

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022522\  
 Data File : VX027190.D  
 Acq On : 25 Feb 2022 15:43  
 Operator : JC/MD  
 Sample : PB142919ZHE#11  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB142919ZHE#11

Quant Time: Feb 25 23:18:00 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

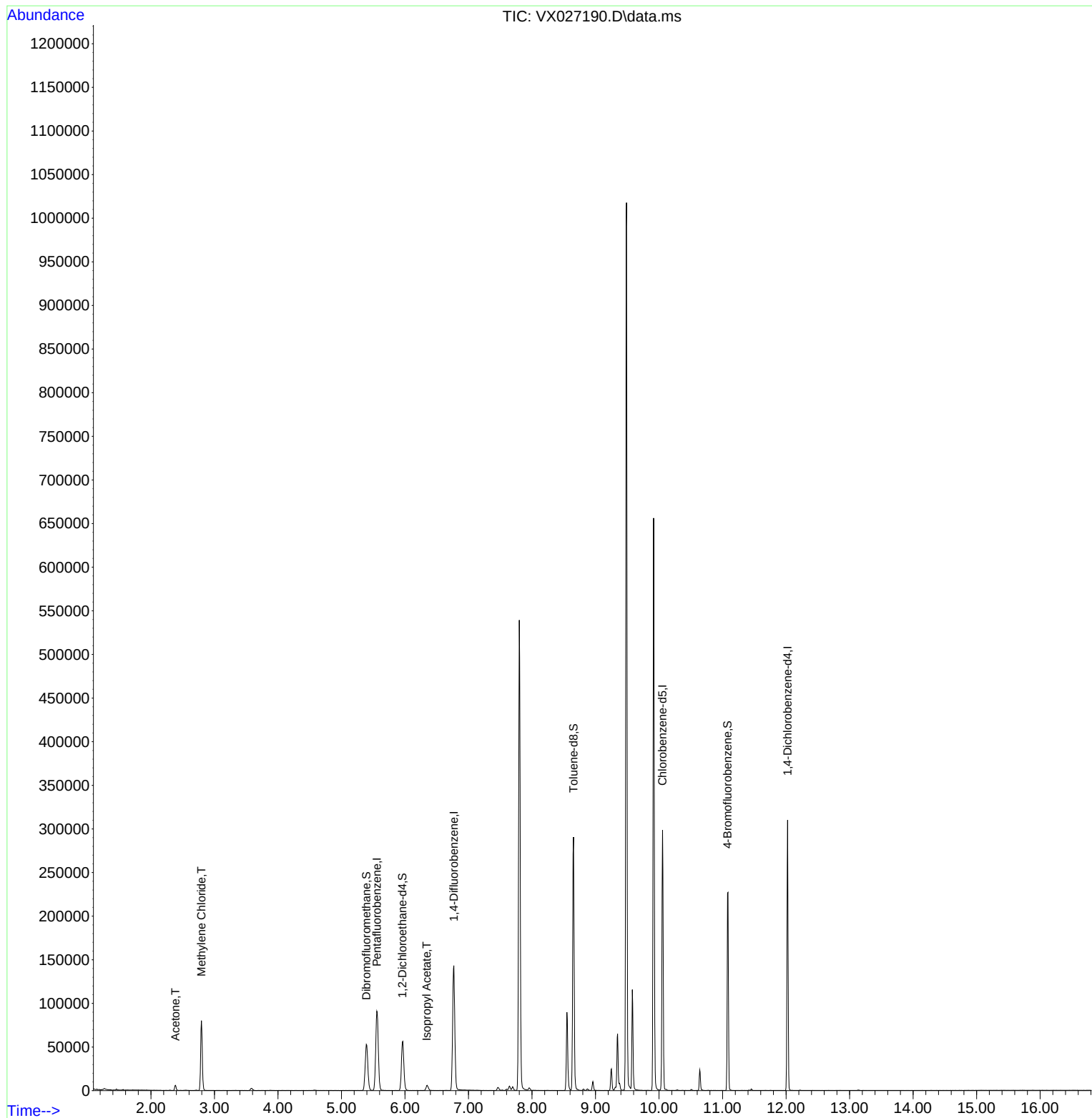
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 89762    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 150447   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 136583   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 62235    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 54885    | 50.911   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 101.820% |          |
| 35) Dibromofluoromethane    | 5.391  | 113   | 47141    | 50.480   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 100.960% |          |
| 50) Toluene-d8              | 8.653  | 98    | 174497   | 49.974   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 99.940%  |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 65303    | 48.722   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 97.440%  |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 16) Acetone                 | 2.386  | 43    | 6305     | 13.321   | ug/l #     | 88       |
| 20) Methylene Chloride      | 2.794  | 84    | 36014    | 36.710   | ug/l       | 96       |
| 43) Isopropyl Acetate       | 6.342  | 43    | 8185     | 3.556    | ug/l       | 97       |
| -----                       |        |       |          |          |            |          |

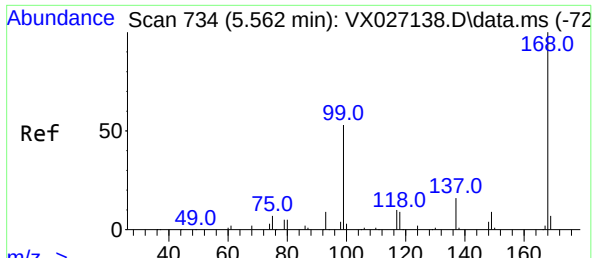
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022522\  
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Sample : PB142919ZHE#11  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142919ZHE#11

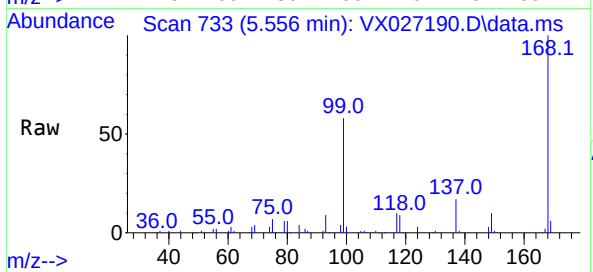
Quant Time: Feb 25 23:18:00 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022322W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 23 13:06:57 2022  
Response via : Initial Calibration



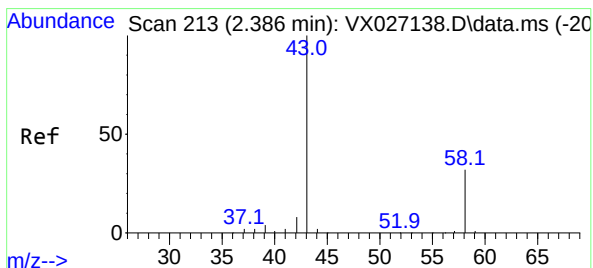
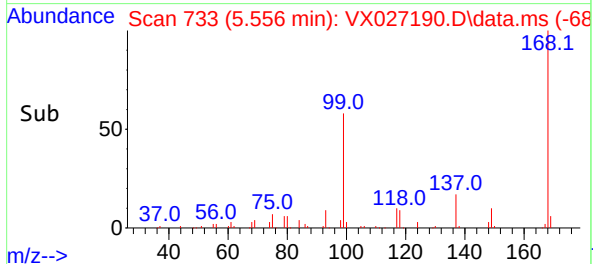
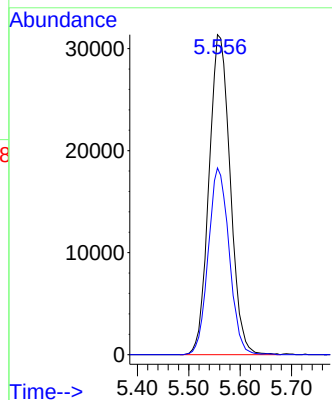


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX027190.D  
Acq: 25 Feb 2022 15:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142919ZHE#11

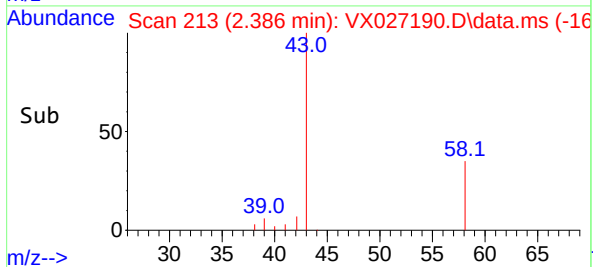
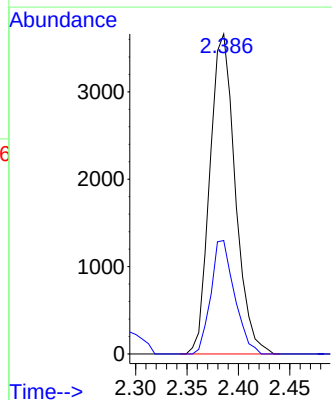
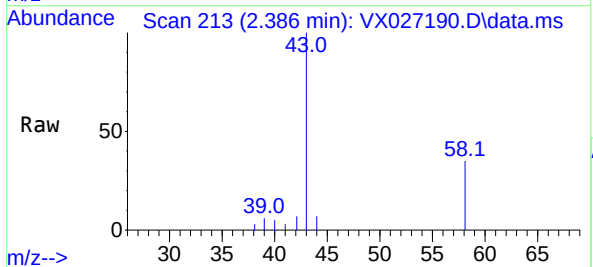


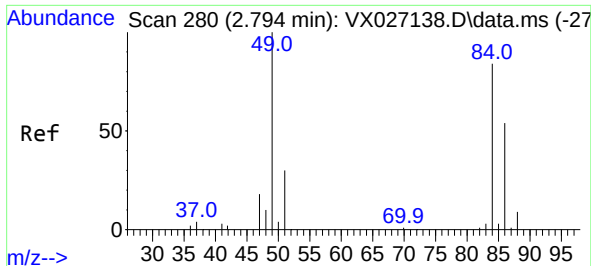
Tgt Ion:168 Resp: 89762  
Ion Ratio Lower Upper  
168 100  
99 58.3 50.3 75.5



#16  
Acetone  
Concen: 13.321 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX027190.D  
Acq: 25 Feb 2022 15:43

Tgt Ion: 43 Resp: 6305  
Ion Ratio Lower Upper  
43 100  
58 35.4 23.0 34.6#



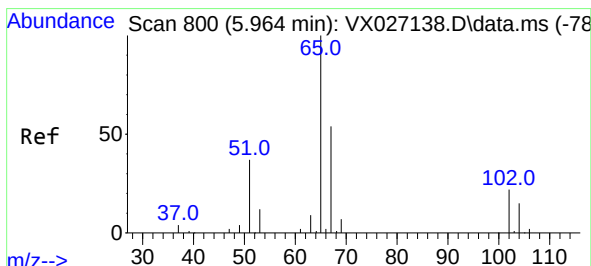
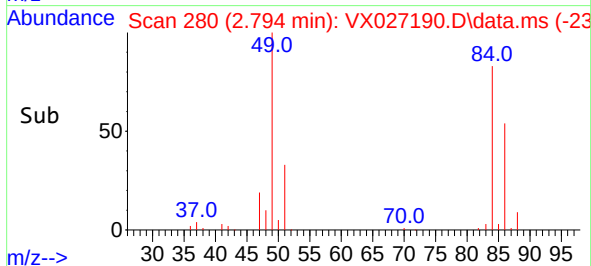
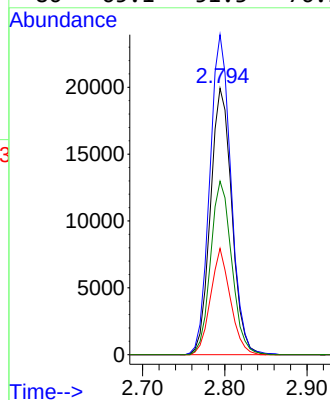
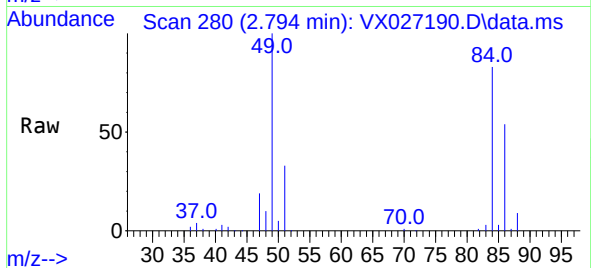


#20  
Methylene Chloride  
Concen: 36.710 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX027190.D  
Acq: 25 Feb 2022 15:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142919ZHE#11

Tgt Ion: 84 Resp: 36014

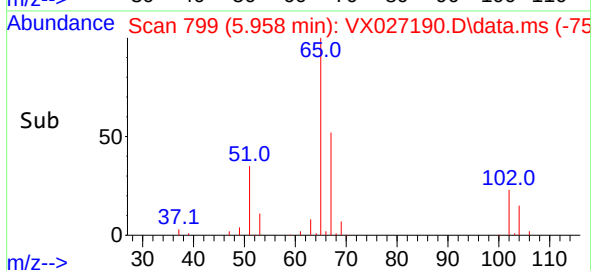
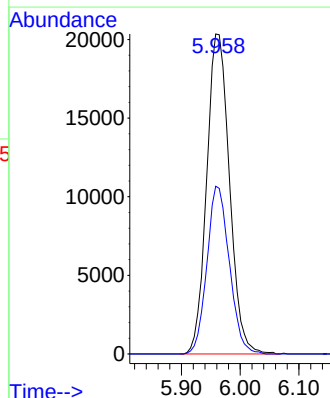
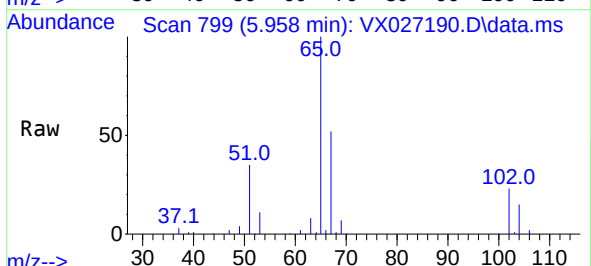
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 120.1 | 101.5 | 152.3 |
| 51  | 39.9  | 31.2  | 46.8  |
| 86  | 65.1  | 51.3  | 76.9  |

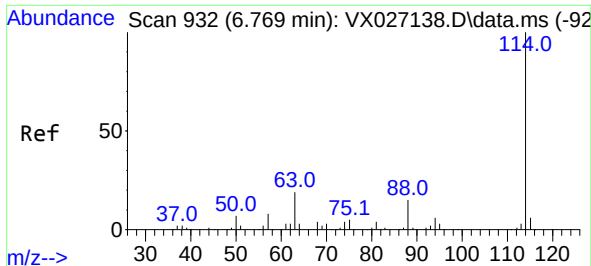


#33  
1,2-Dichloroethane-d4  
Concen: 50.911 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.006 min  
Lab File: VX027190.D  
Acq: 25 Feb 2022 15:43

Tgt Ion: 65 Resp: 54885

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 51.5  | 0.0   | 100.8 |

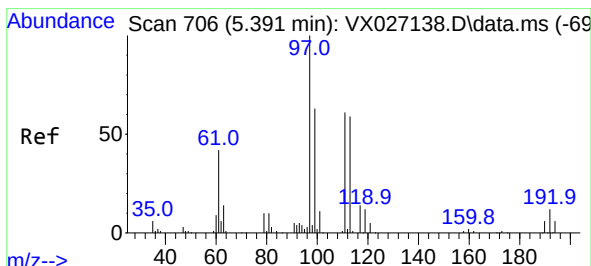
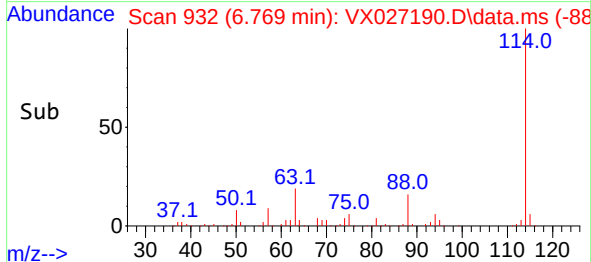
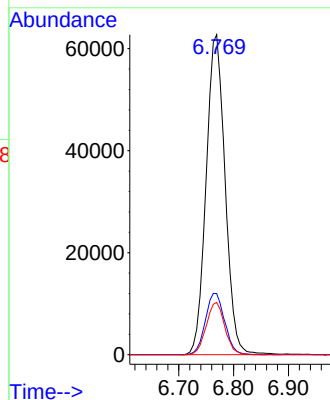
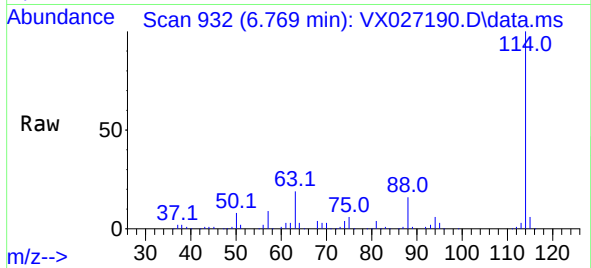




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX027190.D  
Acq: 25 Feb 2022 15:43

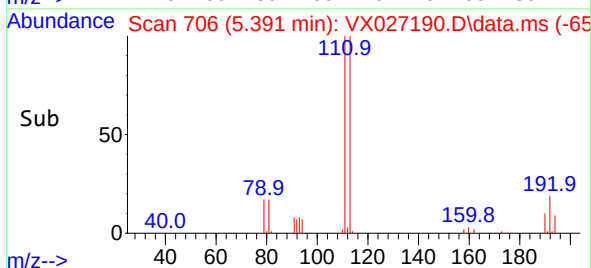
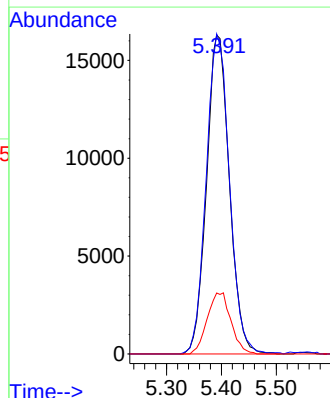
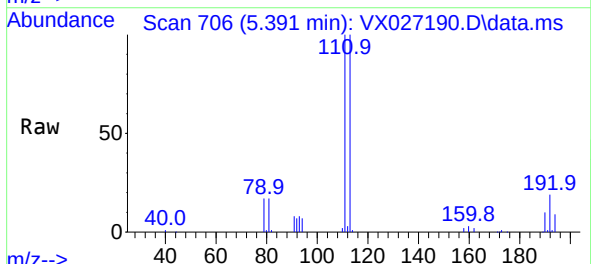
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142919ZHE#11

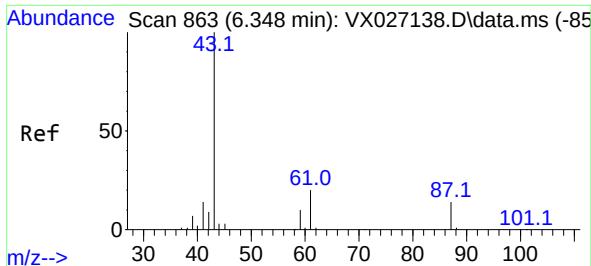
Tgt Ion:114 Resp: 150447  
Ion Ratio Lower Upper  
114 100  
63 19.1 0.0 42.8  
88 16.4 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 50.480 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX027190.D  
Acq: 25 Feb 2022 15:43

Tgt Ion:113 Resp: 47141  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.2 121.8  
192 19.9 15.0 22.4

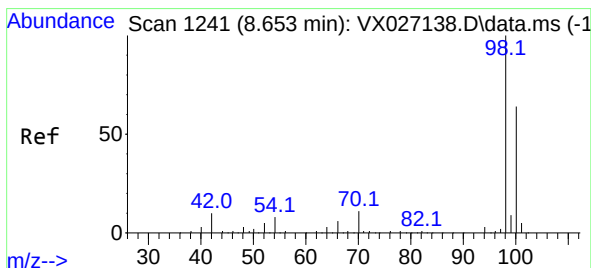
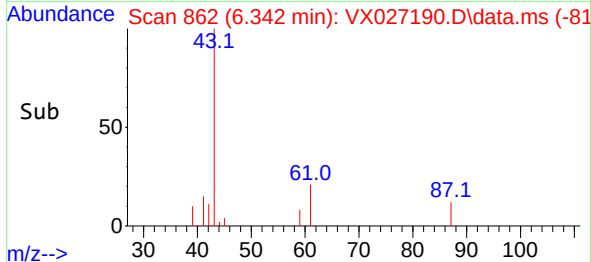
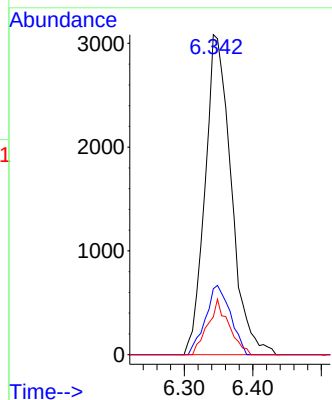
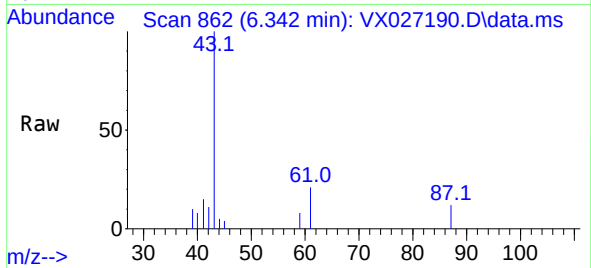




#43  
Isopropyl Acetate  
Concen: 3.556 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: VX027190.D  
Acq: 25 Feb 2022 15:43

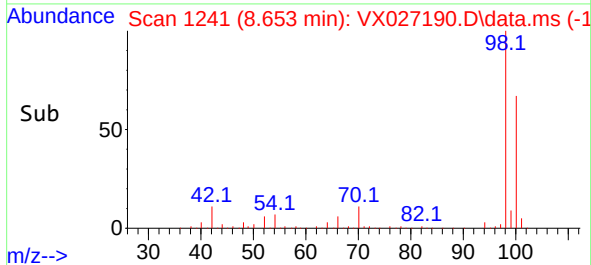
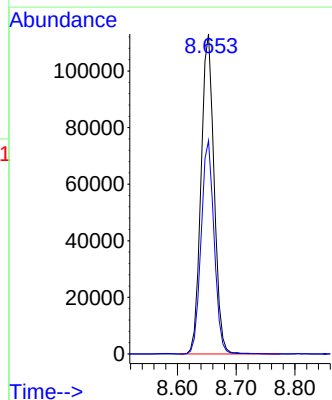
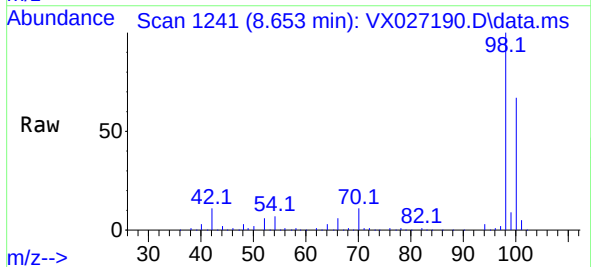
Instrument :  
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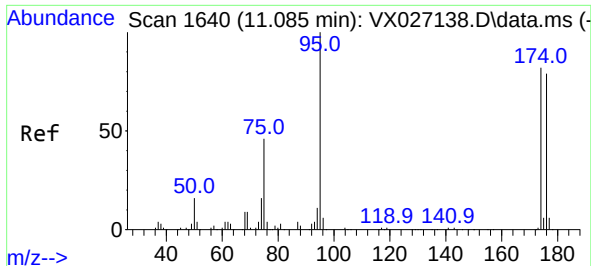
Tgt Ion: 43 Resp: 8185  
Ion Ratio Lower Upper  
43 100  
61 20.5 15.4 23.0  
87 13.9 10.2 15.2



#50  
Toluene-d8  
Concen: 49.974 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX027190.D  
Acq: 25 Feb 2022 15:43

Tgt Ion: 98 Resp: 174497  
Ion Ratio Lower Upper  
98 100  
100 66.5 53.2 79.8

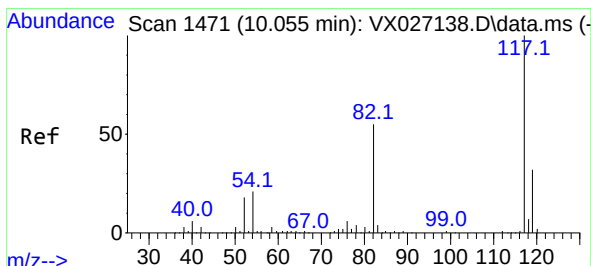
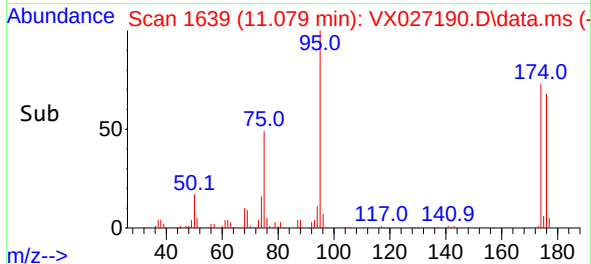
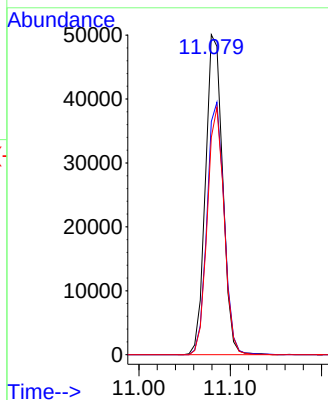
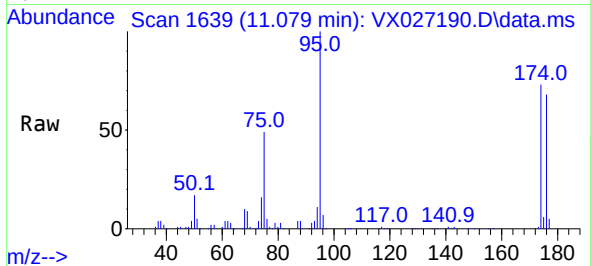




#62  
4-Bromofluorobenzene  
Concen: 48.722 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VX027190.D  
Acq: 25 Feb 2022 15:43

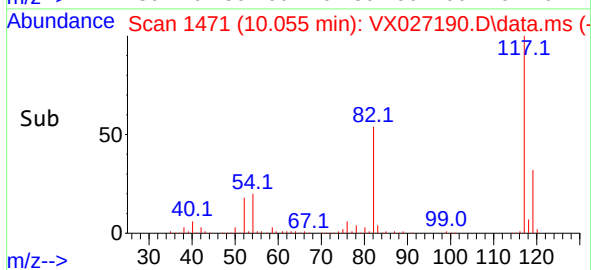
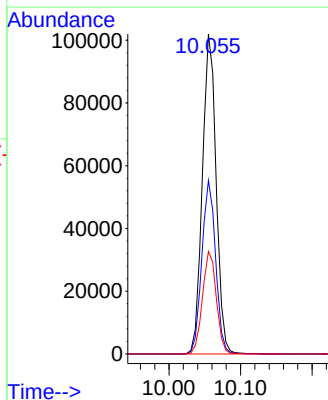
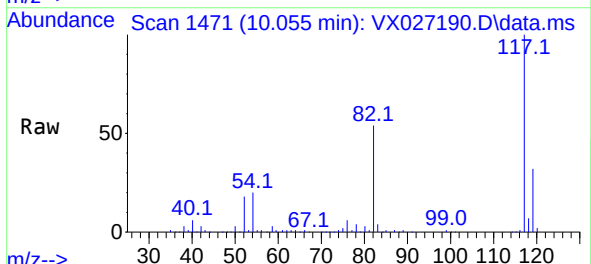
Instrument :  
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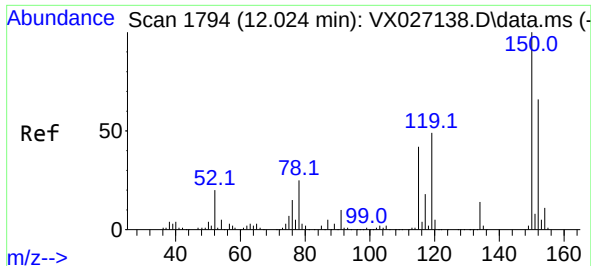
Tgt Ion: 95 Resp: 65303  
Ion Ratio Lower Upper  
95 100  
174 79.1 0.0 148.6  
176 75.8 0.0 141.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX027190.D  
Acq: 25 Feb 2022 15:43

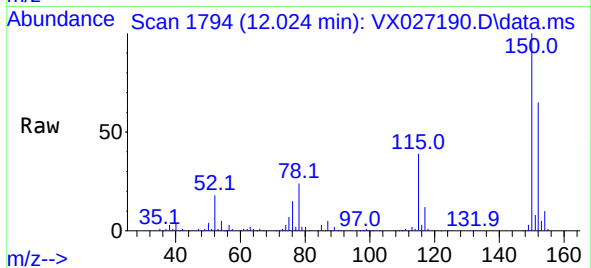
Tgt Ion: 117 Resp: 136583  
Ion Ratio Lower Upper  
117 100  
82 54.3 45.2 67.8  
119 32.0 26.2 39.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX027190.D  
 Acq: 25 Feb 2022 15:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Tgt Ion:152 Resp: 62235  
 Ion Ratio Lower Upper  
 152 100  
 115 60.4 44.2 132.6  
 150 159.8 0.0 348.2

