

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012722\  
 Data File : VX026594.D  
 Acq On : 26 Jan 2022 15:06  
 Operator : JC/MD  
 Sample : PB142265ZHE#04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB142265ZHE#04

Quant Time: Jan 26 15:35:55 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

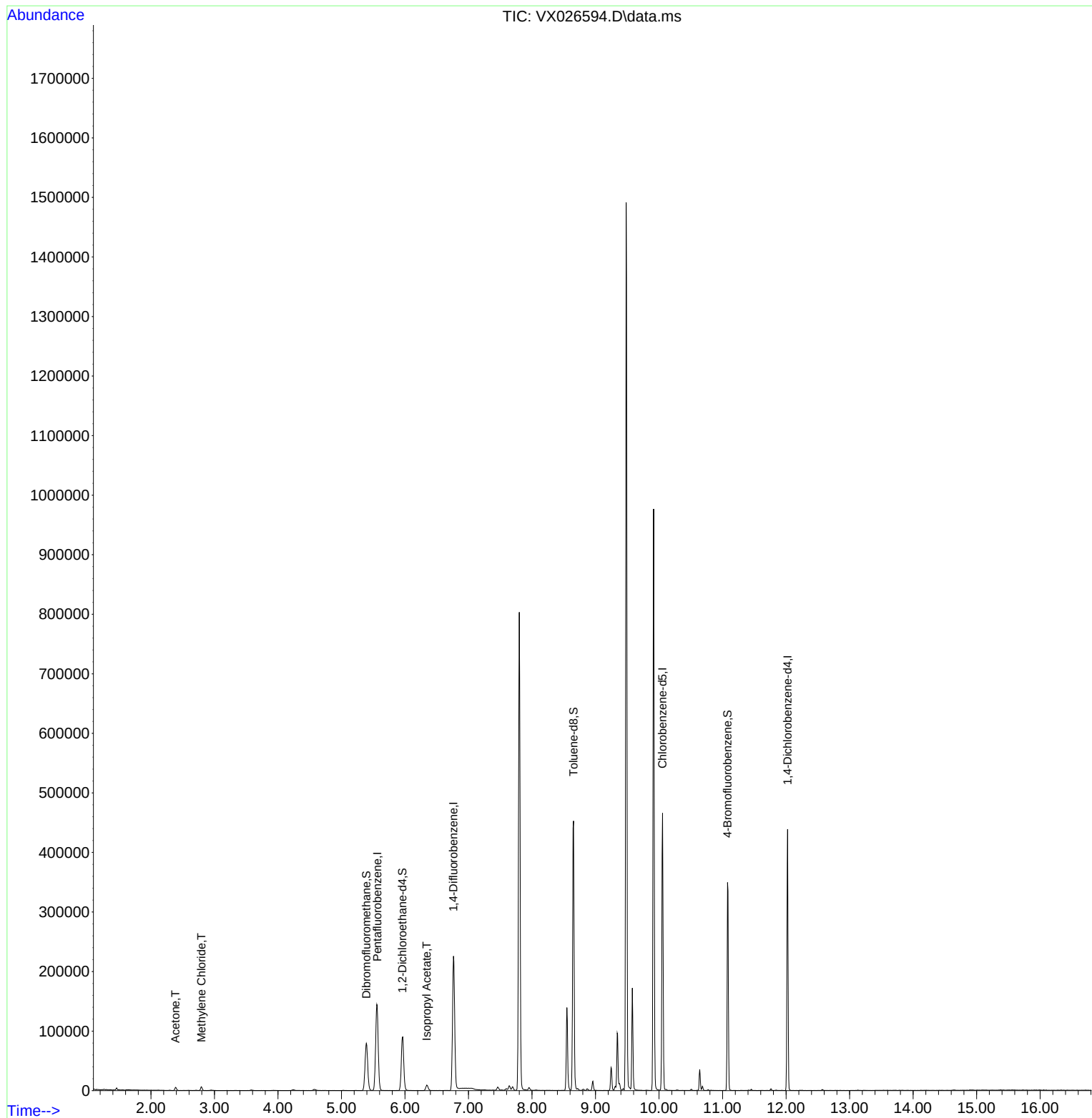
| Compound                    | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|-------|----------|
| -----                       |                |      |            |          |       |          |
| Internal Standards          |                |      |            |          |       |          |
| 1) Pentafluorobenzene       | 5.562          | 168  | 136516     | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 227776     | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 205247     | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 86230      | 50.000   | ug/l  | 0.00     |
|                             |                |      |            |          |       |          |
| System Monitoring Compounds |                |      |            |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 89394      | 46.876   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 93.760%  |       |          |
| 35) Dibromofluoromethane    | 5.391          | 113  | 70686      | 48.056   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 96.120%  |       |          |
| 50) Toluene-d8              | 8.653          | 98   | 270089     | 50.955   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 101.920% |       |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 98215      | 52.160   | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 104.320% |       |          |
|                             |                |      |            |          |       |          |
| Target Compounds            |                |      |            |          |       |          |
| 16) Acetone                 | 2.386          | 43   | 6250       | 6.427    | ug/l  | 90       |
| 20) Methylene Chloride      | 2.794          | 84   | 2641       | 1.644    | ug/l  | 92       |
| 43) Isopropyl Acetate       | 6.342          | 43   | 12790      | 3.371    | ug/l  | 99       |
| -----                       |                |      |            |          |       |          |

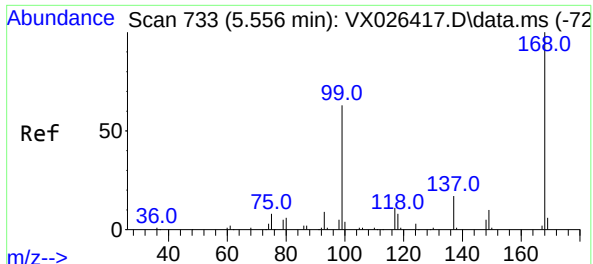
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Tue Jan 11 14:45:13 2022  
Response via : Initial Calibration

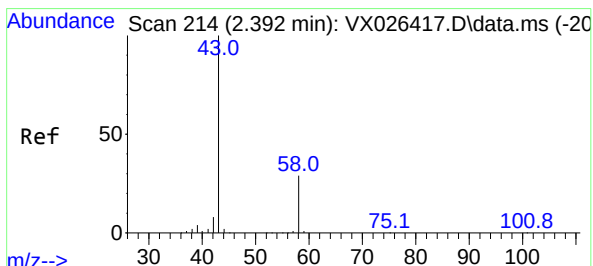
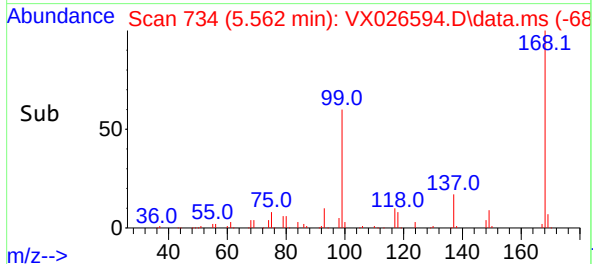
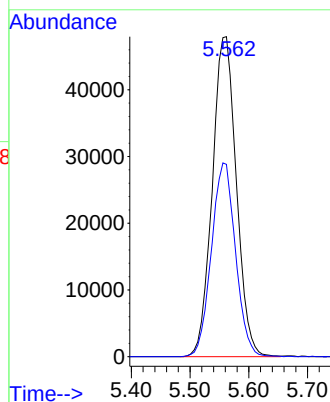
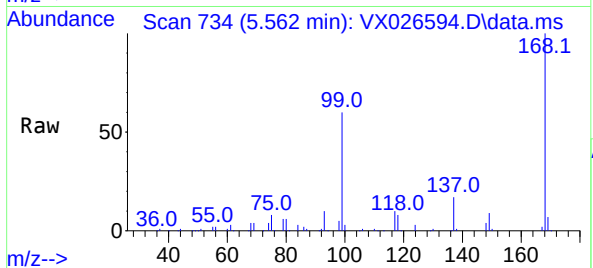




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX026594.D  
Acq: 26 Jan 2022 15:06

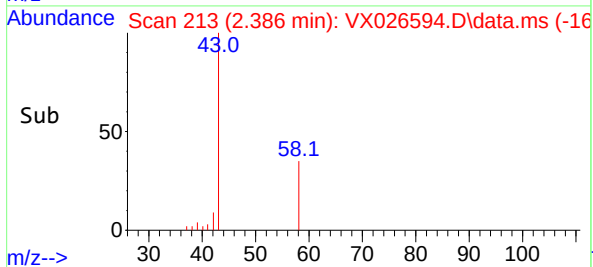
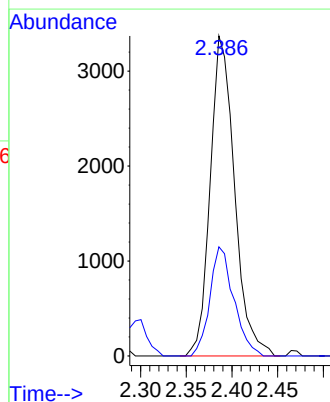
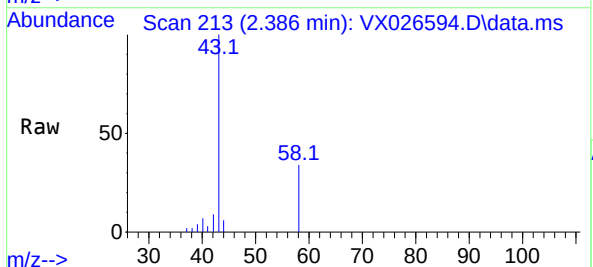
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142265ZHE#04

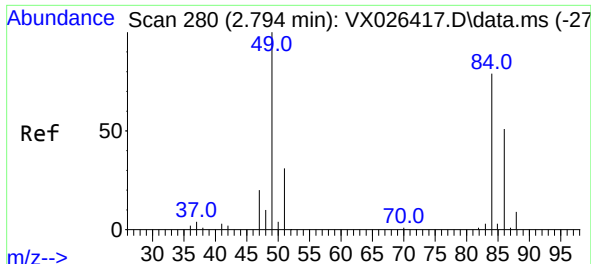
Tgt Ion:168 Resp: 136516  
Ion Ratio Lower Upper  
168 100  
99 60.1 50.3 75.5



#16  
Acetone  
Concen: 6.427 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX026594.D  
Acq: 26 Jan 2022 15:06

Tgt Ion: 43 Resp: 6250  
Ion Ratio Lower Upper  
43 100  
58 34.1 23.0 34.6



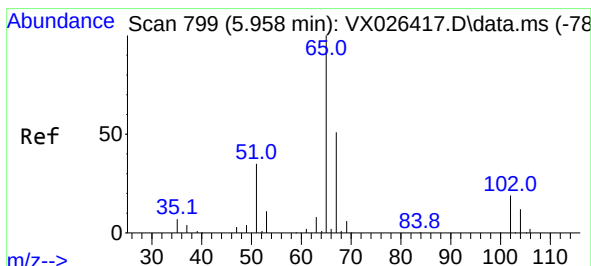
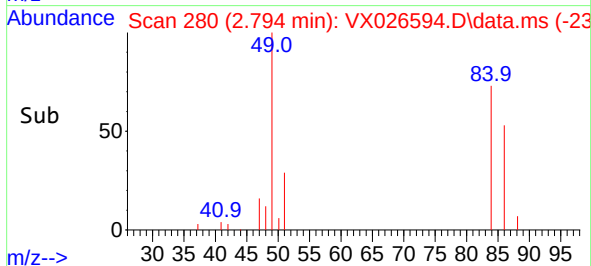
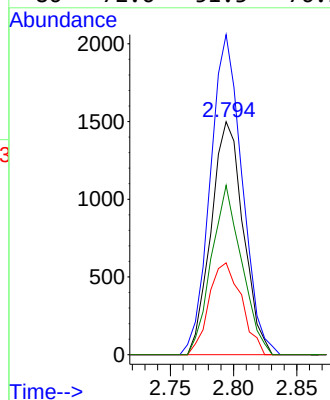
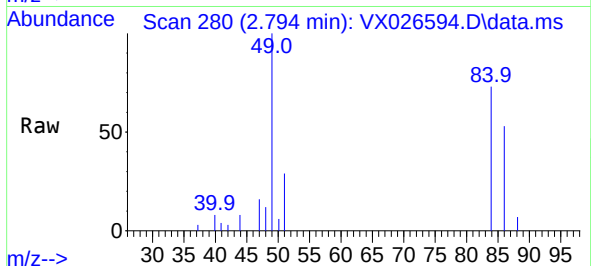


#20  
Methylene Chloride  
Concen: 1.644 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX026594.D  
Acq: 26 Jan 2022 15:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142265ZHE#04

Tgt Ion: 84 Resp: 2641

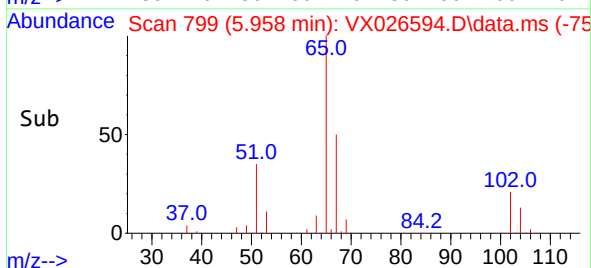
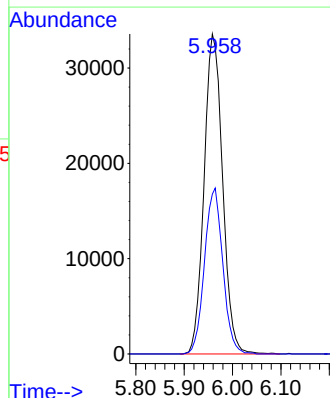
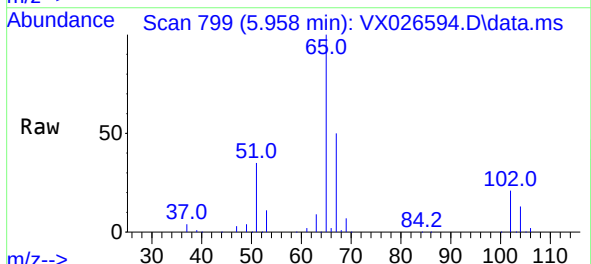
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 137.4 | 101.5 | 152.3 |
| 51  | 39.4  | 31.2  | 46.8  |
| 86  | 72.6  | 51.3  | 76.9  |

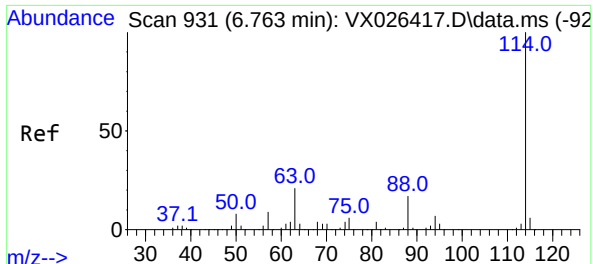


#33  
1,2-Dichloroethane-d4  
Concen: 46.876 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX026594.D  
Acq: 26 Jan 2022 15:06

Tgt Ion: 65 Resp: 89394

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 51.3  | 0.0   | 100.8 |

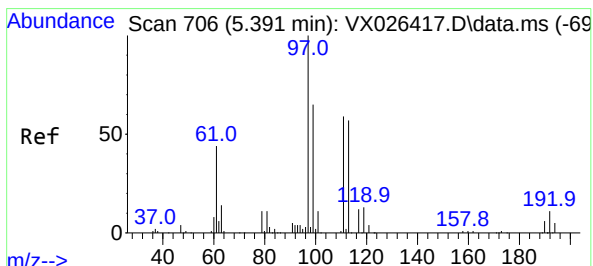
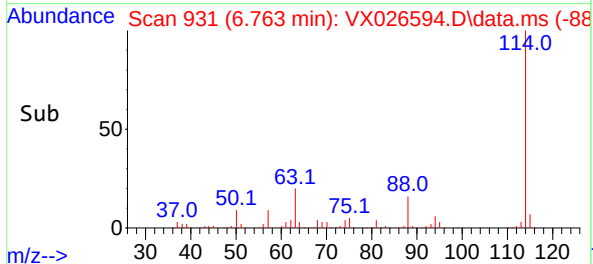
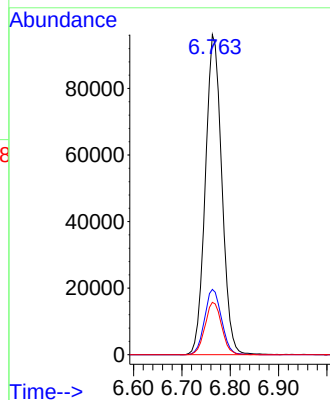
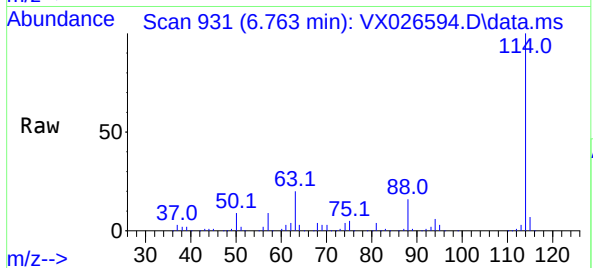




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX026594.D  
Acq: 26 Jan 2022 15:06

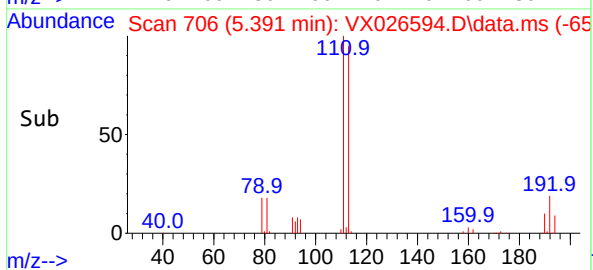
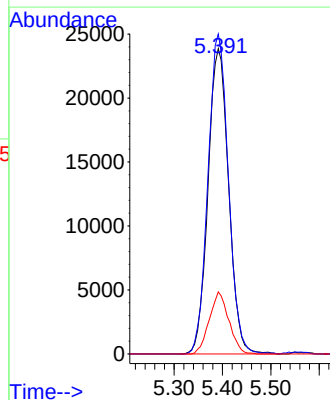
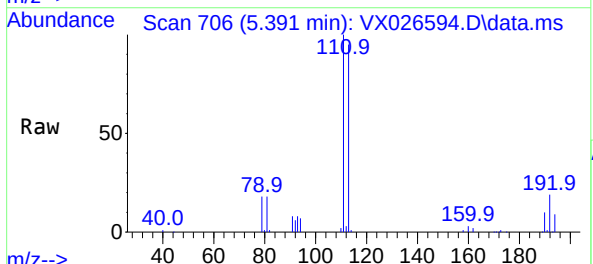
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142265ZHE#04

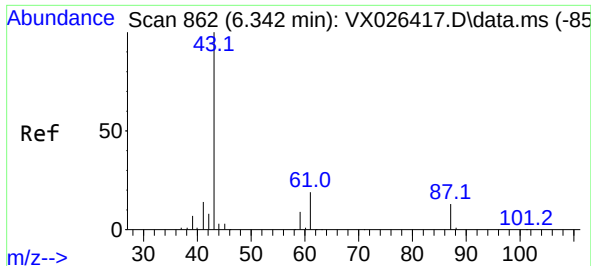
Tgt Ion:114 Resp: 227776  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 42.8  
88 16.4 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 48.056 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX026594.D  
Acq: 26 Jan 2022 15:06

Tgt Ion:113 Resp: 70686  
Ion Ratio Lower Upper  
113 100  
111 103.8 81.2 121.8  
192 19.2 15.0 22.4

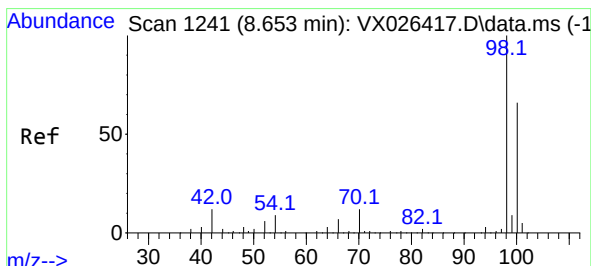
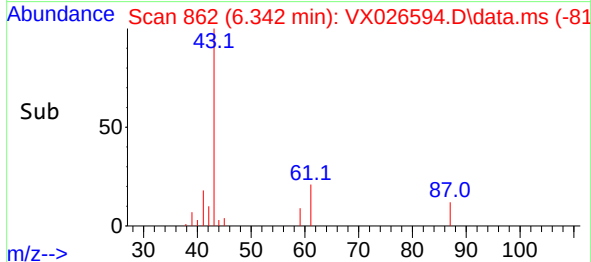
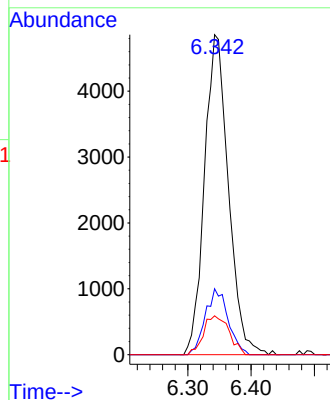
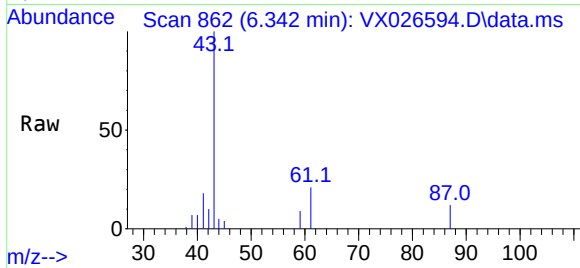




#43  
Isopropyl Acetate  
Concen: 3.371 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX026594.D  
Acq: 26 Jan 2022 15:06

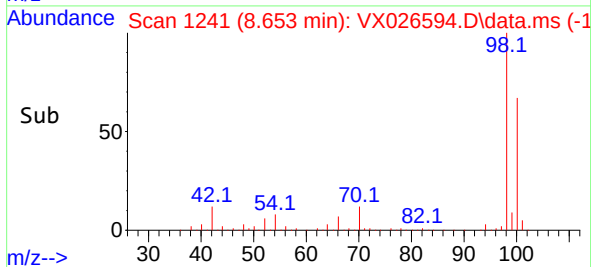
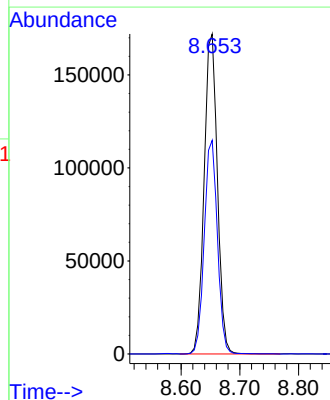
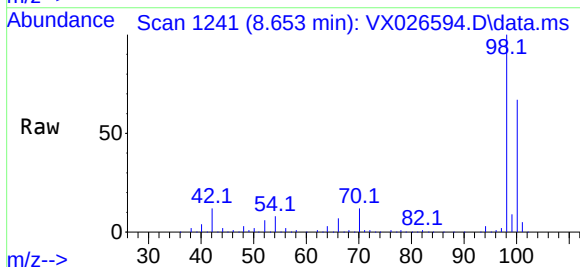
Instrument :  
MSVOA\_X  
ClientSampleId :  
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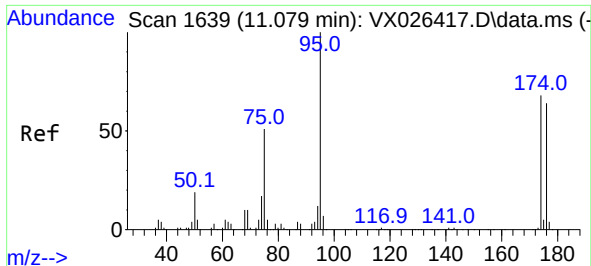
Tgt Ion: 43 Resp: 12790  
Ion Ratio Lower Upper  
43 100  
61 19.6 15.4 23.0  
87 12.9 10.2 15.2



#50  
Toluene-d8  
Concen: 50.955 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX026594.D  
Acq: 26 Jan 2022 15:06

Tgt Ion: 98 Resp: 270089  
Ion Ratio Lower Upper  
98 100  
100 66.2 53.2 79.8

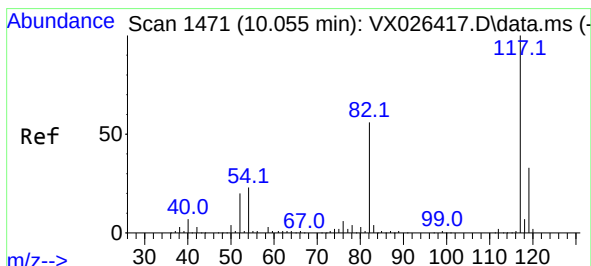
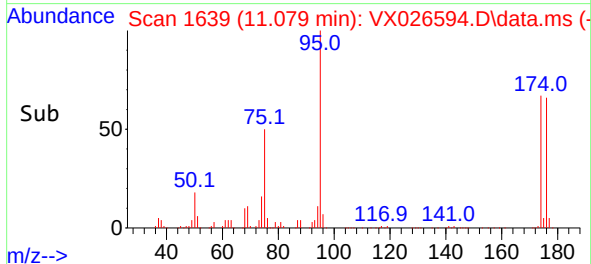
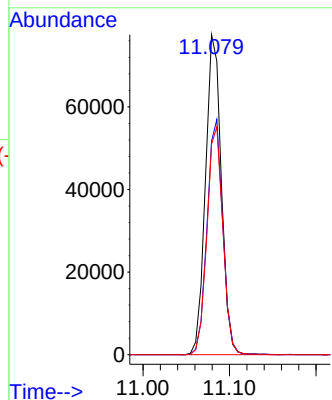
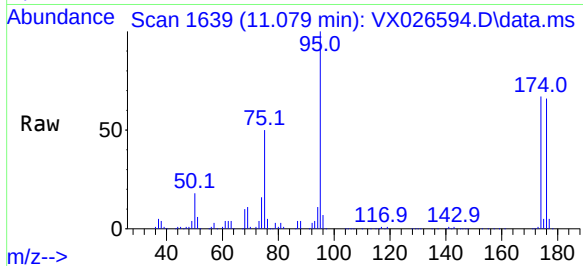




#62  
4-Bromofluorobenzene  
Concen: 52.160 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX026594.D  
Acq: 26 Jan 2022 15:06

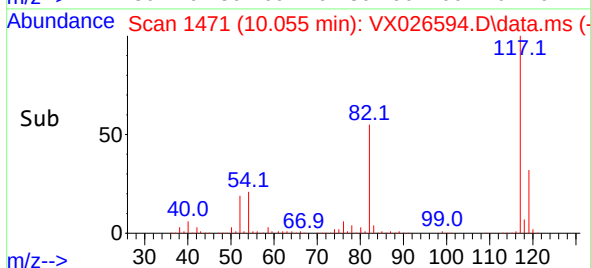
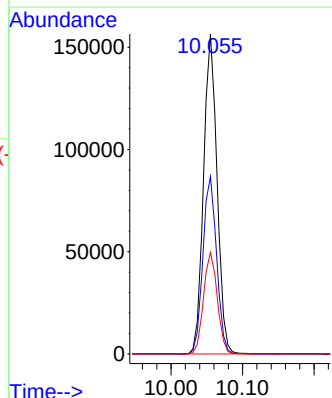
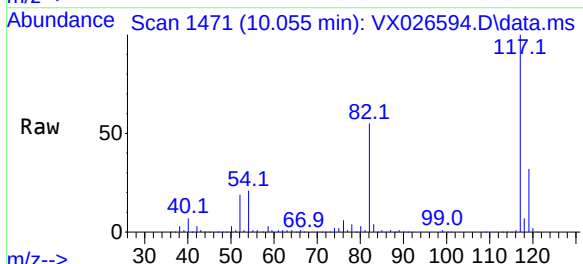
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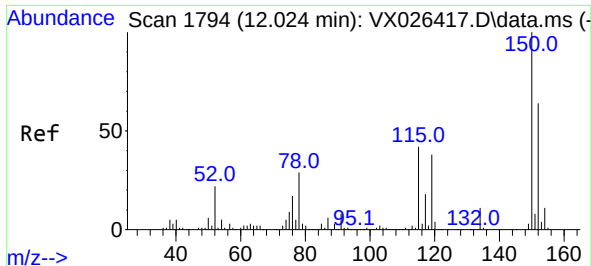
Tgt Ion: 95 Resp: 98215  
Ion Ratio Lower Upper  
95 100  
174 73.0 0.0 148.6  
176 71.4 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026594.D  
Acq: 26 Jan 2022 15:06

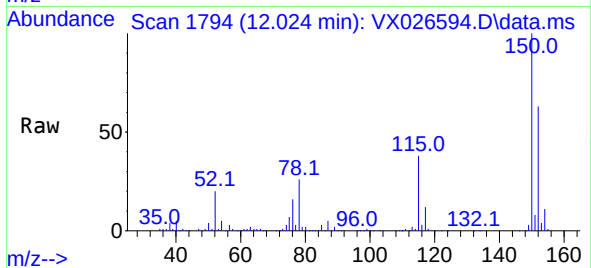
Tgt Ion: 117 Resp: 205247  
Ion Ratio Lower Upper  
117 100  
82 55.4 45.2 67.8  
119 31.8 26.2 39.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX026594.D  
 Acq: 26 Jan 2022 15:06

Instrument :  
 MSVOA\_X  
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Tgt Ion:152 Resp: 86230  
 Ion Ratio Lower Upper  
 152 100  
 115 60.8 44.2 132.6  
 150 155.7 0.0 348.2

