

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX010422\  
 Data File : VX026299.D  
 Acq On : 05 Jan 2022 03:01  
 Operator : JC/MD  
 Sample : PB141821ZHE#05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB141821ZHE#05

Quant Time: Jan 05 06:43:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 30 08:02:21 2021  
 Response via : Initial Calibration

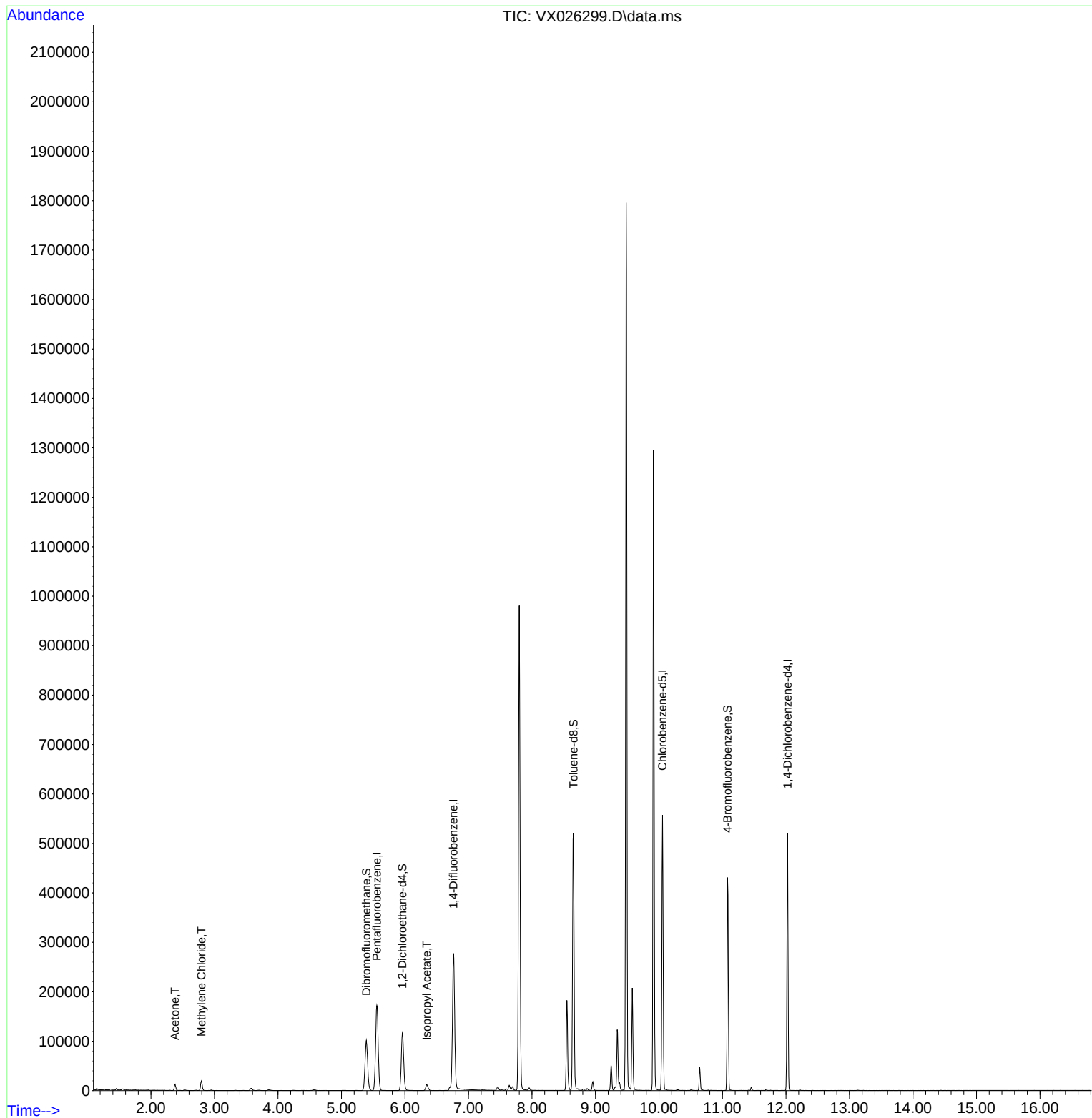
| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 154996              | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 268739              | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 232594              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 99297               | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 118000              | 52.624 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = 105.240% |        |        |          |
| 35) Dibromofluoromethane    | 5.391          | 113  | 86615               | 49.575 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 99.140%  |        |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 311804              | 47.979 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = 95.960%  |        |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 116883              | 50.523 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 101.040% |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        | Qvalue |          |
| 16) Acetone                 | 2.380          | 43   | 13868               | 11.415 | ug/l   | 90       |
| 20) Methylene Chloride      | 2.794          | 84   | 8416                | 3.452  | ug/l   | 98       |
| 43) Isopropyl Acetate       | 6.342          | 43   | 16841               | 3.163  | ug/l   | 97       |
| -----                       |                |      |                     |        |        |          |

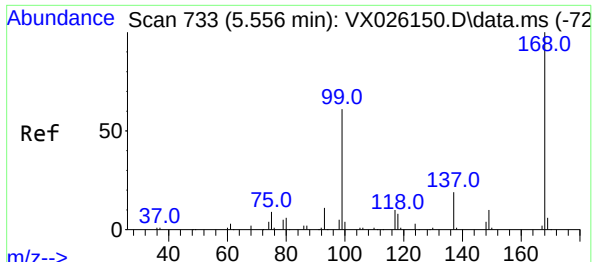
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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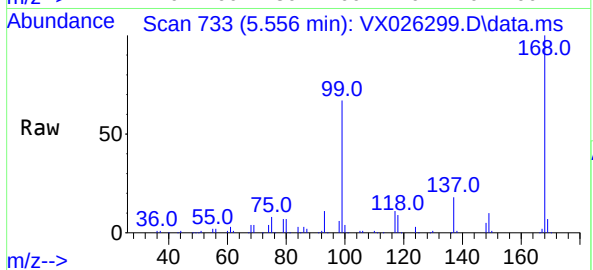
Quant Time: Jan 05 06:43:20 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X123021W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 30 08:02:21 2021  
Response via : Initial Calibration



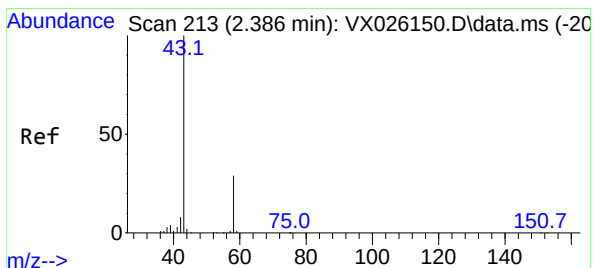
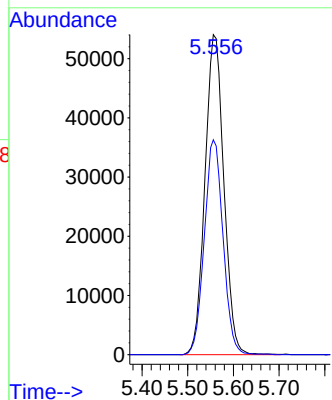
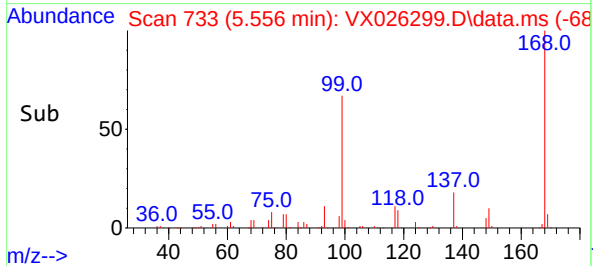


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX026299.D  
Acq: 05 Jan 2022 03:01

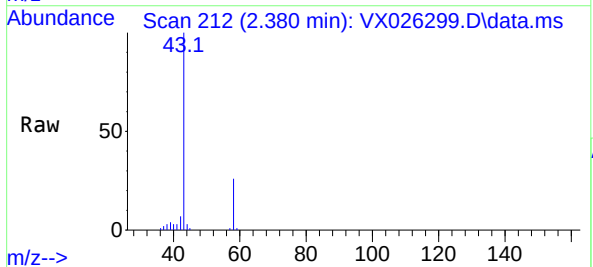
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB141821ZHE#05



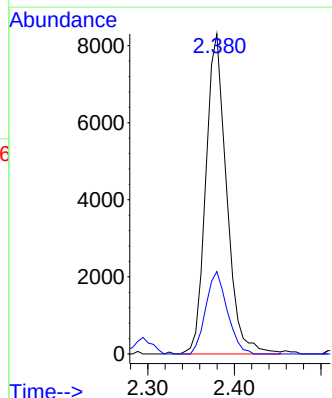
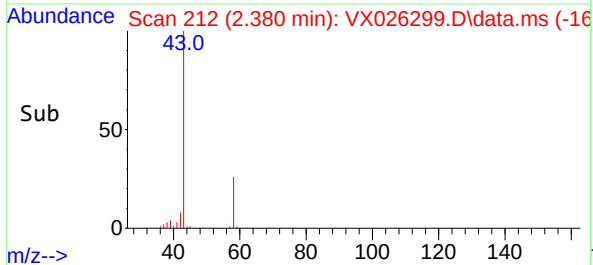
Tgt Ion:168 Resp: 154996  
Ion Ratio Lower Upper  
168 100  
99 67.2 45.8 68.8

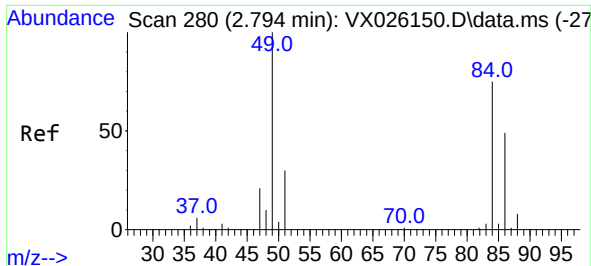


#16  
Acetone  
Concen: 11.415 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX026299.D  
Acq: 05 Jan 2022 03:01



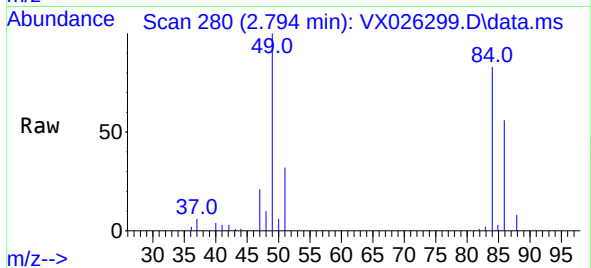
Tgt Ion: 43 Resp: 13868  
Ion Ratio Lower Upper  
43 100  
58 25.7 24.8 37.2





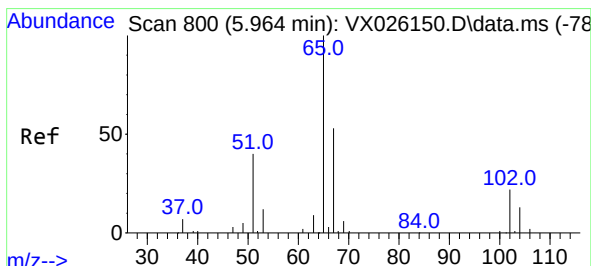
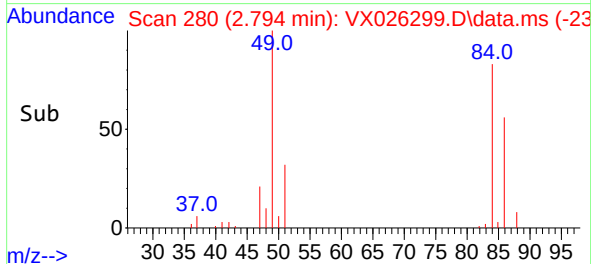
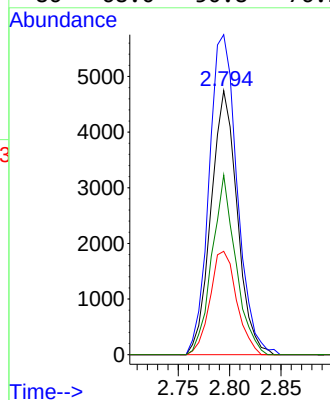
#20  
Methylene Chloride  
Concen: 3.452 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX026299.D  
Acq: 05 Jan 2022 03:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB141821ZHE#05



Tgt Ion: 84 Resp: 8416

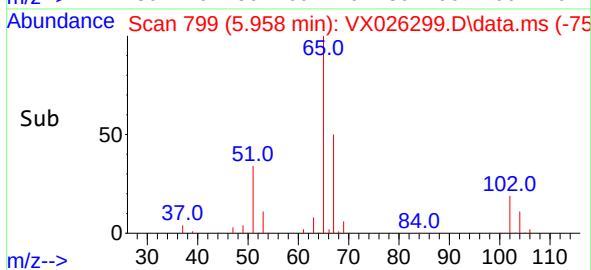
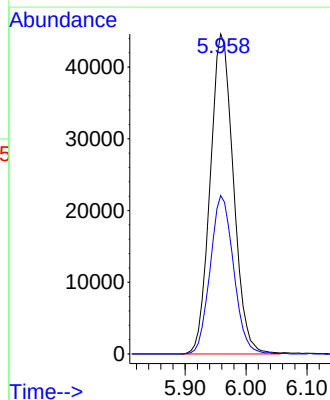
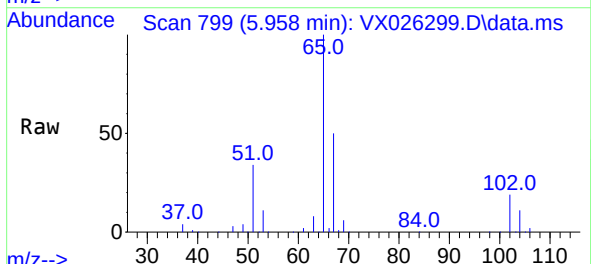
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 121.2 | 97.1  | 145.7 |
| 51  | 39.1  | 29.3  | 43.9  |
| 86  | 68.0  | 50.8  | 76.2  |

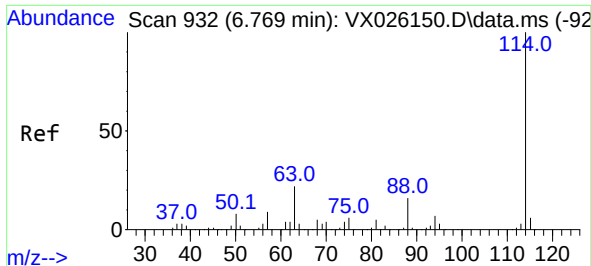


#33  
1,2-Dichloroethane-d4  
Concen: 52.624 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX026299.D  
Acq: 05 Jan 2022 03:01

Tgt Ion: 65 Resp: 118000

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 49.9  | 0.0   | 103.4 |

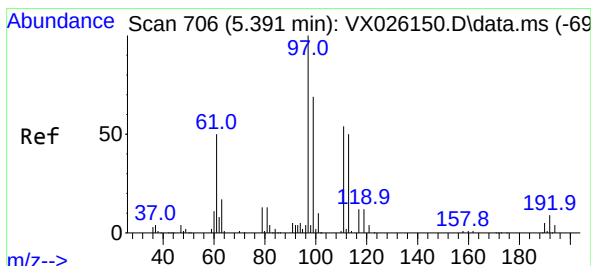
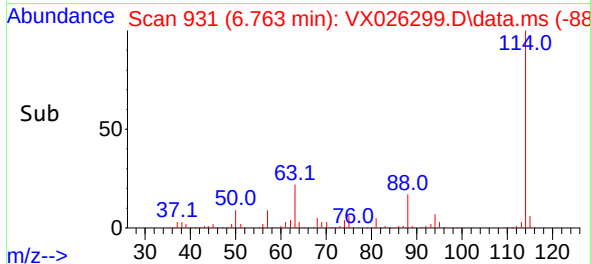
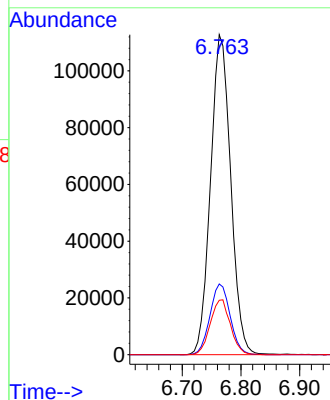
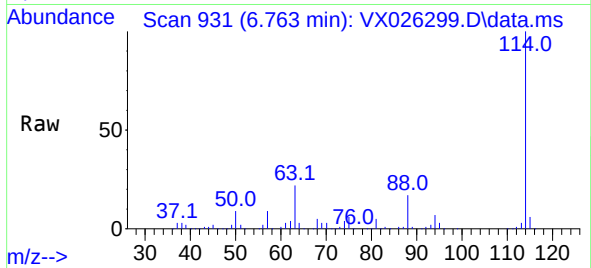




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX026299.D  
Acq: 05 Jan 2022 03:01

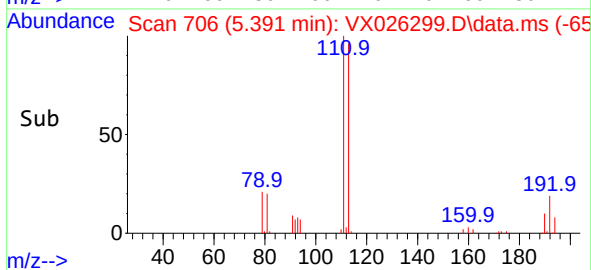
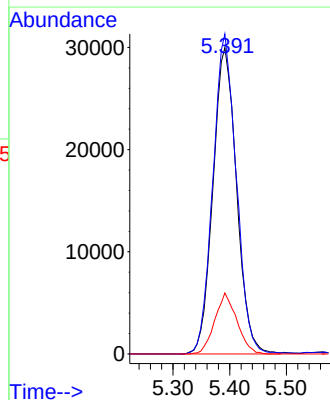
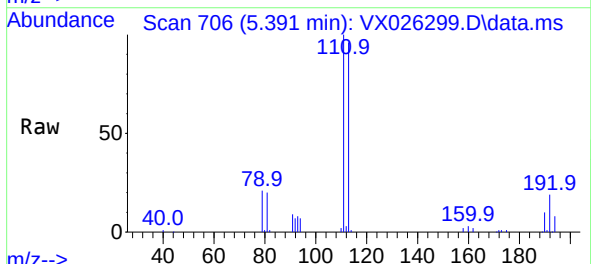
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB141821ZHE#05

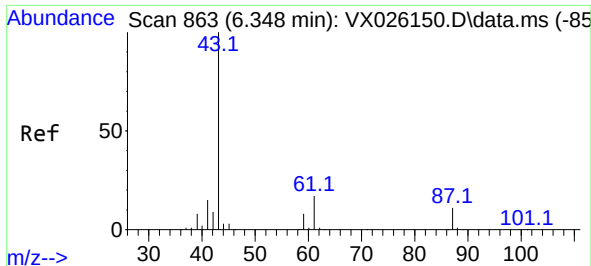
Tgt Ion:114 Resp: 268739  
Ion Ratio Lower Upper  
114 100  
63 22.1 0.0 40.0  
88 17.0 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 49.575 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX026299.D  
Acq: 05 Jan 2022 03:01

Tgt Ion:113 Resp: 86615  
Ion Ratio Lower Upper  
113 100  
111 103.6 81.8 122.8  
192 18.6 15.0 22.4

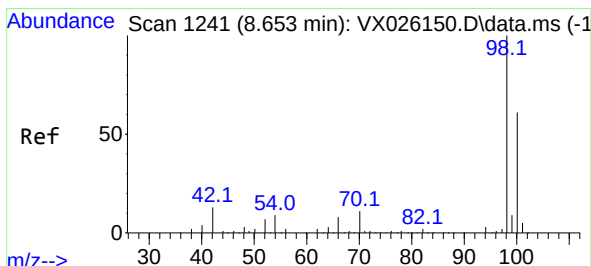
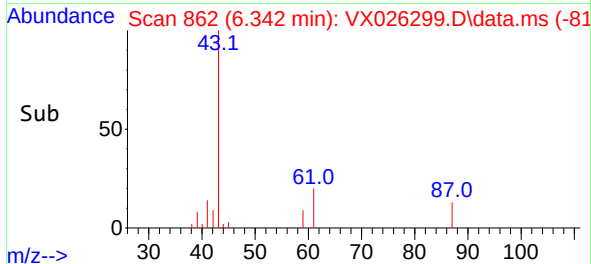
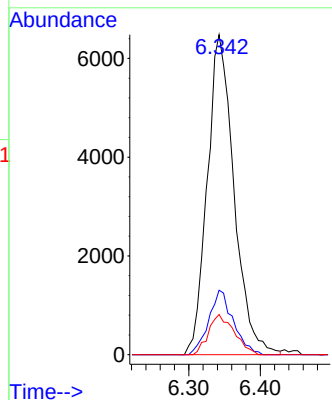
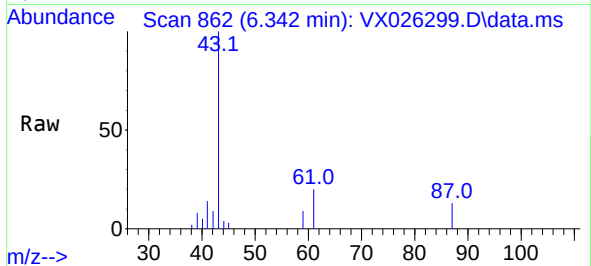




#43  
Isopropyl Acetate  
Concen: 3.163 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: VX026299.D  
Acq: 05 Jan 2022 03:01

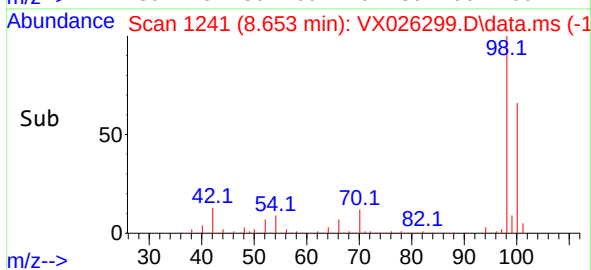
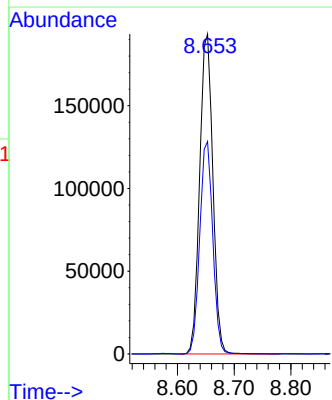
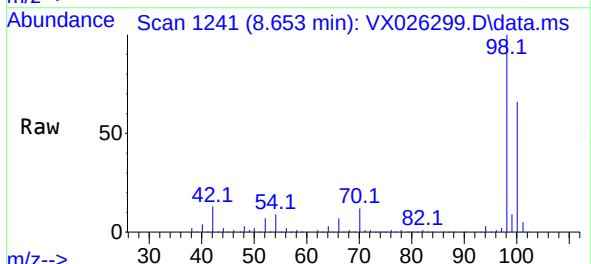
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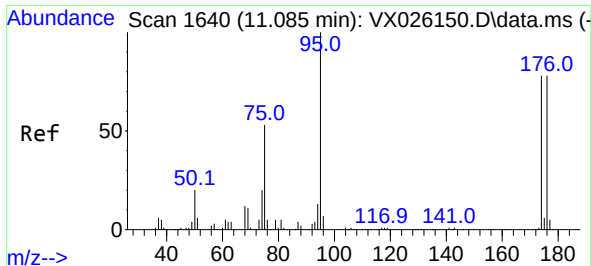
Tgt Ion: 43 Resp: 16841  
Ion Ratio Lower Upper  
43 100  
61 18.5 15.7 23.5  
87 12.1 11.2 16.8



#50  
Toluene-d8  
Concen: 47.979 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX026299.D  
Acq: 05 Jan 2022 03:01

Tgt Ion: 98 Resp: 311804  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.6 78.8

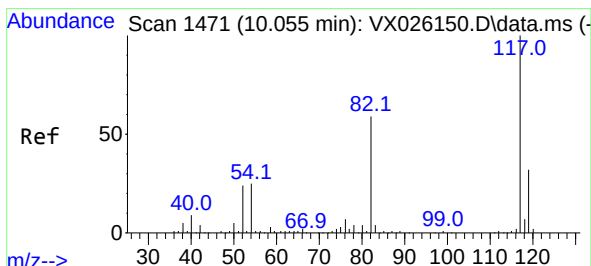
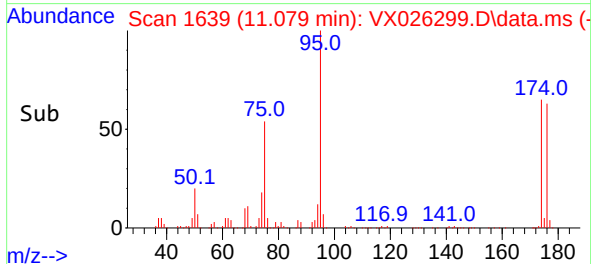
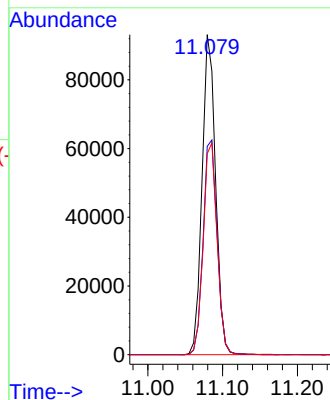
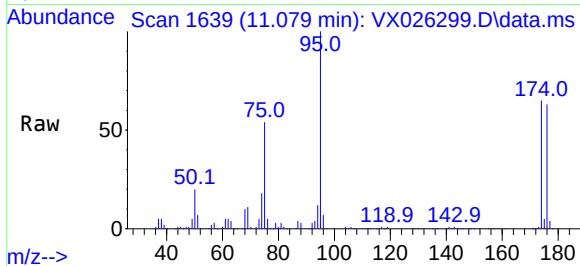




#62  
4-Bromofluorobenzene  
Concen: 50.523 ug/l  
RT: 11.079 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX026299.D  
Acq: 05 Jan 2022 03:01

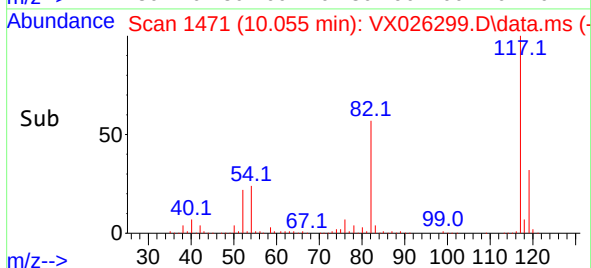
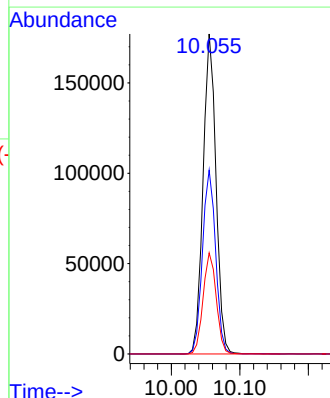
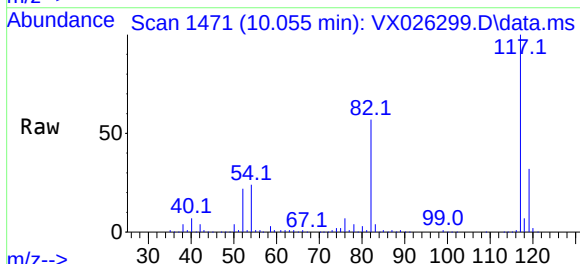
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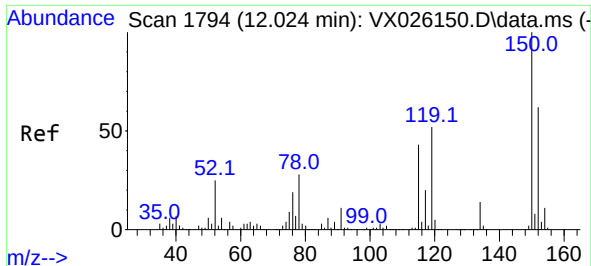
Tgt Ion: 95 Resp: 116883  
Ion Ratio Lower Upper  
95 100  
174 69.5 0.0 157.4  
176 67.8 0.0 154.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026299.D  
Acq: 05 Jan 2022 03:01

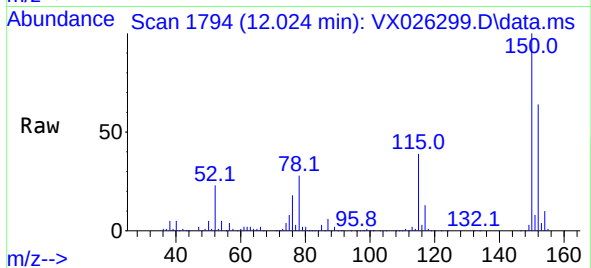
Tgt Ion: 117 Resp: 232594  
Ion Ratio Lower Upper  
117 100  
82 57.5 43.8 65.6  
119 31.6 25.2 37.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX026299.D  
 Acq: 05 Jan 2022 03:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB141821ZHE#05



Tgt Ion:152 Resp: 99297  
 Ion Ratio Lower Upper  
 152 100  
 115 62.7 41.3 123.9  
 150 158.8 0.0 351.8

