

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045914.D
 Acq On : 22 Nov 2021 15:16
 Operator : SY/MD
 Sample : M4737-20 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 05:15:20 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)

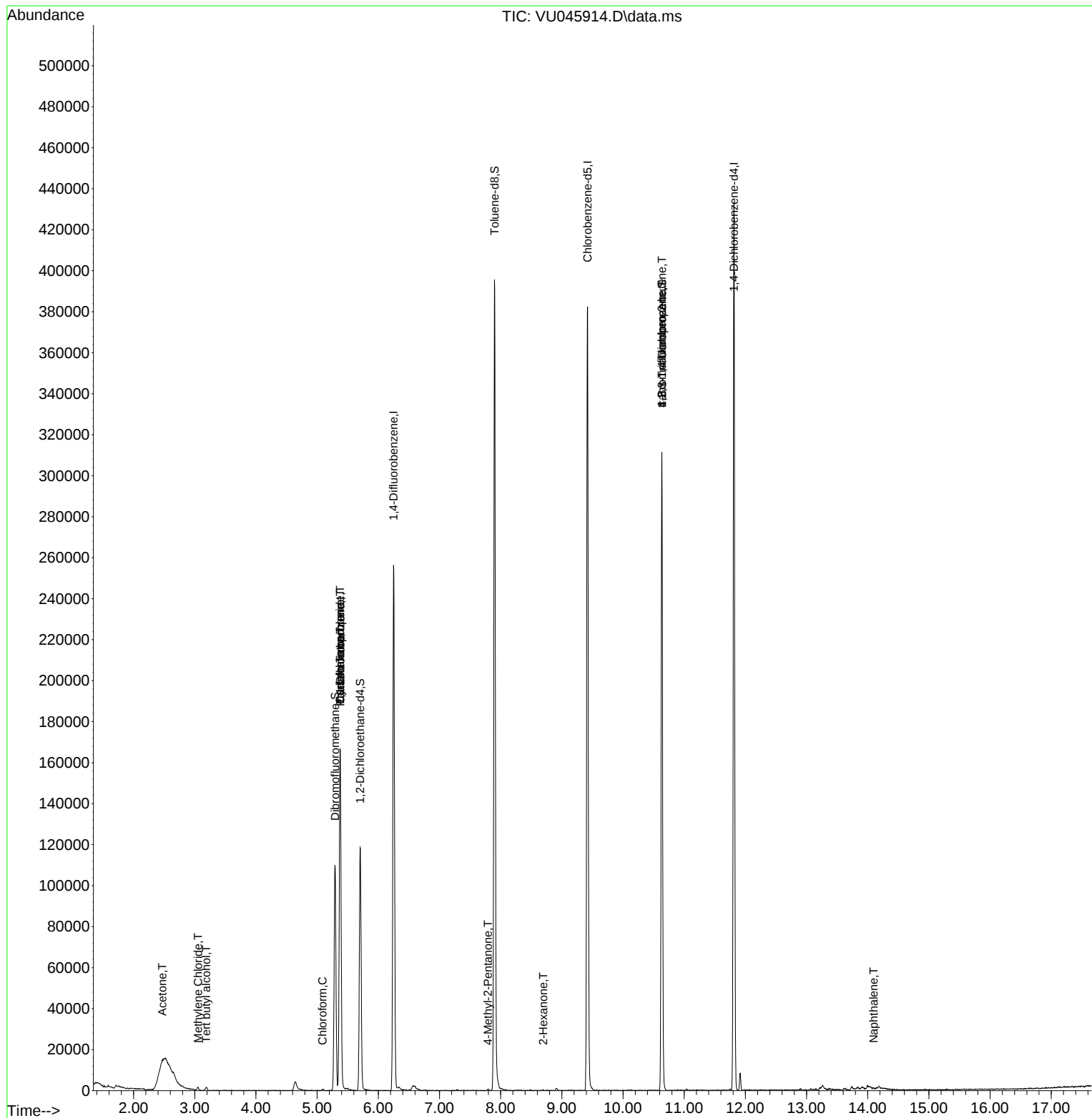
Internal Standards						
1) Pentafluorobenzene	5.378	168	114214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	206061	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	218142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	110183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	89166	52.129	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.260%	
35) Dibromofluoromethane	5.292	113	70435	51.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.400%	
50) Toluene-d8	7.899	98	270118	52.801	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.600%	
62) 4-Bromofluorobenzene	10.635	95	105142	51.254	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.186	59	941	2.779	ug/l #	72
16) Acetone	2.469	43	6709	7.705	ug/l #	42
20) Methylene Chloride	3.054	84	811	0.536	ug/l #	84
30) Chloroform	5.089	83	580	0.223	ug/l	94
31) Cyclohexane	5.375	56	2328	0.933	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	9576	4.766	ug/l #	50
38) Carbon Tetrachloride	5.375	117	12101	5.974	ug/l #	16
51) 4-Methyl-2-Pentanone	7.793	43	480	0.206	ug/l #	83
59) 2-Hexanone	8.697	43	187	7.624	ug/l #	21
76) 1,2,3-Trichloropropane	10.635	75	54293	16.249	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	54293	53.036	ug/l #	12
95) Naphthalene	14.095	128	405	1.073	ug/l #	69

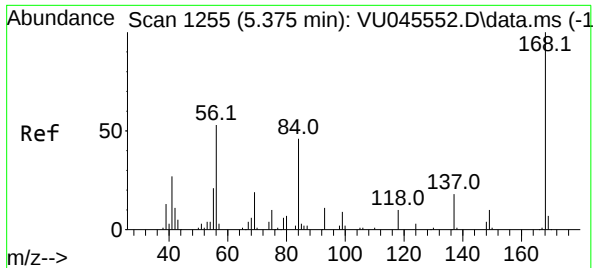
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
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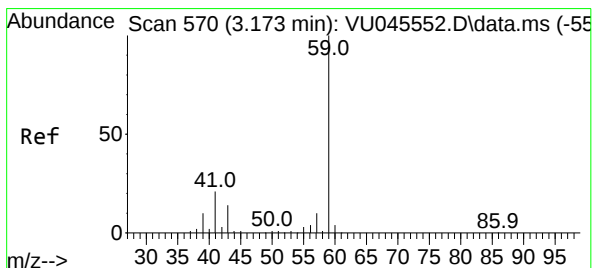
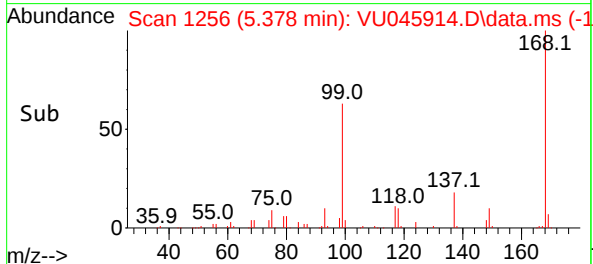
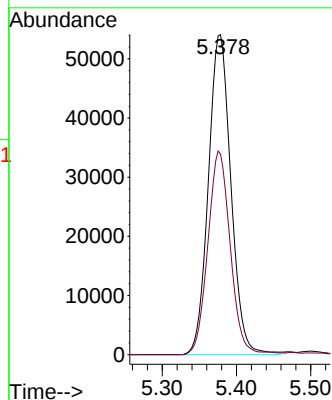
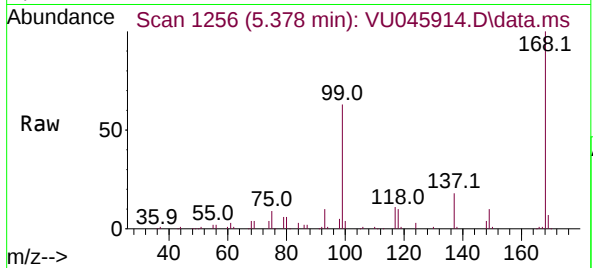




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045914.D
Acq: 22 Nov 2021 15:16

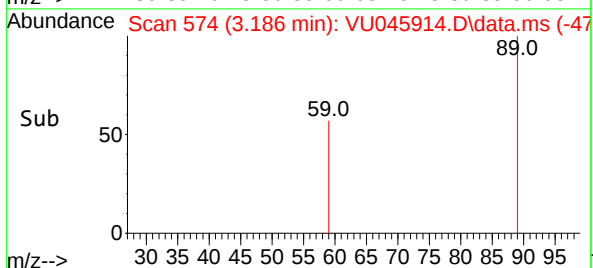
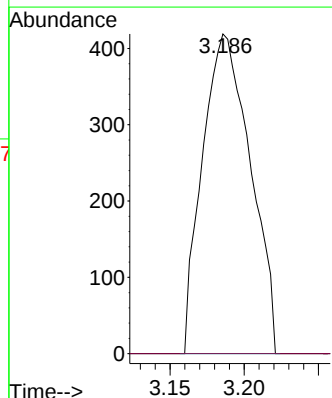
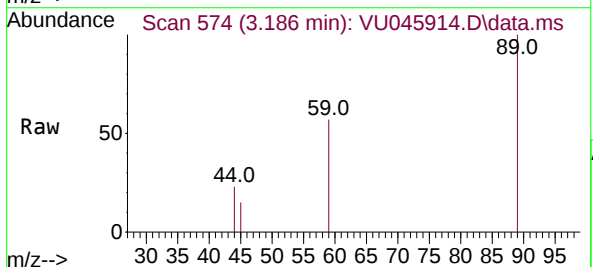
Instrument :
MSVOA_U
ClientSampleId :

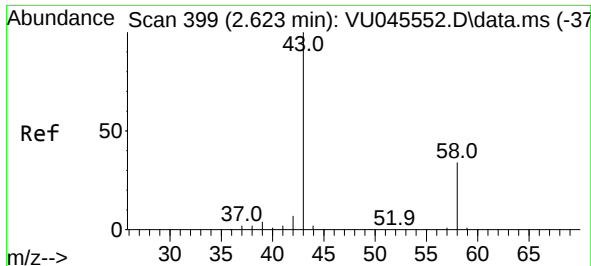
Tgt Ion:168 Resp: 114214
Ion Ratio Lower Upper
168 100
99 62.7 51.0 76.6



#11
Tert butyl alcohol
Concen: 2.779 ug/l
RT: 3.186 min Scan# 574
Delta R.T. 0.013 min
Lab File: VU045914.D
Acq: 22 Nov 2021 15:16

Tgt Ion: 59 Resp: 941
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

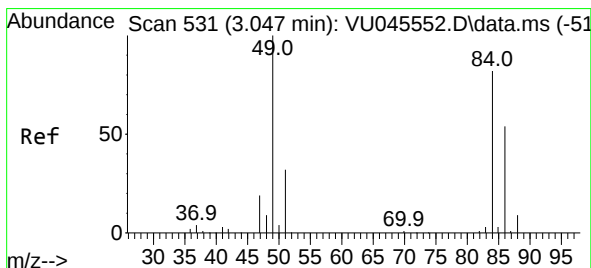
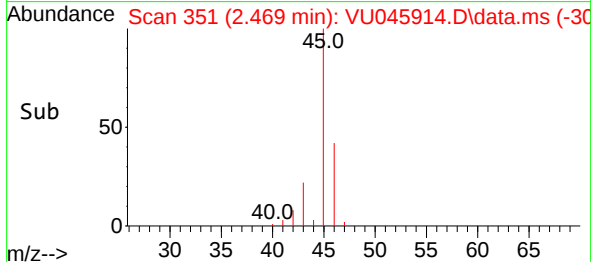
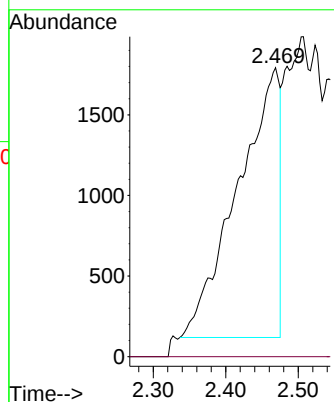
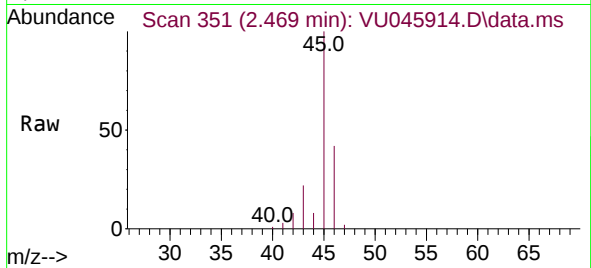




#16
 Acetone
 Concen: 7.705 ug/l
 RT: 2.469 min Scan# 31
 Delta R.T. -0.154 min
 Lab File: VU045914.D
 Acq: 22 Nov 2021 15:16

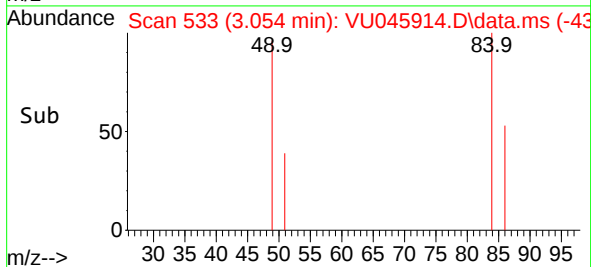
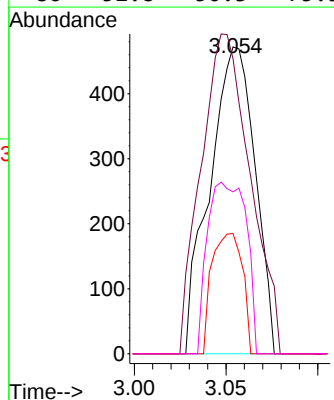
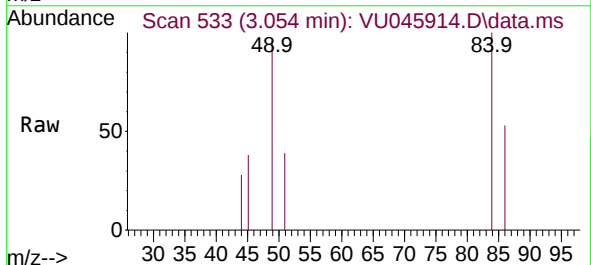
Instrument :
 MSVOA_U
 ClientSampleId :

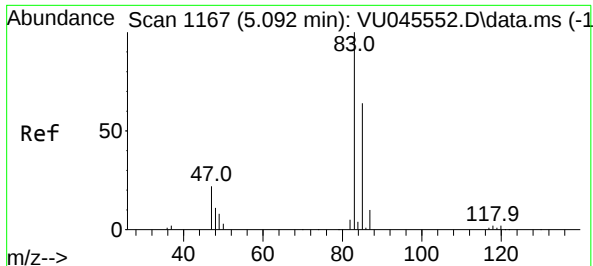
Tgt Ion: 43 Resp: 6709
 Ion Ratio Lower Upper
 43 100
 58 0.0 26.2 39.2#



#20
 Methylene Chloride
 Concen: 0.536 ug/l
 RT: 3.054 min Scan# 533
 Delta R.T. 0.006 min
 Lab File: VU045914.D
 Acq: 22 Nov 2021 15:16

Tgt Ion: 84 Resp: 811
 Ion Ratio Lower Upper
 84 100
 49 96.2 96.4 144.6#
 51 39.2 30.5 45.7
 86 52.8 50.3 75.5





#30

Chloroform

Concen: 0.223 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU045914.D

Acq: 22 Nov 2021 15:16

Instrument :

MSVOA_U

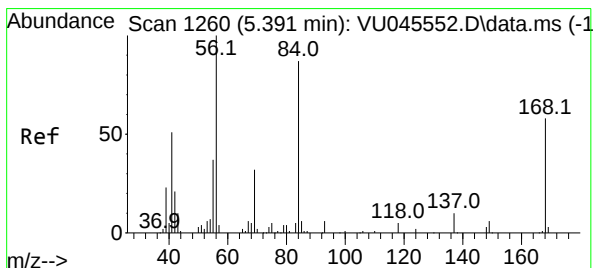
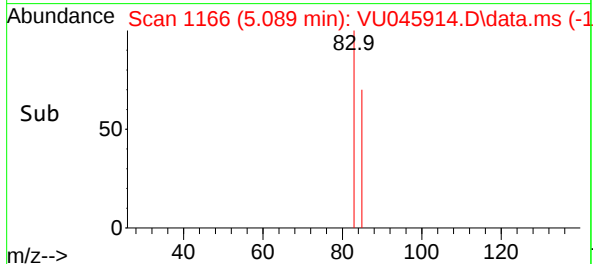
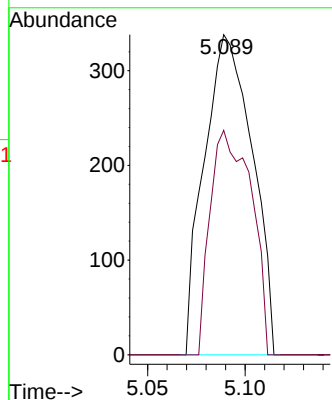
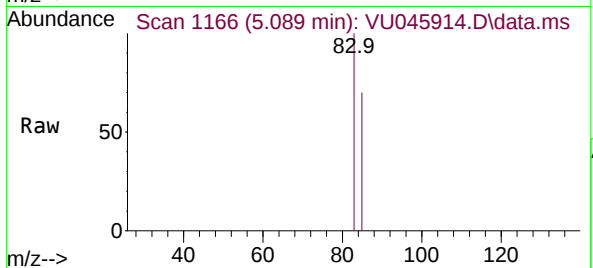
ClientSampleId :

Tgt Ion: 83 Resp: 580

Ion Ratio Lower Upper

83 100

85 70.1 52.0 78.0



#31

Cyclohexane

Concen: 0.933 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.016 min

Lab File: VU045914.D

Acq: 22 Nov 2021 15:16

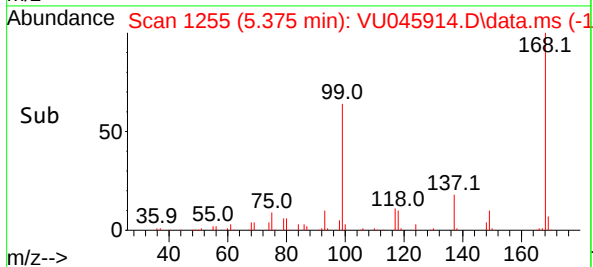
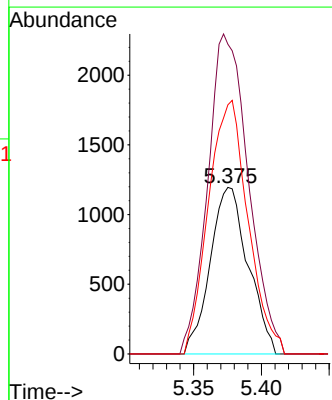
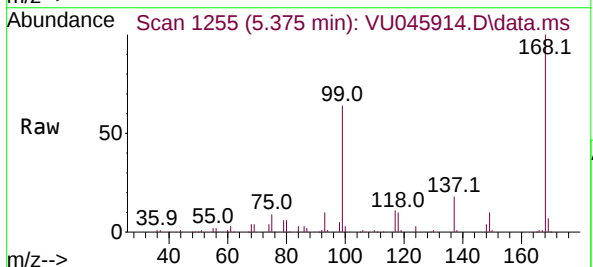
Tgt Ion: 56 Resp: 2328

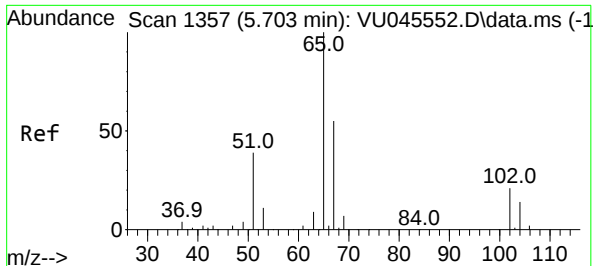
Ion Ratio Lower Upper

56 100

69 185.9 26.4 39.6#

84 149.5 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 52.129 ug/l

RT: 5.703 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045914.D

Acq: 22 Nov 2021 15:16

Instrument :

MSVOA_U

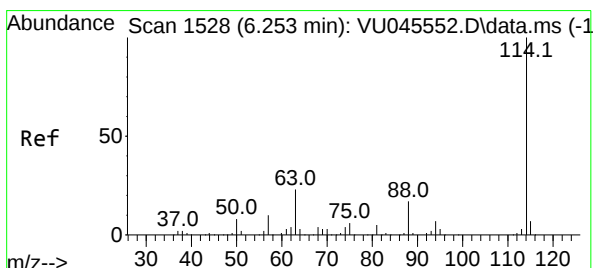
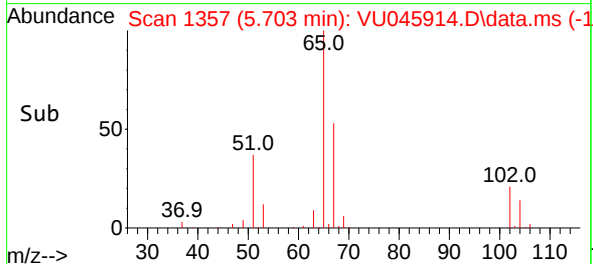
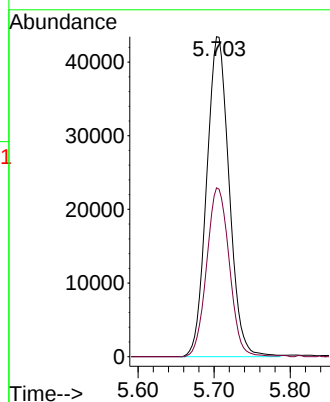
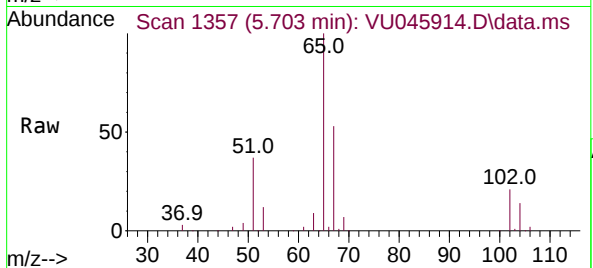
ClientSampleId :

Tgt Ion: 65 Resp: 89166

Ion Ratio Lower Upper

65 100

67 53.1 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: VU045914.D

Acq: 22 Nov 2021 15:16

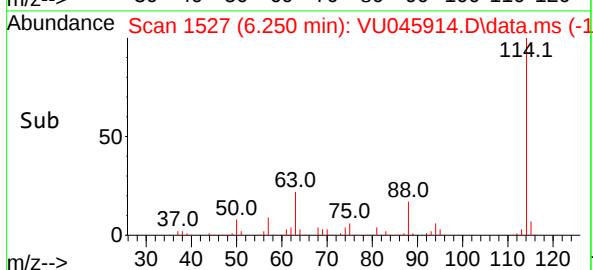
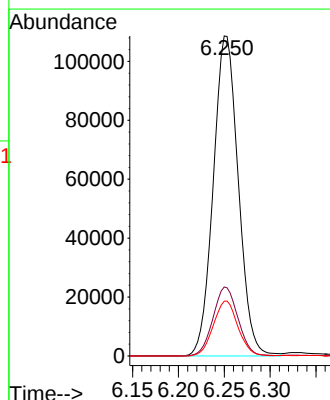
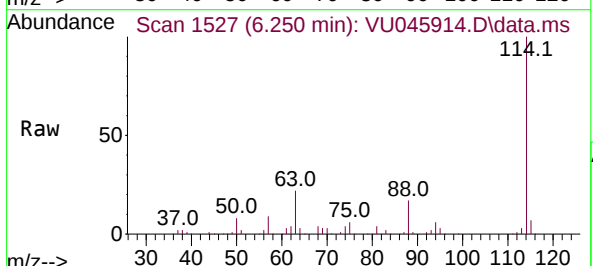
Tgt Ion: 114 Resp: 206061

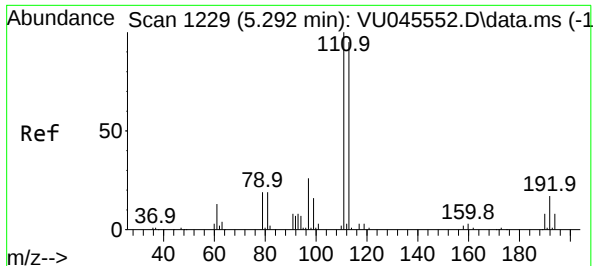
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.6

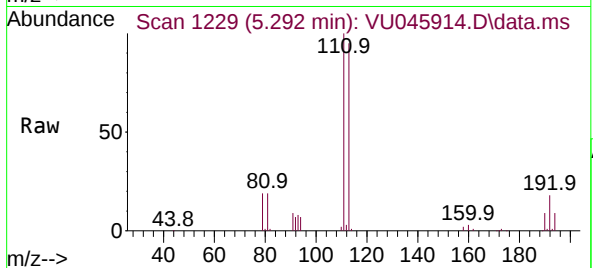
88 17.1 0.0 33.8



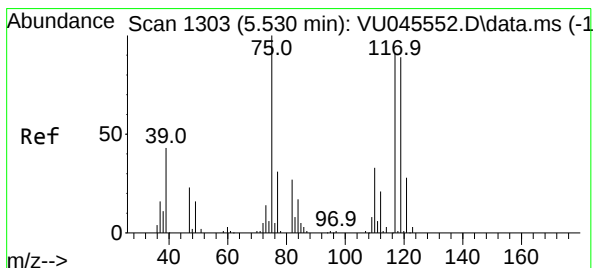
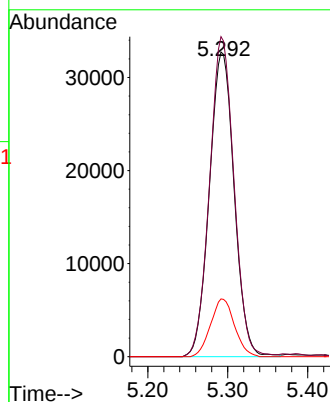
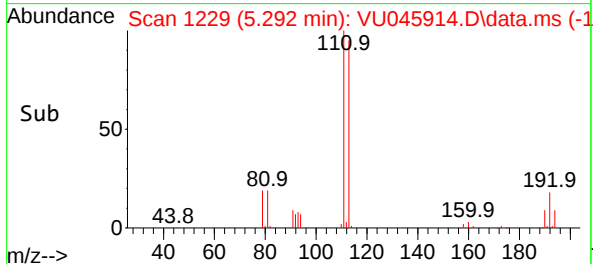


#35
Dibromofluoromethane
Concen: 51.197 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045914.D
Acq: 22 Nov 2021 15:16

Instrument :
MSVOA_U
ClientSampleId :

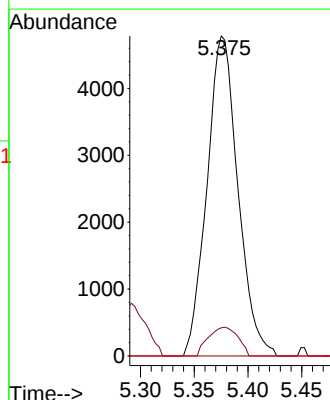
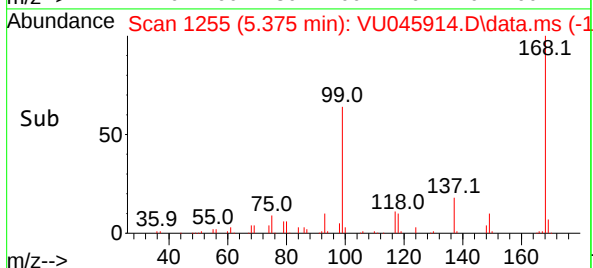
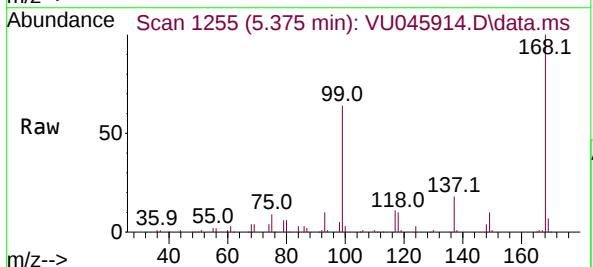


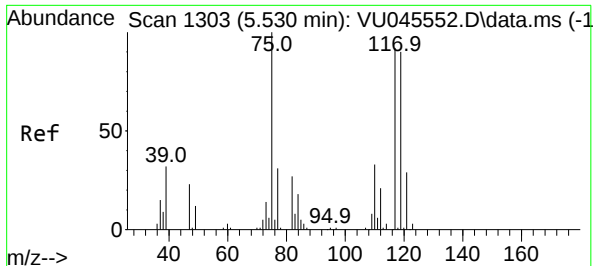
Tgt Ion:113 Resp: 70435
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 18.3 14.8 22.2



#36
1,1-Dichloropropene
Concen: 4.766 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045914.D
Acq: 22 Nov 2021 15:16

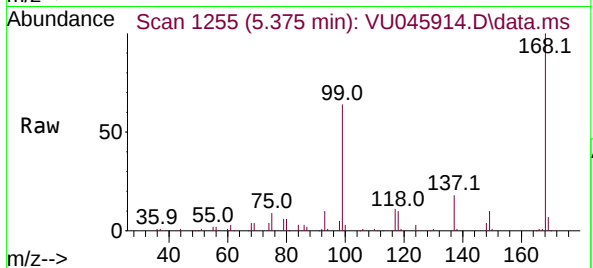
Tgt Ion: 75 Resp: 9576
Ion Ratio Lower Upper
75 100
110 8.6 16.7 50.0#
77 0.0 25.0 37.4#



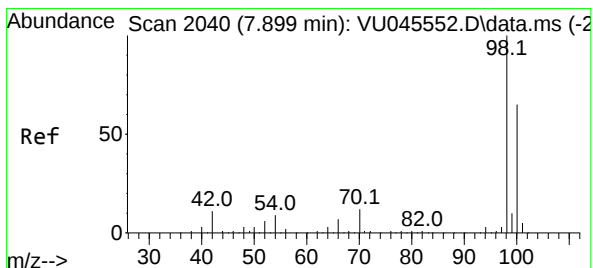
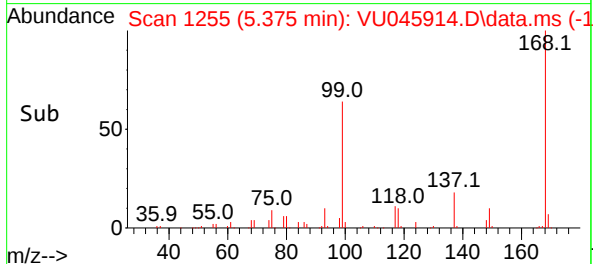
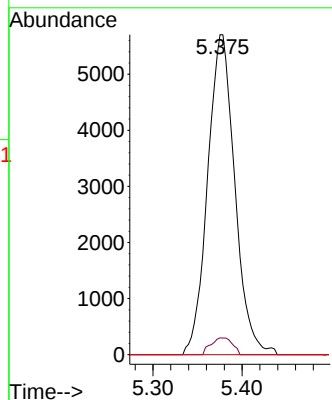


#38
Carbon Tetrachloride
Concen: 5.974 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045914.D
Acq: 22 Nov 2021 15:16

Instrument :
MSVOA_U
ClientSampleId :

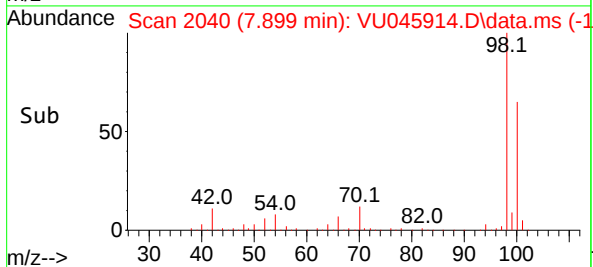
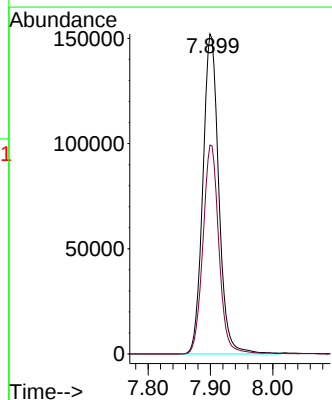
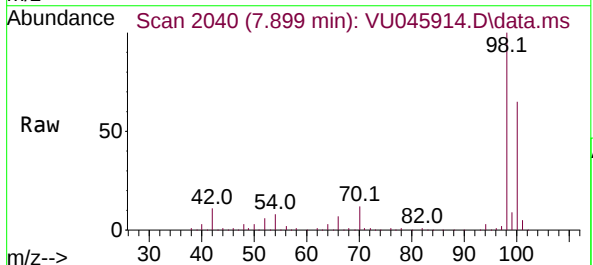


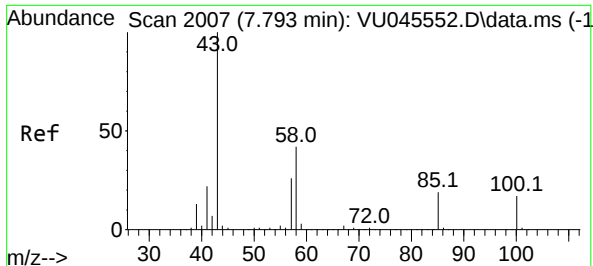
Tgt Ion:117 Resp: 12101
Ion Ratio Lower Upper
117 100
119 5.2 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.801 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045914.D
Acq: 22 Nov 2021 15:16

Tgt Ion: 98 Resp: 270118
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.206 ug/l

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045914.D

Acq: 22 Nov 2021 15:16

Instrument :

MSVOA_U

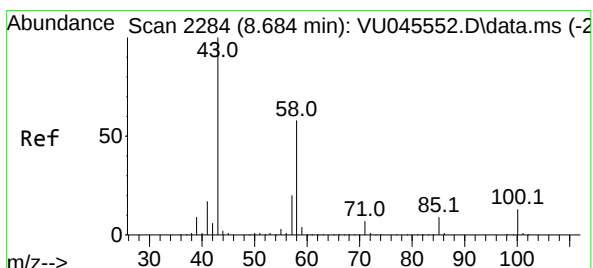
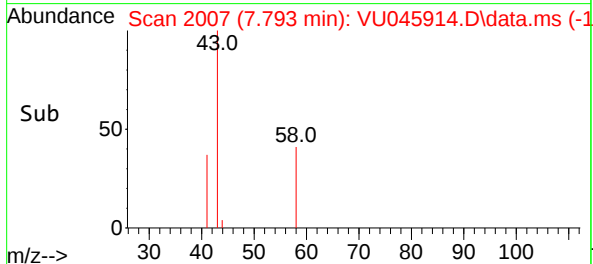
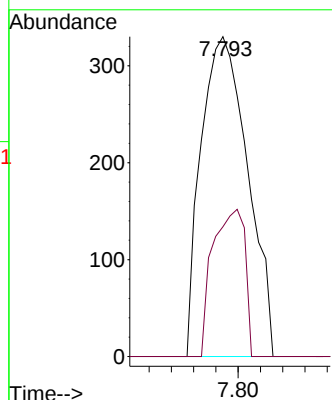
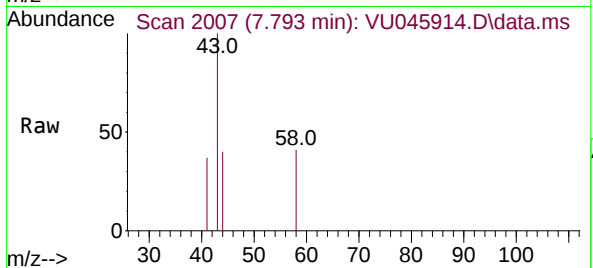
ClientSampleId :

Tgt Ion: 43 Resp: 480

Ion Ratio Lower Upper

43 100

58 31.7 33.8 50.8#



#59

2-Hexanone

Concen: 7.624 ug/l

RT: 8.697 min Scan# 2288

Delta R.T. 0.013 min

Lab File: VU045914.D

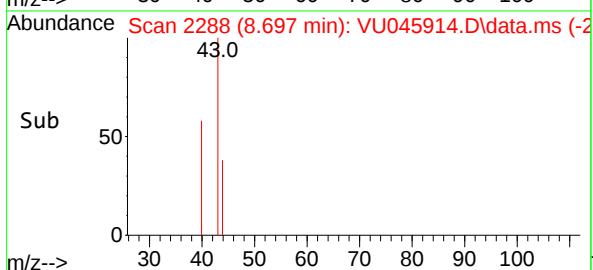
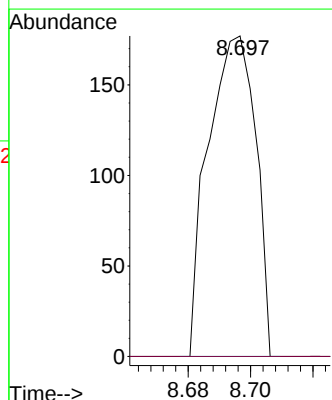
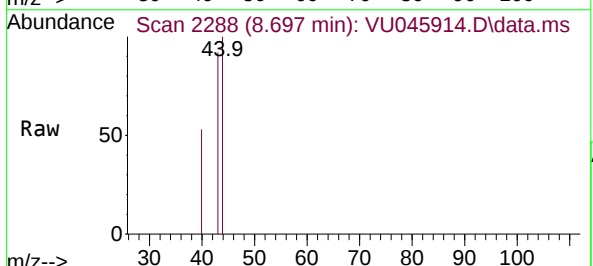
Acq: 22 Nov 2021 15:16

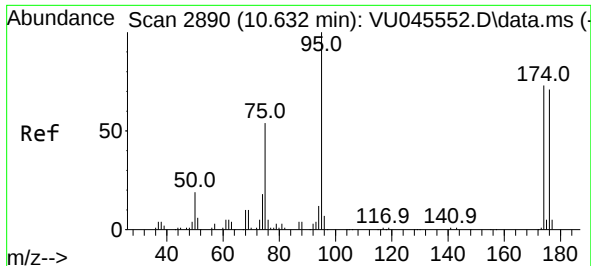
Tgt Ion: 43 Resp: 187

Ion Ratio Lower Upper

43 100

58 0.0 29.5 88.6#

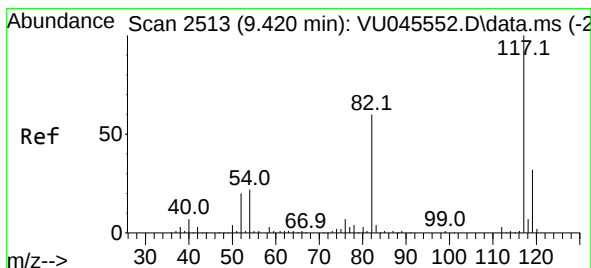
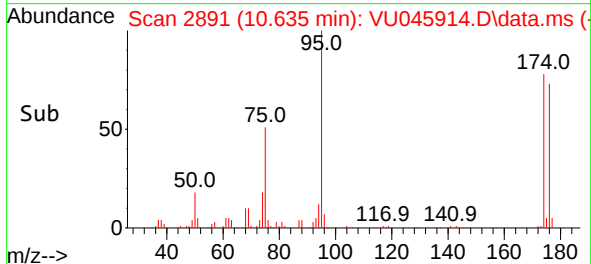
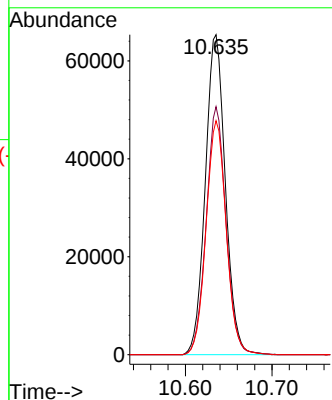
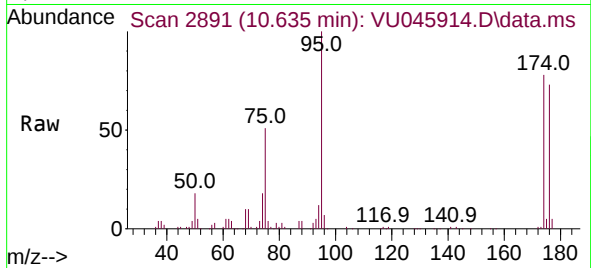




#62
4-Bromofluorobenzene
Concen: 51.254 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045914.D
Acq: 22 Nov 2021 15:16

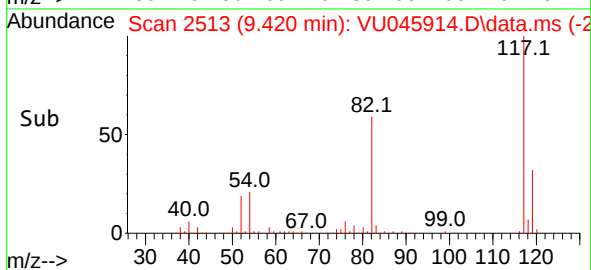
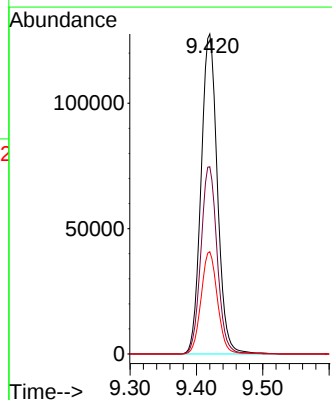
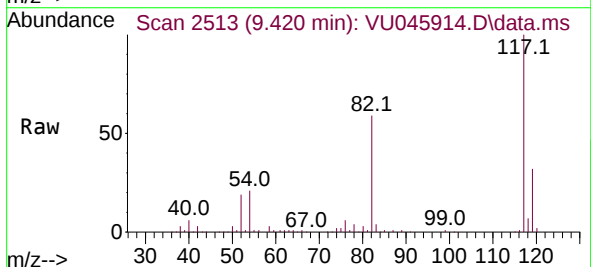
Instrument :
MSVOA_U
ClientSampleId :

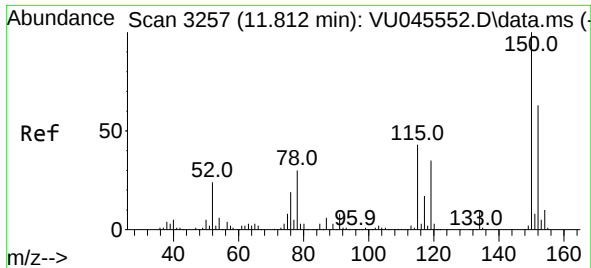
Tgt Ion: 95 Resp: 105142
Ion Ratio Lower Upper
95 100
174 76.5 0.0 141.8
176 73.5 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045914.D
Acq: 22 Nov 2021 15:16

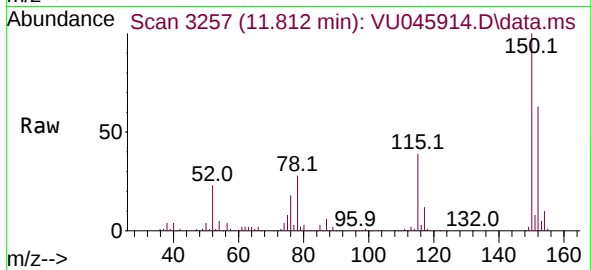
Tgt Ion: 117 Resp: 218142
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.8
119 31.9 25.8 38.8



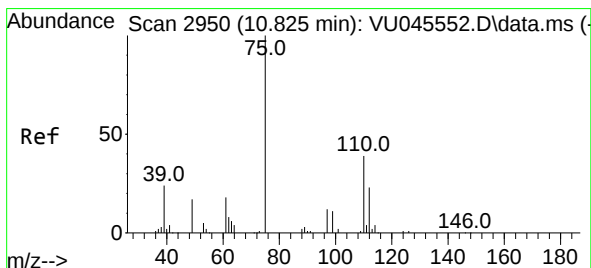
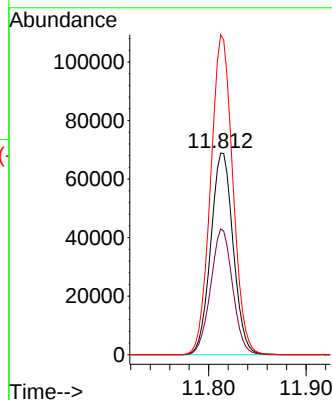
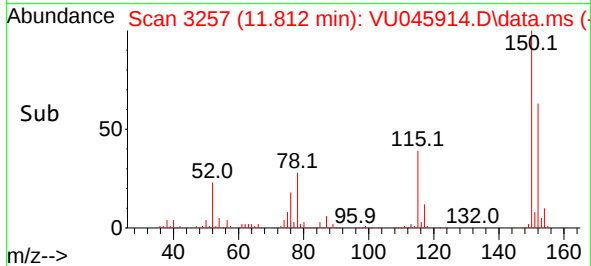


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU045914.D
 Acq: 22 Nov 2021 15:16

Instrument :
 MSVOA_U
 ClientSampleId :

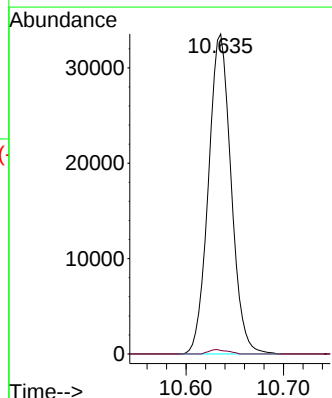
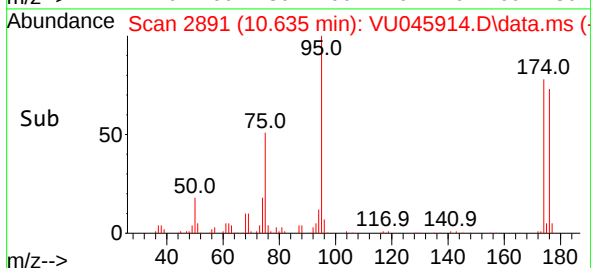
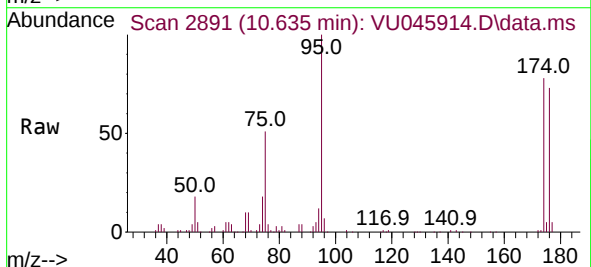


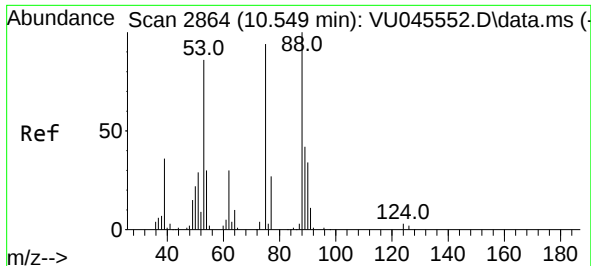
Tgt Ion:152 Resp: 110183
 Ion Ratio Lower Upper
 152 100
 115 61.1 42.7 128.1
 150 157.1 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 16.249 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. -0.190 min
 Lab File: VU045914.D
 Acq: 22 Nov 2021 15:16

Tgt Ion: 75 Resp: 54293
 Ion Ratio Lower Upper
 75 100
 77 1.1 17.1 51.3#

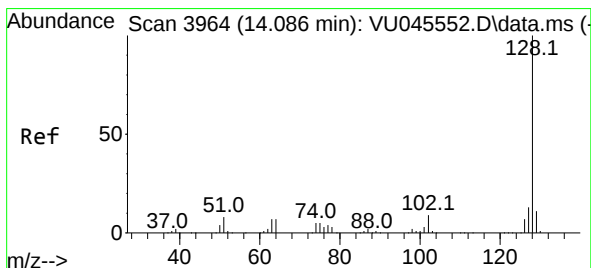
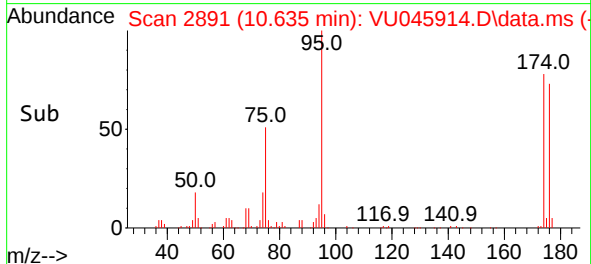
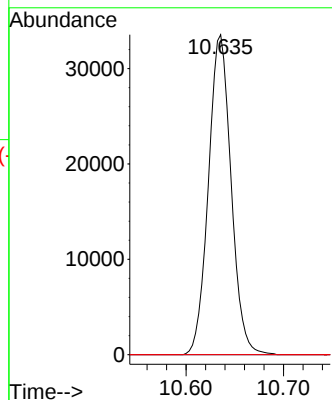
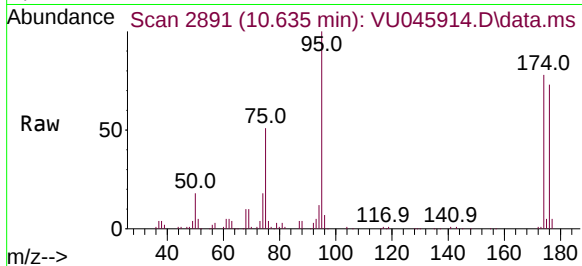




#81
trans-1,4-Dichloro-2-butene
Concen: 53.036 ug/l
RT: 10.635 min Scan# 21
Delta R.T. 0.086 min
Lab File: VU045914.D
Acq: 22 Nov 2021 15:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 54293
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.073 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.009 min
Lab File: VU045914.D
Acq: 22 Nov 2021 15:16

Tgt Ion: 128 Resp: 405
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 13.0#

