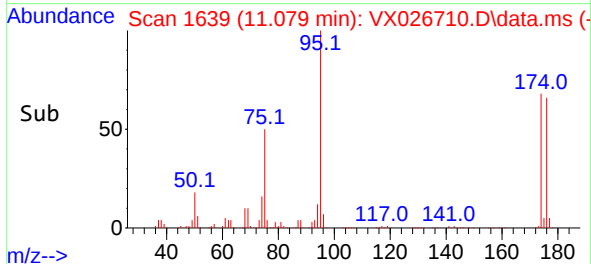
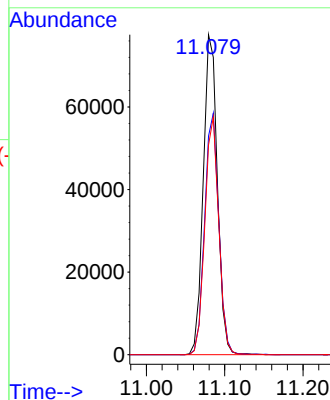
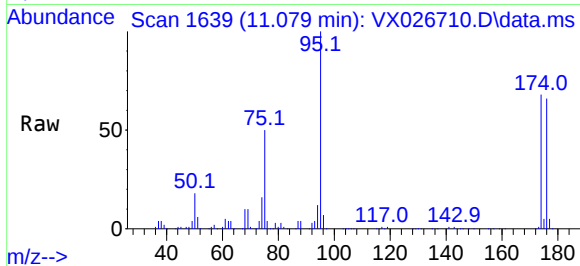




#62  
4-Bromofluorobenzene  
Concen: 53.522 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX026710.D  
Acq: 01 Feb 2022 16:30

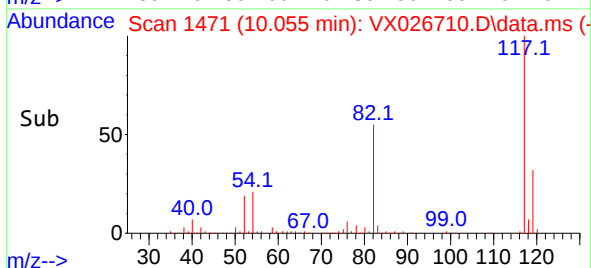
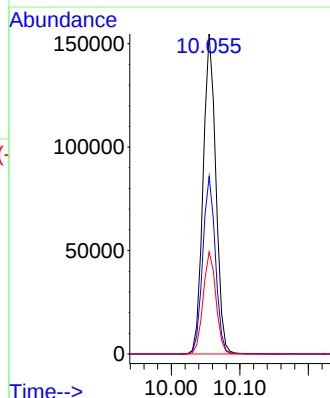
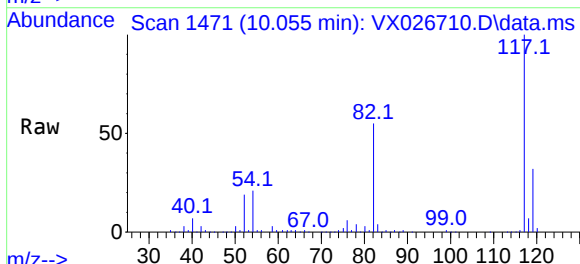
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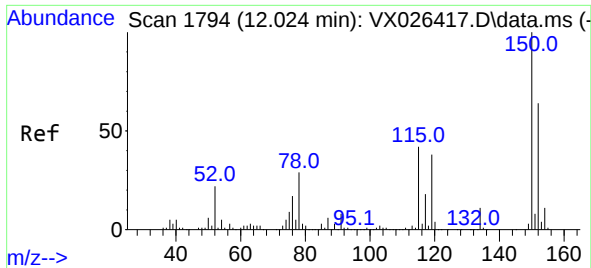
Tgt Ion: 95 Resp: 96868  
Ion Ratio Lower Upper  
95 100  
174 75.8 0.0 148.6  
176 73.4 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026710.D  
Acq: 01 Feb 2022 16:30

Tgt Ion: 117 Resp: 200082  
Ion Ratio Lower Upper  
117 100  
82 55.4 45.2 67.8  
119 31.9 26.2 39.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX026710.D  
 Acq: 01 Feb 2022 16:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Tgt Ion:152 Resp: 90075  
 Ion Ratio Lower Upper  
 152 100  
 115 60.1 44.2 132.6  
 150 156.8 0.0 348.2

