

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061324\  
 Data File : VX041855.D  
 Acq On : 13 Jun 2024 15:41  
 Operator : JC/MD  
 Sample : PB161467ZHE#10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB161467ZHE#10

Quant Time: Jun 14 00:59:58 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X052924W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 30 07:36:24 2024  
 Response via : Initial Calibration

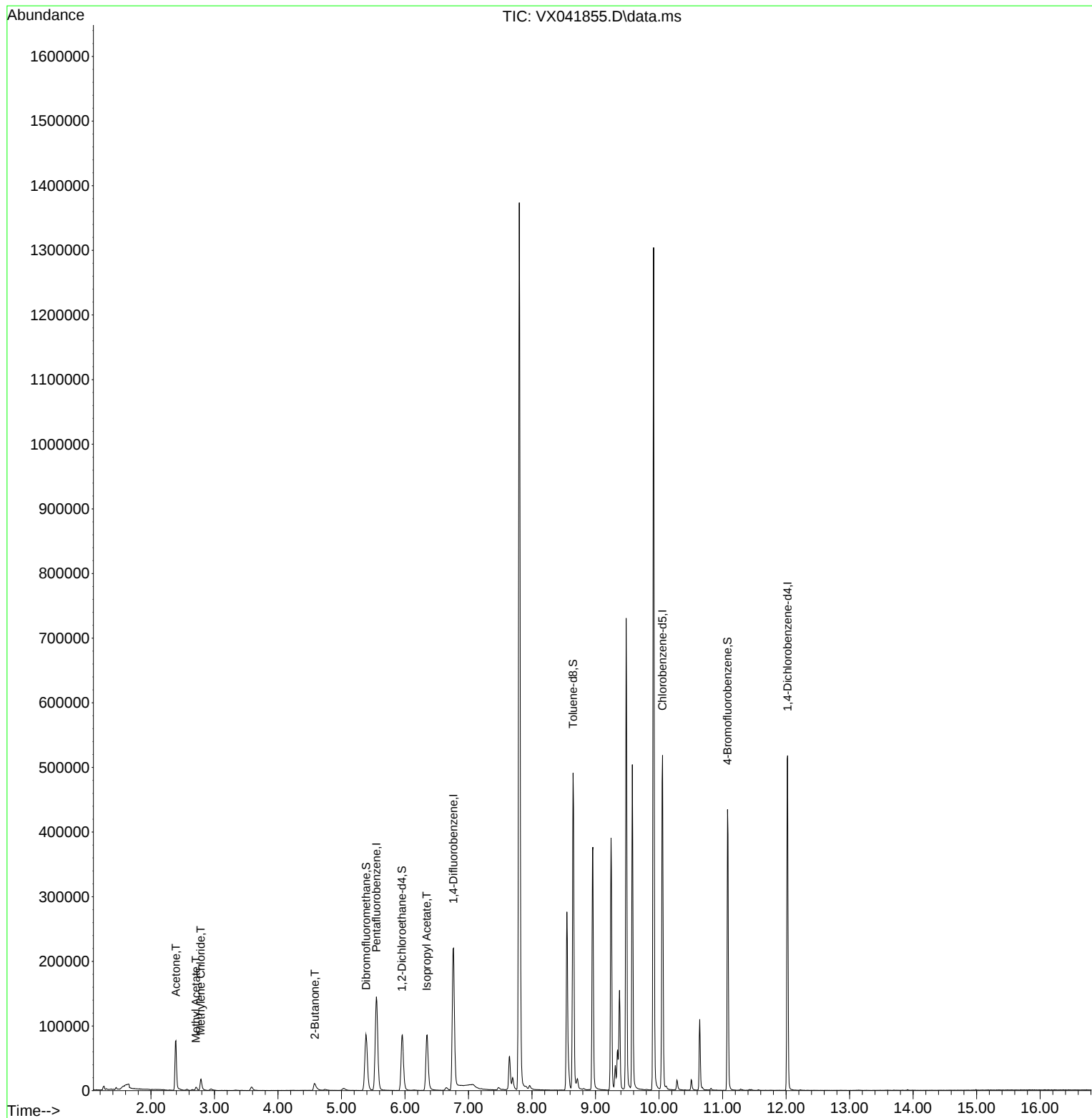
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 158134   | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 251810   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 255713   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 127156   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 81976    | 42.267   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 84.540%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 77500    | 44.515   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 89.020%  |
| 50) Toluene-d8              | 8.647  | 98    | 301076   | 49.492   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 98.980%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 114994   | 51.217   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 102.440% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.392  | 43    | 89777    | 103.872  | ug/l   | 91       |
| 18) Methyl Acetate          | 2.709  | 43    | 7232     | 3.905    | ug/l   | 99       |
| 20) Methylene Chloride      | 2.782  | 84    | 9955     | 5.736    | ug/l   | 86       |
| 25) 2-Butanone              | 4.580  | 43    | 22716    | 18.845   | ug/l   | 97       |
| 43) Isopropyl Acetate       | 6.342  | 43    | 124463   | 30.986   | ug/l   | 96       |
| -----                       |        |       |          |          |        |          |

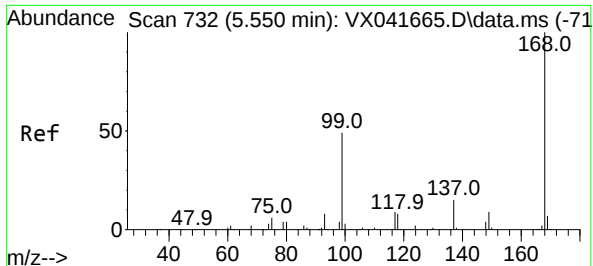
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu May 30 07:36:24 2024  
Response via : Initial Calibration

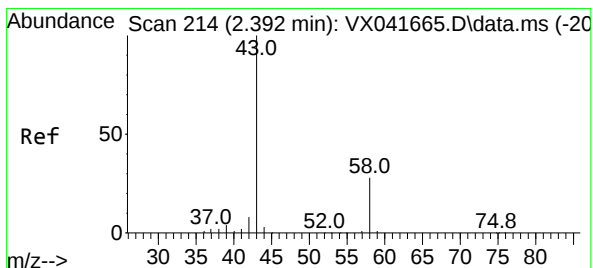
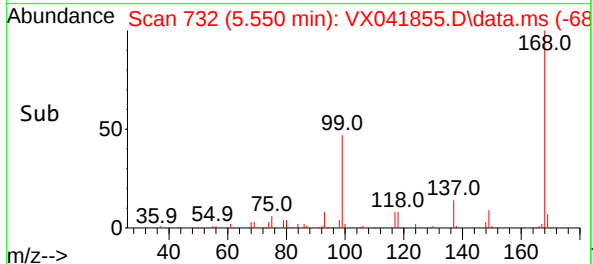
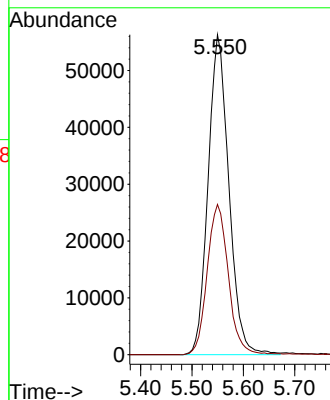
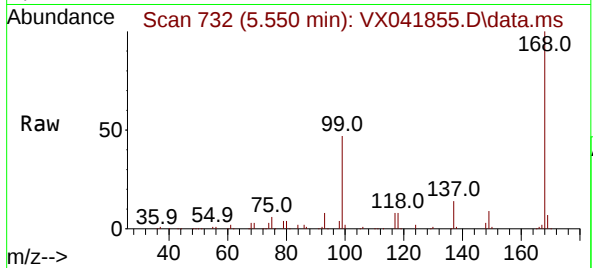




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX041855.D  
Acq: 13 Jun 2024 15:41

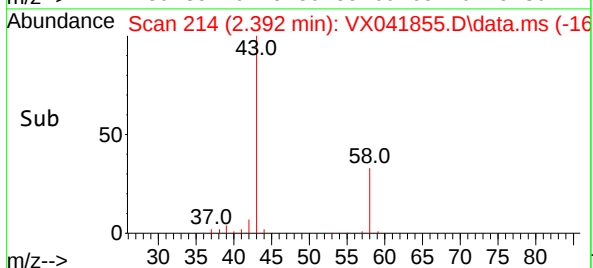
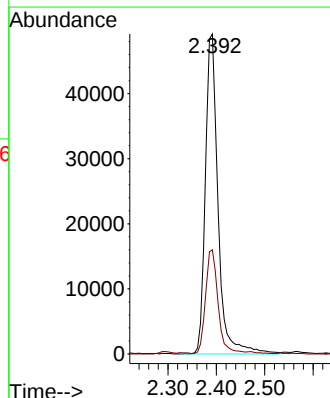
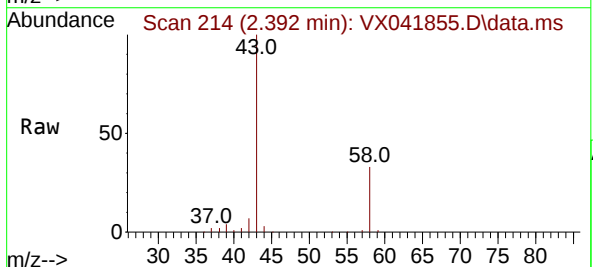
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB161467ZHE#10

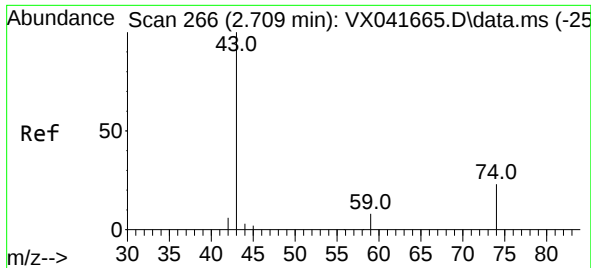
Tgt Ion:168 Resp: 158134  
Ion Ratio Lower Upper  
168 100  
99 47.0 56.6 85.0#



#16  
Acetone  
Concen: 103.872 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX041855.D  
Acq: 13 Jun 2024 15:41

Tgt Ion: 43 Resp: 89777  
Ion Ratio Lower Upper  
43 100  
58 32.2 21.9 32.9

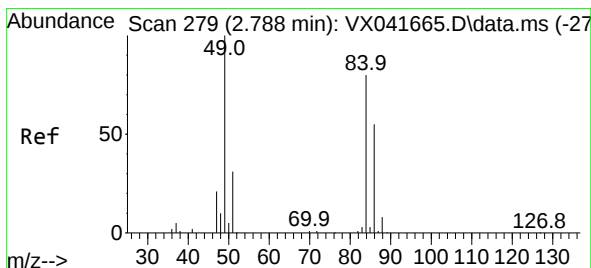
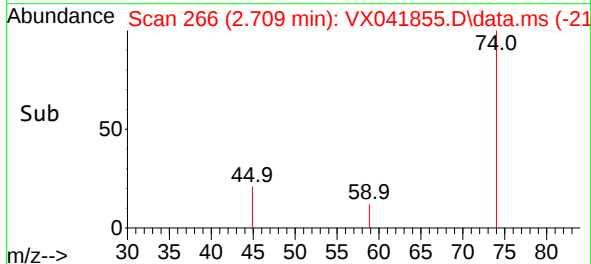
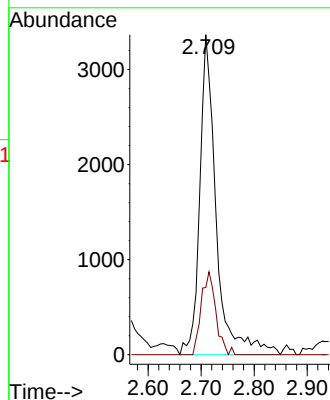
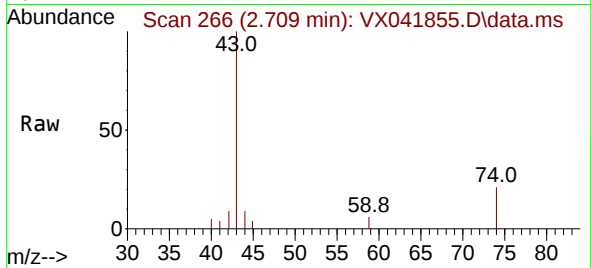




#18  
Methyl Acetate  
Concen: 3.905 ug/l  
RT: 2.709 min Scan# 218  
Delta R.T. -0.000 min  
Lab File: VX041855.D  
Acq: 13 Jun 2024 15:41

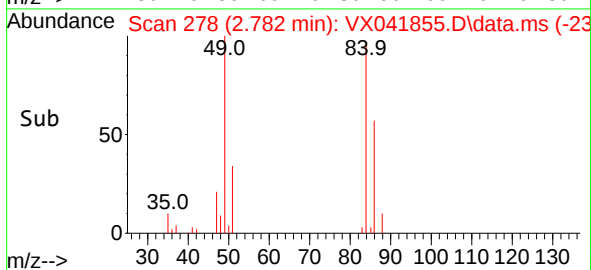
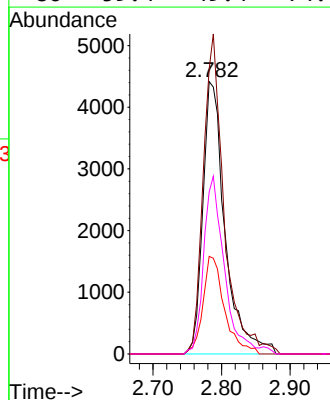
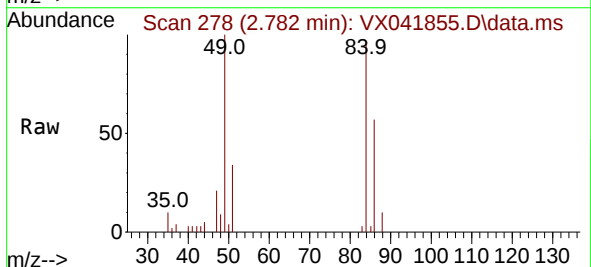
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB161467ZHE#10

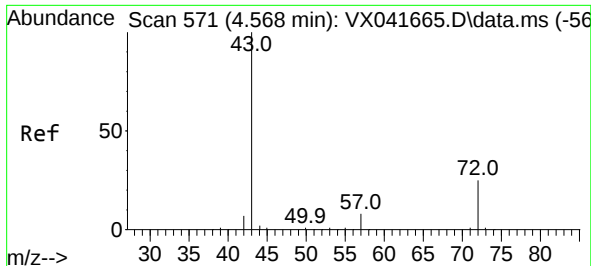
Tgt Ion: 43 Resp: 7232  
Ion Ratio Lower Upper  
43 100  
74 22.9 17.8 26.8



#20  
Methylene Chloride  
Concen: 5.736 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. -0.006 min  
Lab File: VX041855.D  
Acq: 13 Jun 2024 15:41

Tgt Ion: 84 Resp: 9955  
Ion Ratio Lower Upper  
84 100  
49 104.6 103.6 155.4  
51 35.8 33.8 50.6  
86 59.4 49.4 74.0

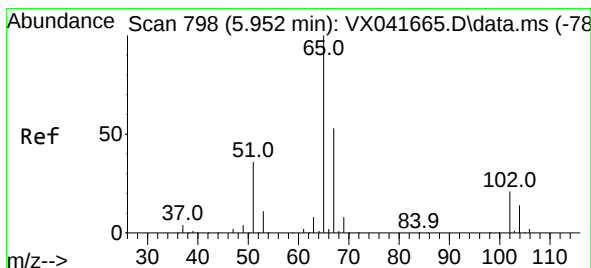
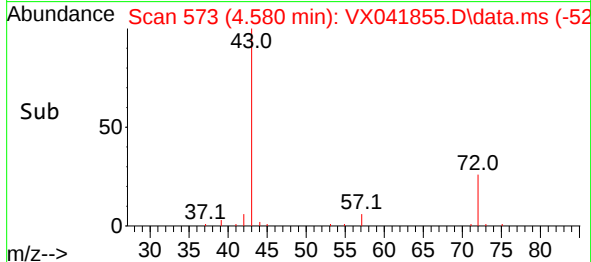
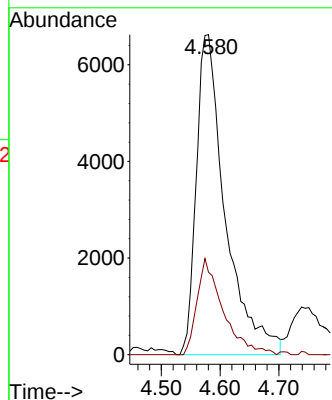
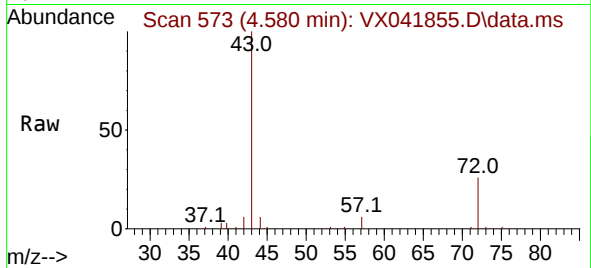




#25  
2-Butanone  
Concen: 18.845 ug/l  
RT: 4.580 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VX041855.D  
Acq: 13 Jun 2024 15:41

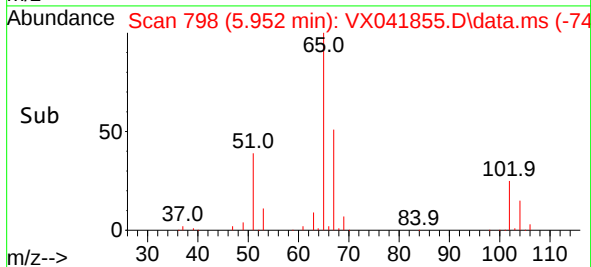
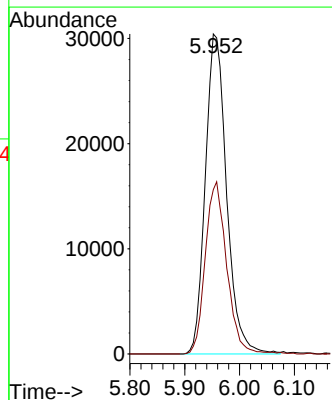
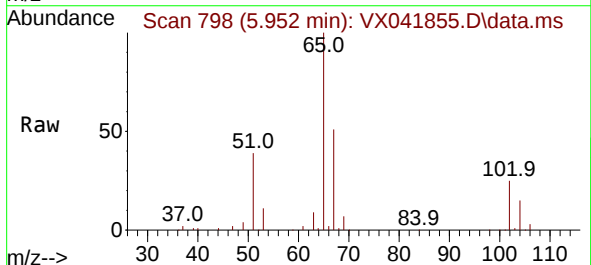
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB161467ZHE#10

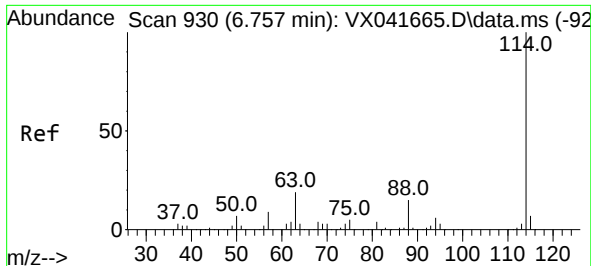
Tgt Ion: 43 Resp: 22716  
Ion Ratio Lower Upper  
43 100  
72 25.7 19.4 29.2



#33  
1,2-Dichloroethane-d4  
Concen: 42.267 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX041855.D  
Acq: 13 Jun 2024 15:41

Tgt Ion: 65 Resp: 81976  
Ion Ratio Lower Upper  
65 100  
67 54.2 0.0 100.2

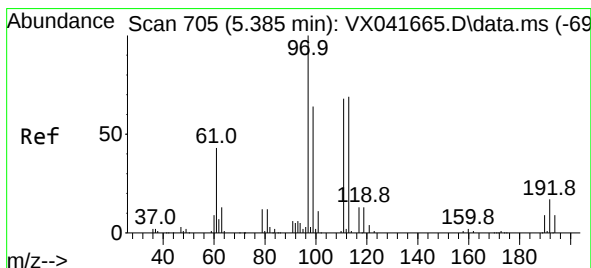
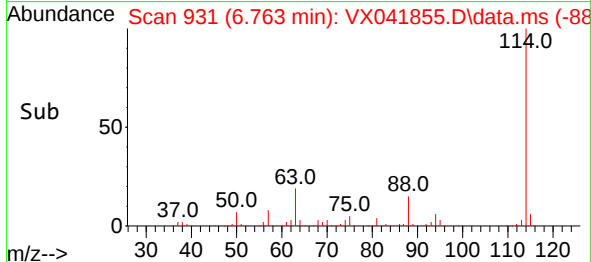
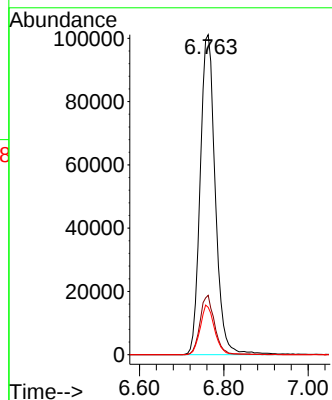
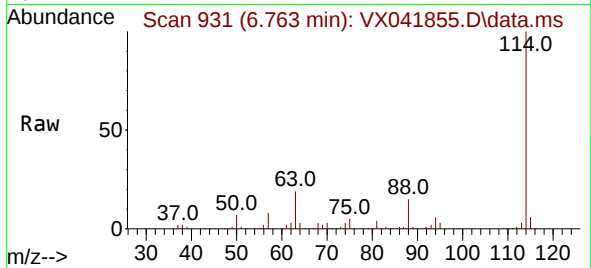




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX041855.D  
Acq: 13 Jun 2024 15:41

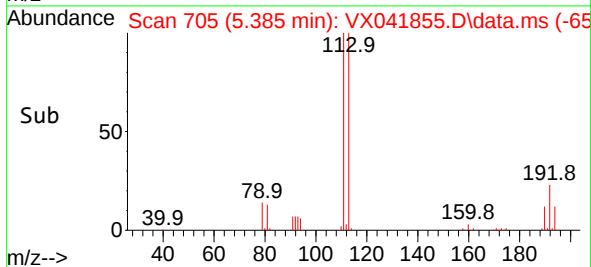
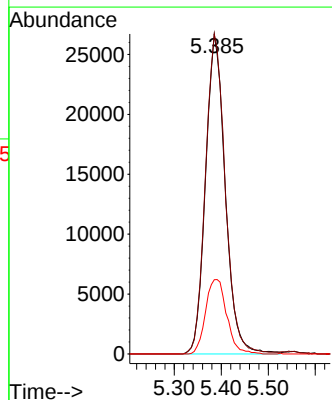
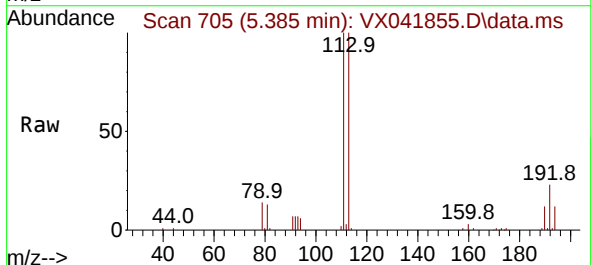
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB161467ZHE#10

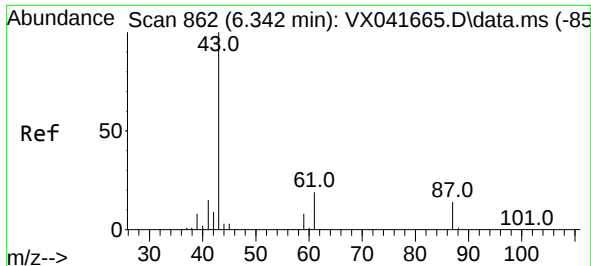
Tgt Ion:114 Resp: 251810  
Ion Ratio Lower Upper  
114 100  
63 18.6 0.0 45.0  
88 14.8 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 44.515 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX041855.D  
Acq: 13 Jun 2024 15:41

Tgt Ion:113 Resp: 77500  
Ion Ratio Lower Upper  
113 100  
111 101.0 82.9 124.3  
192 25.0 13.3 19.9#

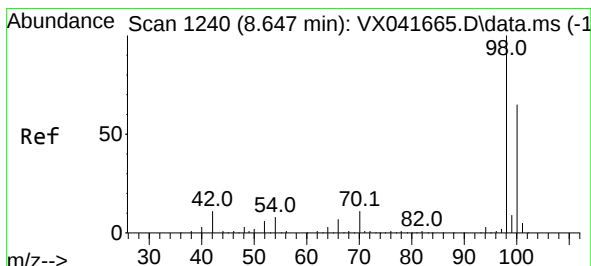
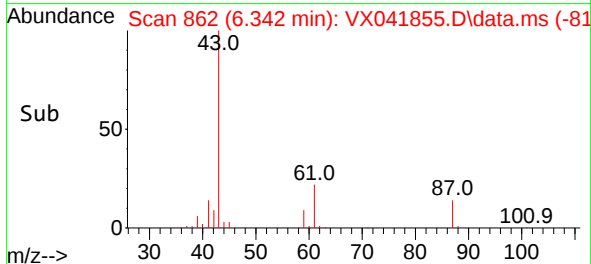
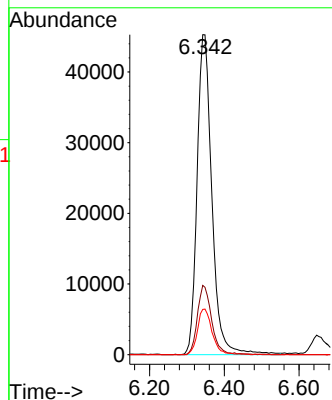
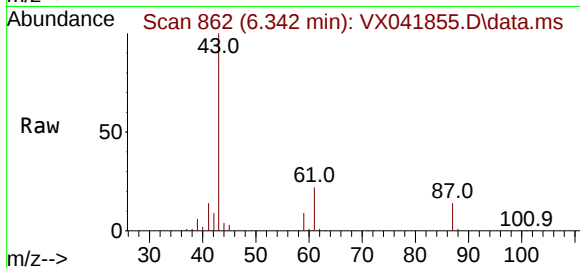




#43  
Isopropyl Acetate  
Concen: 30.986 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. -0.000 min  
Lab File: VX041855.D  
Acq: 13 Jun 2024 15:41

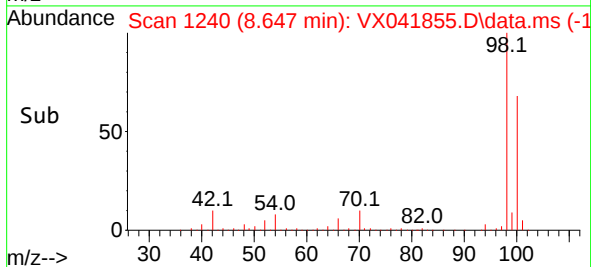
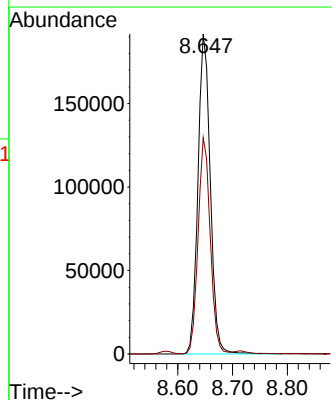
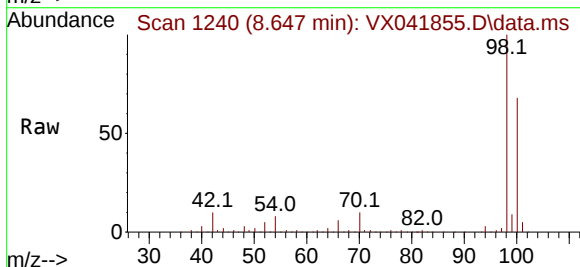
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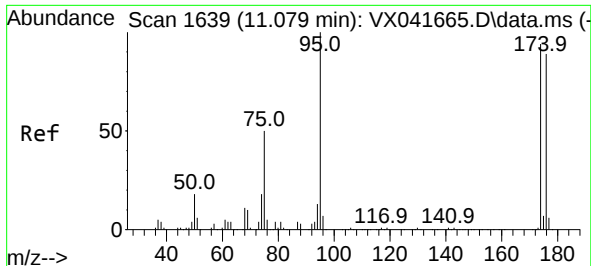
Tgt Ion: 43 Resp: 124463  
Ion Ratio Lower Upper  
43 100  
61 20.9 15.2 22.8  
87 14.1 9.8 14.6



#50  
Toluene-d8  
Concen: 49.492 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX041855.D  
Acq: 13 Jun 2024 15:41

Tgt Ion: 98 Resp: 301076  
Ion Ratio Lower Upper  
98 100  
100 66.3 53.1 79.7

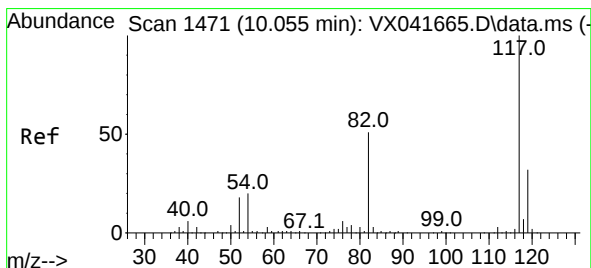
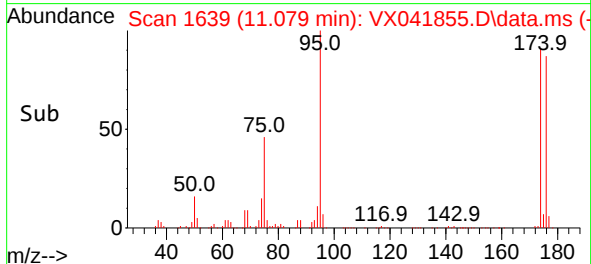
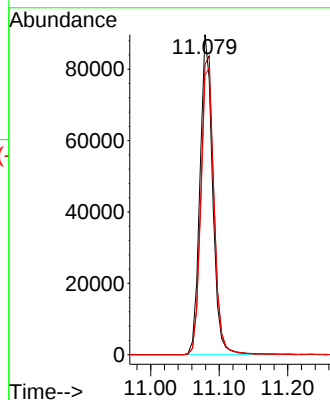
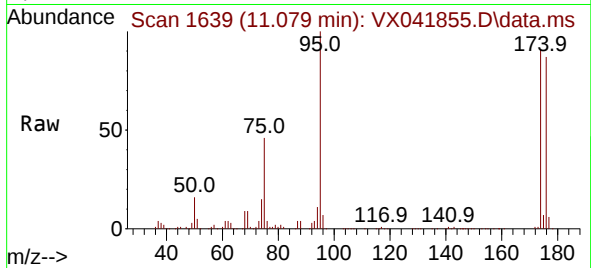




#62  
4-Bromofluorobenzene  
Concen: 51.217 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX041855.D  
Acq: 13 Jun 2024 15:41

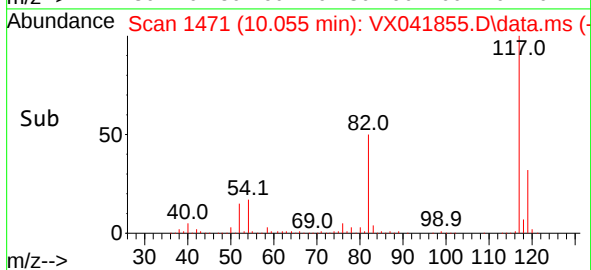
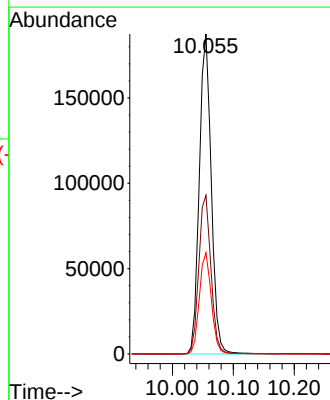
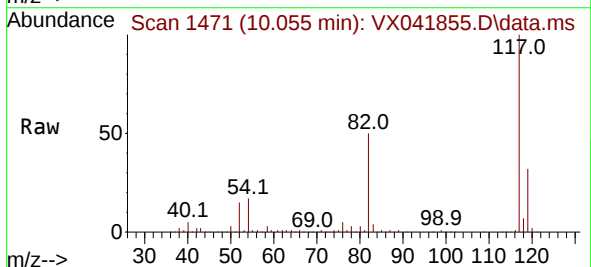
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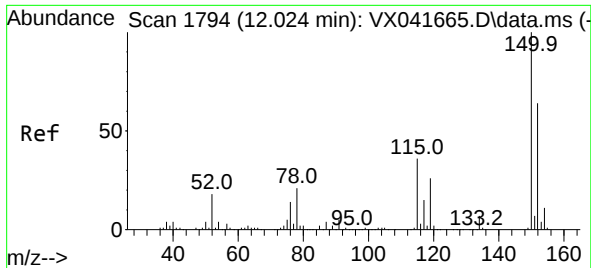
Tgt Ion: 95 Resp: 114994  
Ion Ratio Lower Upper  
95 100  
174 97.4 0.0 135.6  
176 93.7 0.0 131.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX041855.D  
Acq: 13 Jun 2024 15:41

Tgt Ion: 117 Resp: 255713  
Ion Ratio Lower Upper  
117 100  
82 49.5 46.2 69.4  
119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041855.D

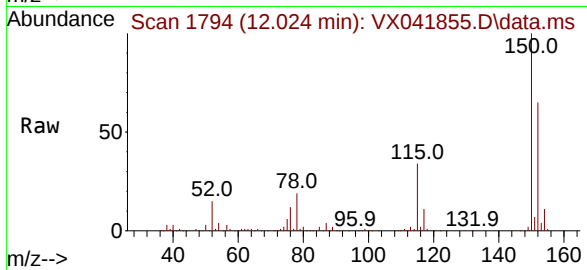
Acq: 13 Jun 2024 15:41

Instrument :

MSVOA\_X

ClientSampleId :

PB161467ZHE#10



Tgt Ion:152 Resp: 127156

Ion Ratio Lower Upper

152 100

115 52.9 43.3 129.9

150 156.1 0.0 345.0

