

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022522\  
 Data File : VX027201.D  
 Acq On : 25 Feb 2022 20:01  
 Operator : JC/MD  
 Sample : PB142919ZHE#06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB142919ZHE#06

Quant Time: Feb 25 23:20:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022322W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 23 13:06:57 2022  
 Response via : Initial Calibration

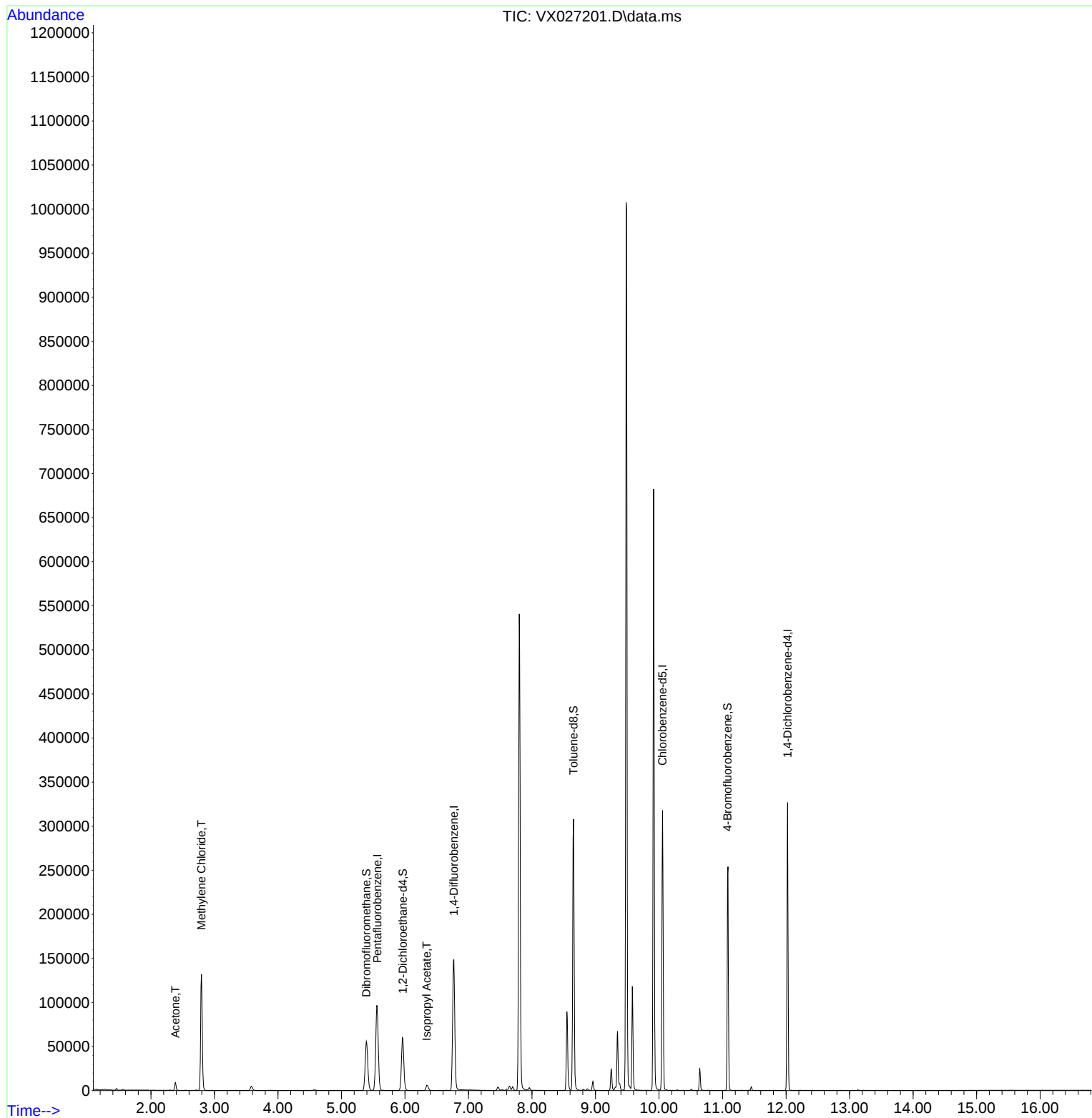
| Compound                    | R.T.           | QIon | Response            | Conc   | Units | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|-------|----------|
| -----                       |                |      |                     |        |       |          |
| Internal Standards          |                |      |                     |        |       |          |
| 1) Pentafluorobenzene       | 5.562          | 168  | 92840               | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769          | 114  | 156608              | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 144320              | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 66623               | 50.000 | ug/l  | 0.00     |
|                             |                |      |                     |        |       |          |
| System Monitoring Compounds |                |      |                     |        |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.964          | 65   | 57690               | 51.739 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = 103.480% |        |       |          |
| 35) Dibromofluoromethane    | 5.391          | 113  | 49408               | 50.826 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 101.660% |        |       |          |
| 50) Toluene-d8              | 8.653          | 98   | 186313              | 51.259 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = 102.520% |        |       |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 68269               | 48.931 | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 97.860%  |        |       |          |
|                             |                |      |                     |        |       |          |
| Target Compounds            |                |      |                     |        |       |          |
| 16) Acetone                 | 2.386          | 43   | 9402                | 19.205 | ug/l  | 95       |
| 20) Methylene Chloride      | 2.794          | 84   | 59767               | 58.902 | ug/l  | 96       |
| 43) Isopropyl Acetate       | 6.342          | 43   | 8461                | 3.531  | ug/l  | 98       |
| -----                       |                |      |                     |        |       |          |

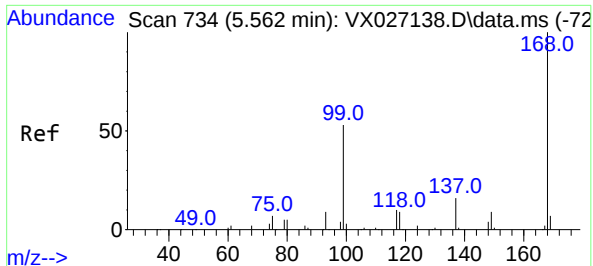
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PB142919ZHE#06

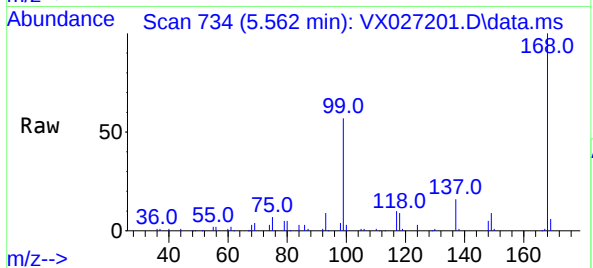
Quant Time: Feb 25 23:20:15 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022322W.M  
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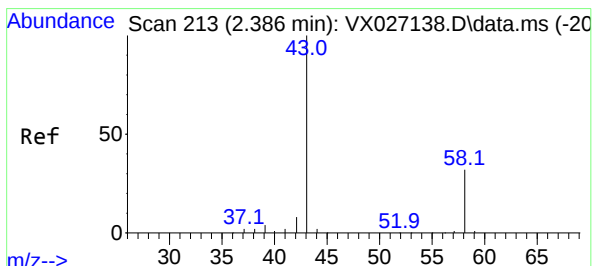
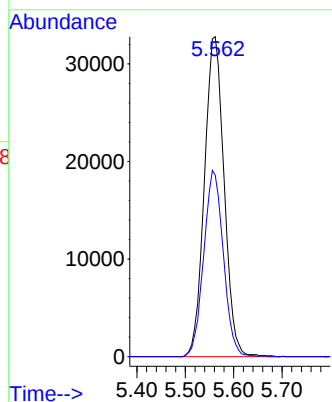


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX027201.D  
Acq: 25 Feb 2022 20:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142919ZHE#06

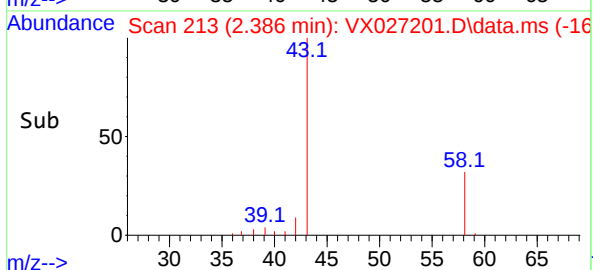
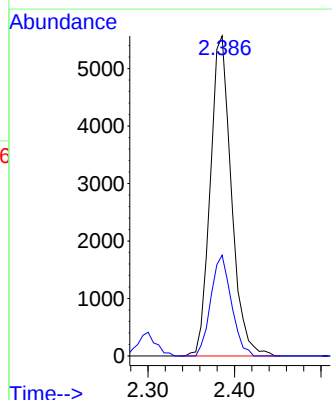
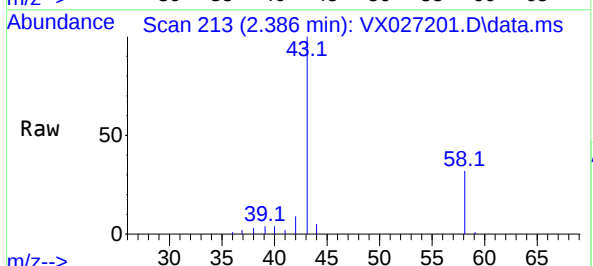


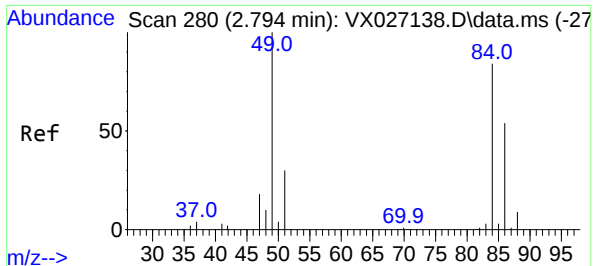
Tgt Ion:168 Resp: 92840  
Ion Ratio Lower Upper  
168 100  
99 56.7 50.3 75.5



#16  
Acetone  
Concen: 19.205 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX027201.D  
Acq: 25 Feb 2022 20:01

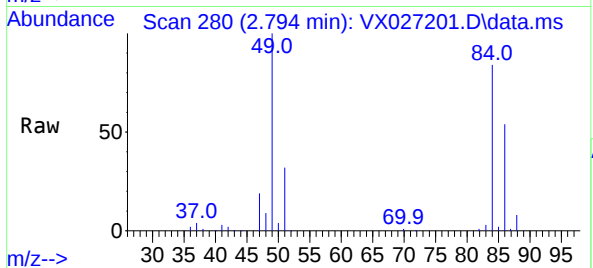
Tgt Ion: 43 Resp: 9402  
Ion Ratio Lower Upper  
43 100  
58 31.5 23.0 34.6





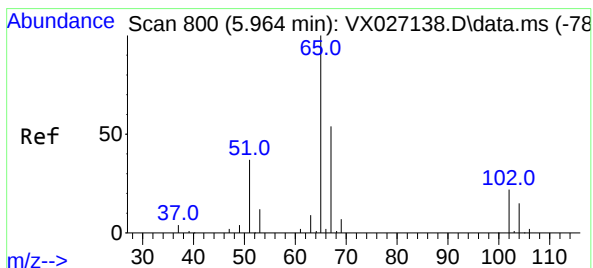
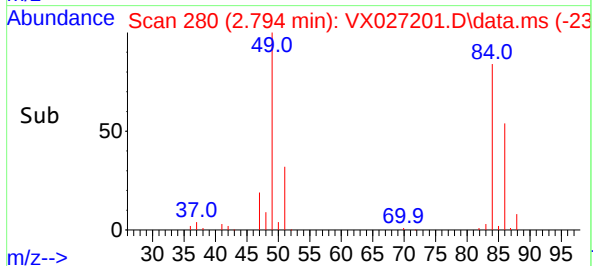
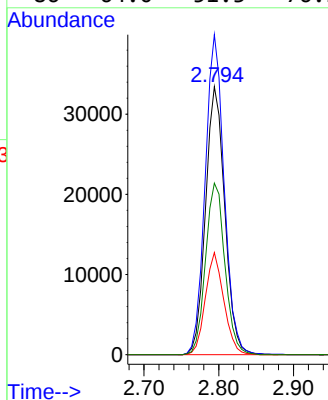
#20  
Methylene Chloride  
Concen: 58.902 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX027201.D  
Acq: 25 Feb 2022 20:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142919ZHE#06



Tgt Ion: 84 Resp: 59767

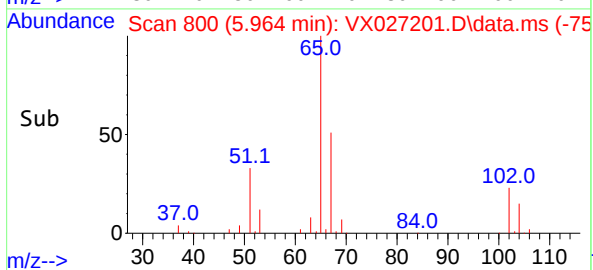
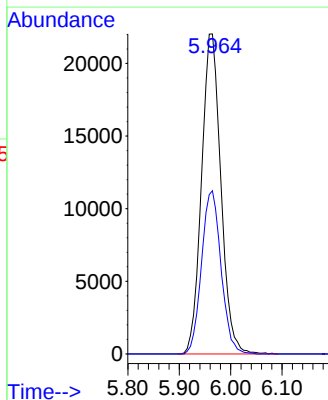
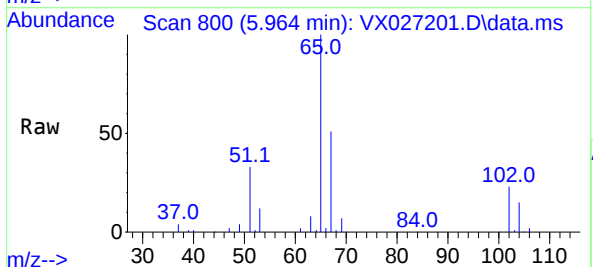
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 119.4 | 101.5 | 152.3 |
| 51  | 38.1  | 31.2  | 46.8  |
| 86  | 64.0  | 51.3  | 76.9  |

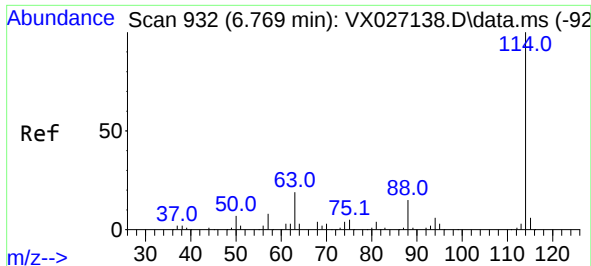


#33  
1,2-Dichloroethane-d4  
Concen: 51.739 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX027201.D  
Acq: 25 Feb 2022 20:01

Tgt Ion: 65 Resp: 57690

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

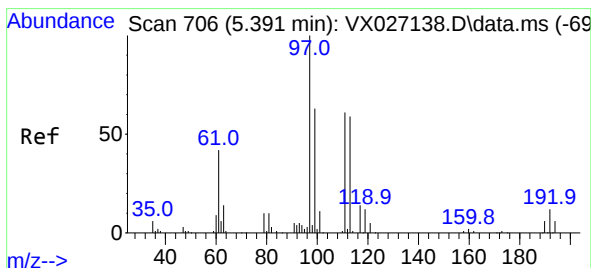
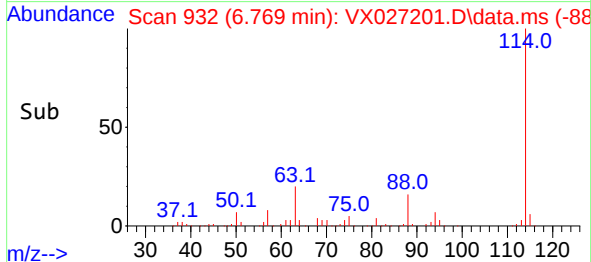
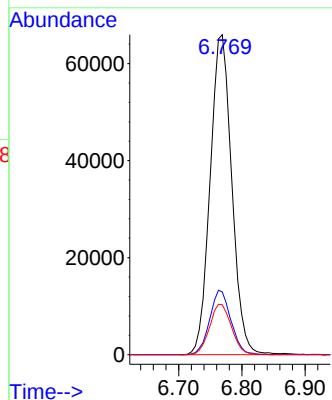
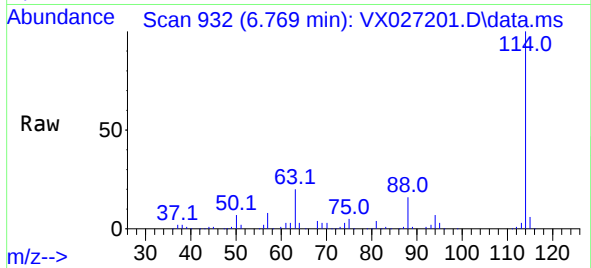




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX027201.D  
Acq: 25 Feb 2022 20:01

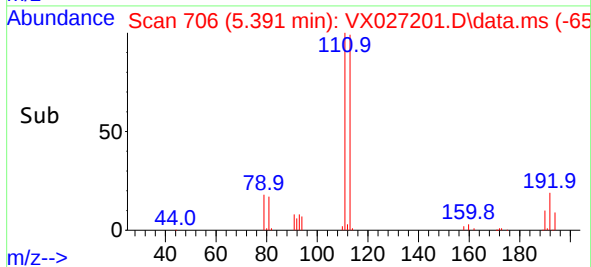
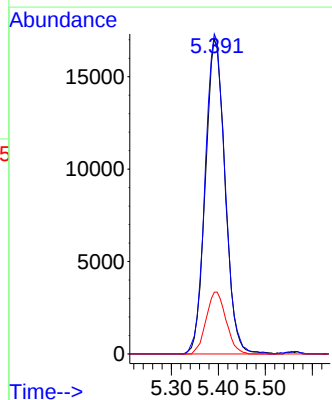
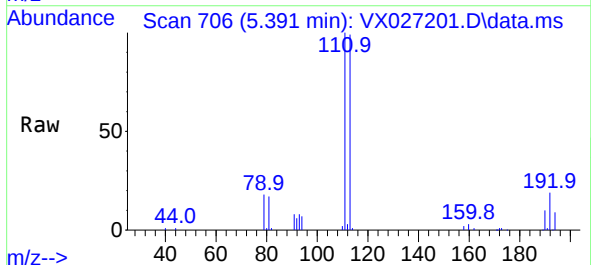
Instrument :  
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ClientSampleId :  
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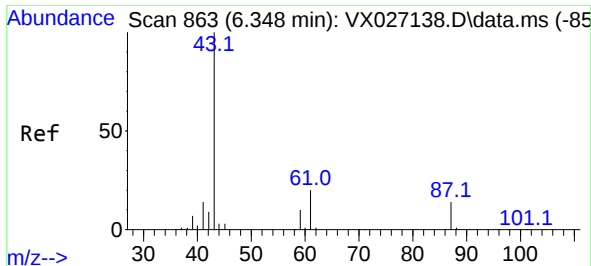
Tgt Ion:114 Resp: 156608  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 42.8  
88 15.6 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 50.826 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX027201.D  
Acq: 25 Feb 2022 20:01

Tgt Ion:113 Resp: 49408  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.2 121.8  
192 19.9 15.0 22.4

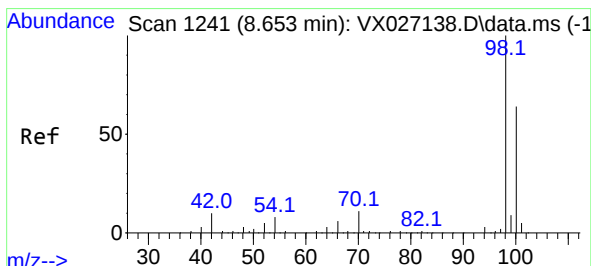
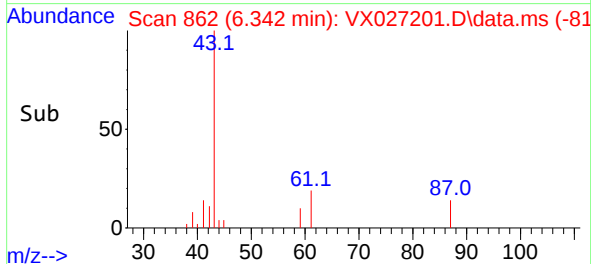
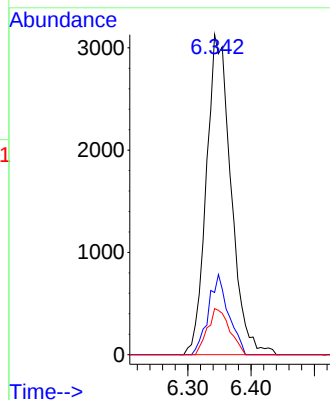
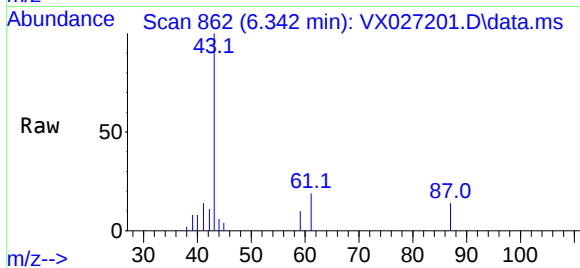




#43  
Isopropyl Acetate  
Concen: 3.531 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: VX027201.D  
Acq: 25 Feb 2022 20:01

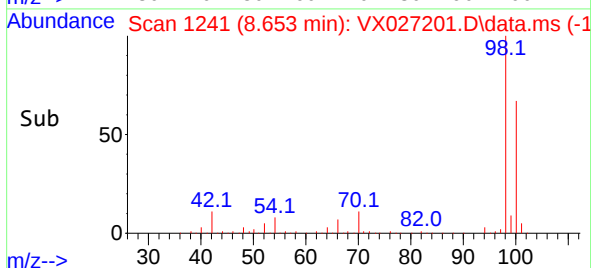
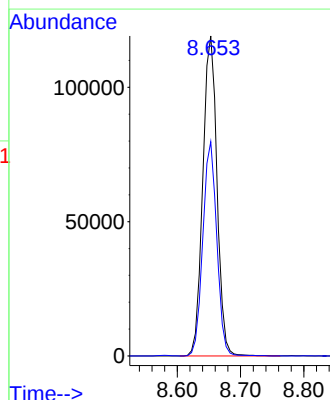
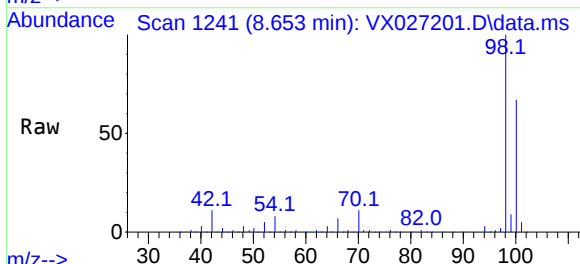
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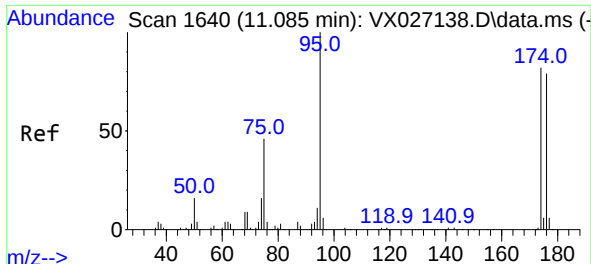
Tgt Ion: 43 Resp: 8461  
Ion Ratio Lower Upper  
43 100  
61 20.6 15.4 23.0  
87 12.9 10.2 15.2



#50  
Toluene-d8  
Concen: 51.259 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX027201.D  
Acq: 25 Feb 2022 20:01

Tgt Ion: 98 Resp: 186313  
Ion Ratio Lower Upper  
98 100  
100 65.8 53.2 79.8

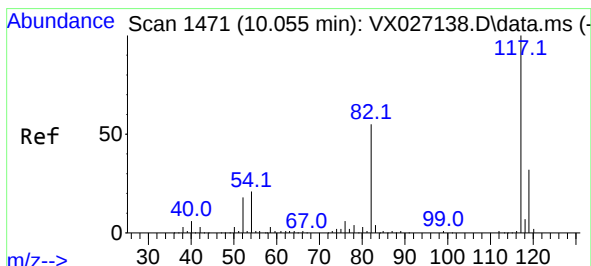
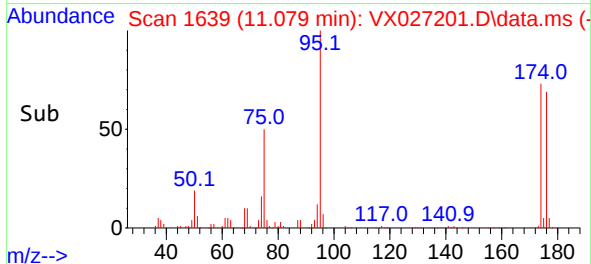
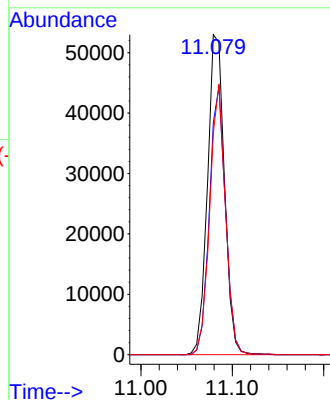
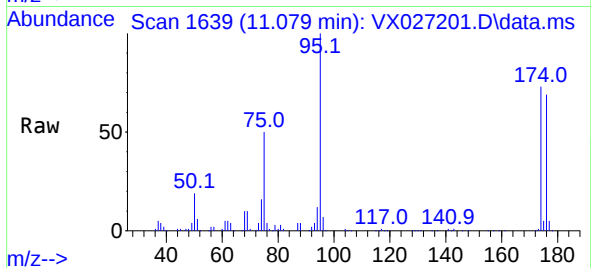




#62  
4-Bromofluorobenzene  
Concen: 48.931 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX027201.D  
Acq: 25 Feb 2022 20:01

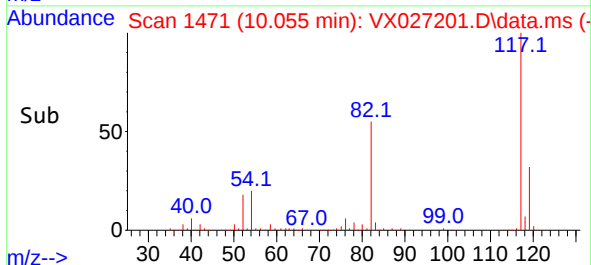
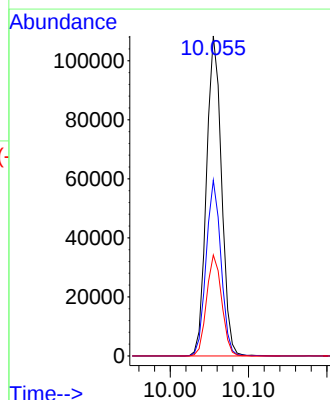
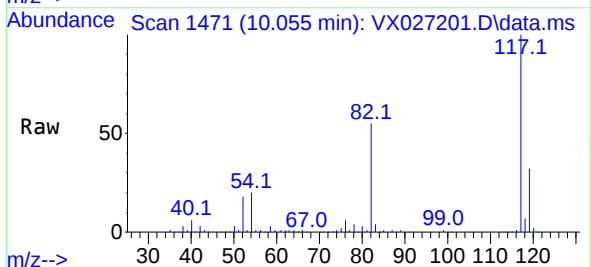
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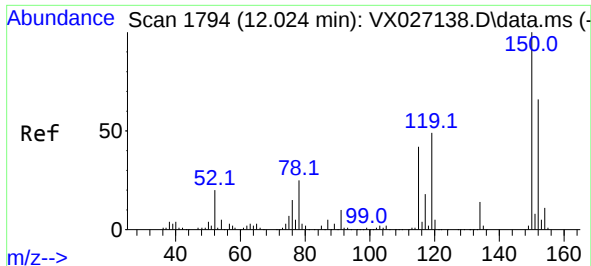
Tgt Ion: 95 Resp: 68269  
Ion Ratio Lower Upper  
95 100  
174 79.2 0.0 148.6  
176 77.9 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027201.D  
Acq: 25 Feb 2022 20:01

Tgt Ion: 117 Resp: 144320  
Ion Ratio Lower Upper  
117 100  
82 54.9 45.2 67.8  
119 31.5 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: VX027201.D

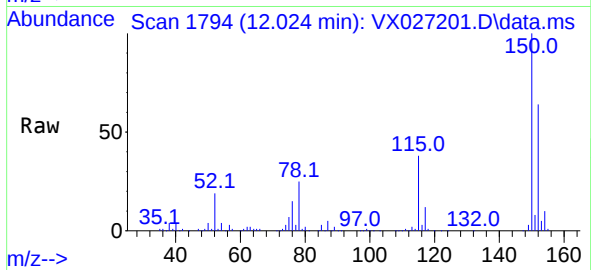
Acq: 25 Feb 2022 20:01

Instrument :

MSVOA\_X

ClientSampleId :

PB142919ZHE#06



Tgt Ion:152 Resp: 66623

Ion Ratio Lower Upper

152 100

115 59.6 44.2 132.6

150 156.7 0.0 348.2

