

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120222\  
 Data File : VX033210.D  
 Acq On : 03 Dec 2022 00:38  
 Operator : JC/MD  
 Sample : PB149377ZHE#04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB149377ZHE#04

Quant Time: Dec 05 01:12:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112222W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 22 13:58:46 2022  
 Response via : Initial Calibration

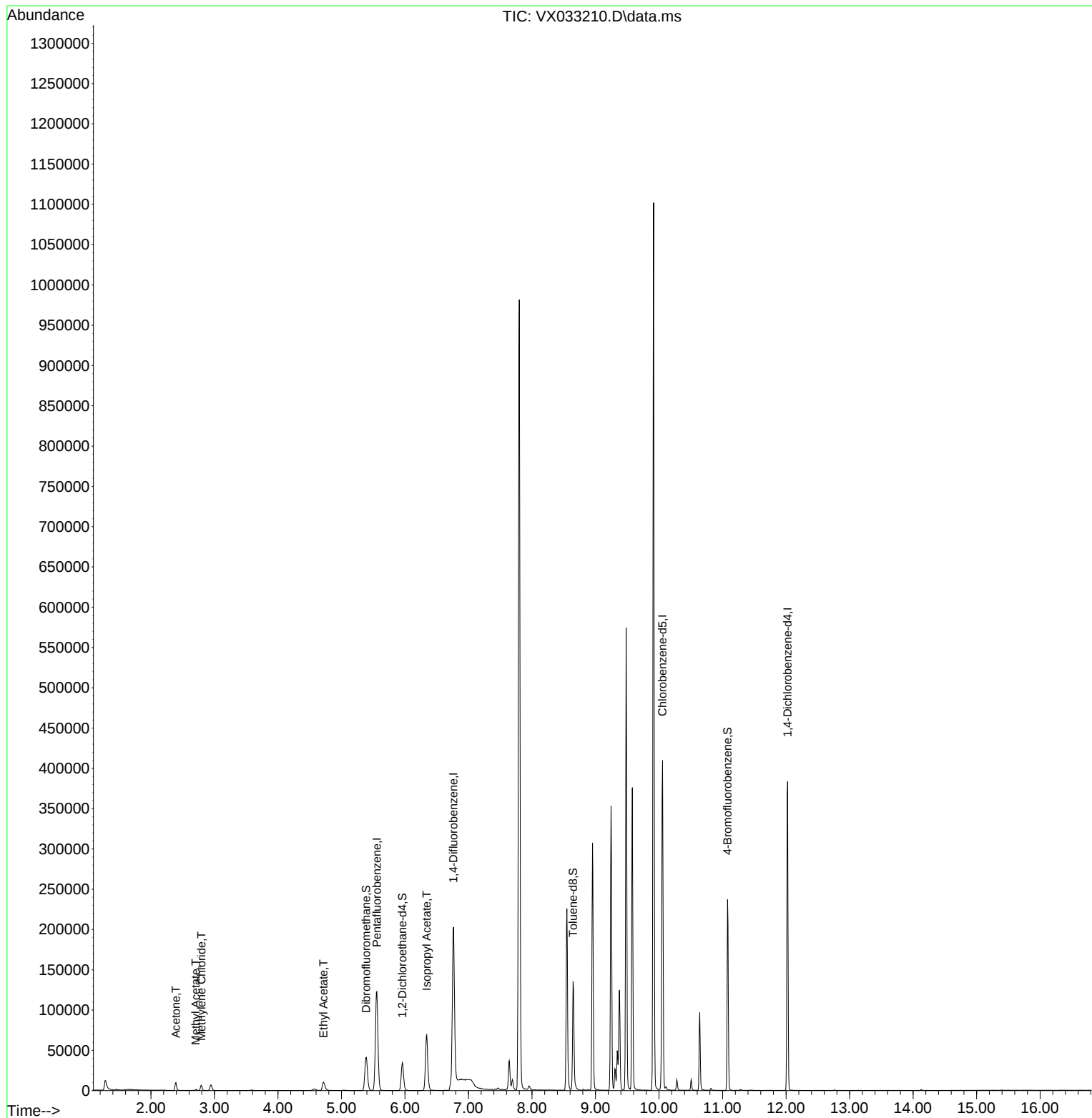
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 114652   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 194967   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 181835   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 79324    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 35104    | 30.086   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 60.180%# |
| 35) Dibromofluoromethane    | 5.385  | 113   | 36760    | 33.444   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 66.880%# |
| 50) Toluene-d8              | 8.647  | 98    | 78949    | 22.694   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 45.380%# |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 60365    | 41.808   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 83.620%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.392  | 43    | 12175    | 23.349   | ug/l   | 100      |
| 18) Methyl Acetate          | 2.703  | 43    | 1945     | 1.347    | ug/l   | 95       |
| 20) Methylene Chloride      | 2.794  | 84    | 3193     | 1.689    | ug/l   | 92       |
| 37) Ethyl Acetate           | 4.715  | 43    | 18804    | 12.264   | ug/l   | 99       |
| 43) Isopropyl Acetate       | 6.342  | 43    | 92438    | 36.453   | ug/l   | 100      |
| -----                       |        |       |          |          |        |          |

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

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Quant Time: Dec 05 01:12:18 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112222W.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 22 13:58:46 2022  
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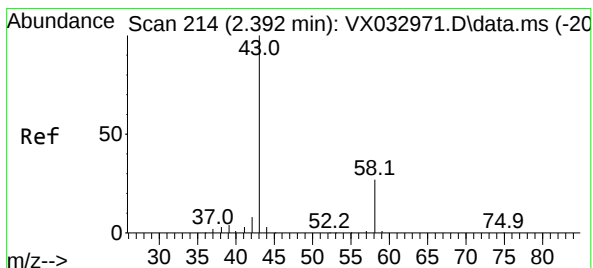
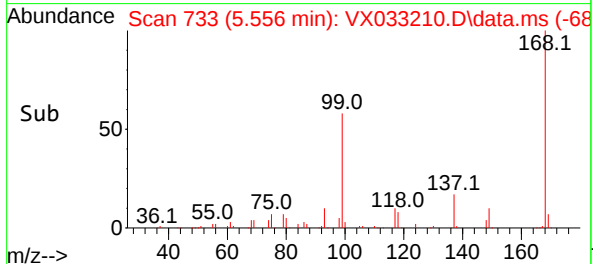
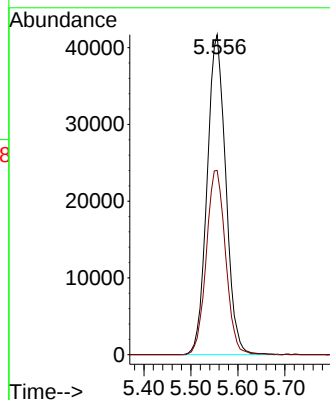
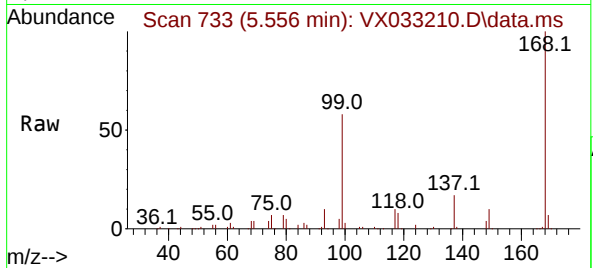




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX033210.D  
Acq: 03 Dec 2022 00:38

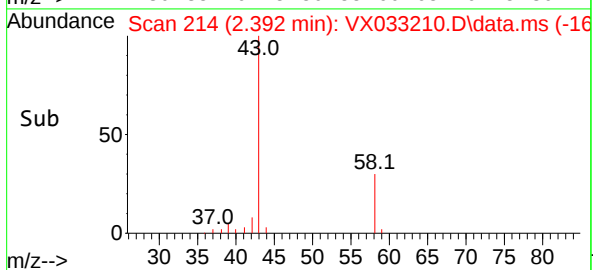
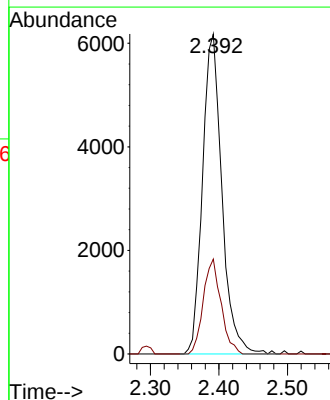
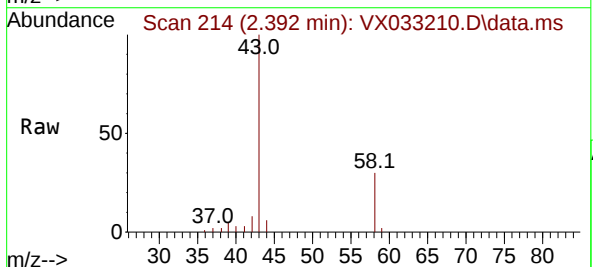
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB149377ZHE#04

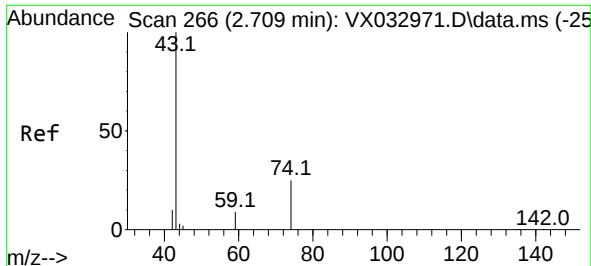
Tgt Ion:168 Resp: 114652  
Ion Ratio Lower Upper  
168 100  
99 57.6 46.1 69.1



#16  
Acetone  
Concen: 23.349 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.012 min  
Lab File: VX033210.D  
Acq: 03 Dec 2022 00:38

Tgt Ion: 43 Resp: 12175  
Ion Ratio Lower Upper  
43 100  
58 29.7 23.8 35.8





#18

Methyl Acetate

Concen: 1.347 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX033210.D

Acq: 03 Dec 2022 00:38

Instrument :

MSVOA\_X

ClientSampleId :

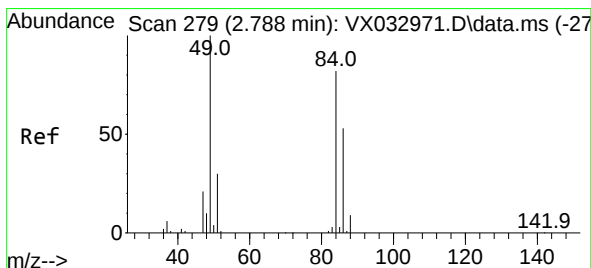
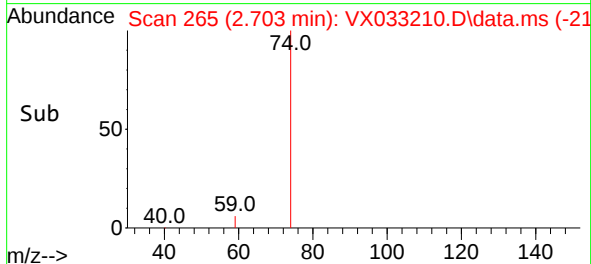
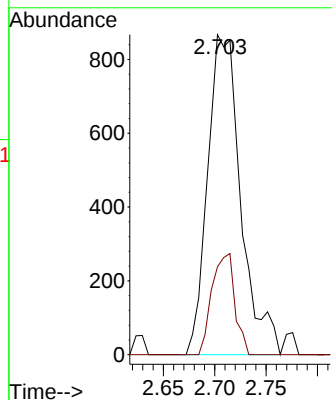
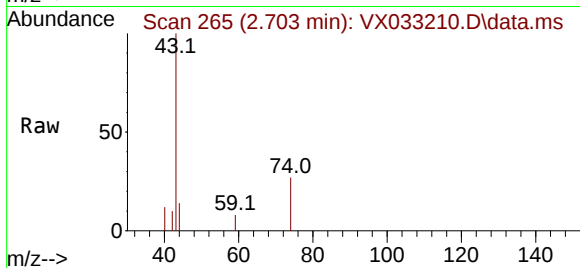
PB149377ZHE#04

Tgt Ion: 43 Resp: 1945

Ion Ratio Lower Upper

43 100

74 21.7 19.4 29.0



#20

Methylene Chloride

Concen: 1.689 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX033210.D

Acq: 03 Dec 2022 00:38

Tgt Ion: 84 Resp: 3193

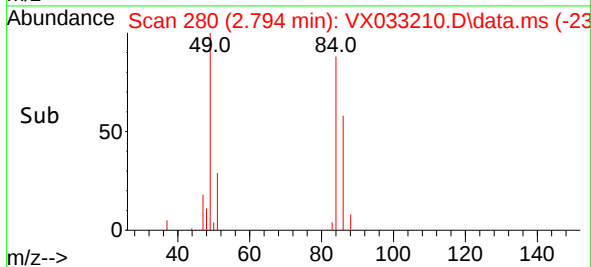
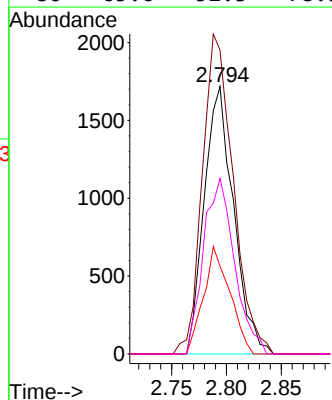
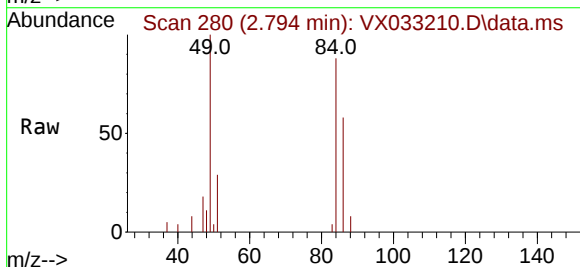
Ion Ratio Lower Upper

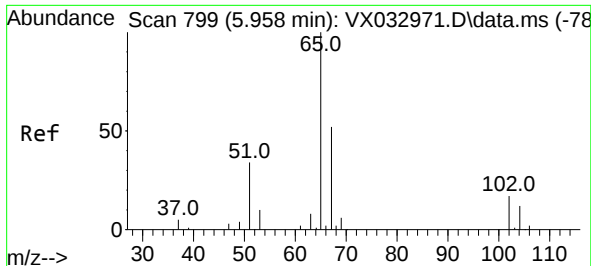
84 100

49 113.6 101.0 151.6

51 32.8 31.1 46.7

86 65.6 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 30.086 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033210.D

Acq: 03 Dec 2022 00:38

Instrument :

MSVOA\_X

ClientSampleId :

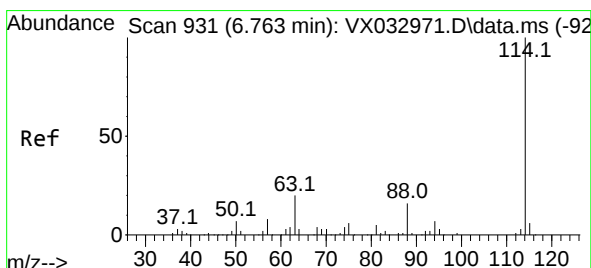
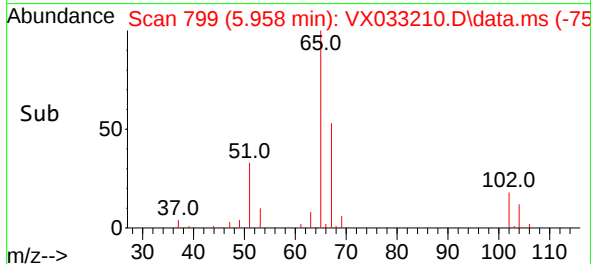
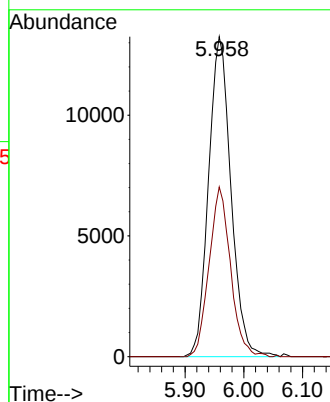
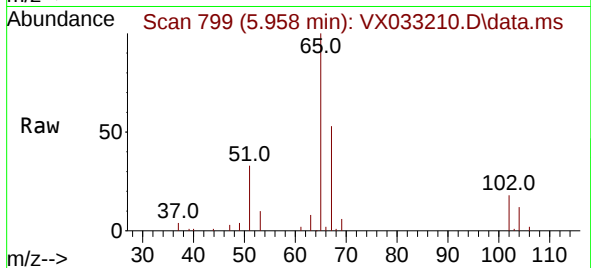
PB149377ZHE#04

Tgt Ion: 65 Resp: 35104

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033210.D

Acq: 03 Dec 2022 00:38

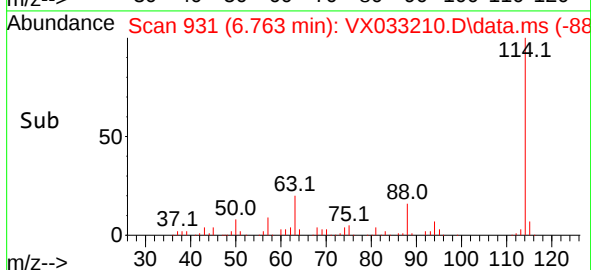
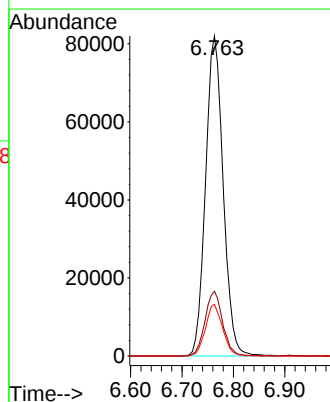
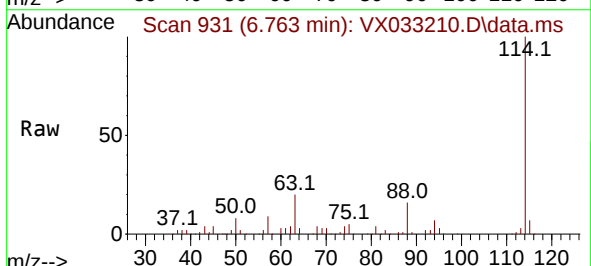
Tgt Ion: 114 Resp: 194967

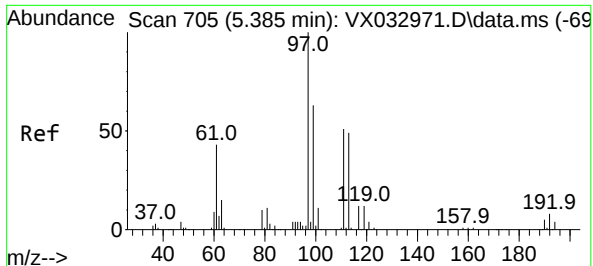
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.6

88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 33.444 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033210.D

Acq: 03 Dec 2022 00:38

Instrument :

MSVOA\_X

ClientSampleId :

PB149377ZHE#04

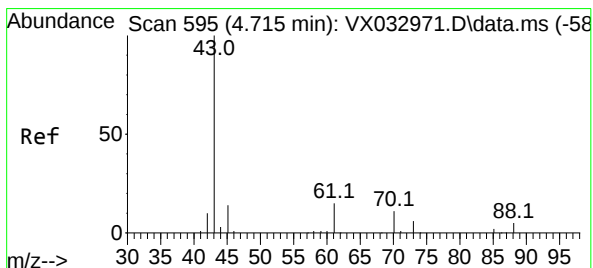
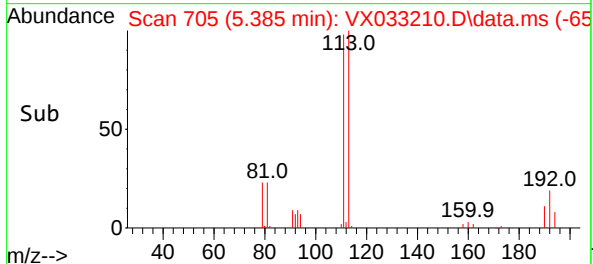
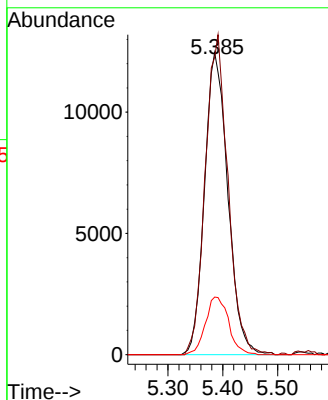
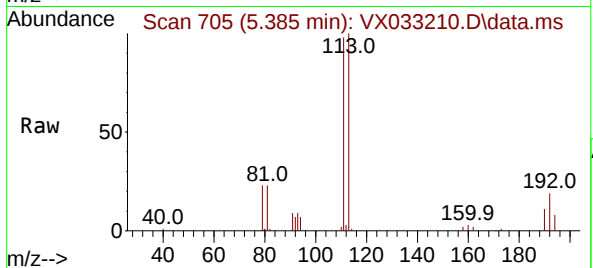
Tgt Ion:113 Resp: 36760

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

192 19.0 15.4 23.2



#37

Ethyl Acetate

Concen: 12.264 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX033210.D

Acq: 03 Dec 2022 00:38

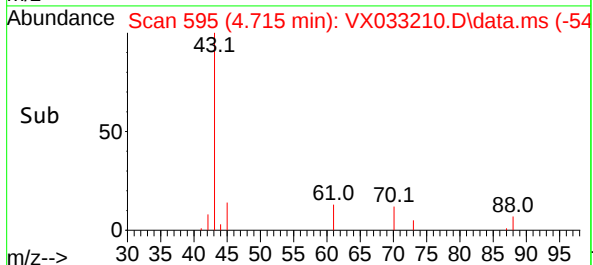
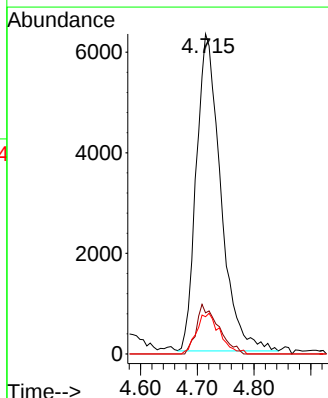
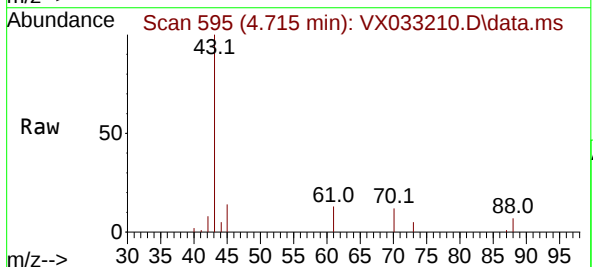
Tgt Ion: 43 Resp: 18804

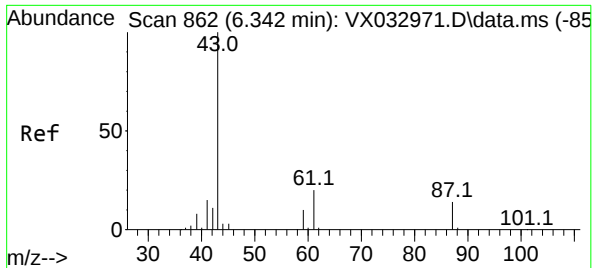
Ion Ratio Lower Upper

43 100

61 14.1 11.5 17.3

70 12.3 9.1 13.7

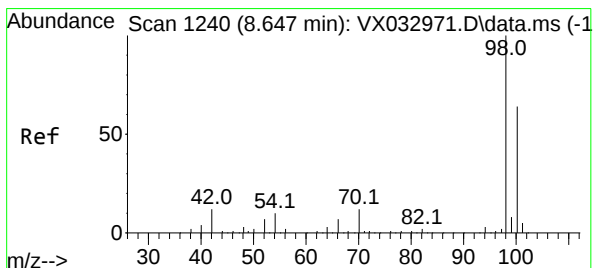
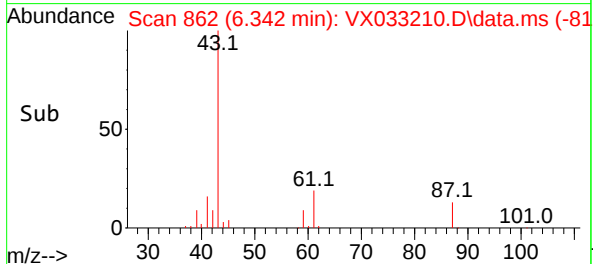
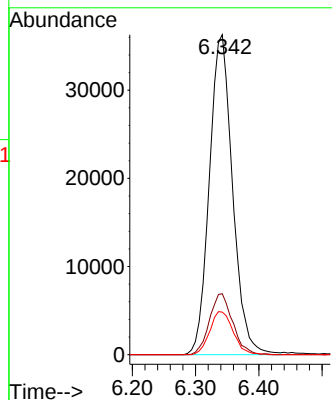
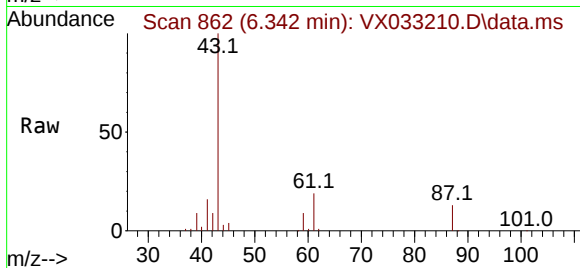




#43  
Isopropyl Acetate  
Concen: 36.453 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX033210.D  
Acq: 03 Dec 2022 00:38

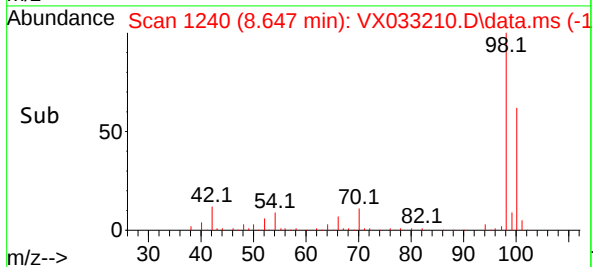
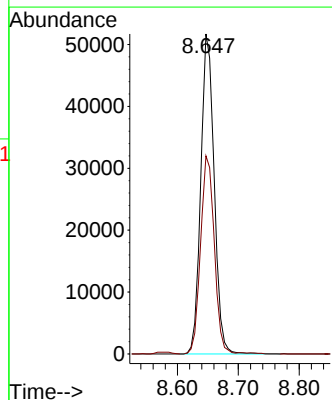
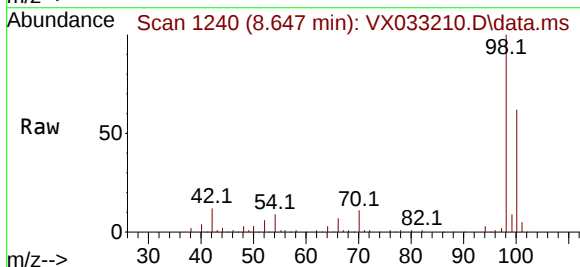
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB149377ZHE#04

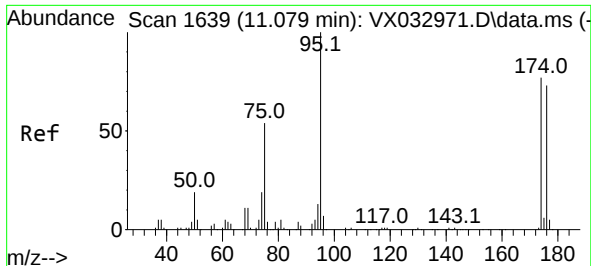
Tgt Ion: 43 Resp: 92438  
Ion Ratio Lower Upper  
43 100  
61 19.1 15.4 23.0  
87 13.5 10.8 16.2



#50  
Toluene-d8  
Concen: 22.694 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: VX033210.D  
Acq: 03 Dec 2022 00:38

Tgt Ion: 98 Resp: 78949  
Ion Ratio Lower Upper  
98 100  
100 63.8 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 41.808 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033210.D

Acq: 03 Dec 2022 00:38

Instrument :

MSVOA\_X

ClientSampleId :

PB149377ZHE#04

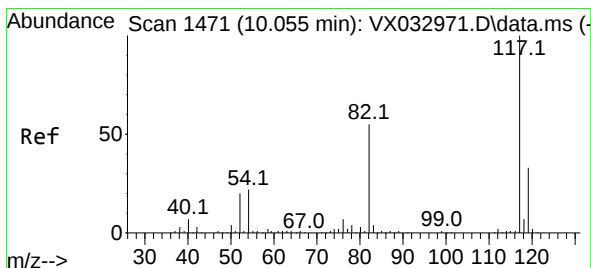
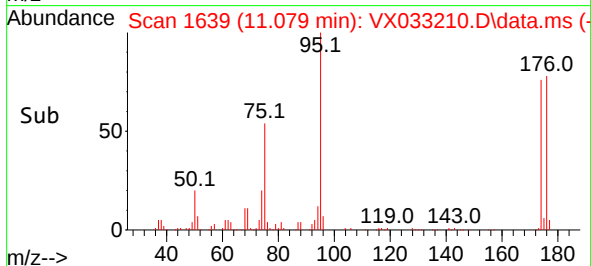
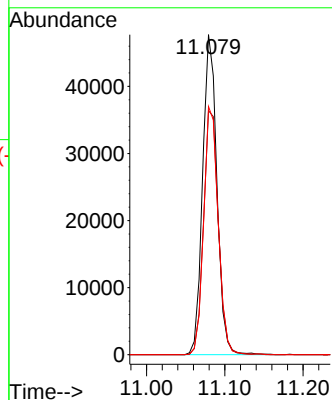
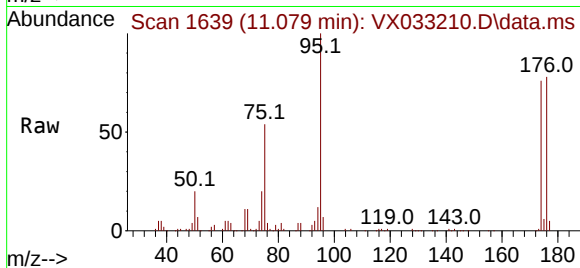
Tgt Ion: 95 Resp: 60365

Ion Ratio Lower Upper

95 100

174 79.1 0.0 164.0

176 78.7 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033210.D

Acq: 03 Dec 2022 00:38

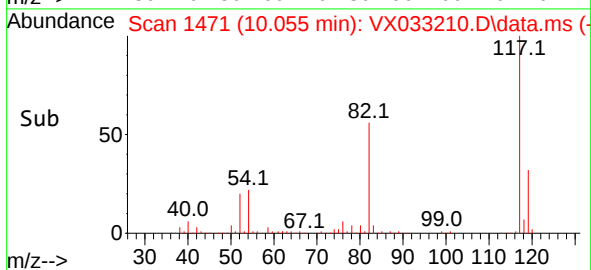
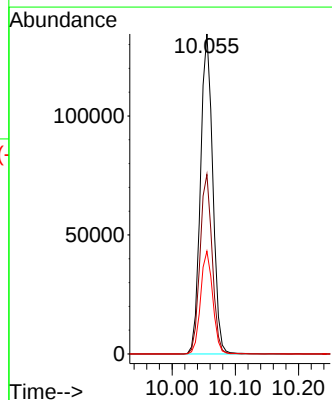
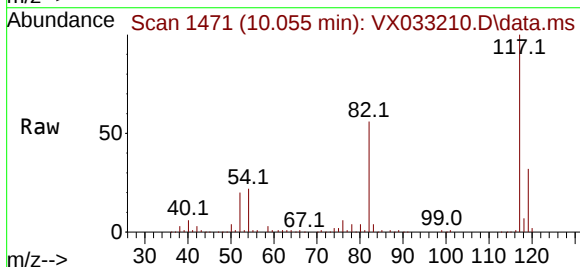
Tgt Ion: 117 Resp: 181835

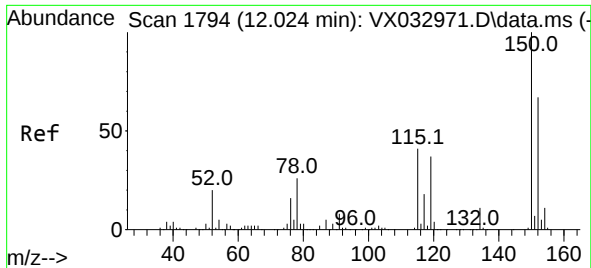
Ion Ratio Lower Upper

117 100

82 56.1 44.3 66.5

119 32.1 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033210.D

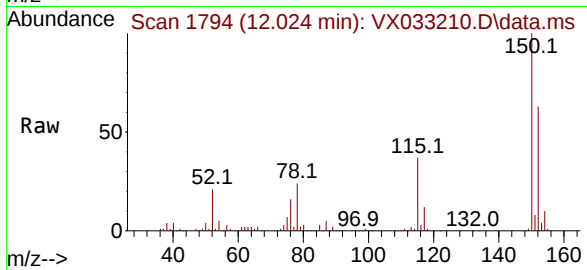
Acq: 03 Dec 2022 00:38

Instrument :

MSVOA\_X

ClientSampleId :

PB149377ZHE#04



Tgt Ion:152 Resp: 79324

Ion Ratio Lower Upper

152 100

115 60.5 44.0 132.0

150 155.5 0.0 351.8

