

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX013122\  
 Data File : VX026684.D  
 Acq On : 31 Jan 2022 16:40  
 Operator : JC/MD  
 Sample : PB142369ZHE#07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB142369ZHE#07

Quant Time: Feb 01 06:28:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 11 14:45:13 2022  
 Response via : Initial Calibration

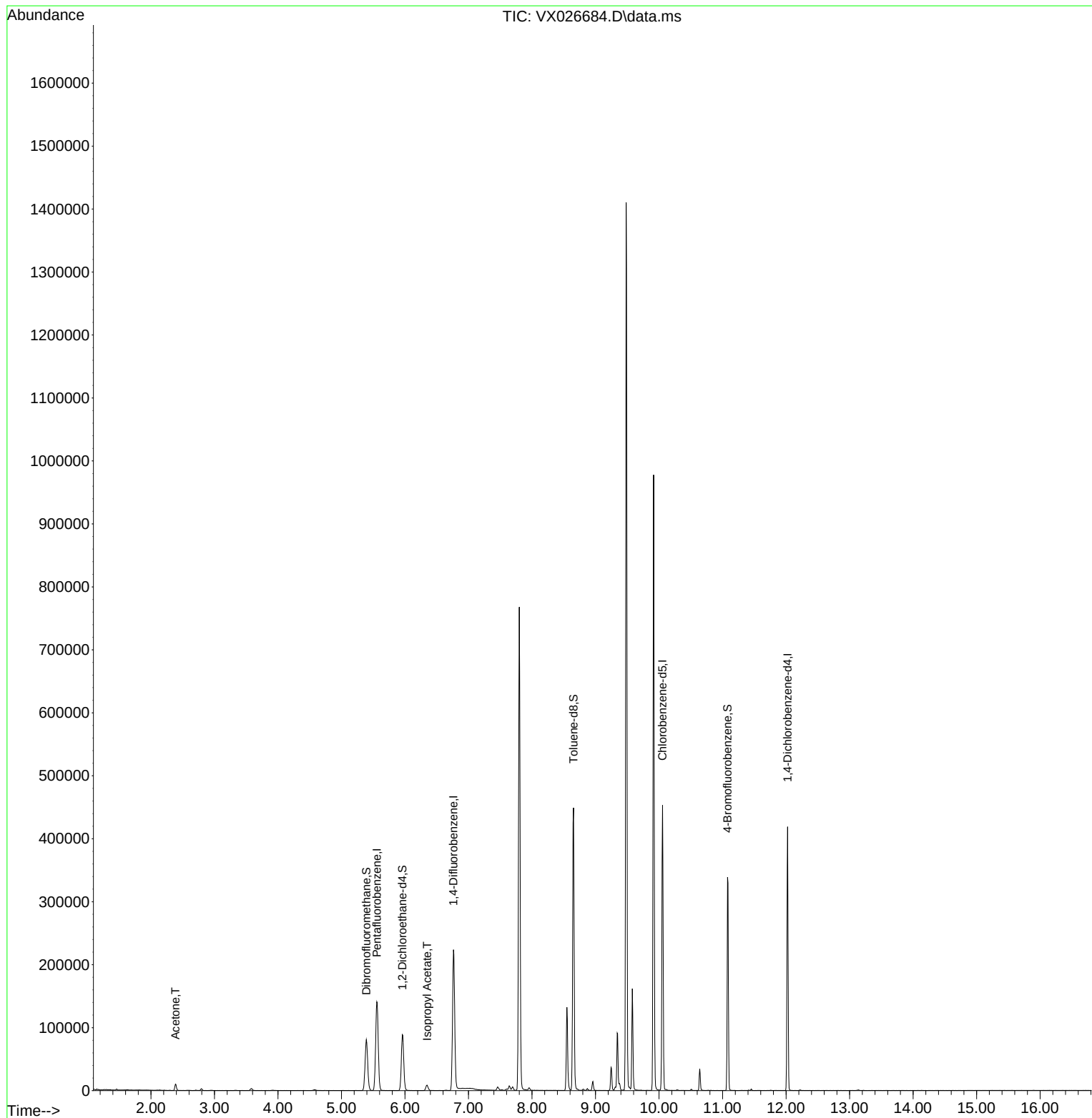
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 134354   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 227821   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 202314   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 84409    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 86456    | 46.065   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 92.140%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 70412    | 47.860   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 95.720%  |
| 50) Toluene-d8              | 8.653  | 98    | 268536   | 50.652   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 101.300% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 94271    | 50.056   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 100.120% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 11840    | 12.371   | ug/l   | 96       |
| 43) Isopropyl Acetate       | 6.348  | 43    | 12311    | 3.244    | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

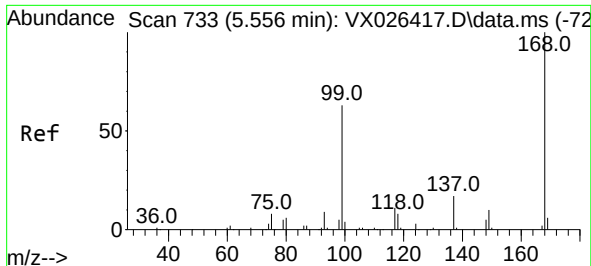
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 11 14:45:13 2022  
Response via : Initial Calibration

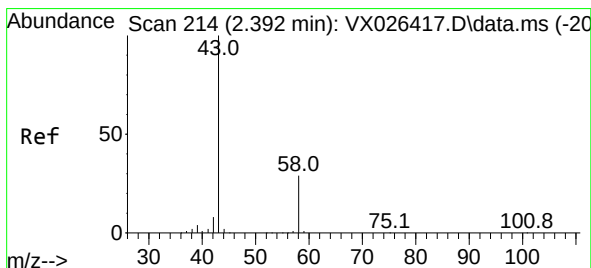
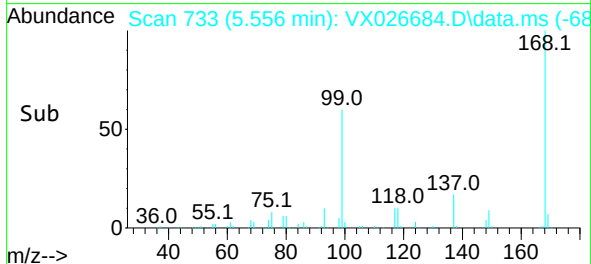
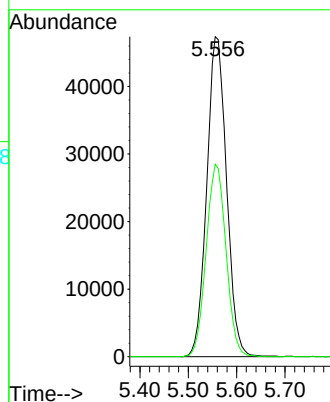
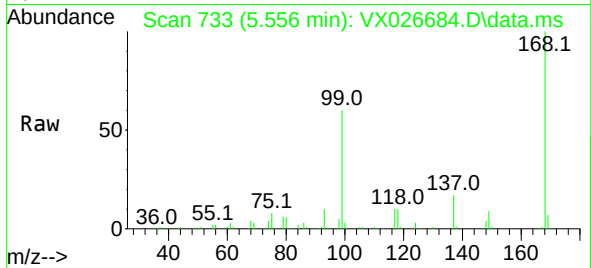




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX026684.D  
Acq: 31 Jan 2022 16:40

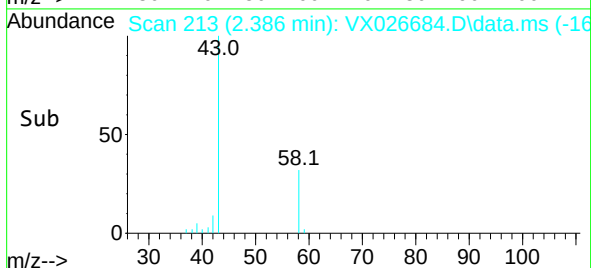
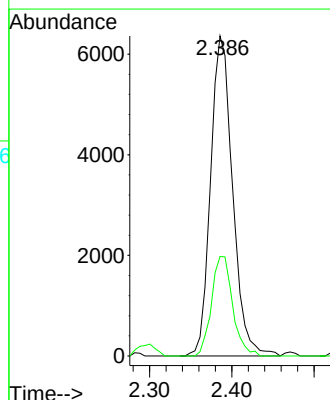
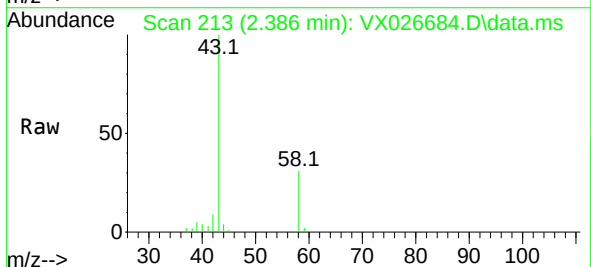
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142369ZHE#07

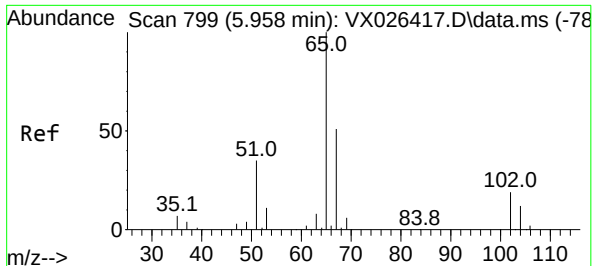
Tgt Ion:168 Resp: 134354  
Ion Ratio Lower Upper  
168 100  
99 60.2 50.3 75.5



#16  
Acetone  
Concen: 12.371 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX026684.D  
Acq: 31 Jan 2022 16:40

Tgt Ion: 43 Resp: 11840  
Ion Ratio Lower Upper  
43 100  
58 31.1 23.0 34.6





#33

1,2-Dichloroethane-d4

Concen: 46.065 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX026684.D

Acq: 31 Jan 2022 16:40

Instrument :

MSVOA\_X

ClientSampleId :

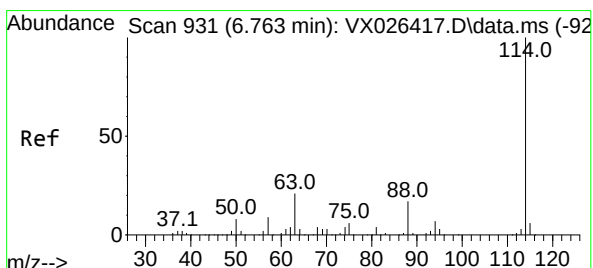
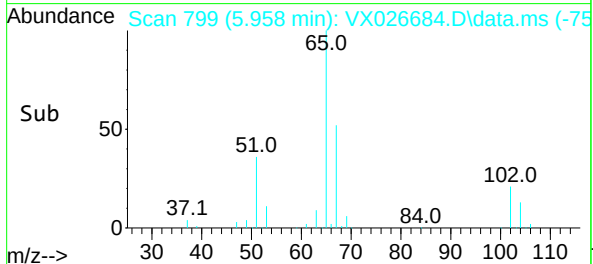
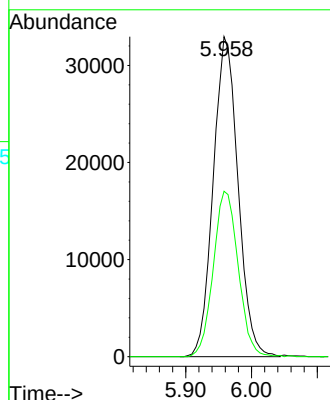
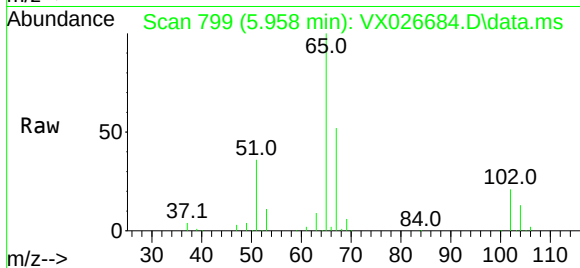
PB142369ZHE#07

Tgt Ion: 65 Resp: 86456

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX026684.D

Acq: 31 Jan 2022 16:40

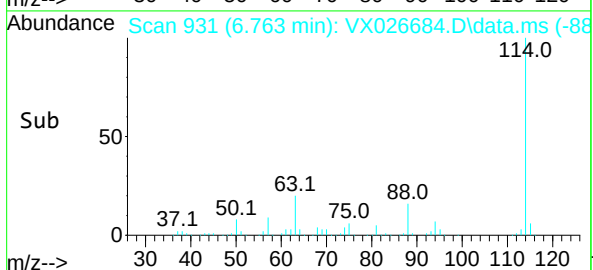
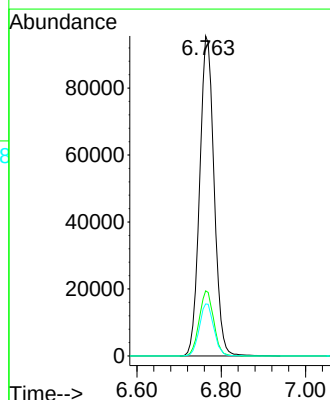
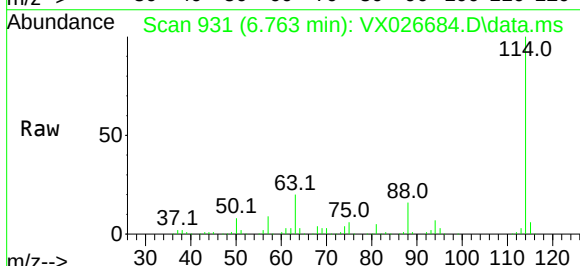
Tgt Ion: 114 Resp: 227821

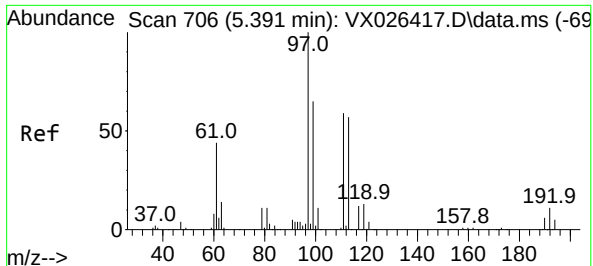
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

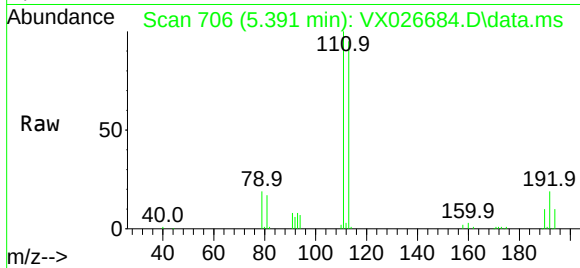
88 16.2 0.0 33.0



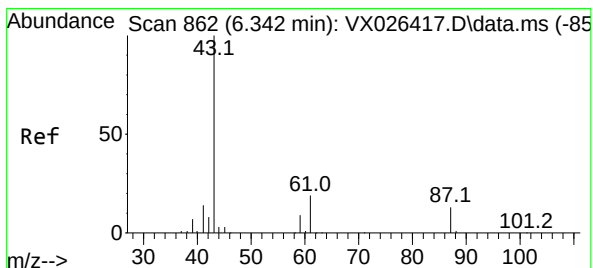
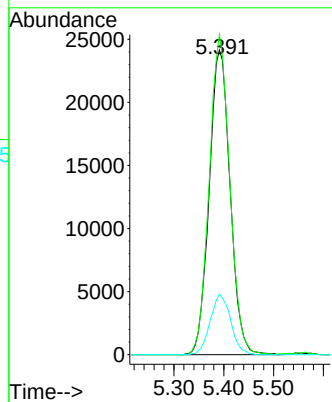
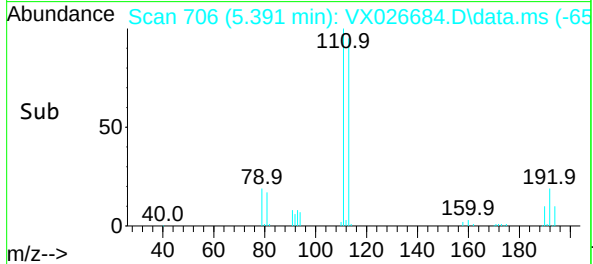


#35  
Dibromofluoromethane  
Concen: 47.860 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX026684.D  
Acq: 31 Jan 2022 16:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142369ZHE#07

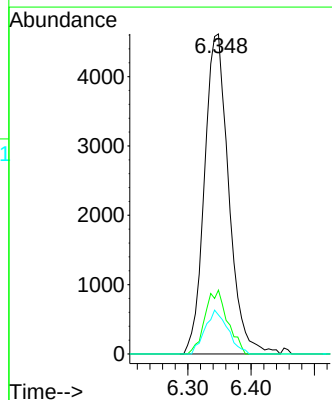
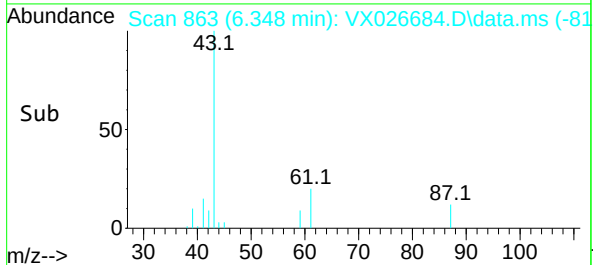
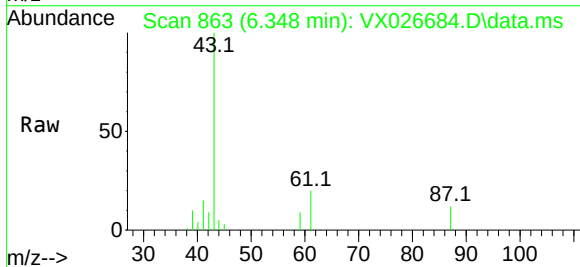


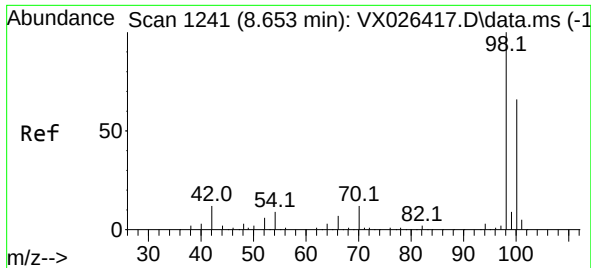
Tgt Ion:113 Resp: 70412  
Ion Ratio Lower Upper  
113 100  
111 103.0 81.2 121.8  
192 19.4 15.0 22.4



#43  
Isopropyl Acetate  
Concen: 3.244 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.006 min  
Lab File: VX026684.D  
Acq: 31 Jan 2022 16:40

Tgt Ion: 43 Resp: 12311  
Ion Ratio Lower Upper  
43 100  
61 18.6 15.4 23.0  
87 12.9 10.2 15.2

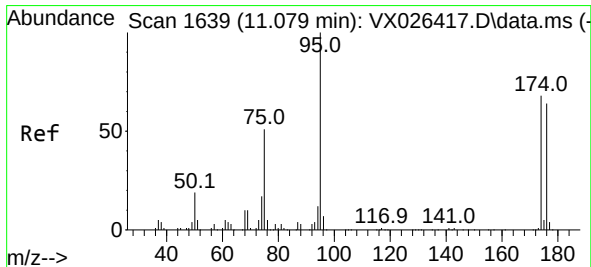
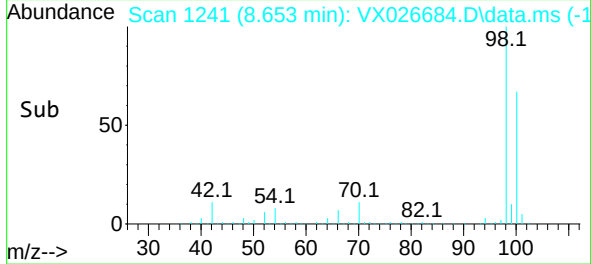
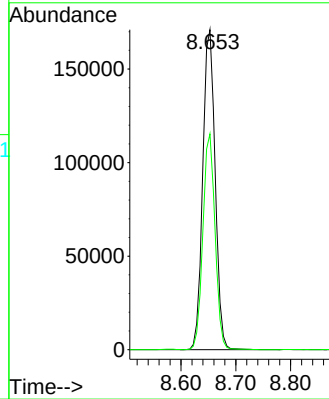
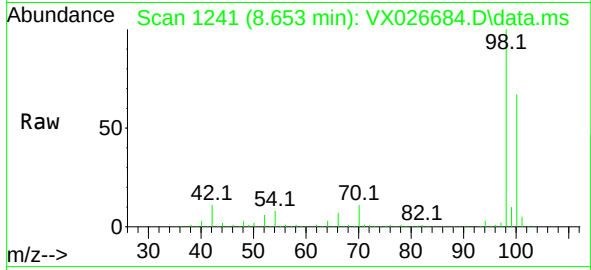




#50  
Toluene-d8  
Concen: 50.652 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX026684.D  
Acq: 31 Jan 2022 16:40

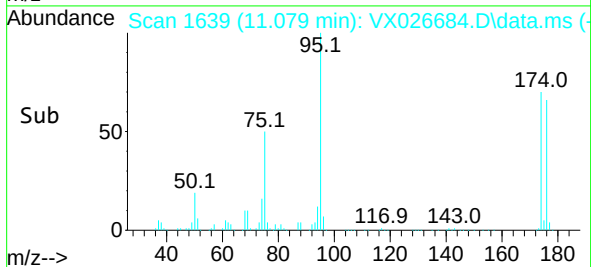
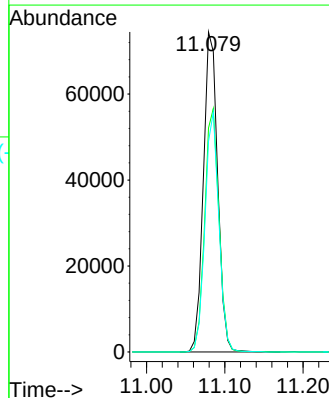
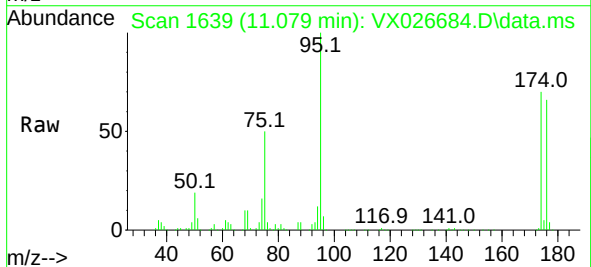
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142369ZHE#07

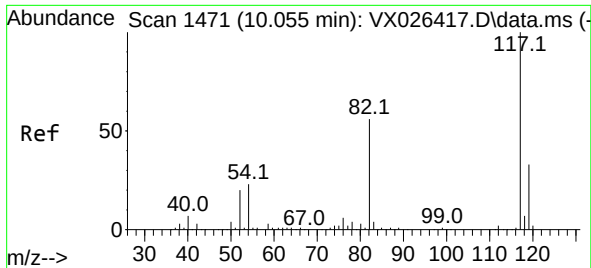
Tgt Ion: 98 Resp: 268536  
Ion Ratio Lower Upper  
98 100  
100 66.2 53.2 79.8



#62  
4-Bromofluorobenzene  
Concen: 50.056 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX026684.D  
Acq: 31 Jan 2022 16:40

Tgt Ion: 95 Resp: 94271  
Ion Ratio Lower Upper  
95 100  
174 75.9 0.0 148.6  
176 72.7 0.0 141.4

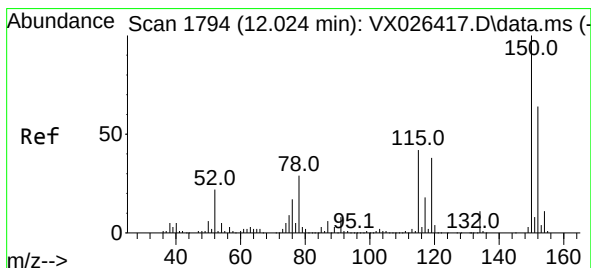
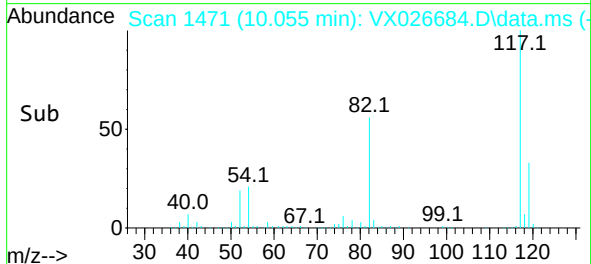
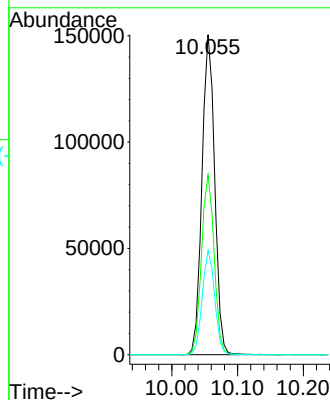
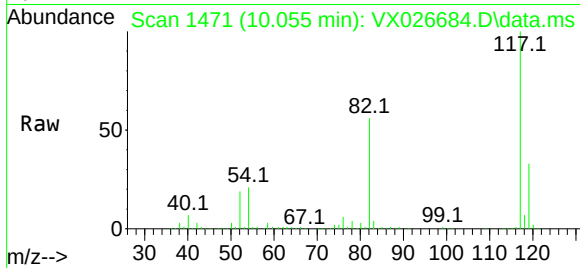




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX026684.D  
Acq: 31 Jan 2022 16:40

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142369ZHE#07

Tgt Ion:117 Resp: 202314  
Ion Ratio Lower Upper  
117 100  
82 56.1 45.2 67.8  
119 32.6 26.2 39.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX026684.D  
Acq: 31 Jan 2022 16:40

Tgt Ion:152 Resp: 84409  
Ion Ratio Lower Upper  
152 100  
115 60.9 44.2 132.6  
150 155.3 0.0 348.2

