

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045917.D
 Acq On : 22 Nov 2021 16:24
 Operator : SY/MD
 Sample : PB140933ZHE#02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB140933ZHE#02

Quant Time: Nov 23 05:16:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

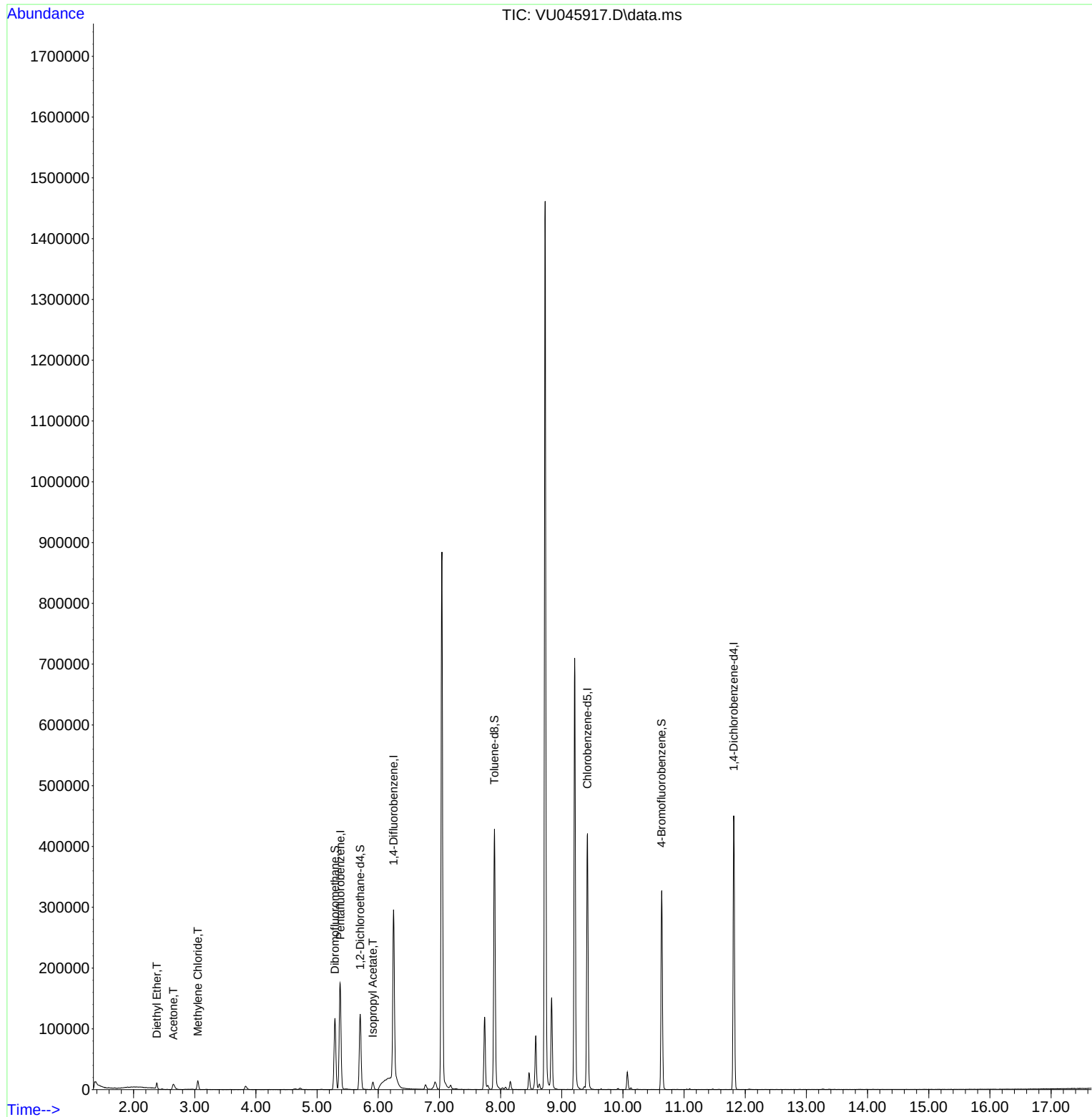
Internal Standards						
1) Pentafluorobenzene	5.378	168	117263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	221383	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	235129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	115145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	92169	52.484	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.960%	
35) Dibromofluoromethane	5.292	113	74438	50.362	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.720%	
50) Toluene-d8	7.899	98	290540	52.863	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.720%	
62) 4-Bromofluorobenzene	10.632	95	111906	50.776	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.560%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.378	74	3687	4.157	ug/l	94
16) Acetone	2.649	43	16244	18.171	ug/l	92
20) Methylene Chloride	3.050	84	7232	4.656	ug/l	97
43) Isopropyl Acetate	5.912	43	13712	3.615	ug/l	98

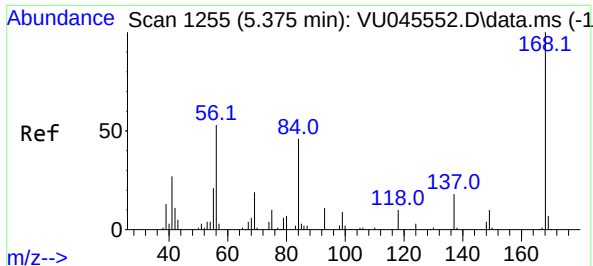
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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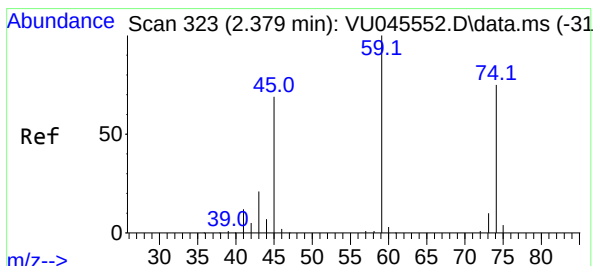
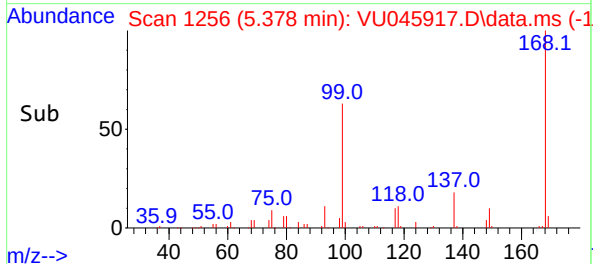
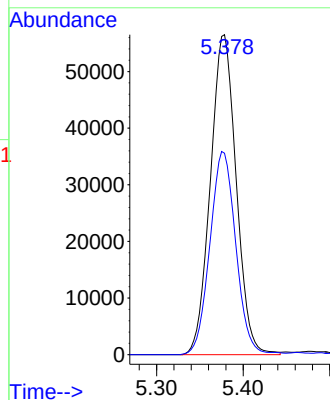
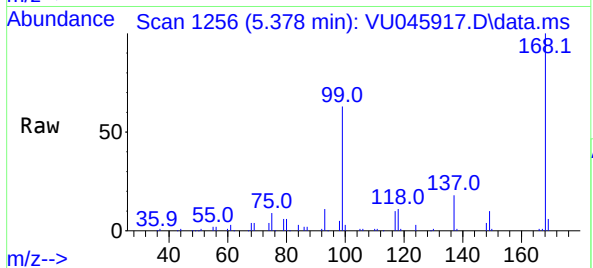




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045917.D
Acq: 22 Nov 2021 16:24

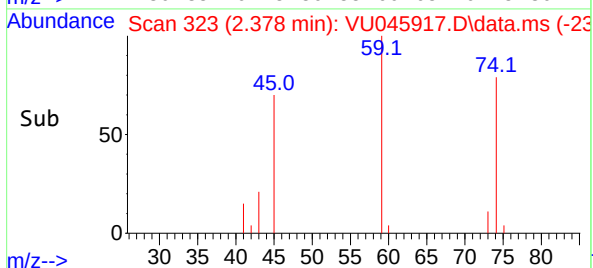
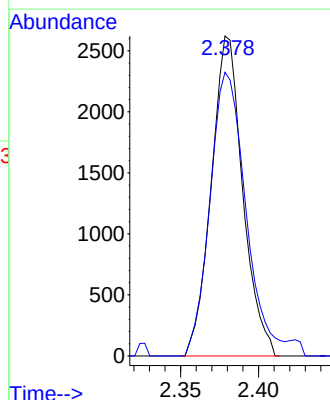
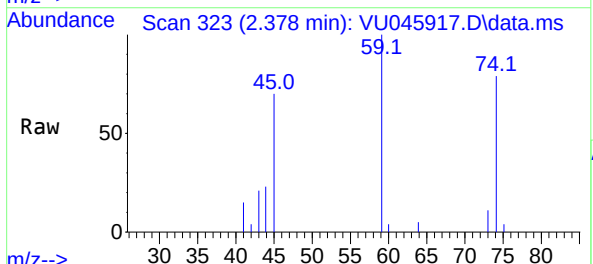
Instrument :
MSVOA_U
ClientSampleId :
PB140933ZHE#02

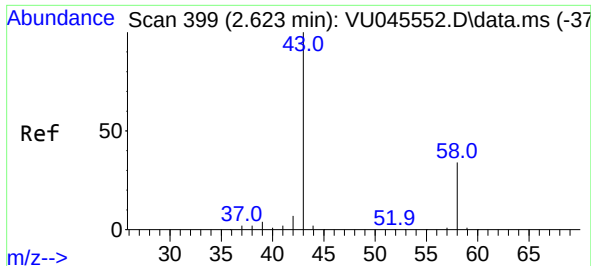
Tgt Ion:168 Resp: 117263
Ion Ratio Lower Upper
168 100
99 63.0 51.0 76.6



#8
Diethyl Ether
Concen: 4.157 ug/l
RT: 2.378 min Scan# 323
Delta R.T. -0.000 min
Lab File: VU045917.D
Acq: 22 Nov 2021 16:24

Tgt Ion: 74 Resp: 3687
Ion Ratio Lower Upper
74 100
45 100.6 47.3 141.8





#16

Acetone

Concen: 18.171 ug/l

RT: 2.649 min Scan# 40

Delta R.T. 0.026 min

Lab File: VU045917.D

Acq: 22 Nov 2021 16:24

Instrument :

MSVOA_U

ClientSampleId :

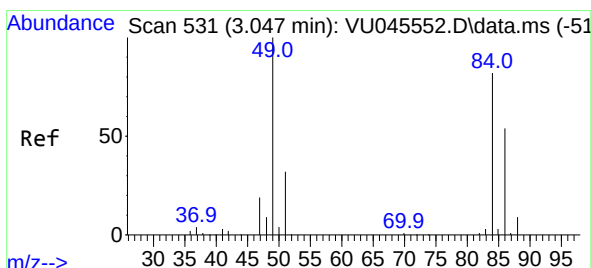
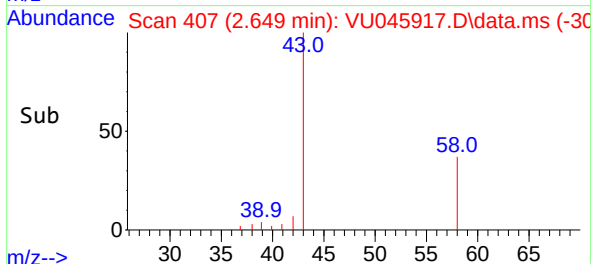
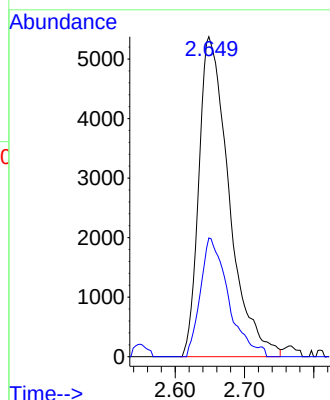
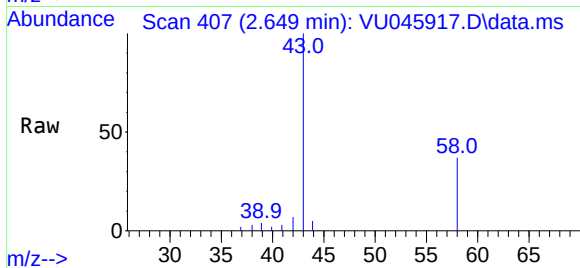
PB140933ZHE#02

Tgt Ion: 43 Resp: 16244

Ion Ratio Lower Upper

43 100

58 37.1 26.2 39.2



#20

Methylene Chloride

Concen: 4.656 ug/l

RT: 3.050 min Scan# 532

Delta R.T. 0.003 min

Lab File: VU045917.D

Acq: 22 Nov 2021 16:24

Tgt Ion: 84 Resp: 7232

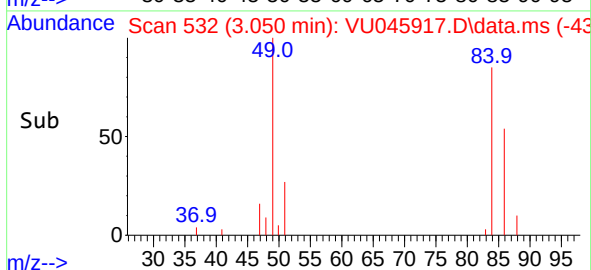
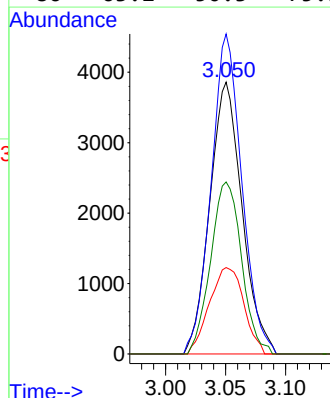
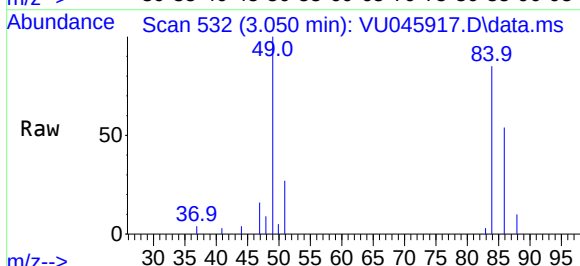
Ion Ratio Lower Upper

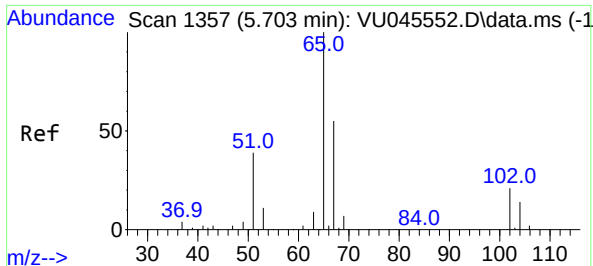
84 100

49 117.7 96.4 144.6

51 31.8 30.5 45.7

86 63.2 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 52.484 ug/l

RT: 5.703 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045917.D

Acq: 22 Nov 2021 16:24

Instrument :

MSVOA_U

ClientSampleId :

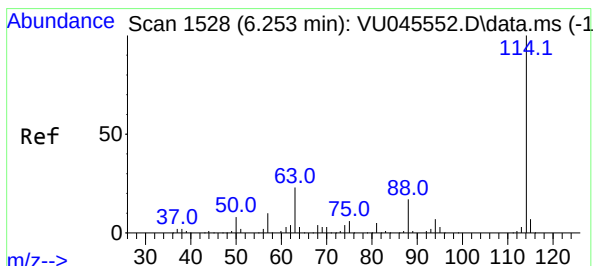
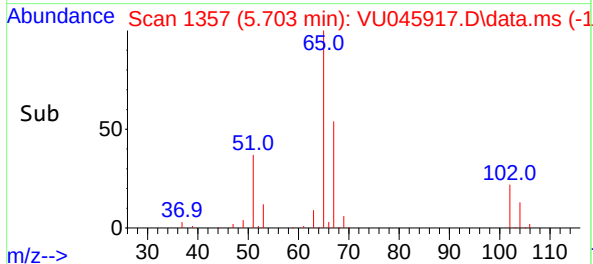
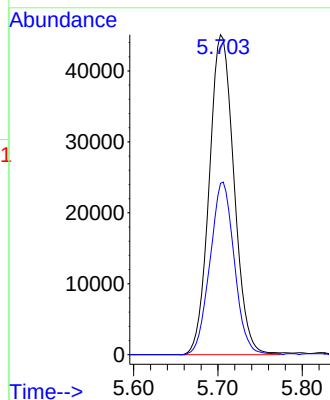
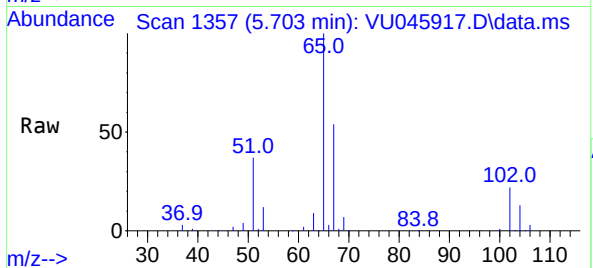
PB140933ZHE#02

Tgt Ion: 65 Resp: 92169

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045917.D

Acq: 22 Nov 2021 16:24

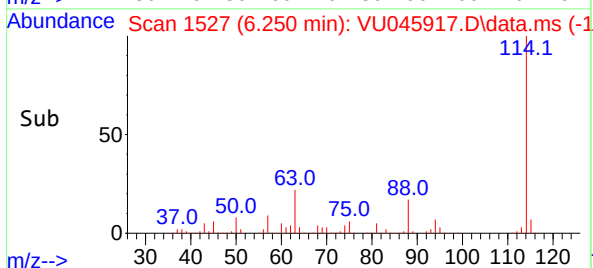
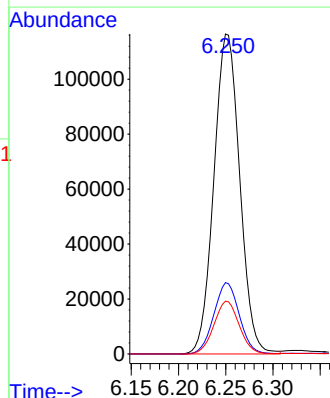
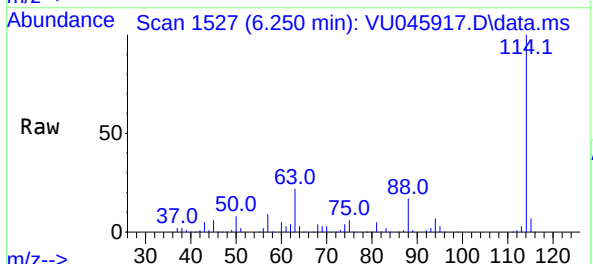
Tgt Ion: 114 Resp: 221383

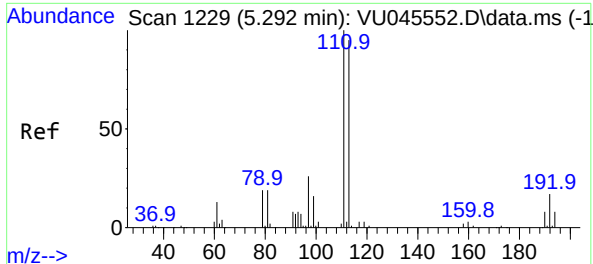
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

88 16.5 0.0 33.8

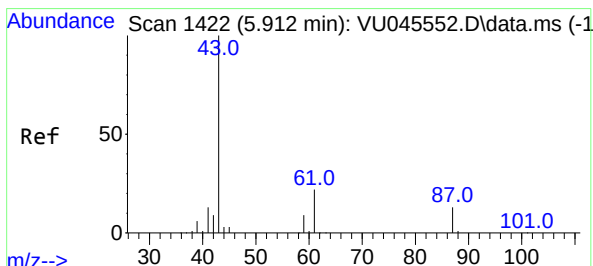
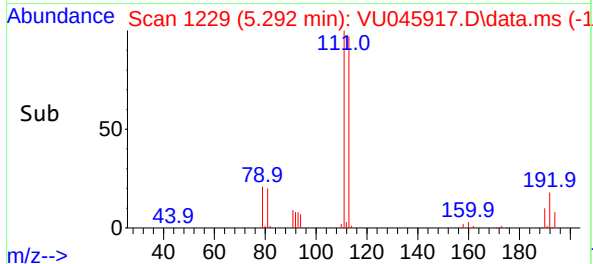
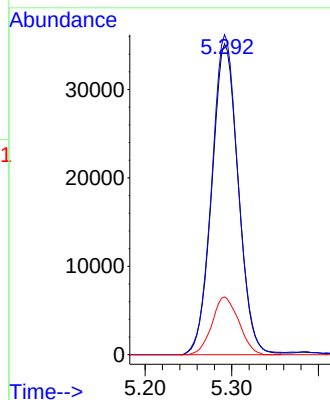
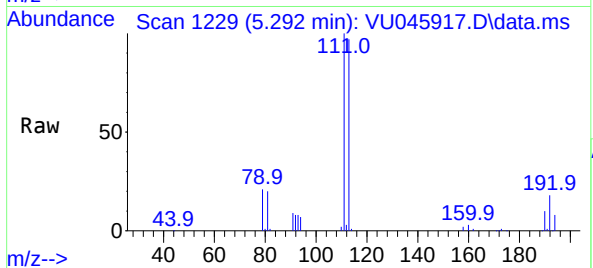




#35
Dibromofluoromethane
Concen: 50.362 ug/l
RT: 5.292 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VU045917.D
Acq: 22 Nov 2021 16:24

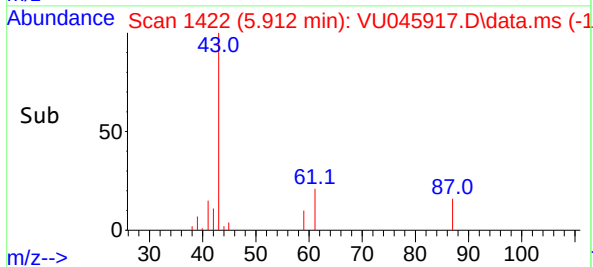
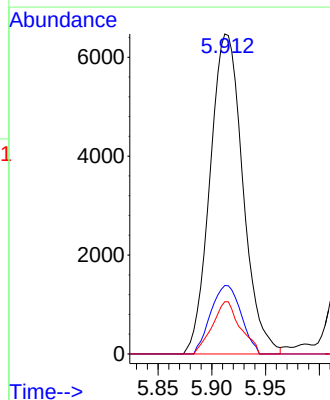
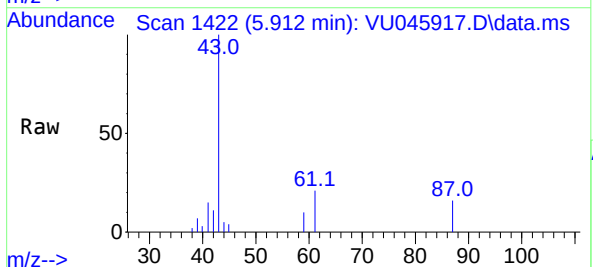
Instrument :
MSVOA_U
ClientSampleId :
PB140933ZHE#02

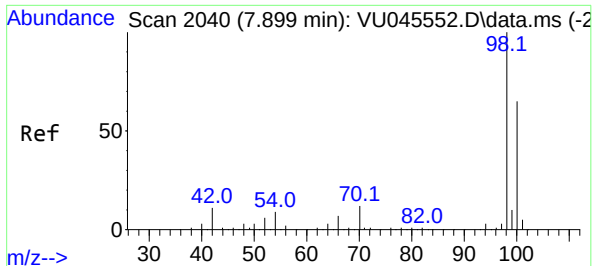
Tgt Ion:113 Resp: 74438
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 18.8 14.8 22.2



#43
Isopropyl Acetate
Concen: 3.615 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VU045917.D
Acq: 22 Nov 2021 16:24

Tgt Ion: 43 Resp: 13712
Ion Ratio Lower Upper
43 100
61 19.8 16.9 25.3
87 13.9 11.0 16.4





#50

Toluene-d8

Concen: 52.863 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU045917.D

Acq: 22 Nov 2021 16:24

Instrument :

MSVOA_U

ClientSampleId :

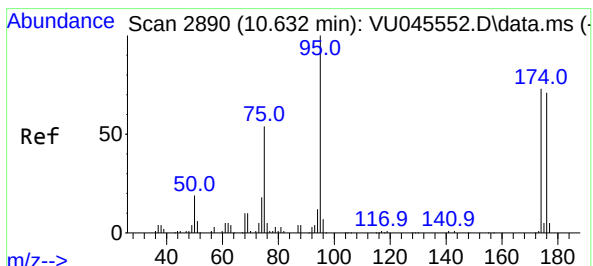
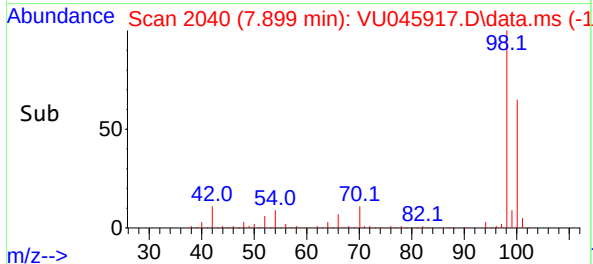
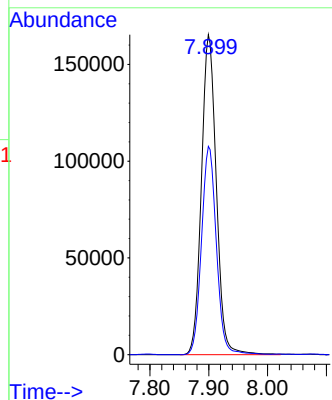
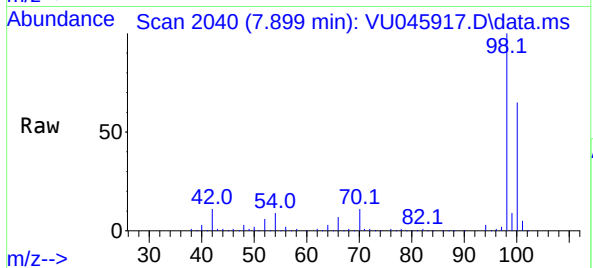
PB140933ZHE#02

Tgt Ion: 98 Resp: 290540

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 50.776 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VU045917.D

Acq: 22 Nov 2021 16:24

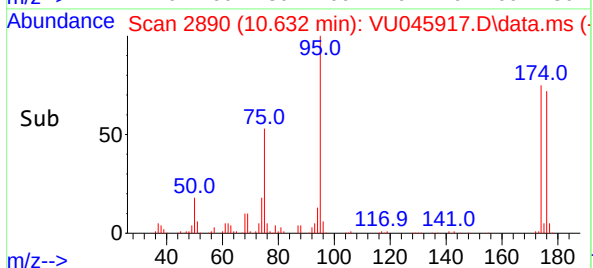
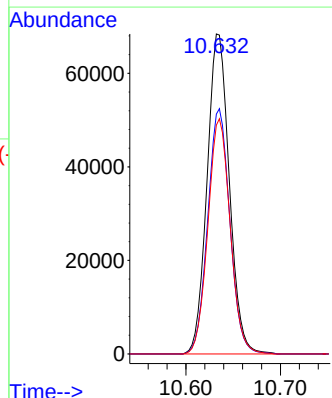
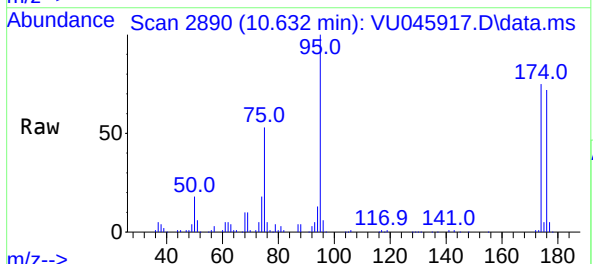
Tgt Ion: 95 Resp: 111906

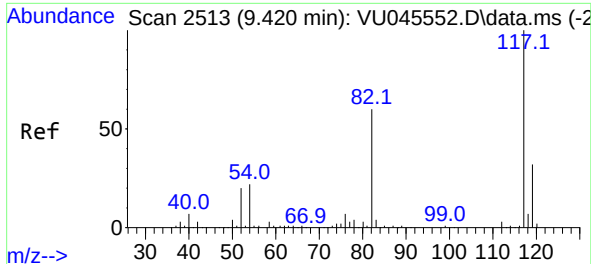
Ion Ratio Lower Upper

95 100

174 76.3 0.0 141.8

176 73.5 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU045917.D

Acq: 22 Nov 2021 16:24

Instrument :

MSVOA_U

ClientSampleId :

PB140933ZHE#02

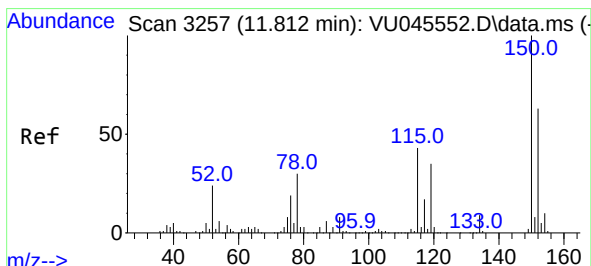
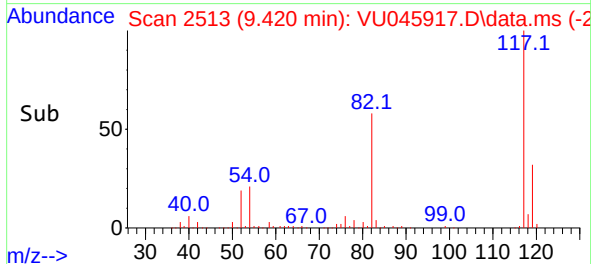
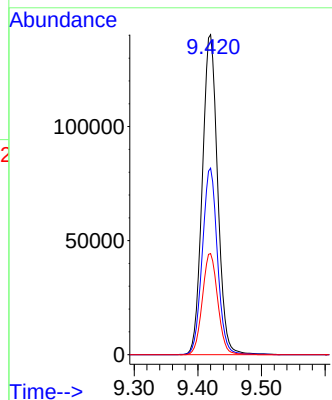
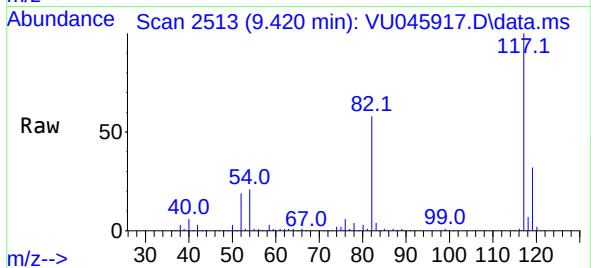
Tgt Ion:117 Resp: 235129

Ion Ratio Lower Upper

117 100

82 58.3 47.8 71.8

119 31.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. -0.000 min

Lab File: VU045917.D

Acq: 22 Nov 2021 16:24

Tgt Ion:152 Resp: 115145

Ion Ratio Lower Upper

152 100

115 63.2 42.7 128.1

150 157.6 0.0 346.8

