

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070522\  
 Data File : VX029928.D  
 Acq On : 05 Jul 2022 18:13  
 Operator : JC/MD  
 Sample : PB145991ZHE#14  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB145991ZHE#14

Quant Time: Jul 06 06:58:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 05:54:51 2022  
 Response via : Initial Calibration

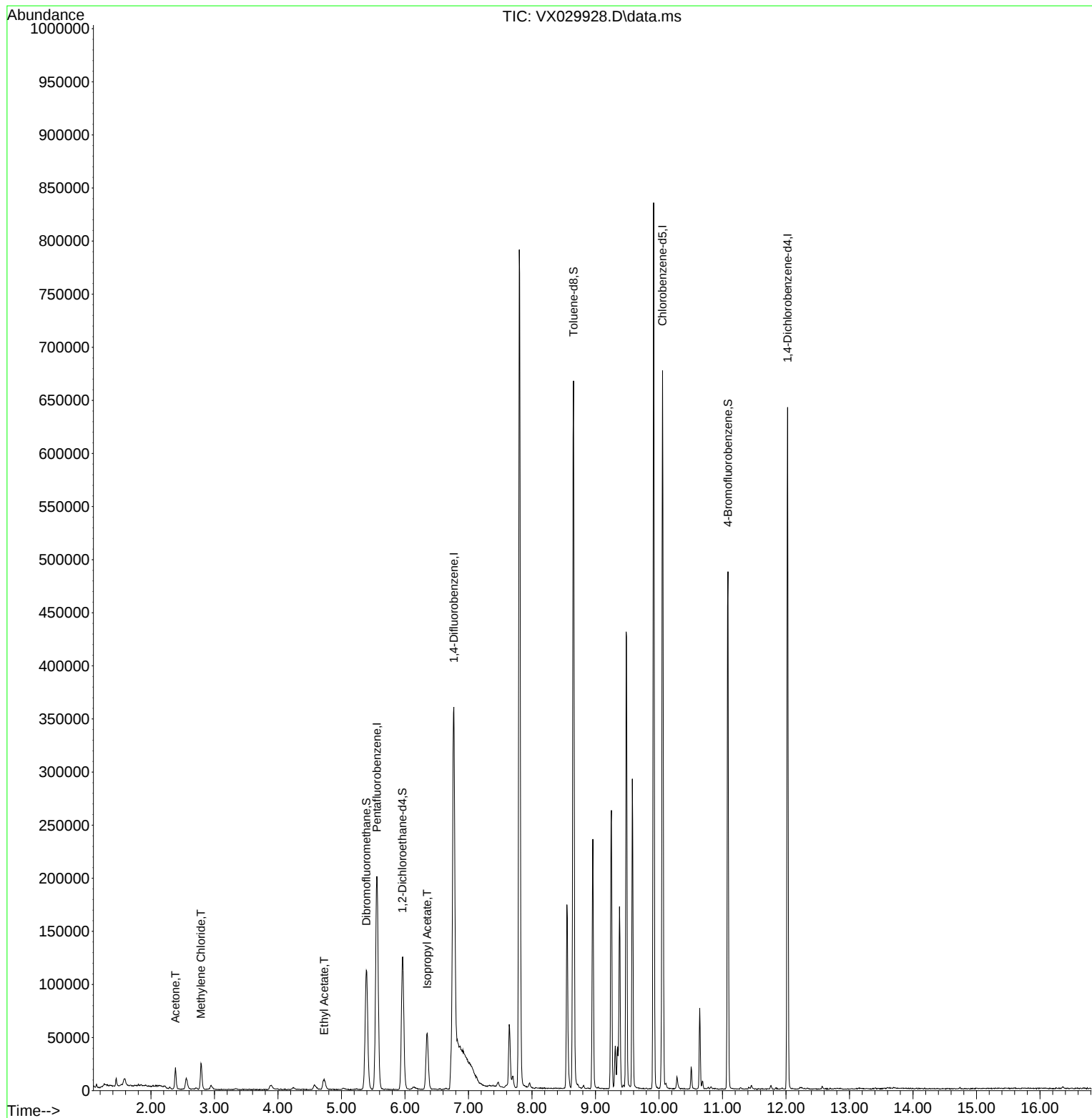
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 204692   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 357063   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 309249   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 131534   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 111847   | 43.167   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 86.340%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 102615   | 45.986   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 91.980%  |
| 50) Toluene-d8              | 8.653  | 98    | 403154   | 48.159   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 96.320%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 133428   | 45.091   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 90.180%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 19827    | 15.641   | ug/l   | 99       |
| 20) Methylene Chloride      | 2.788  | 84    | 10730    | 4.008    | ug/l   | 95       |
| 37) Ethyl Acetate           | 4.727  | 43    | 18578    | 4.577    | ug/l   | 99       |
| 43) Isopropyl Acetate       | 6.348  | 43    | 73943    | 12.097   | ug/l   | 100      |
| -----                       |        |       |          |          |        |          |

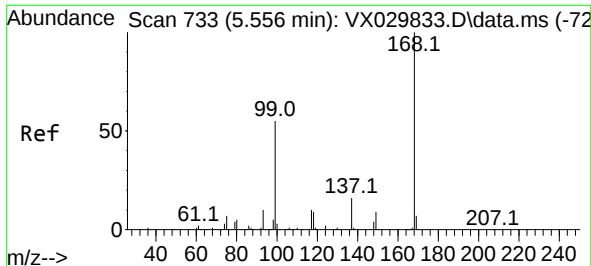
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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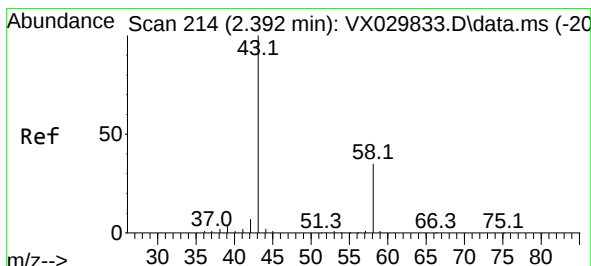
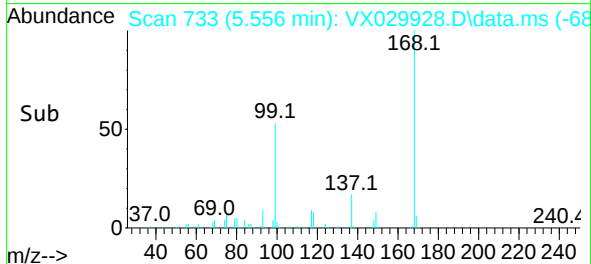
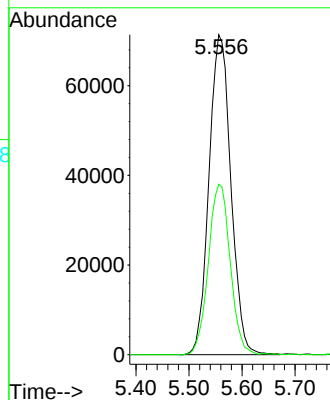
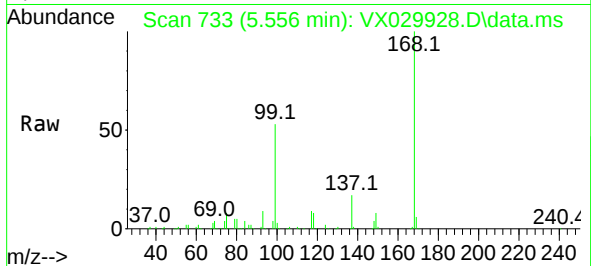




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX029928.D  
Acq: 05 Jul 2022 18:13

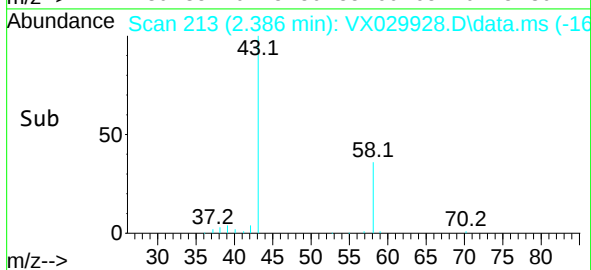
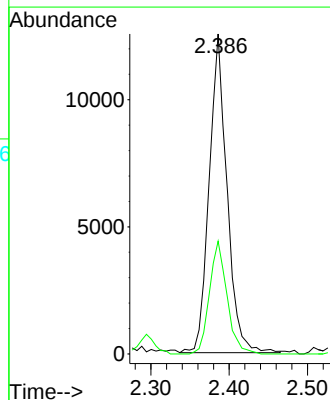
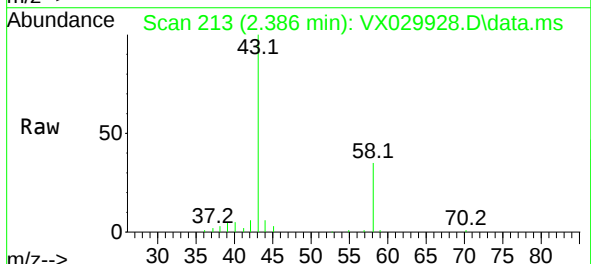
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB145991ZHE#14

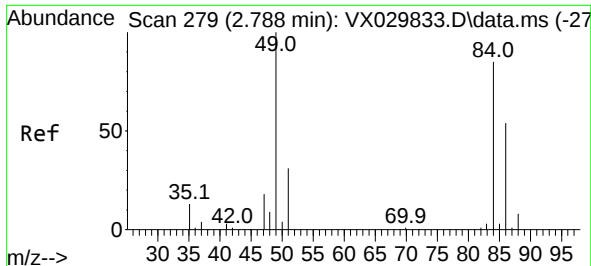
Tgt Ion:168 Resp: 204692  
Ion Ratio Lower Upper  
168 100  
99 53.2 44.0 66.0



#16  
Acetone  
Concen: 15.641 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX029928.D  
Acq: 05 Jul 2022 18:13

Tgt Ion: 43 Resp: 19827  
Ion Ratio Lower Upper  
43 100  
58 35.4 27.7 41.5

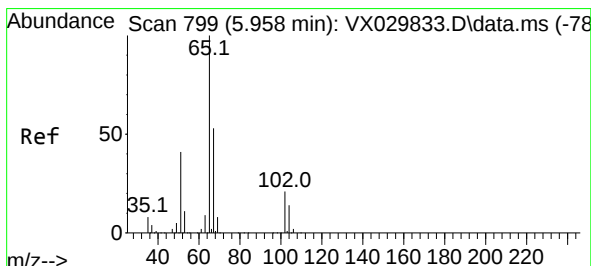
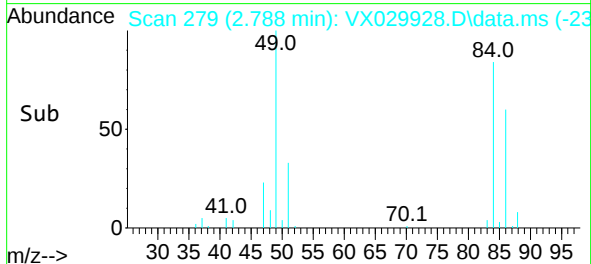
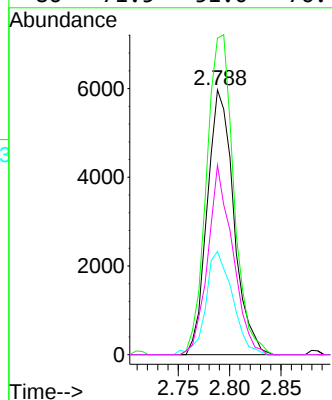
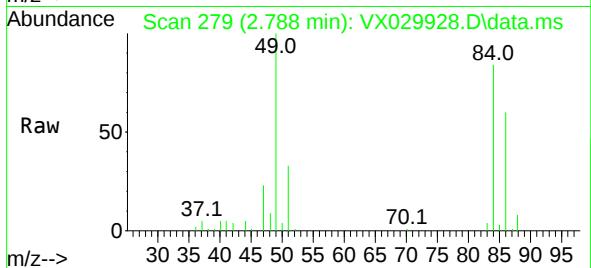




#20  
Methylene Chloride  
Concen: 4.008 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX029928.D  
Acq: 05 Jul 2022 18:13

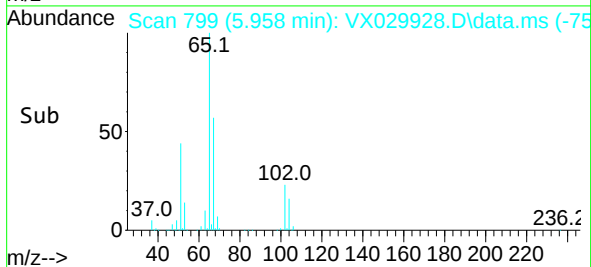
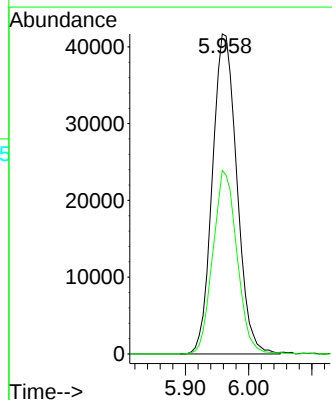
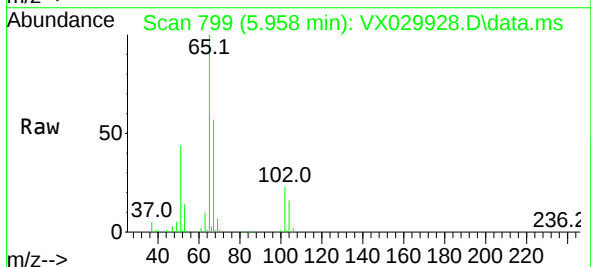
Instrument :  
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PB145991ZHE#14

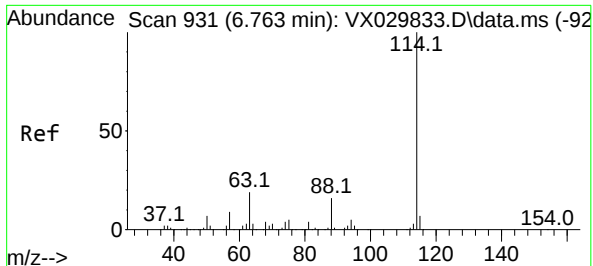
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 10730 |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 119.5    | 93.8 140.6  |
| 51 39.0     | 29.4 44.0   |
| 86 71.5     | 51.0 76.4   |



#33  
1,2-Dichloroethane-d4  
Concen: 43.167 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX029928.D  
Acq: 05 Jul 2022 18:13

|             |              |
|-------------|--------------|
| Tgt Ion: 65 | Resp: 111847 |
| Ion Ratio   | Lower Upper  |
| 65 100      |              |
| 67 56.6     | 0.0 109.6    |

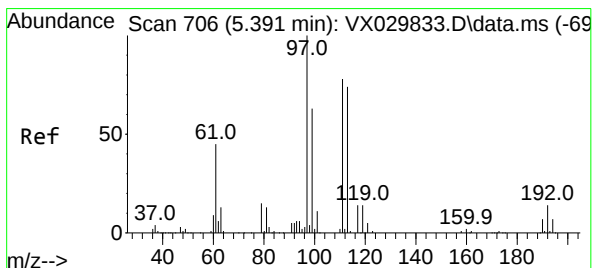
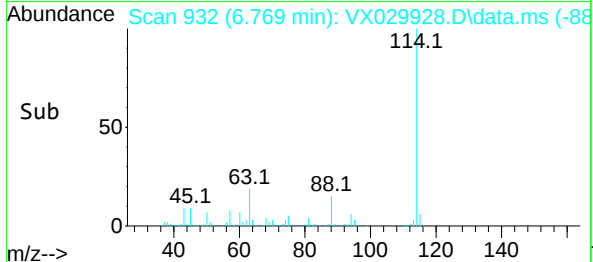
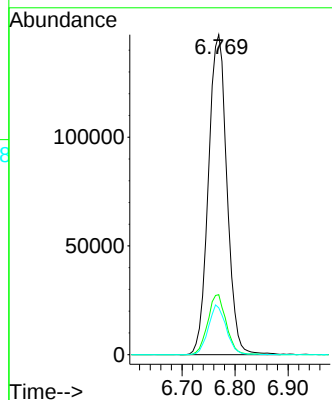
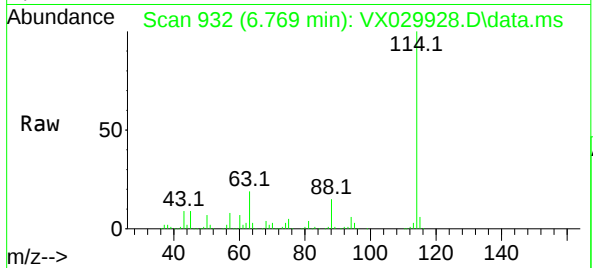




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VX029928.D  
Acq: 05 Jul 2022 18:13

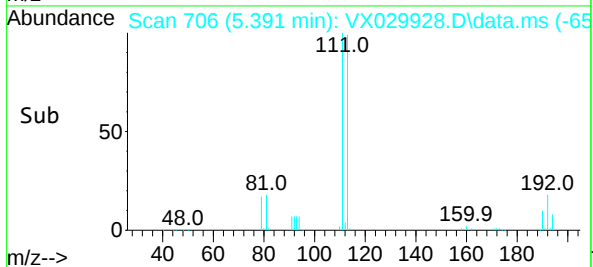
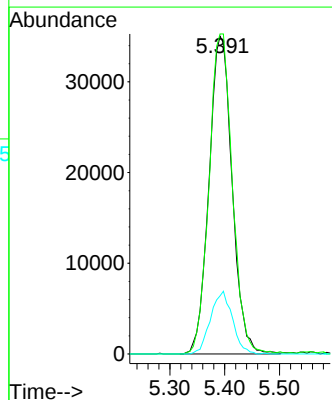
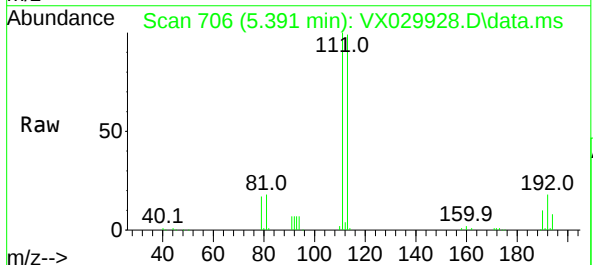
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB145991ZHE#14

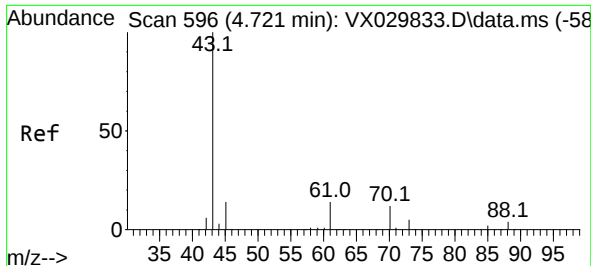
Tgt Ion:114 Resp: 357063  
Ion Ratio Lower Upper  
114 100  
63 18.7 0.0 38.4  
88 14.6 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 45.986 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX029928.D  
Acq: 05 Jul 2022 18:13

Tgt Ion:113 Resp: 102615  
Ion Ratio Lower Upper  
113 100  
111 101.4 83.2 124.8  
192 18.6 14.8 22.2

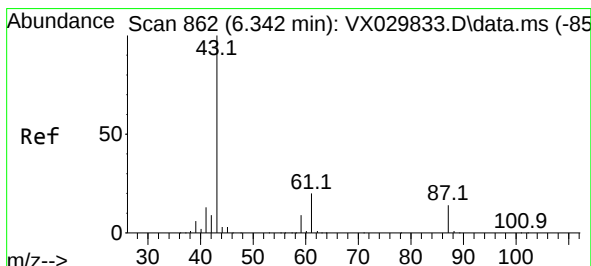
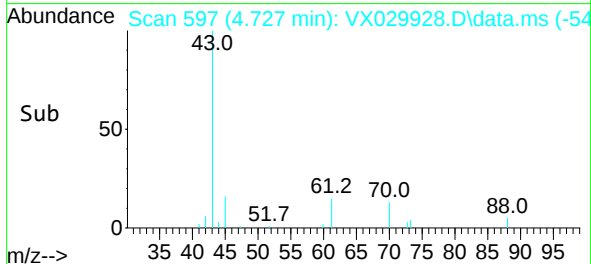
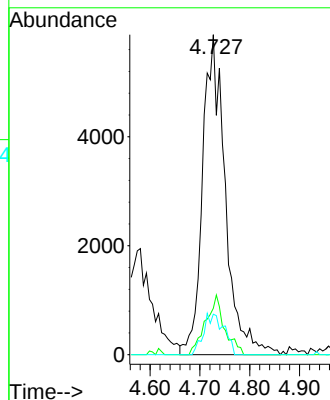
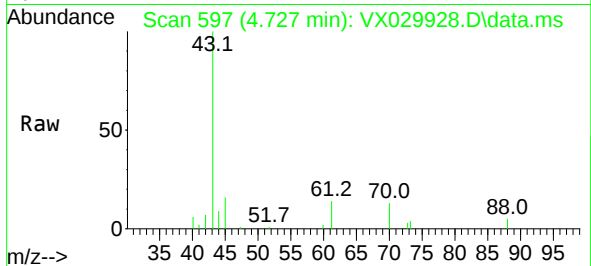




#37  
Ethyl Acetate  
Concen: 4.577 ug/l  
RT: 4.727 min Scan# 596  
Delta R.T. 0.006 min  
Lab File: VX029928.D  
Acq: 05 Jul 2022 18:13

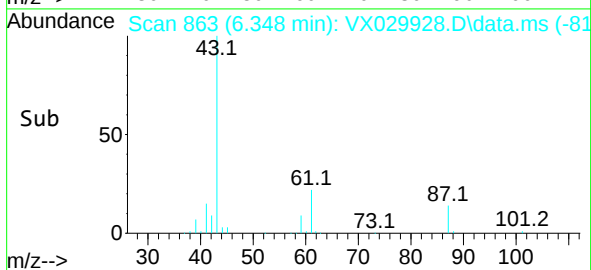
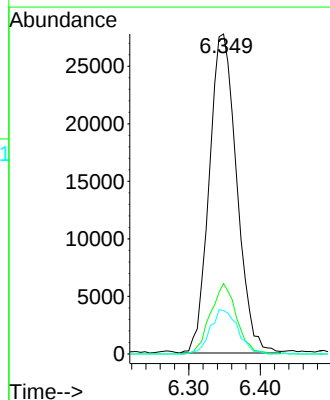
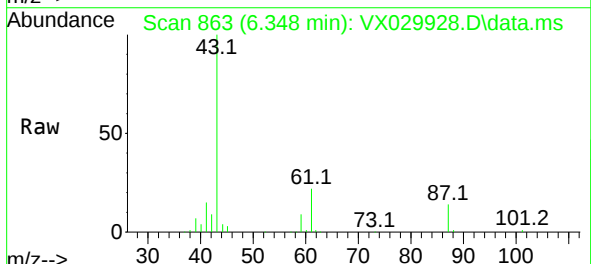
Instrument :  
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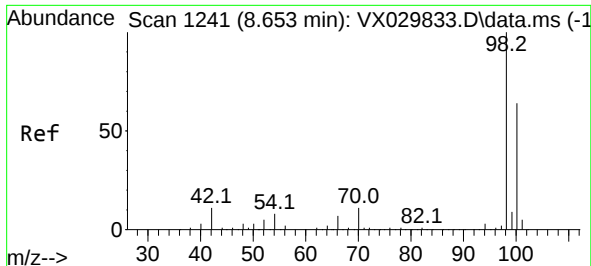
Tgt Ion: 43 Resp: 18578  
Ion Ratio Lower Upper  
43 100  
61 15.5 11.7 17.5  
70 11.6 9.3 13.9



#43  
Isopropyl Acetate  
Concen: 12.097 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.006 min  
Lab File: VX029928.D  
Acq: 05 Jul 2022 18:13

Tgt Ion: 43 Resp: 73943  
Ion Ratio Lower Upper  
43 100  
61 20.9 16.5 24.7  
87 13.9 11.1 16.7

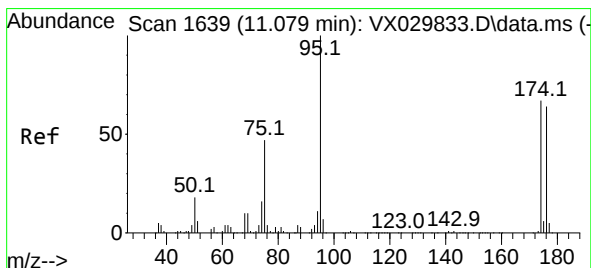
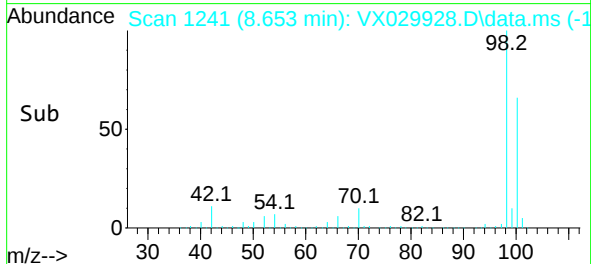
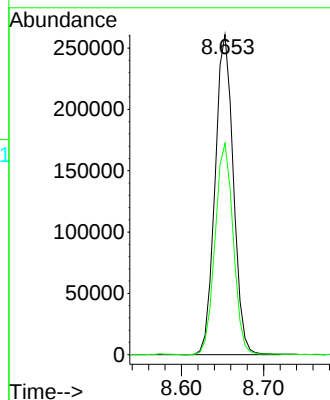
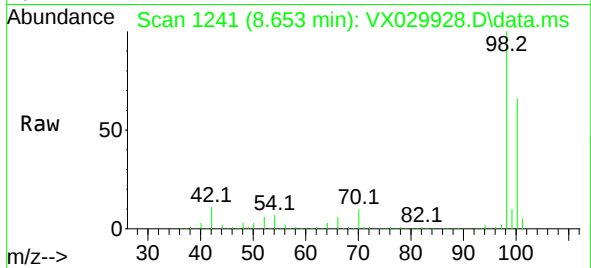




#50  
Toluene-d8  
Concen: 48.159 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX029928.D  
Acq: 05 Jul 2022 18:13

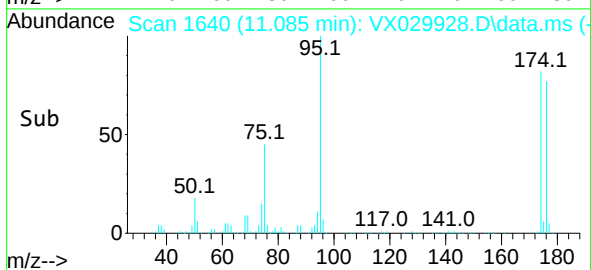
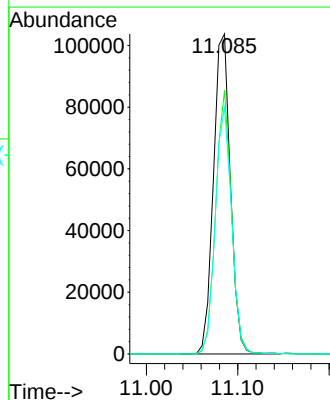
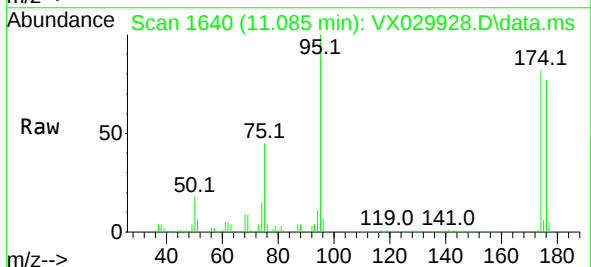
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB145991ZHE#14

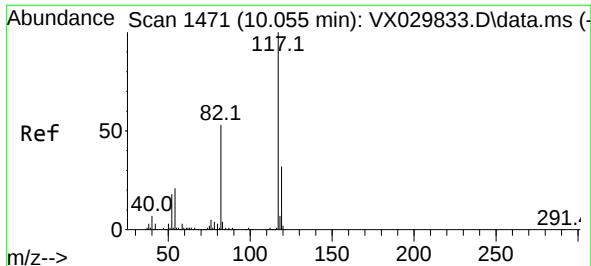
Tgt Ion: 98 Resp: 403154  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.3 78.5



#62  
4-Bromofluorobenzene  
Concen: 45.091 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.006 min  
Lab File: VX029928.D  
Acq: 05 Jul 2022 18:13

Tgt Ion: 95 Resp: 133428  
Ion Ratio Lower Upper  
95 100  
174 77.0 0.0 149.0  
176 74.3 0.0 146.0

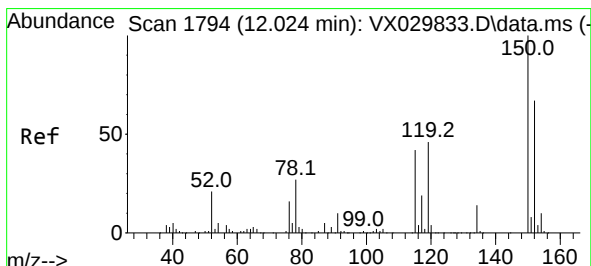
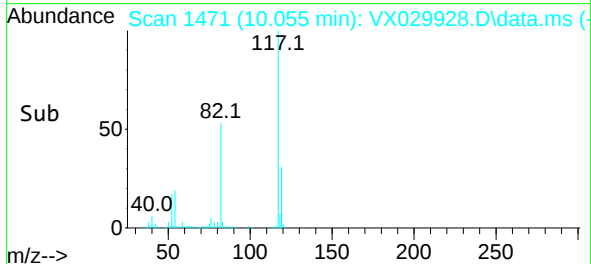
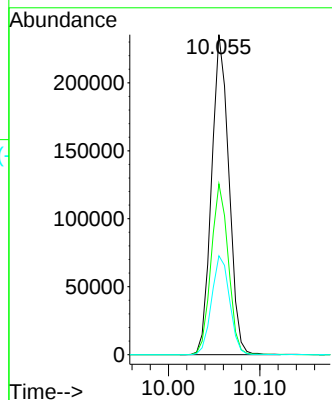
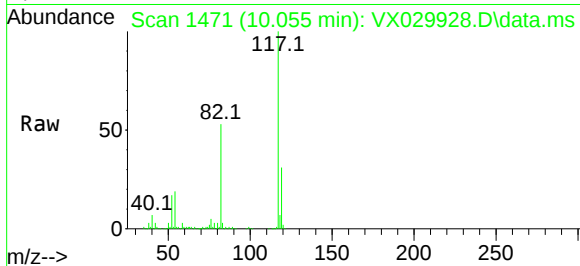




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX029928.D  
Acq: 05 Jul 2022 18:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB145991ZHE#14

Tgt Ion:117 Resp: 309249  
Ion Ratio Lower Upper  
117 100  
82 53.4 42.7 64.1  
119 30.9 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX029928.D  
Acq: 05 Jul 2022 18:13

Tgt Ion:152 Resp: 131534  
Ion Ratio Lower Upper  
152 100  
115 59.9 40.5 121.5  
150 156.3 0.0 347.0

