

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045757.D
 Acq On : 12 Nov 2021 10:22
 Operator : SY/MD
 Sample : VU1112MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 05:16:50 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)

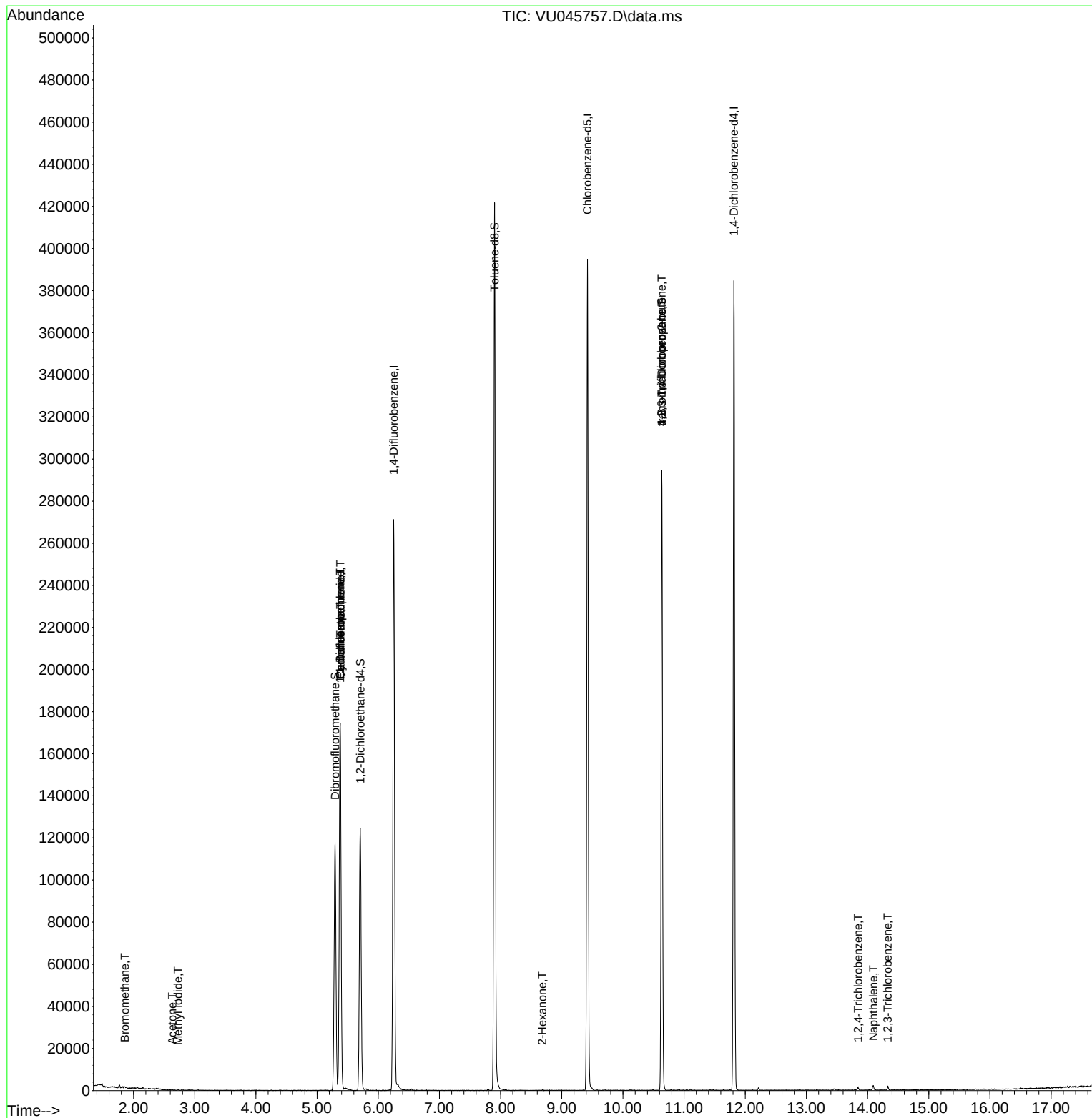
Internal Standards						
1) Pentafluorobenzene	5.378	168	115164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	211534	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	211112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	95910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	93424	54.168	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.340%	
35) Dibromofluoromethane	5.295	113	75031	53.127	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.260%	
50) Toluene-d8	7.902	98	277112	52.767	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.540%	
62) 4-Bromofluorobenzene	10.635	95	97107	46.112	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.858	94	298	0.321	ug/l #	78
10) Methyl Iodide	2.726	142	368	0.219	ug/l #	43
16) Acetone	2.633	43	605	0.689	ug/l	90
31) Cyclohexane	5.378	56	2806	1.115	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10258	4.973	ug/l #	50
38) Carbon Tetrachloride	5.378	117	12221	5.877	ug/l #	16
59) 2-Hexanone	8.684	43	379	7.712	ug/l #	60
76) 1,2,3-Trichloropropane	10.635	75	52196	17.946	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	52196	58.263	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.844	180	641	0.310	ug/l #	88
95) Naphthalene	14.095	128	2450	1.338	ug/l #	90
96) 1,2,3-Trichlorobenzene	14.330	180	675	0.329	ug/l	86

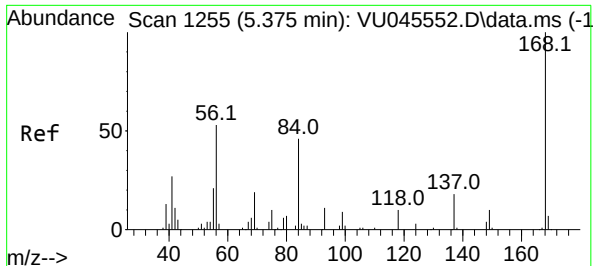
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
ClientSampleId :

Quant Time: Nov 15 05:16:50 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

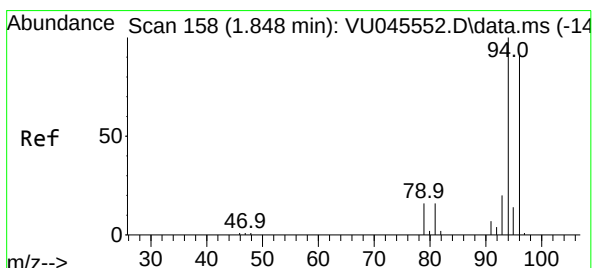
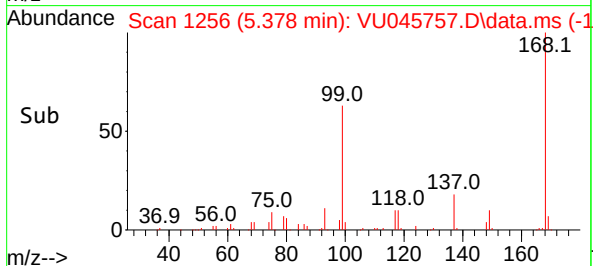
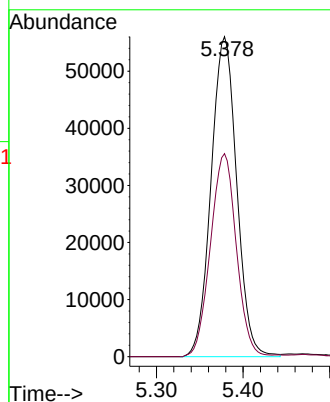
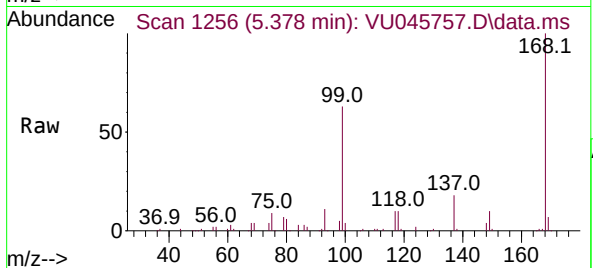




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045757.D
Acq: 12 Nov 2021 10:22

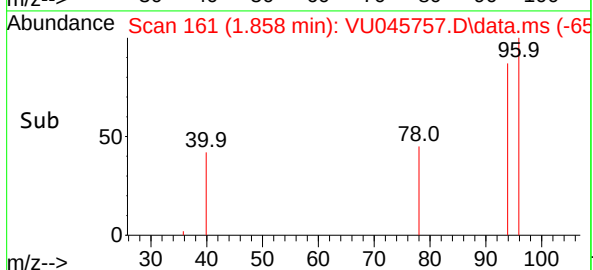
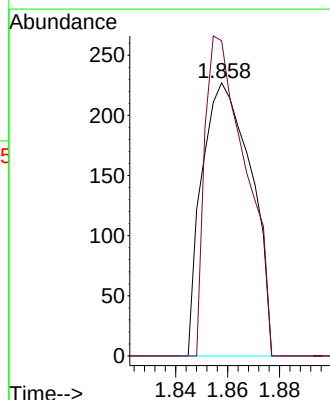
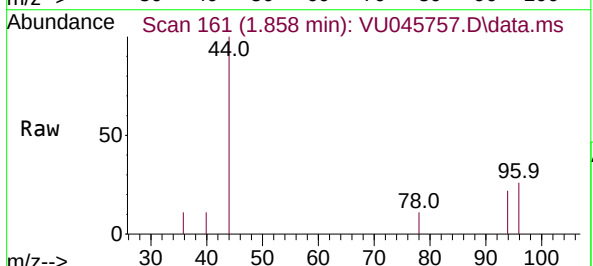
Instrument :
MSVOA_U
ClientSampleId :

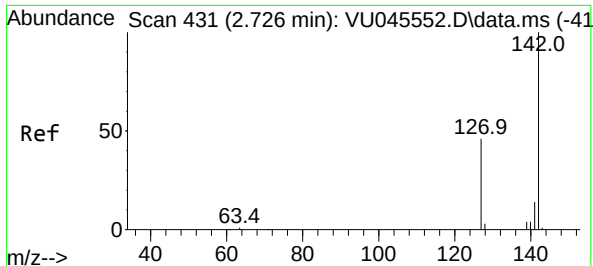
Tgt Ion:168 Resp: 115164
Ion Ratio Lower Upper
168 100
99 63.5 51.0 76.6



#5
Bromomethane
Concen: 0.321 ug/l
RT: 1.858 min Scan# 161
Delta R.T. 0.010 min
Lab File: VU045757.D
Acq: 12 Nov 2021 10:22

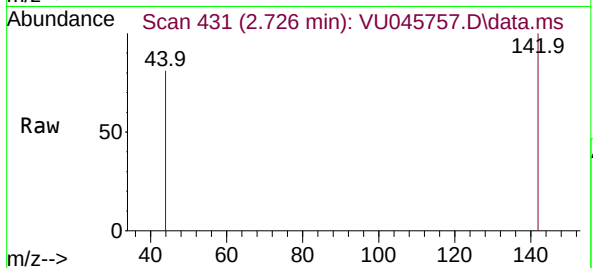
Tgt Ion: 94 Resp: 298
Ion Ratio Lower Upper
94 100
96 115.4 75.4 113.2#



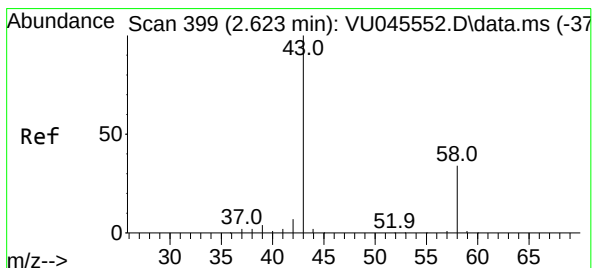
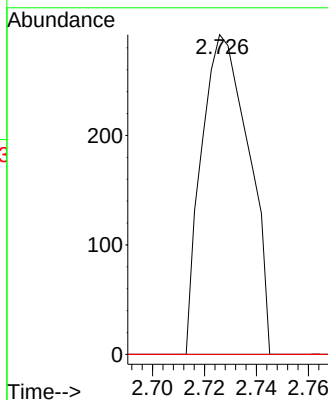
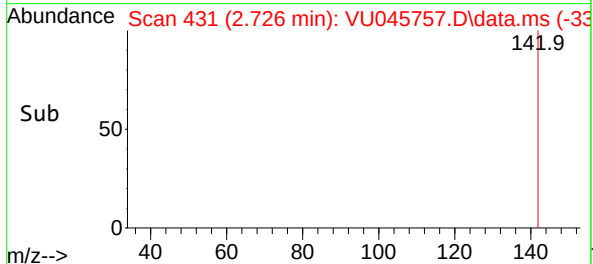


#10
Methyl Iodide
Concen: 0.219 ug/l
RT: 2.726 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU045757.D
Acq: 12 Nov 2021 10:22

Instrument :
MSVOA_U
ClientSampleId :

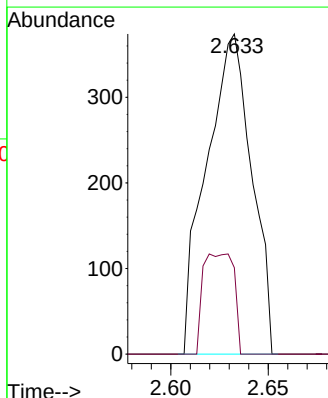
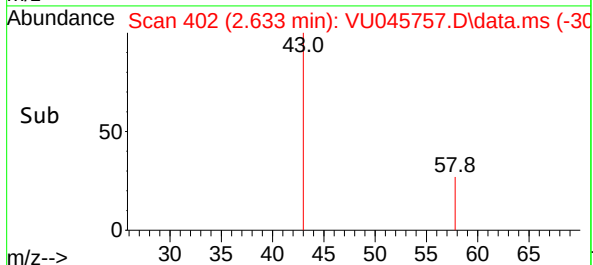
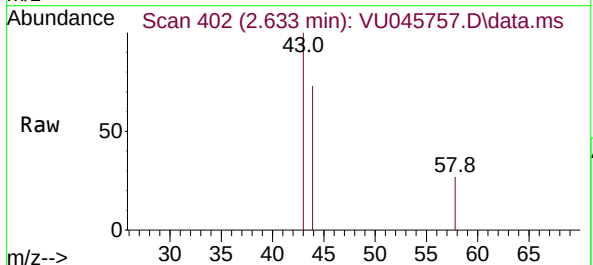


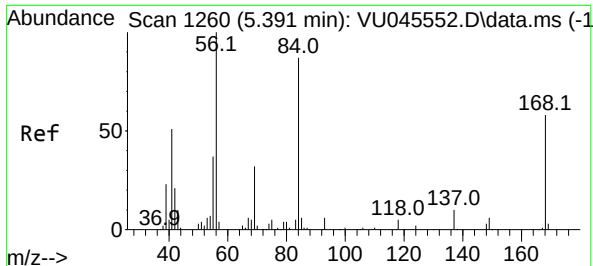
Tgt Ion:142 Resp: 368
Ion Ratio Lower Upper
142 100
127 0.0 32.2 48.2#
141 0.0 11.3 16.9#



#16
Acetone
Concen: 0.689 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.010 min
Lab File: VU045757.D
Acq: 12 Nov 2021 10:22

Tgt Ion: 43 Resp: 605
Ion Ratio Lower Upper
43 100
58 27.0 26.2 39.2





#31

Cyclohexane

Concen: 1.115 ug/l

RT: 5.378 min Scan# 11

Delta R.T. -0.013 min

Lab File: VU045757.D

Acq: 12 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

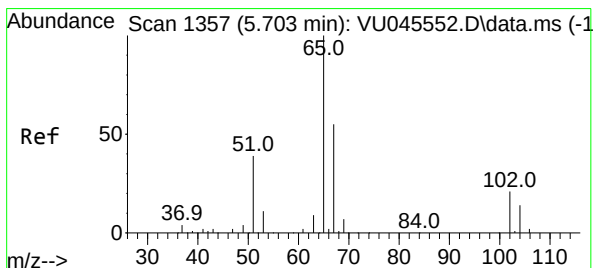
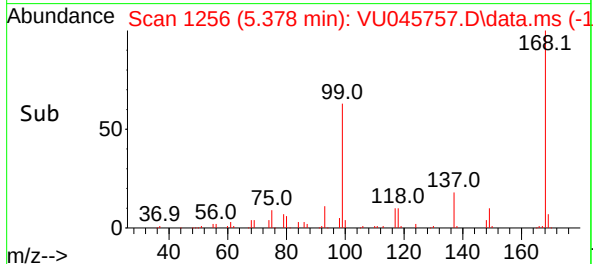
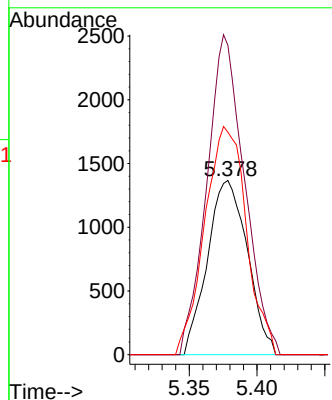
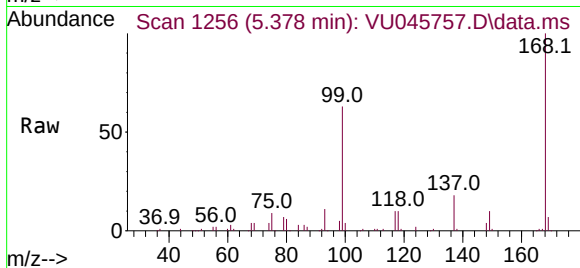
Tgt Ion: 56 Resp: 2806

Ion Ratio Lower Upper

56 100

69 177.6 26.4 39.6#

84 127.7 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 54.168 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.003 min

Lab File: VU045757.D

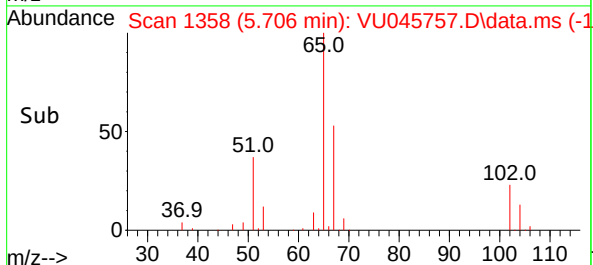
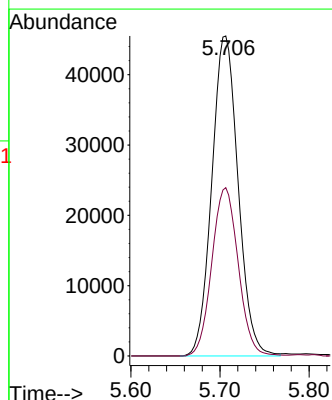
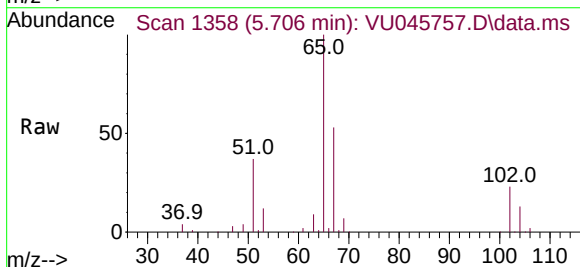
Acq: 12 Nov 2021 10:22

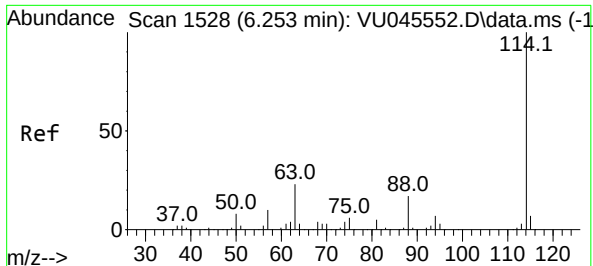
Tgt Ion: 65 Resp: 93424

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045757.D

Acq: 12 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

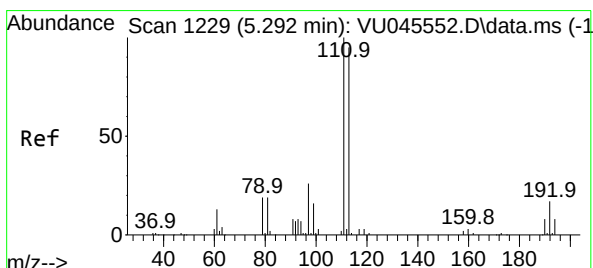
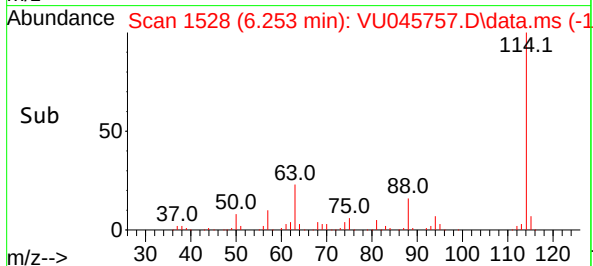
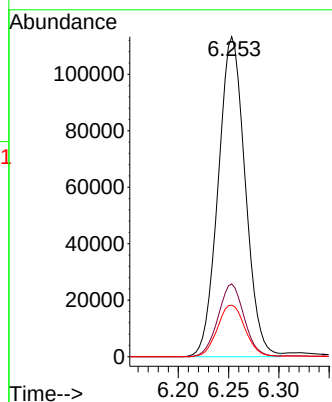
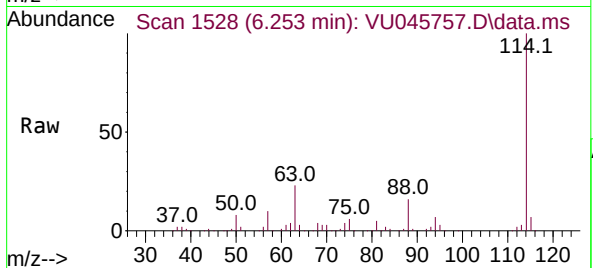
Tgt Ion:114 Resp: 211534

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

88 16.1 0.0 33.8



#35

Dibromofluoromethane

Concen: 53.127 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU045757.D

Acq: 12 Nov 2021 10:22

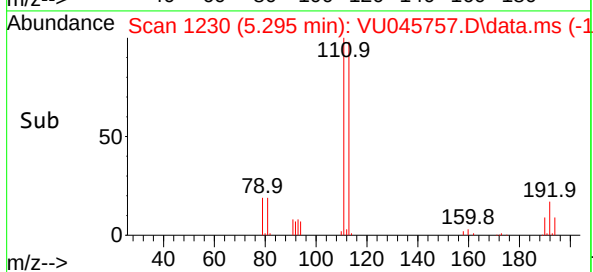
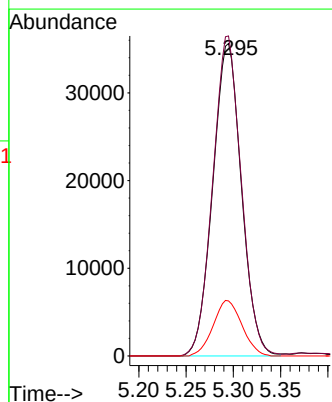
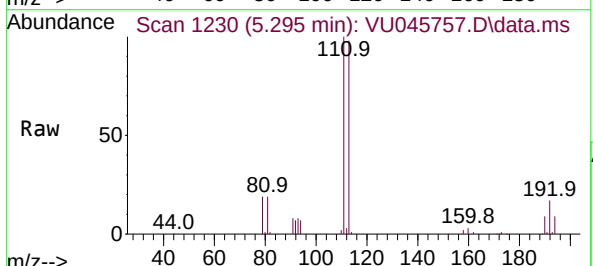
Tgt Ion:113 Resp: 75031

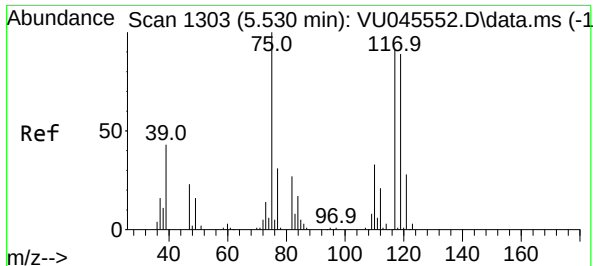
Ion Ratio Lower Upper

113 100

111 101.8 82.8 124.2

192 17.9 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.973 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU045757.D

Acq: 12 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

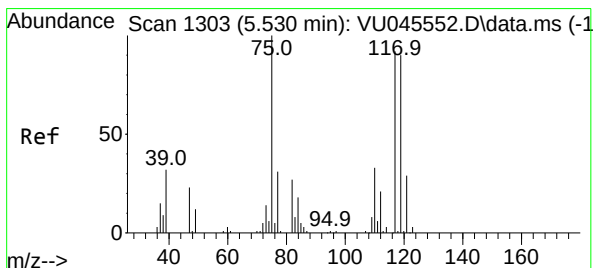
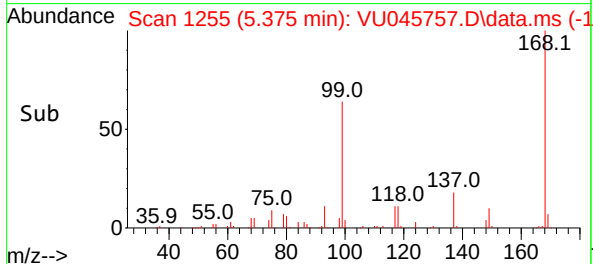
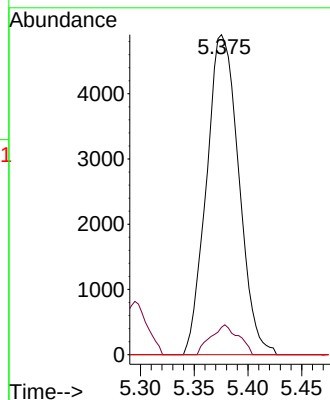
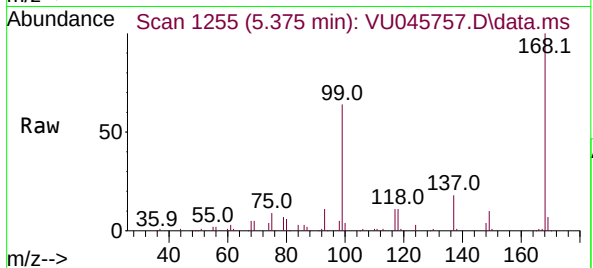
Tgt Ion: 75 Resp: 10258

Ion Ratio Lower Upper

75 100

110 8.0 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.877 ug/l

RT: 5.378 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045757.D

Acq: 12 Nov 2021 10:22

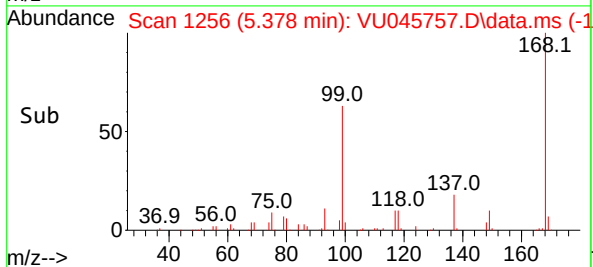
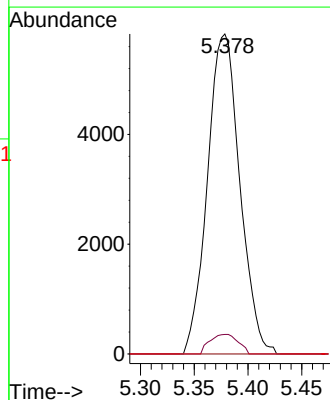
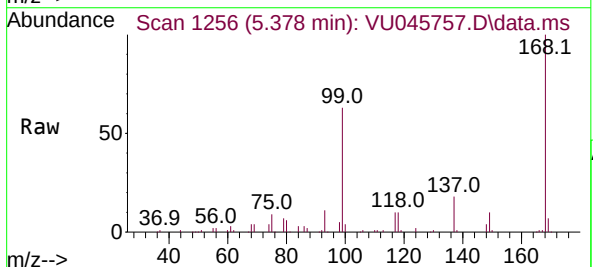
Tgt Ion:117 Resp: 12221

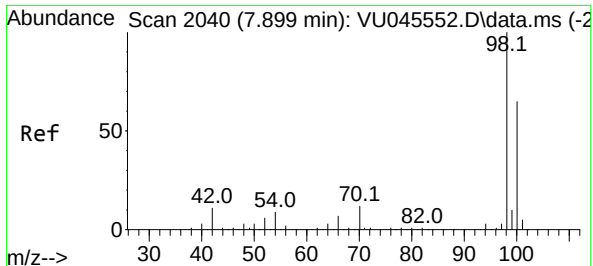
Ion Ratio Lower Upper

117 100

119 6.1 77.4 116.0#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.767 ug/l

RT: 7.902 min Scan# 2040

Delta R.T. 0.003 min

Lab File: VU045757.D

Acq: 12 Nov 2021 10:22

Instrument :

MSVOA_U

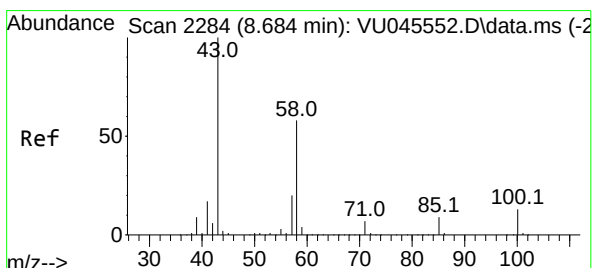
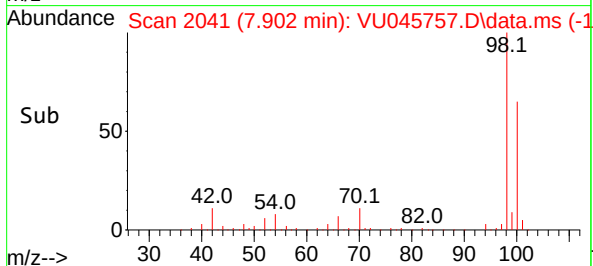
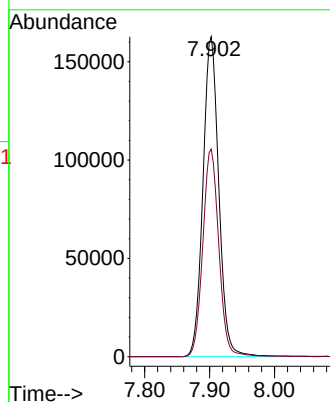
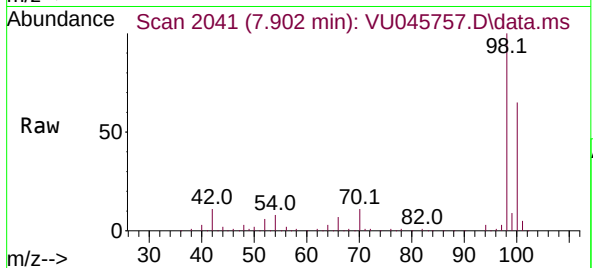
ClientSampleId :

Tgt Ion: 98 Resp: 277112

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7



#59

2-Hexanone

Concen: 7.712 ug/l

RT: 8.684 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VU045757.D

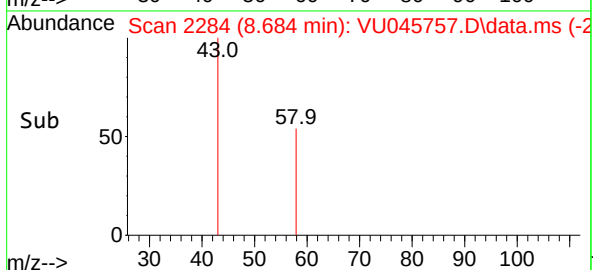
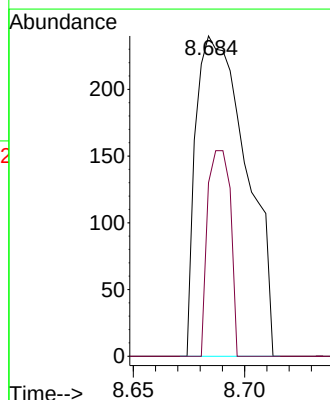
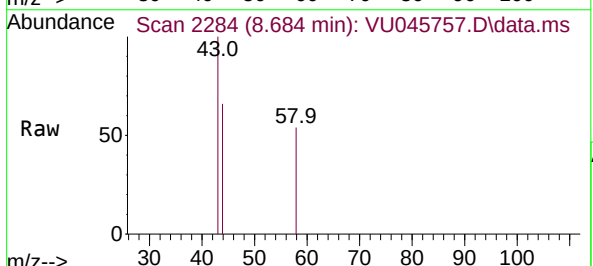
Acq: 12 Nov 2021 10:22

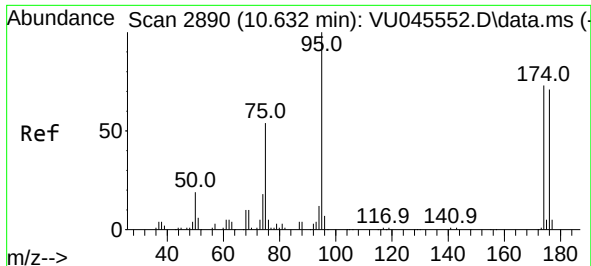
Tgt Ion: 43 Resp: 379

Ion Ratio Lower Upper

43 100

58 28.8 29.5 88.6#





#62

4-Bromofluorobenzene

Concen: 46.112 ug/l

RT: 10.635 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045757.D

Acq: 12 Nov 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

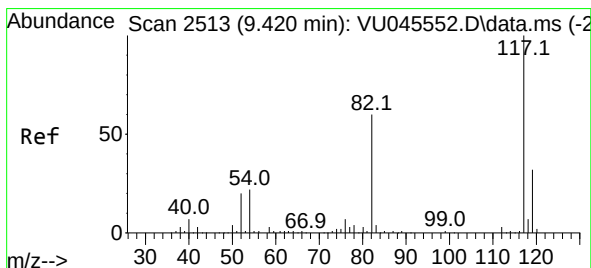
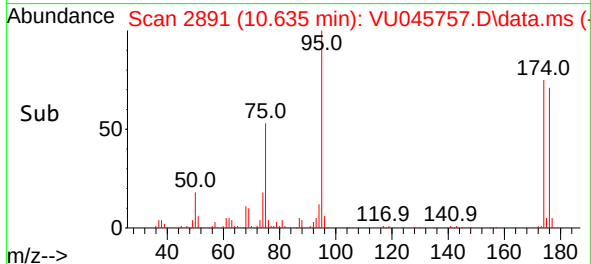
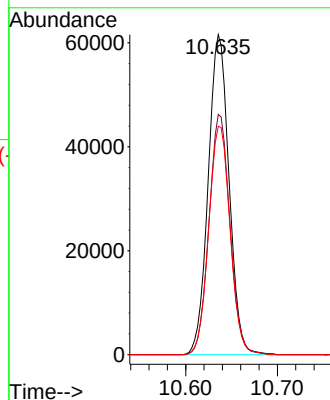
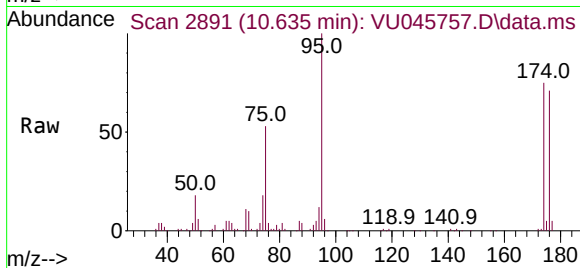
Tgt Ion: 95 Resp: 97107

Ion Ratio Lower Upper

95 100

174 75.6 0.0 141.8

176 73.1 0.0 138.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2513

Delta R.T. 0.000 min

Lab File: VU045757.D

Acq: 12 Nov 2021 10:22

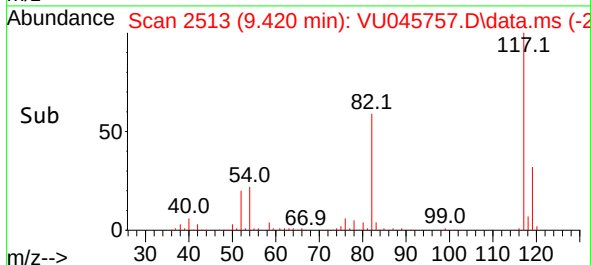
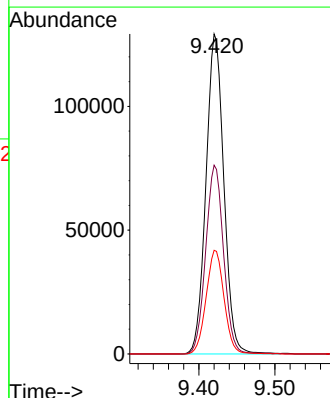
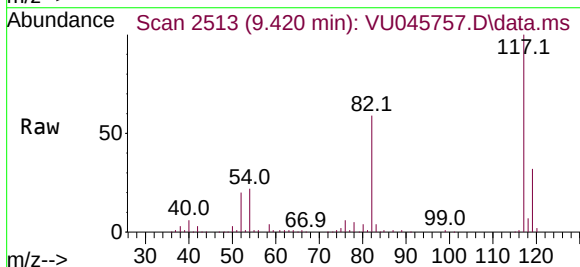
Tgt Ion: 117 Resp: 211112

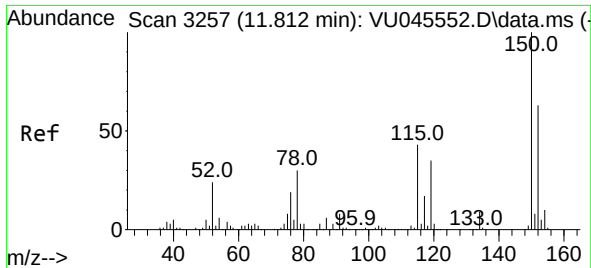
Ion Ratio Lower Upper

117 100

82 59.0 47.8 71.8

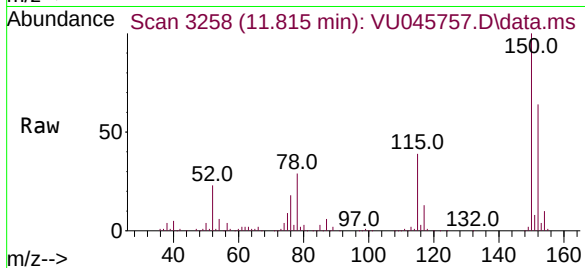
119 32.4 25.8 38.8



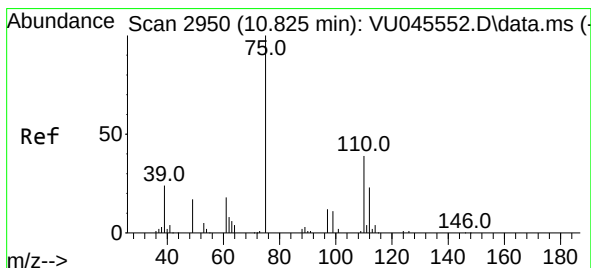
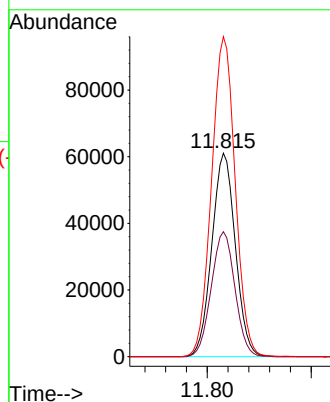
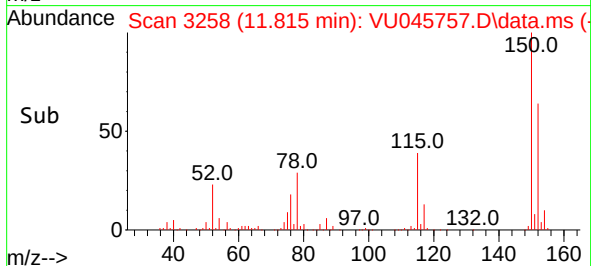


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045757.D
 Acq: 12 Nov 2021 10:22

Instrument :
 MSVOA_U
 ClientSampleId :

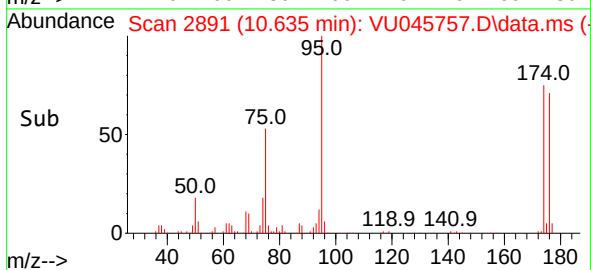
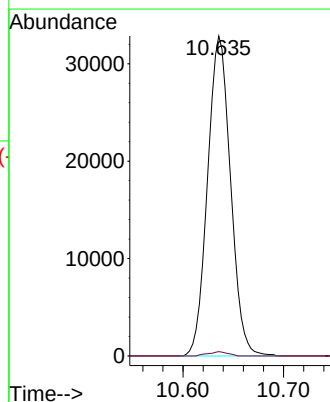
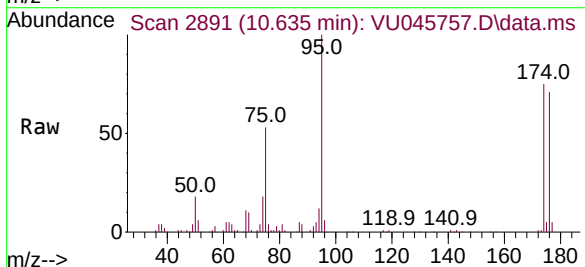


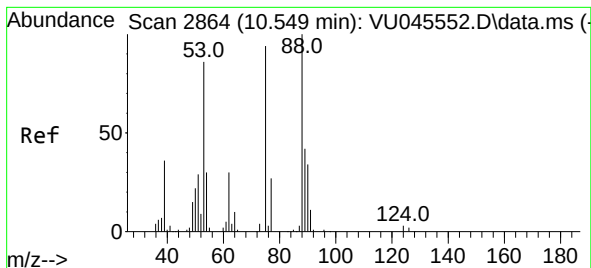
Tgt Ion:152 Resp: 95910
 Ion Ratio Lower Upper
 152 100
 115 61.8 42.7 128.1
 150 158.0 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 17.946 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.190 min
 Lab File: VU045757.D
 Acq: 12 Nov 2021 10:22

Tgt Ion: 75 Resp: 52196
 Ion Ratio Lower Upper
 75 100
 77 1.2 17.1 51.3#

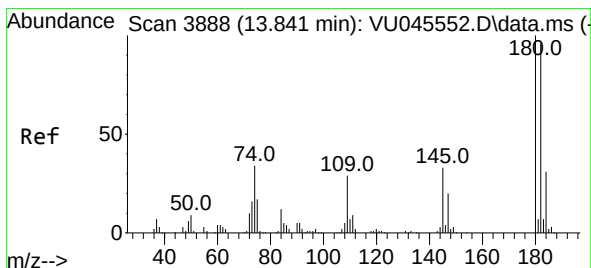
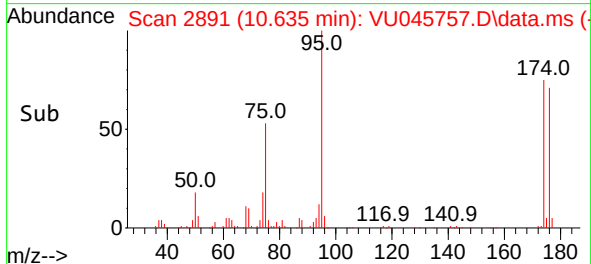
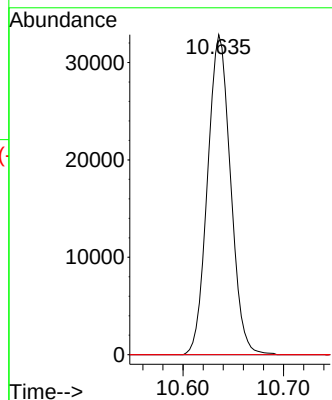
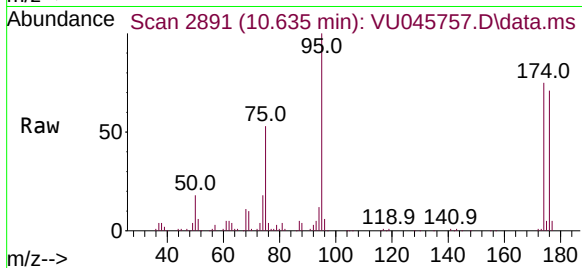




#81
trans-1,4-Dichloro-2-butene
Concen: 58.263 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.086 min
Lab File: VU045757.D
Acq: 12 Nov 2021 10:22

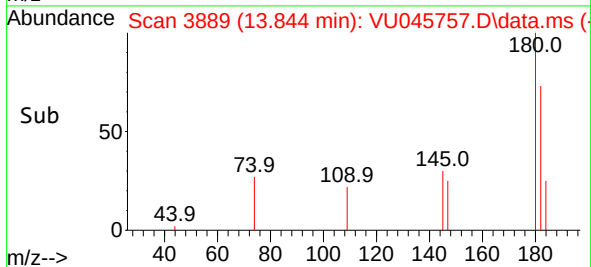
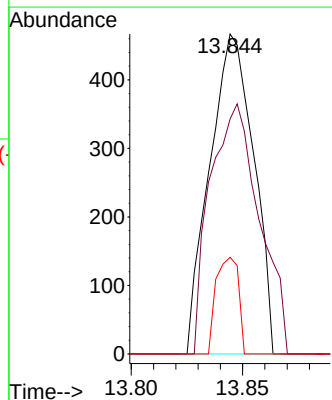
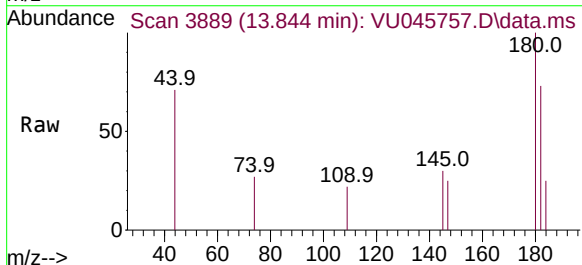
Instrument :
MSVOA_U
ClientSampleId :

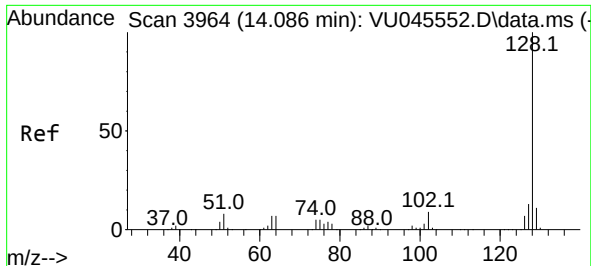
Tgt Ion: 75 Resp: 52196
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.310 ug/l
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU045757.D
Acq: 12 Nov 2021 10:22

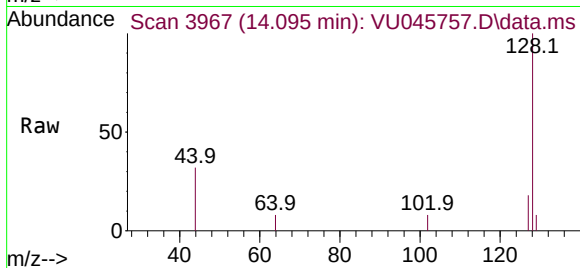
Tgt Ion:180 Resp: 641
Ion Ratio Lower Upper
180 100
182 87.4 47.0 141.2
145 15.3 15.6 46.7#



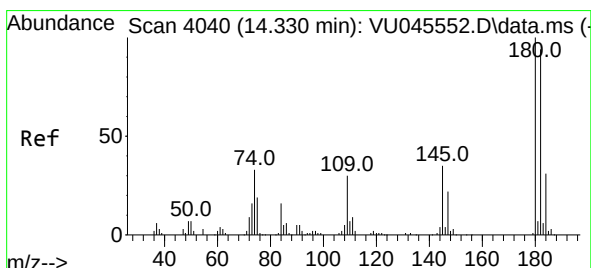
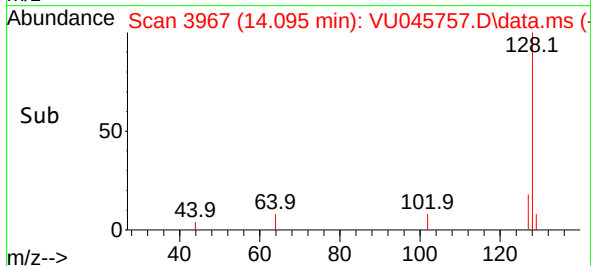
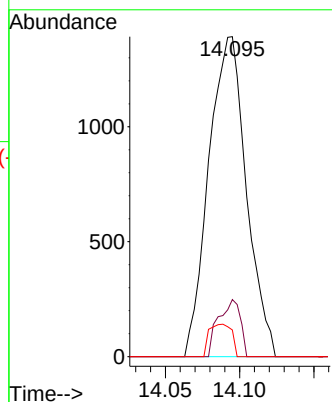


#95
Naphthalene
Concen: 1.338 ug/l
RT: 14.095 min Scan# 3964
Delta R.T. 0.009 min
Lab File: VU045757.D
Acq: 12 Nov 2021 10:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 2450
Ion Ratio Lower Upper
128 100
127 10.3 10.6 15.8#
129 6.1 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.329 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU045757.D
Acq: 12 Nov 2021 10:22

Tgt Ion:180 Resp: 675
Ion Ratio Lower Upper
180 100
182 82.4 47.7 143.1
145 24.7 16.7 50.0

