

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072722\  
 Data File : VX030255.D  
 Acq On : 28 Jul 2022 01:13  
 Operator : JC/MD  
 Sample : PB146425ZHE#02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB146425ZHE#02

Quant Time: Jul 28 05:56:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072522W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 25 16:49:17 2022  
 Response via : Initial Calibration

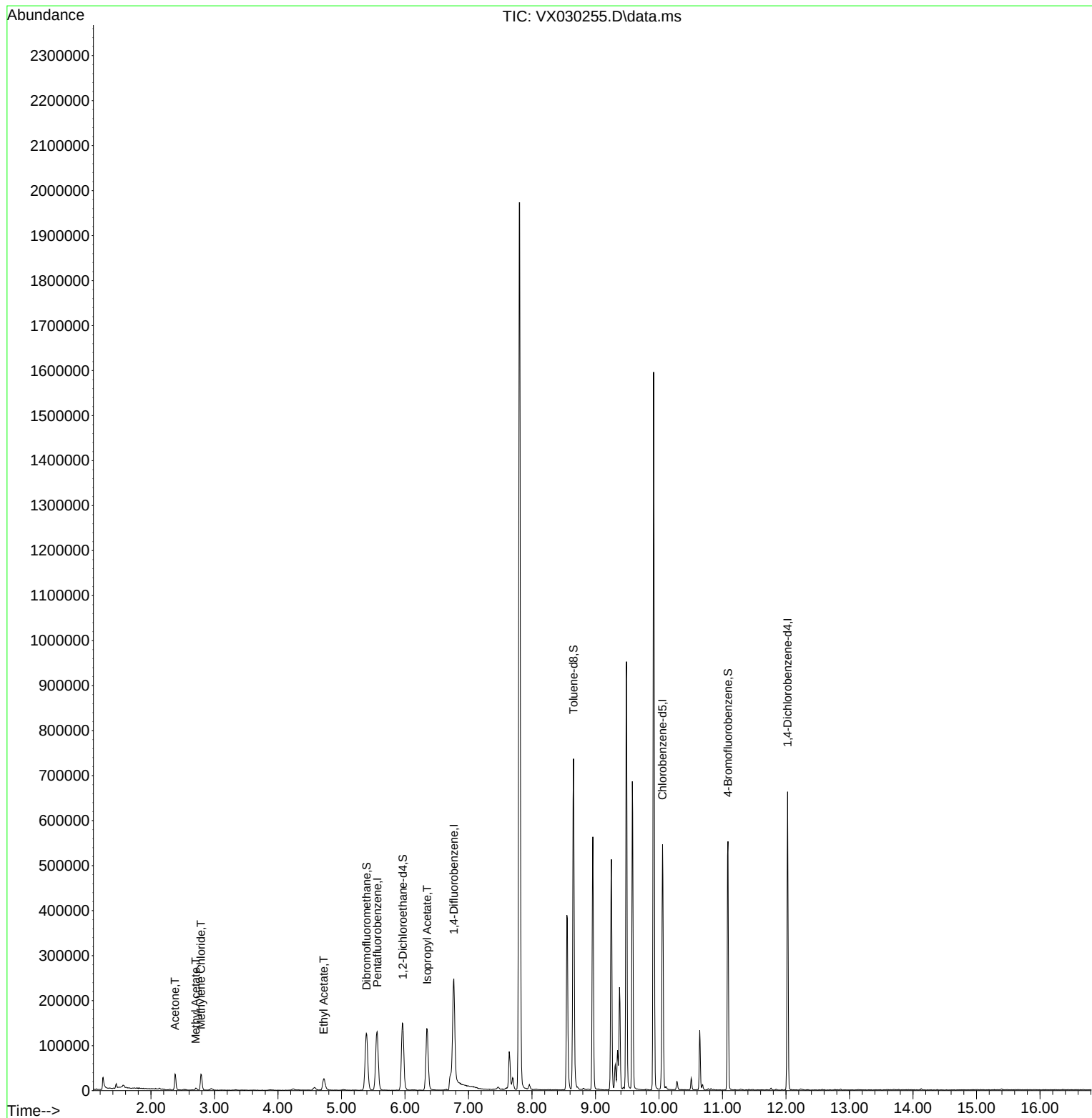
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 124209   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 226927   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 235017   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 128884   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.964     | 65    | 144888   | 58.036   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 74 - 125 | Recovery | =     | 116.080% |
| 35) Dibromofluoromethane    | 5.397     | 113   | 116178   | 53.555   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =     | 107.120% |
| 50) Toluene-d8              | 8.653     | 98    | 427149   | 50.845   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 86 - 113 | Recovery | =     | 101.700% |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 151352   | 48.544   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =     | 97.080%  |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.380     | 43    | 37136    | 29.054   | ug/l  | 93       |
| 18) Methyl Acetate          | 2.703     | 43    | 6108     | 1.616    | ug/l  | 98       |
| 20) Methylene Chloride      | 2.788     | 84    | 16035    | 5.039    | ug/l  | 89       |
| 37) Ethyl Acetate           | 4.721     | 43    | 46907    | 10.610   | ug/l  | 97       |
| 43) Isopropyl Acetate       | 6.349     | 43    | 191286   | 29.516   | ug/l  | 97       |
| -----                       |           |       |          |          |       |          |

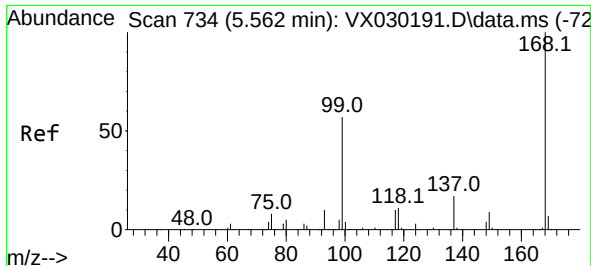
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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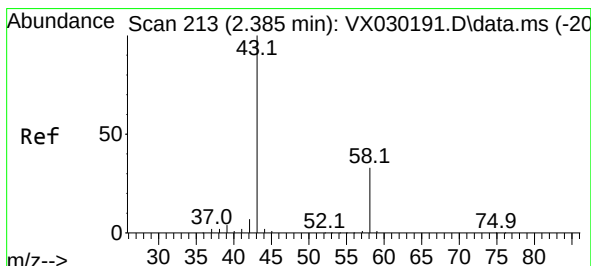
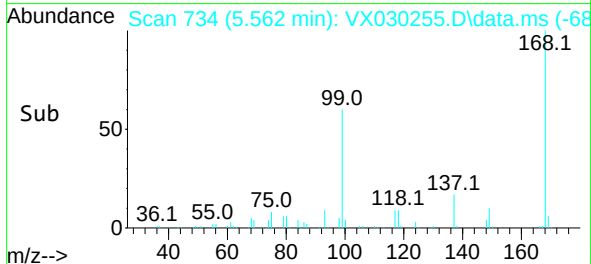
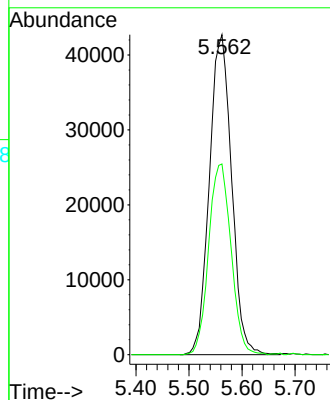
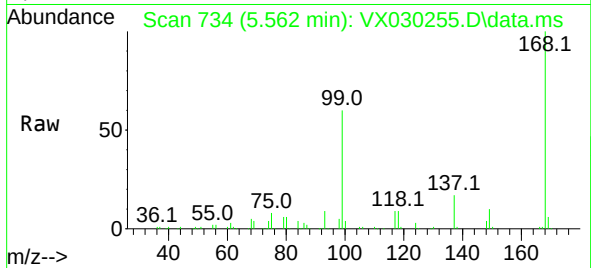




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VX030255.D  
Acq: 28 Jul 2022 01:13

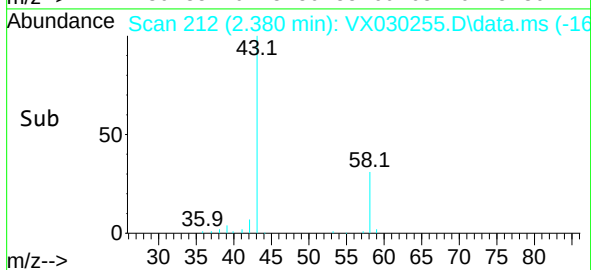
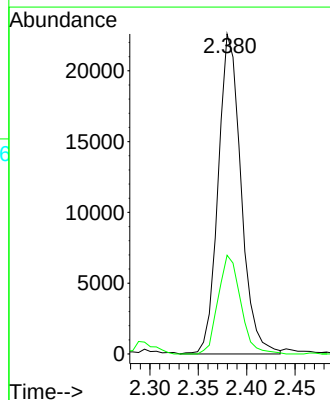
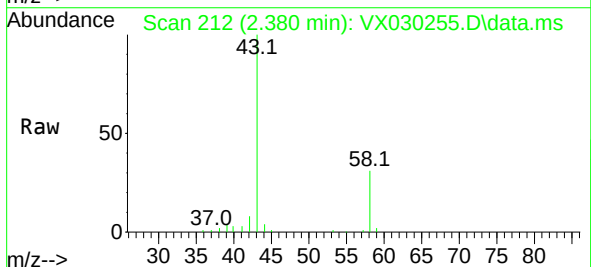
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB146425ZHE#02

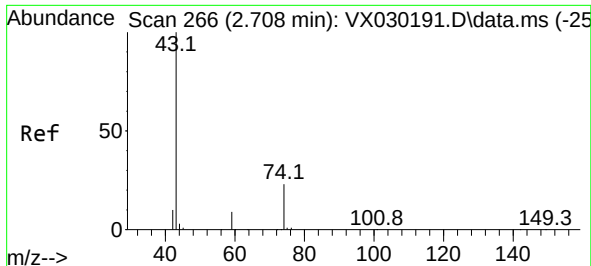
Tgt Ion:168 Resp: 124209  
Ion Ratio Lower Upper  
168 100  
99 59.6 44.0 66.0



#16  
Acetone  
Concen: 29.054 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.005 min  
Lab File: VX030255.D  
Acq: 28 Jul 2022 01:13

Tgt Ion: 43 Resp: 37136  
Ion Ratio Lower Upper  
43 100  
58 30.8 27.7 41.5

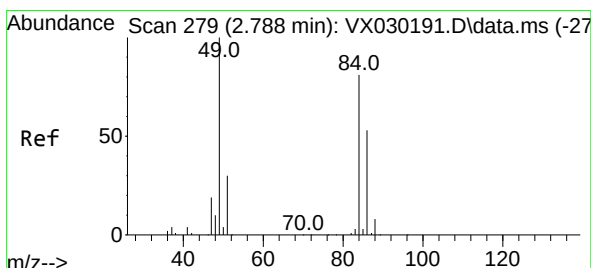
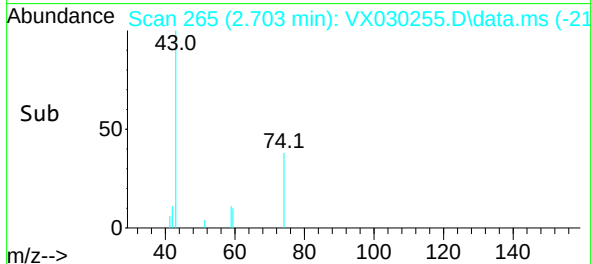
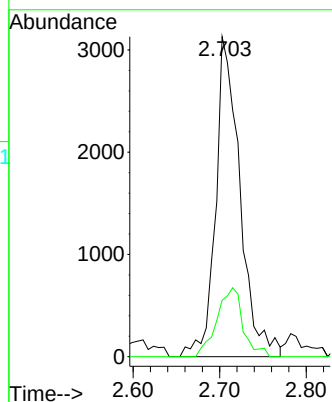
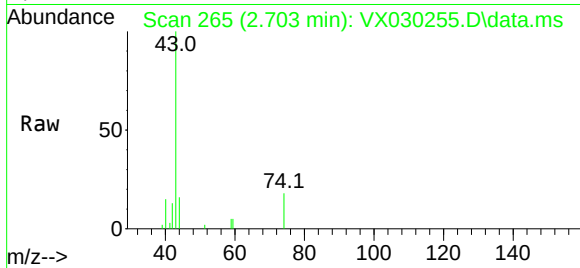




#18  
Methyl Acetate  
Concen: 1.616 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.005 min  
Lab File: VX030255.D  
Acq: 28 Jul 2022 01:13

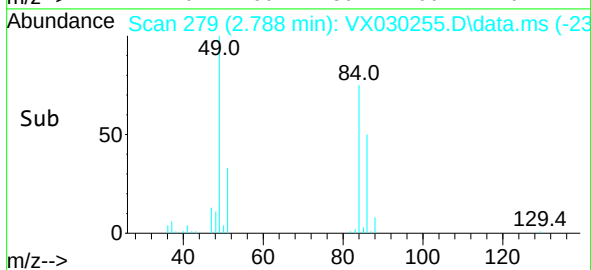
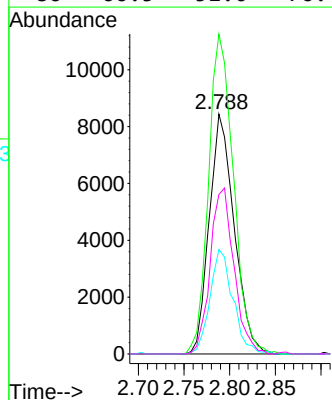
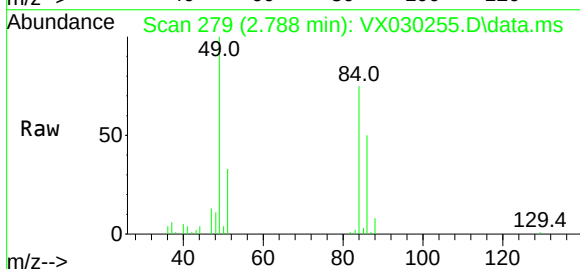
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB146425ZHE#02

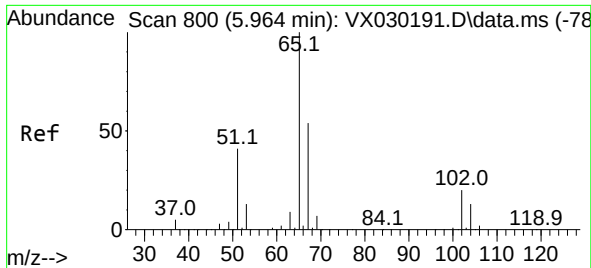
Tgt Ion: 43 Resp: 6108  
Ion Ratio Lower Upper  
43 100  
74 23.1 19.4 29.2



#20  
Methylene Chloride  
Concen: 5.039 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX030255.D  
Acq: 28 Jul 2022 01:13

Tgt Ion: 84 Resp: 16035  
Ion Ratio Lower Upper  
84 100  
49 133.4 93.8 140.6  
51 43.5 29.4 44.0  
86 66.5 51.0 76.4

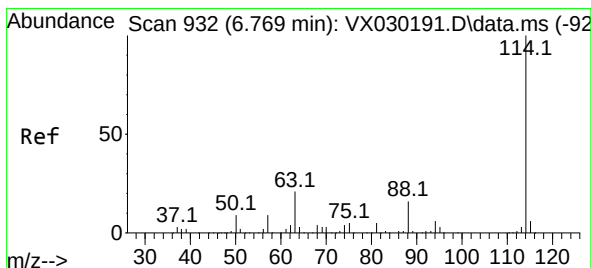
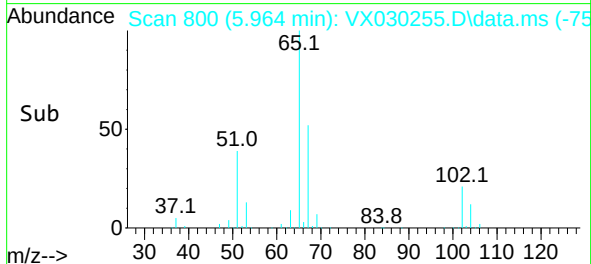
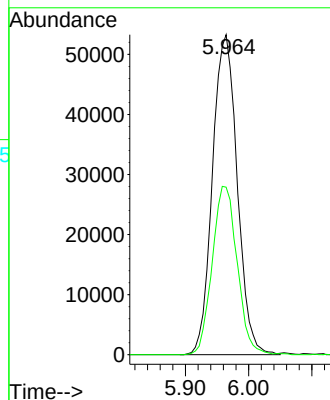
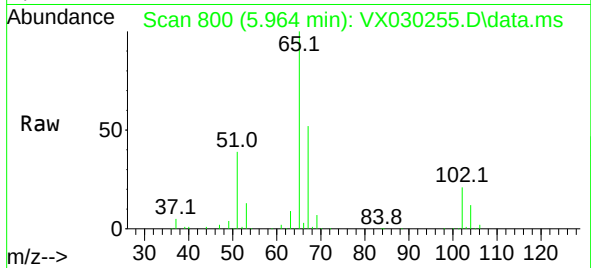




#33  
 1,2-Dichloroethane-d4  
 Concen: 58.036 ug/l  
 RT: 5.964 min Scan# 800  
 Delta R.T. 0.000 min  
 Lab File: VX030255.D  
 Acq: 28 Jul 2022 01:13

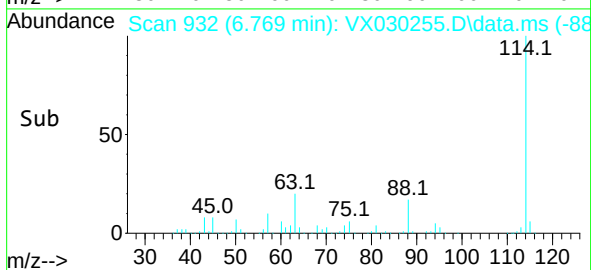
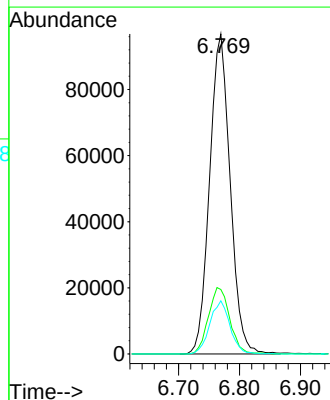
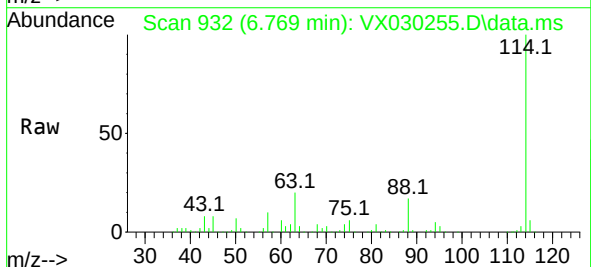
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB146425ZHE#02

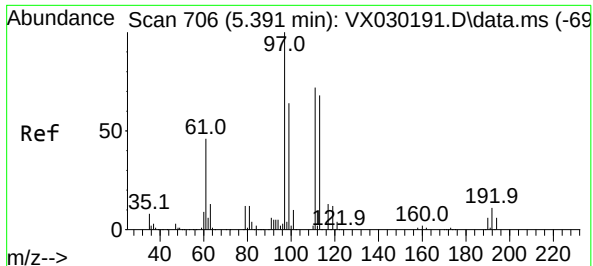
Tgt Ion: 65 Resp: 144888  
 Ion Ratio Lower Upper  
 65 100  
 67 53.0 0.0 109.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.769 min Scan# 932  
 Delta R.T. 0.000 min  
 Lab File: VX030255.D  
 Acq: 28 Jul 2022 01:13

Tgt Ion: 114 Resp: 226927  
 Ion Ratio Lower Upper  
 114 100  
 63 20.2 0.0 38.4  
 88 16.6 0.0 31.8

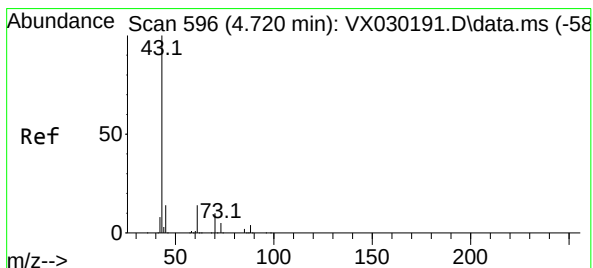
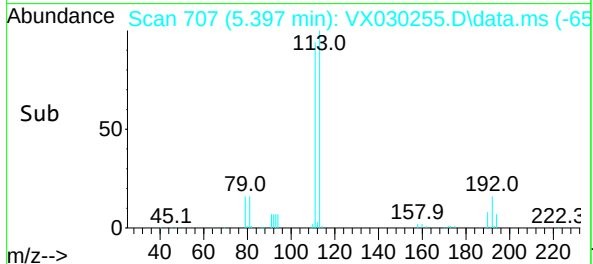
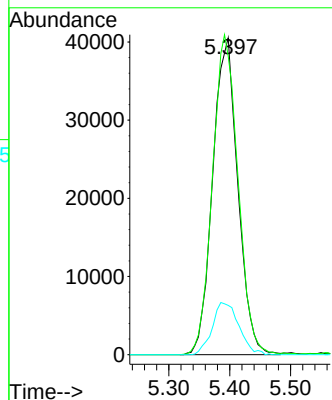
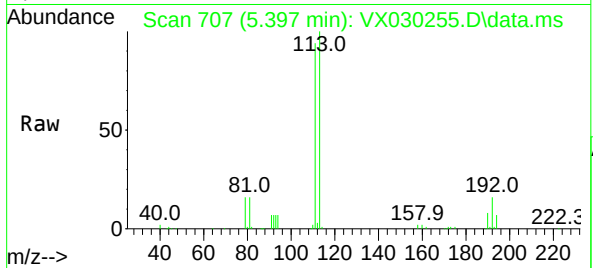




#35  
Dibromofluoromethane  
Concen: 53.555 ug/l  
RT: 5.397 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX030255.D  
Acq: 28 Jul 2022 01:13

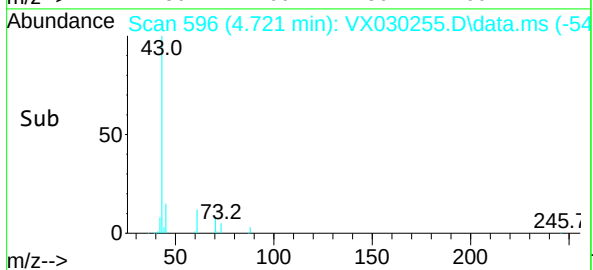
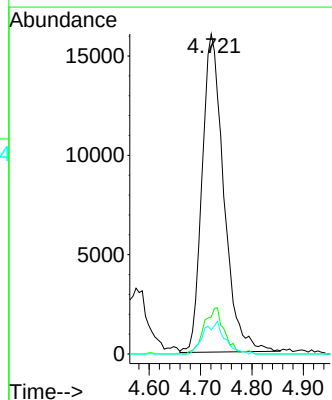
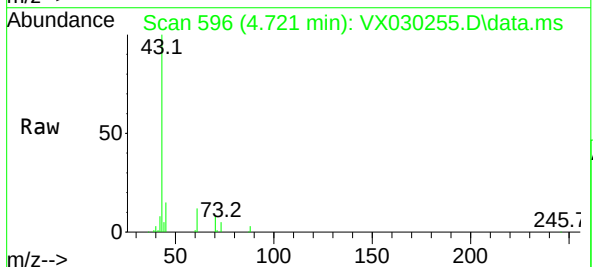
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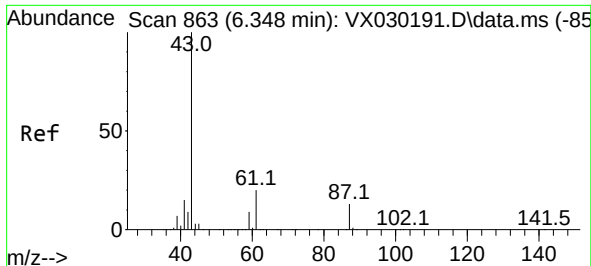
Tgt Ion:113 Resp: 116178  
Ion Ratio Lower Upper  
113 100  
111 102.3 83.2 124.8  
192 17.4 14.8 22.2



#37  
Ethyl Acetate  
Concen: 10.610 ug/l  
RT: 4.721 min Scan# 596  
Delta R.T. 0.001 min  
Lab File: VX030255.D  
Acq: 28 Jul 2022 01:13

Tgt Ion: 43 Resp: 46907  
Ion Ratio Lower Upper  
43 100  
61 13.6 11.7 17.5  
70 10.0 9.3 13.9

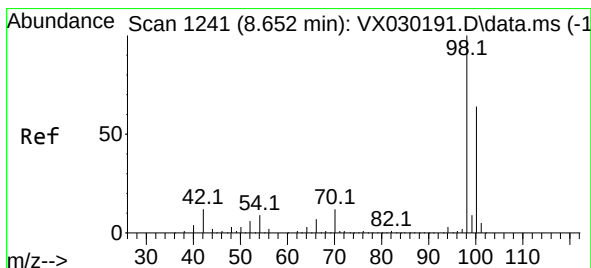
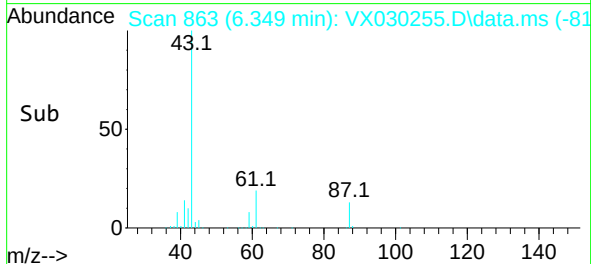
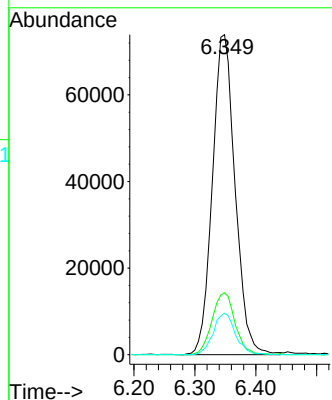
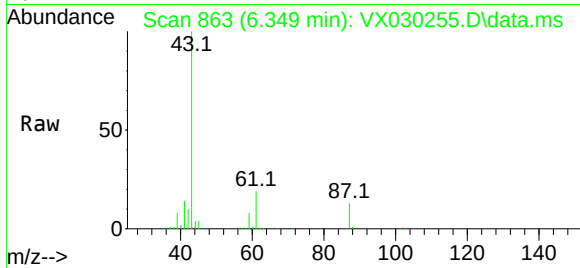




#43  
Isopropyl Acetate  
Concen: 29.516 ug/l  
RT: 6.349 min Scan# 863  
Delta R.T. 0.001 min  
Lab File: VX030255.D  
Acq: 28 Jul 2022 01:13

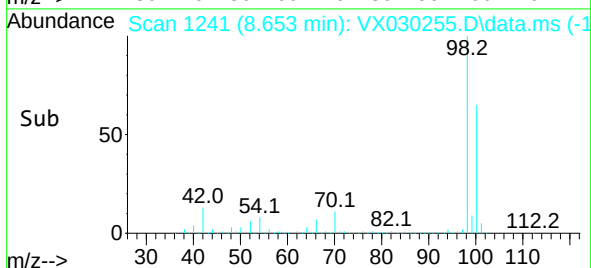
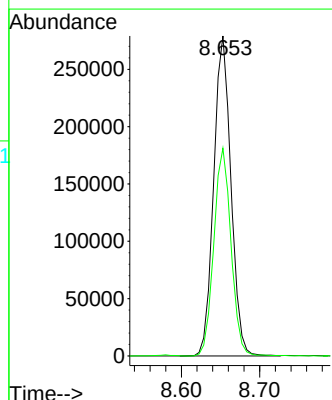
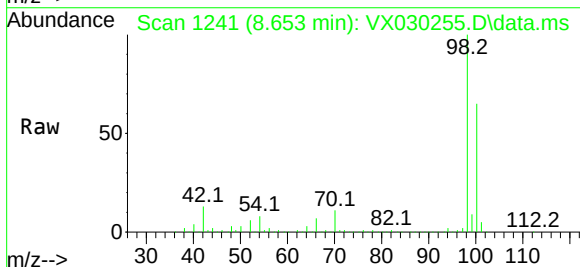
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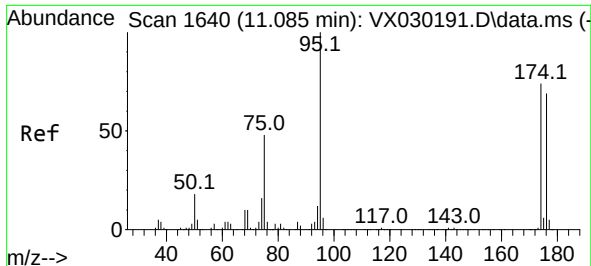
Tgt Ion: 43 Resp: 191286  
Ion Ratio Lower Upper  
43 100  
61 19.6 16.5 24.7  
87 12.7 11.1 16.7



#50  
Toluene-d8  
Concen: 50.845 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.001 min  
Lab File: VX030255.D  
Acq: 28 Jul 2022 01:13

Tgt Ion: 98 Resp: 427149  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.3 78.5

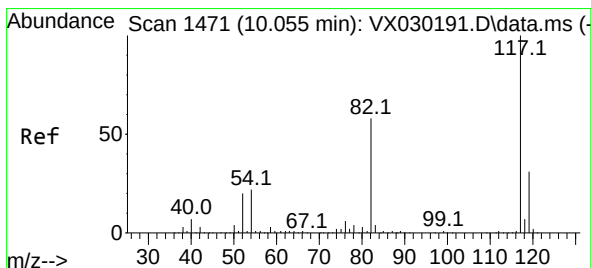
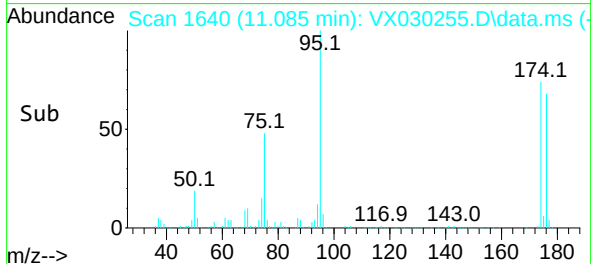
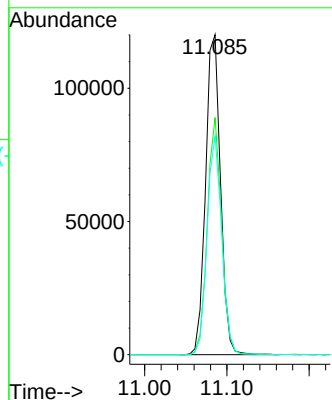
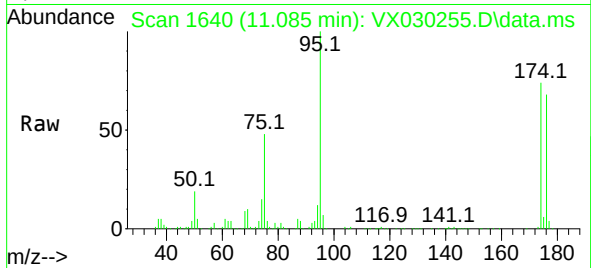




#62  
4-Bromofluorobenzene  
Concen: 48.544 ug/l  
RT: 11.085 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VX030255.D  
Acq: 28 Jul 2022 01:13

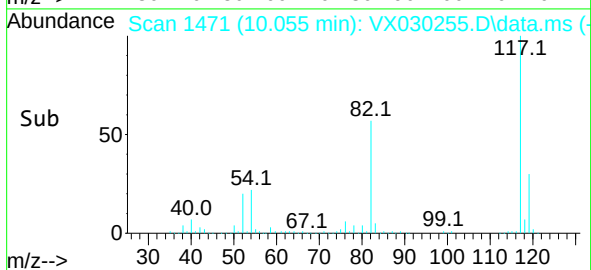
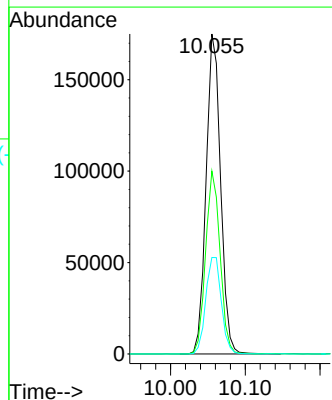
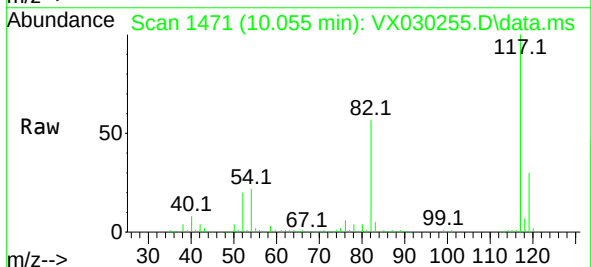
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Tgt Ion: 95 Resp: 151352  
Ion Ratio Lower Upper  
95 100  
174 71.4 0.0 149.0  
176 66.9 0.0 146.0

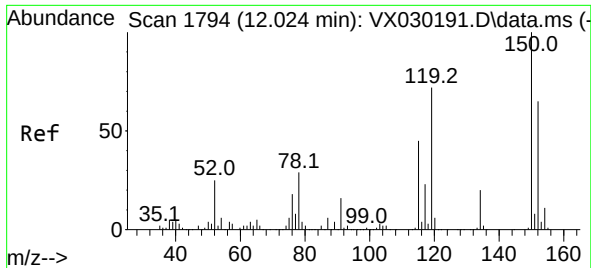


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX030255.D  
Acq: 28 Jul 2022 01:13

Tgt Ion: 117 Resp: 235017  
Ion Ratio Lower Upper  
117 100  
82 57.2 42.7 64.1  
119 30.2 25.4 38.2







#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030255.D

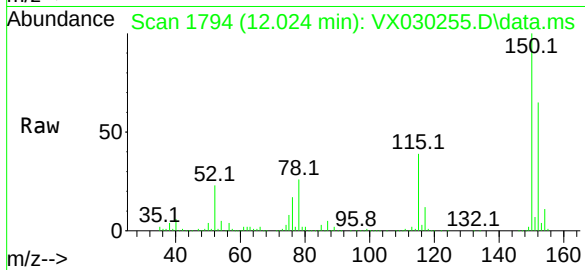
Acq: 28 Jul 2022 01:13

Instrument :

MSVOA\_X

ClientSampleId :

PB146425ZHE#02



Tgt Ion:152 Resp: 128884

Ion Ratio Lower Upper

152 100

115 60.2 40.5 121.5

150 154.4 0.0 347.0

