

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045913.D
 Acq On : 22 Nov 2021 14:54
 Operator : SY/MD
 Sample : M4737-14 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 05:15:06 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)

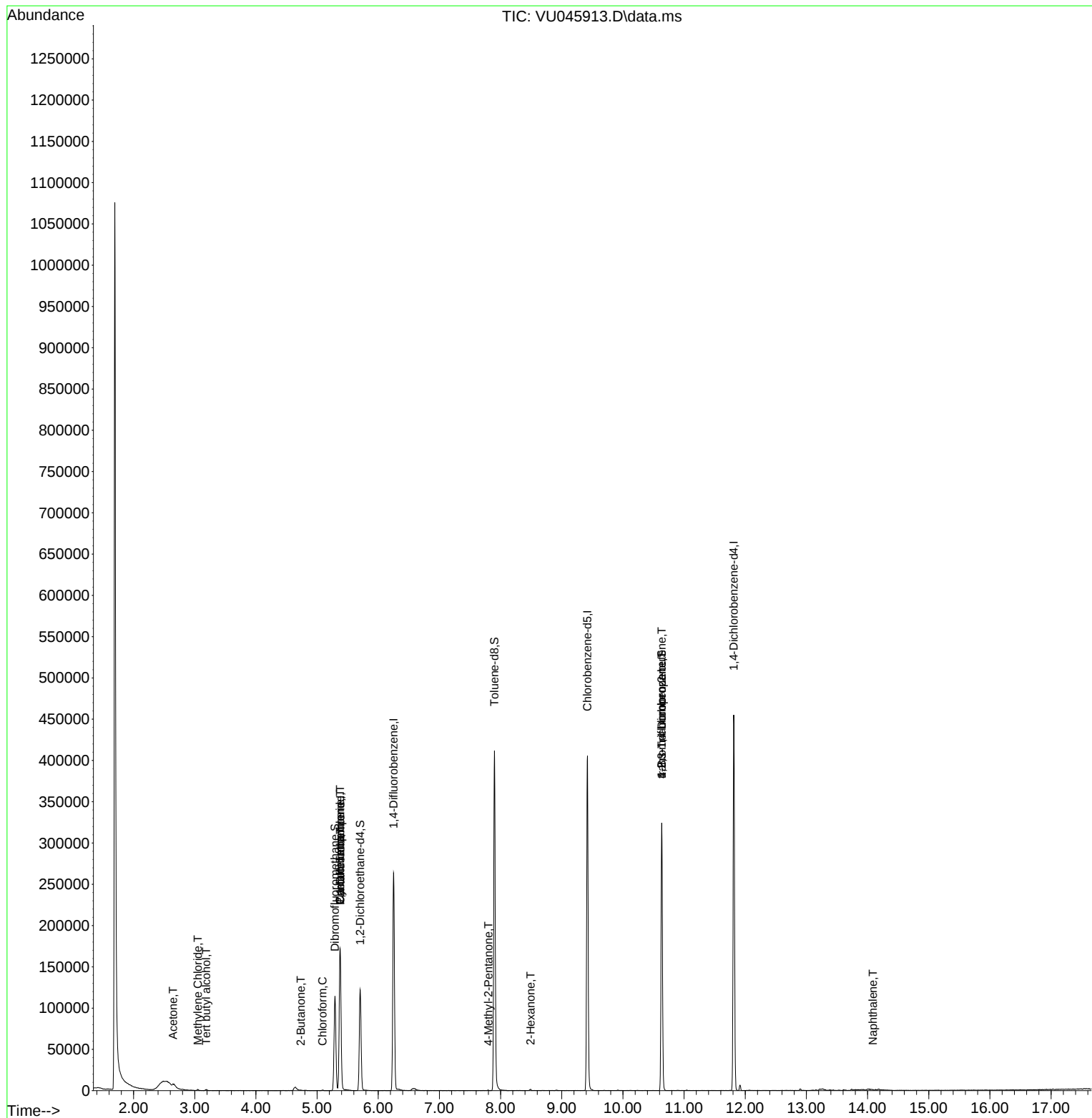
Internal Standards						
1) Pentafluorobenzene	5.378	168	117915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	213329	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	225531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	117417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	91245	51.670	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.340%	
35) Dibromofluoromethane	5.292	113	73627	51.694	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.380%	
50) Toluene-d8	7.899	98	277791	52.451	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.900%	
62) 4-Bromofluorobenzene	10.635	95	109647	51.629	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.186	59	779	2.229	ug/l #	72
16) Acetone	2.645	43	1975	2.197	ug/l	99
20) Methylene Chloride	3.051	84	620	0.397	ug/l #	83
25) 2-Butanone	4.735	43	603	0.484	ug/l #	47
30) Chloroform	5.089	83	559	0.209	ug/l	98
31) Cyclohexane	5.375	56	2484	0.964	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10077	4.844	ug/l #	49
38) Carbon Tetrachloride	5.375	117	13000	6.199	ug/l #	16
51) 4-Methyl-2-Pentanone	7.800	43	495	0.205	ug/l #	54
59) 2-Hexanone	8.491	43	900	7.951	ug/l	68
76) 1,2,3-Trichloropropane	10.635	75	58485	16.425	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.635	75	58485	53.579	ug/l #	12
95) Naphthalene	14.089	128	582	1.089	ug/l #	69

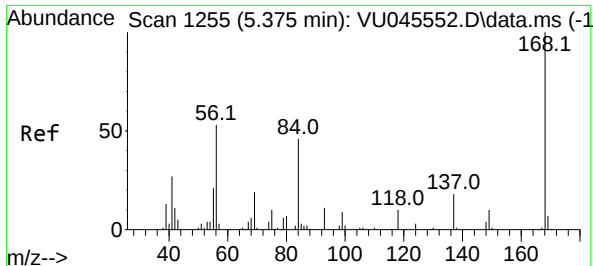
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

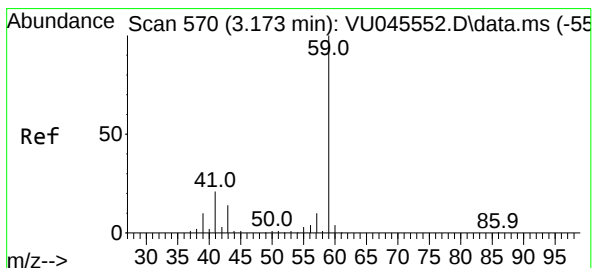
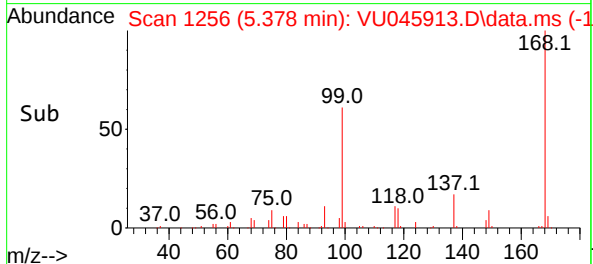
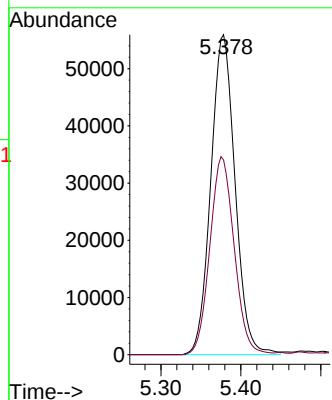
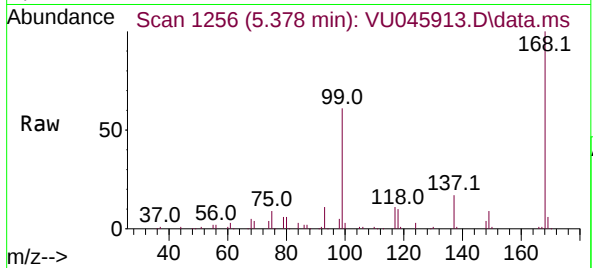




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045913.D
Acq: 22 Nov 2021 14:54

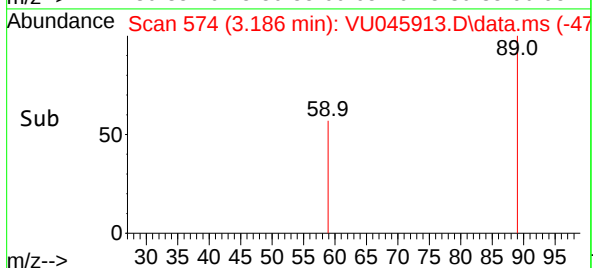
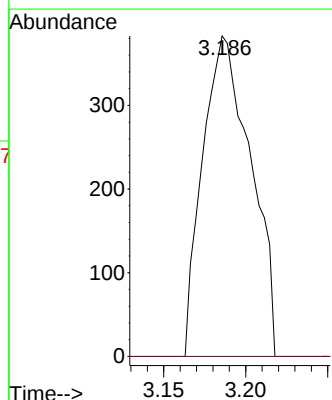
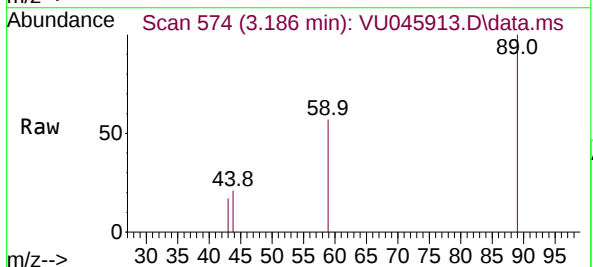
Instrument :
MSVOA_U
ClientSampleId :

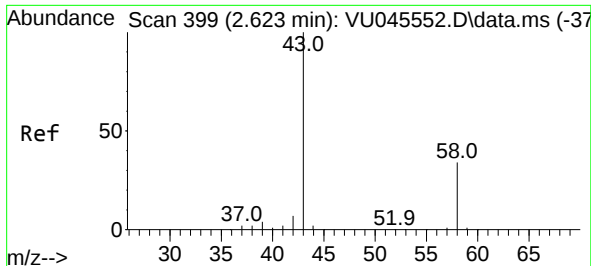
Tgt Ion:168 Resp: 117915
Ion Ratio Lower Upper
168 100
99 60.9 51.0 76.6



#11
Tert butyl alcohol
Concen: 2.229 ug/l
RT: 3.186 min Scan# 574
Delta R.T. 0.013 min
Lab File: VU045913.D
Acq: 22 Nov 2021 14:54

Tgt Ion: 59 Resp: 779
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

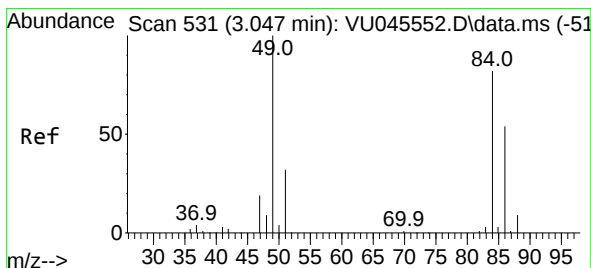
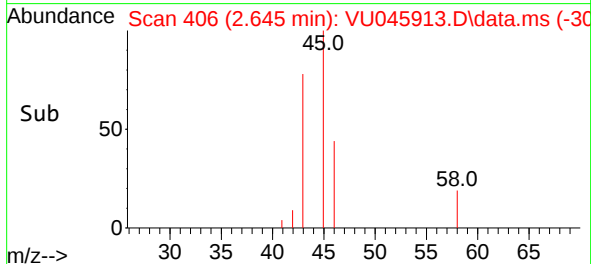
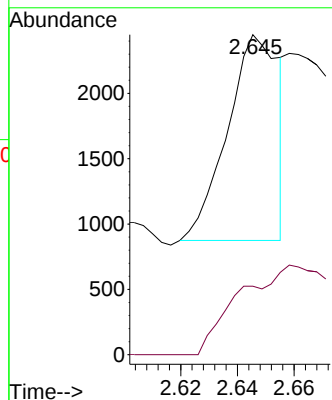
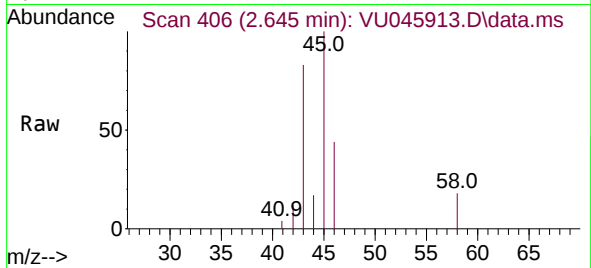




#16
Acetone
Concen: 2.197 ug/l
RT: 2.645 min Scan# 406
Delta R.T. 0.022 min
Lab File: VU045913.D
Acq: 22 Nov 2021 14:54

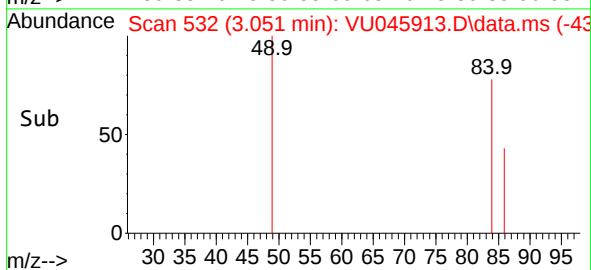
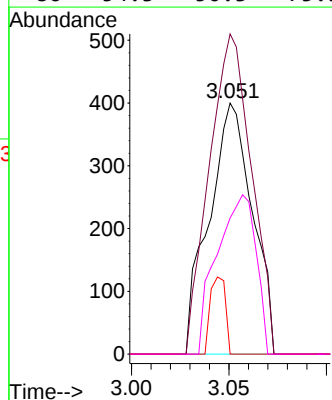
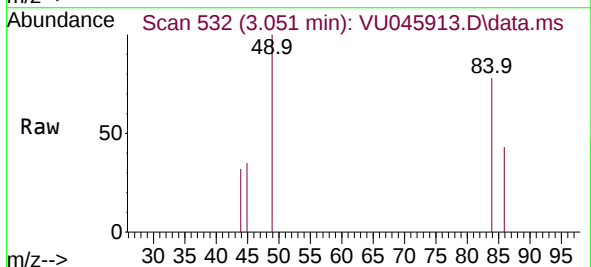
Instrument :
MSVOA_U
ClientSampleId :

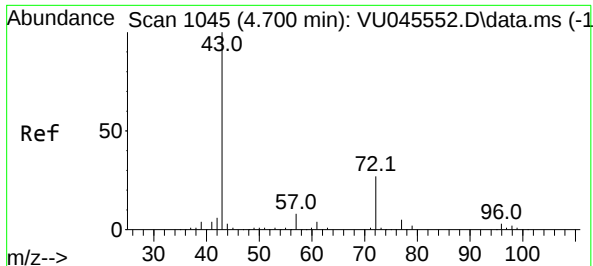
Tgt Ion: 43 Resp: 1975
Ion Ratio Lower Upper
43 100
58 33.4 26.2 39.2



#20
Methylene Chloride
Concen: 0.397 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045913.D
Acq: 22 Nov 2021 14:54

Tgt Ion: 84 Resp: 620
Ion Ratio Lower Upper
84 100
49 127.5 96.4 144.6
51 0.0 30.5 45.7#
86 54.3 50.3 75.5





#25

2-Butanone

Concen: 0.484 ug/l

RT: 4.735 min Scan# 1105

Delta R.T. 0.035 min

Lab File: VU045913.D

Acq: 22 Nov 2021 14:54

Instrument :

MSVOA_U

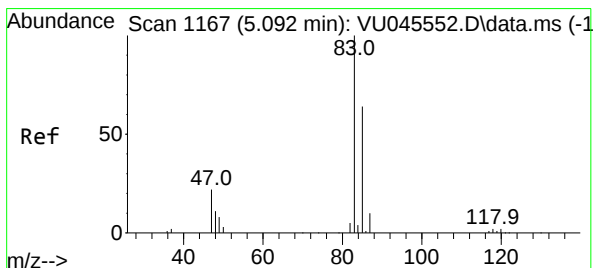
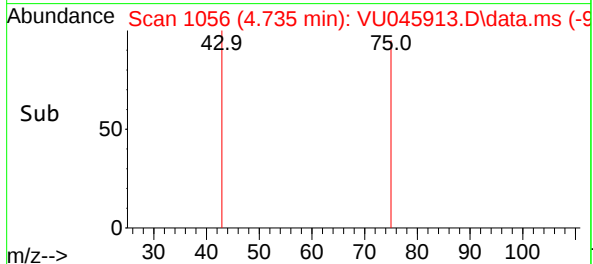
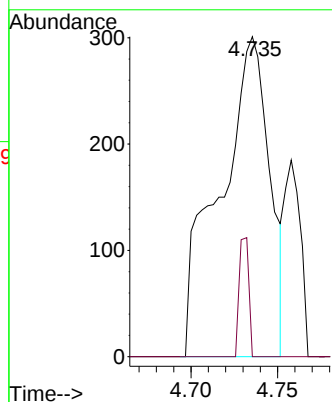
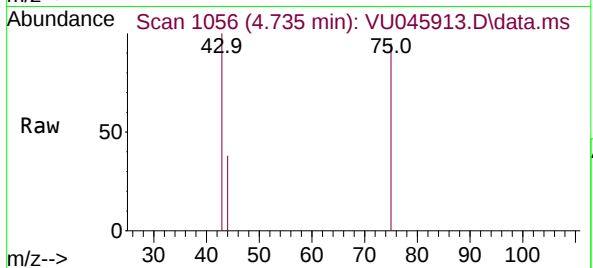
ClientSampleId :

Tgt Ion: 43 Resp: 603

Ion Ratio Lower Upper

43 100

72 0.0 22.0 33.0#



#30

Chloroform

Concen: 0.209 ug/l

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU045913.D

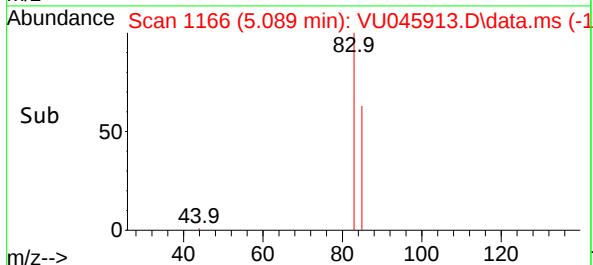
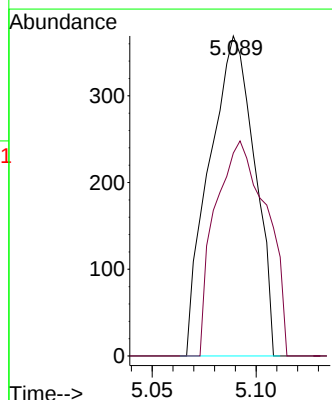
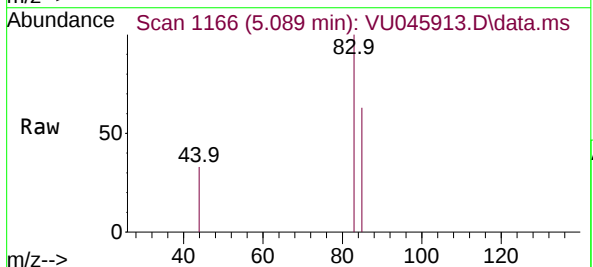
Acq: 22 Nov 2021 14:54

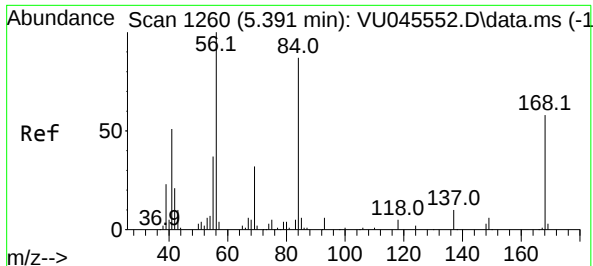
Tgt Ion: 83 Resp: 559

Ion Ratio Lower Upper

83 100

85 63.4 52.0 78.0





#31

Cyclohexane

Concen: 0.964 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.016 min

Lab File: VU045913.D

Acq: 22 Nov 2021 14:54

Instrument :

MSVOA_U

ClientSampleId :

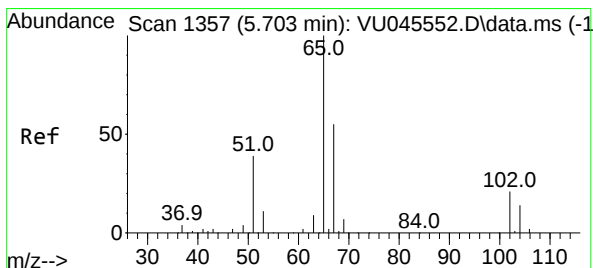
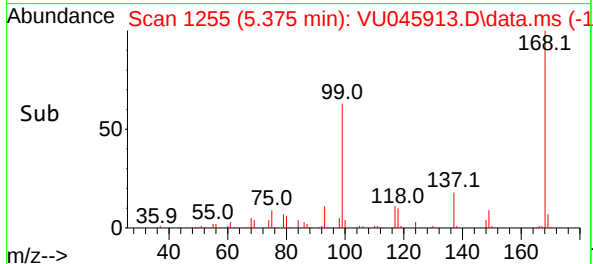
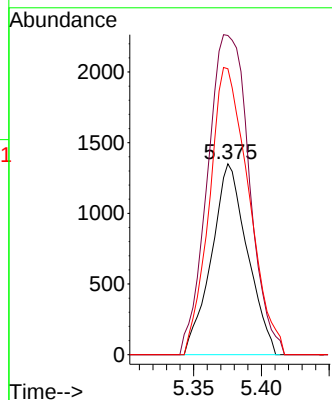
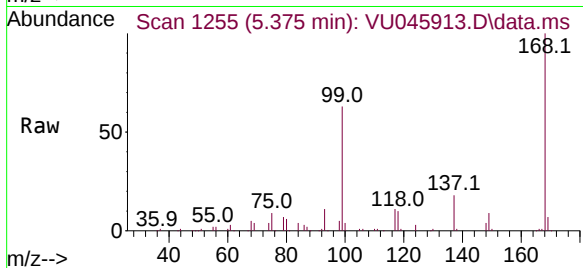
Tgt Ion: 56 Resp: 2484

Ion Ratio Lower Upper

56 100

69 167.3 26.4 39.6#

84 149.9 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 51.670 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. -0.000 min

Lab File: VU045913.D

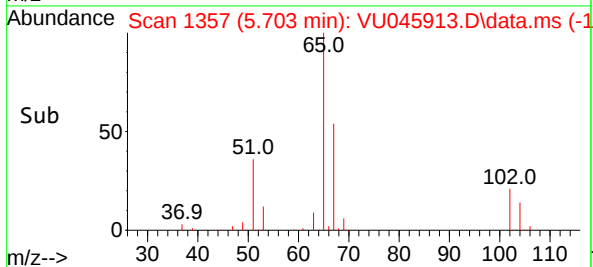
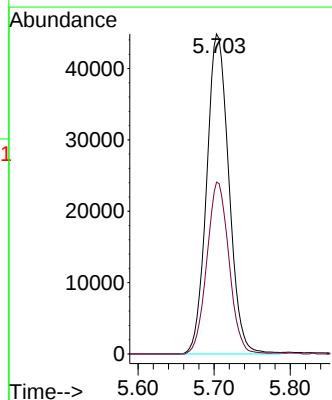
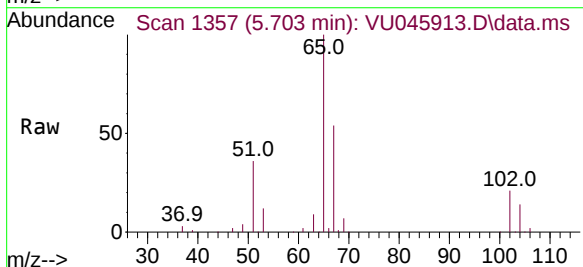
Acq: 22 Nov 2021 14:54

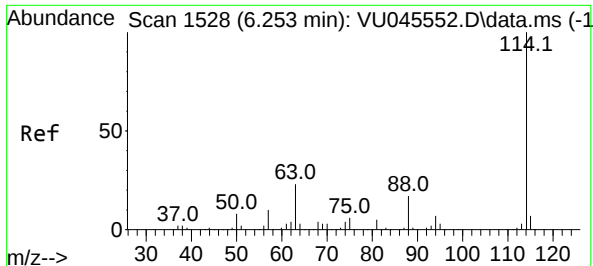
Tgt Ion: 65 Resp: 91245

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU045913.D

Acq: 22 Nov 2021 14:54

Instrument :

MSVOA_U

ClientSampleId :

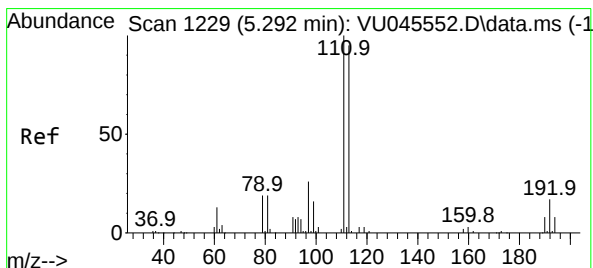
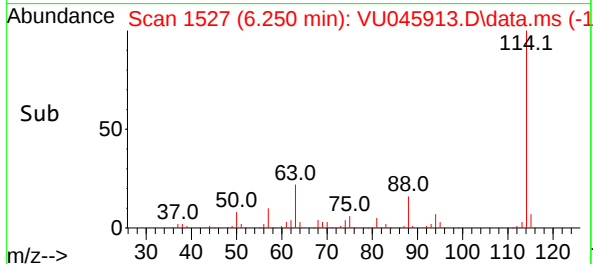
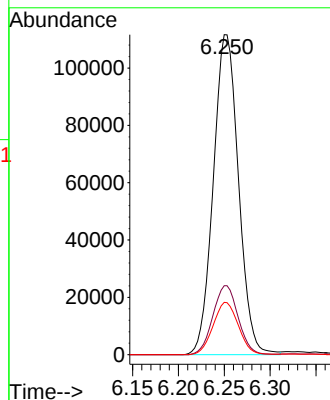
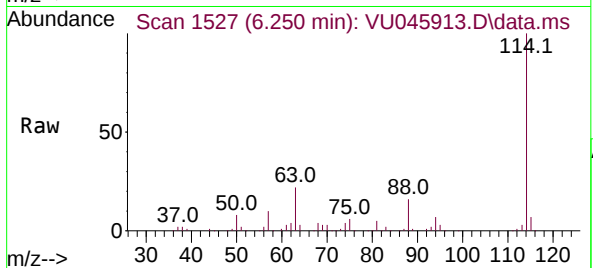
Tgt Ion:114 Resp: 213329

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.6

88 16.3 0.0 33.8



#35

Dibromofluoromethane

Concen: 51.694 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045913.D

Acq: 22 Nov 2021 14:54

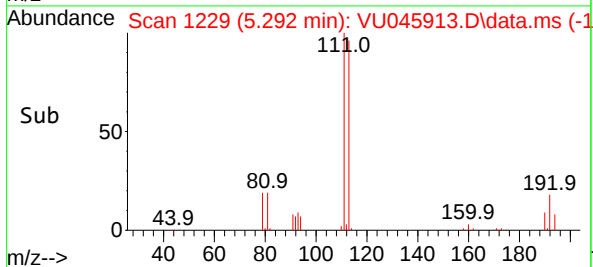
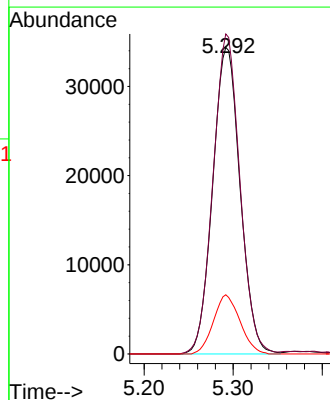
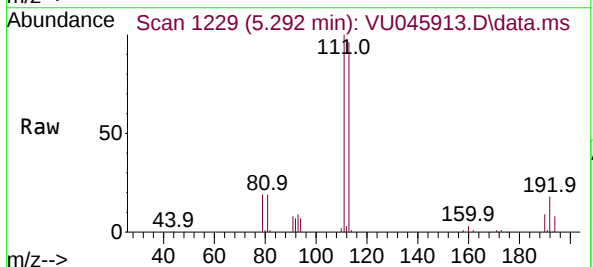
Tgt Ion:113 Resp: 73627

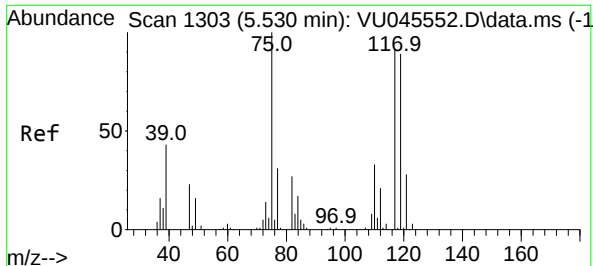
Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 18.6 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.844 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045913.D

Acq: 22 Nov 2021 14:54

Instrument :

MSVOA_U

ClientSampleId :

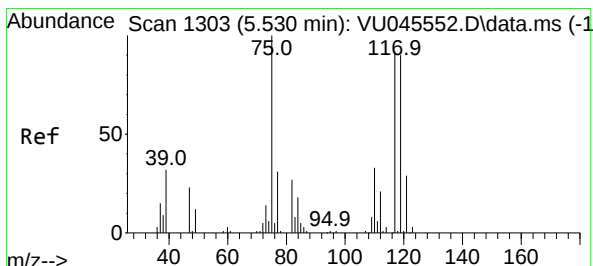
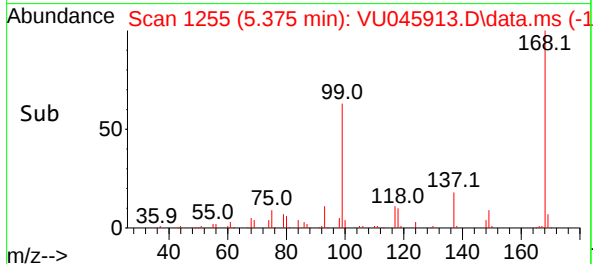
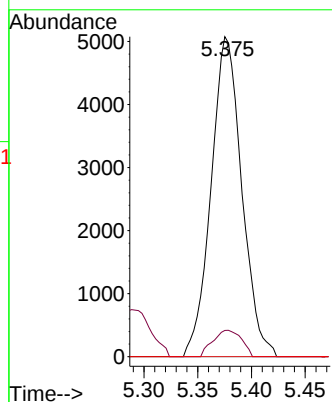
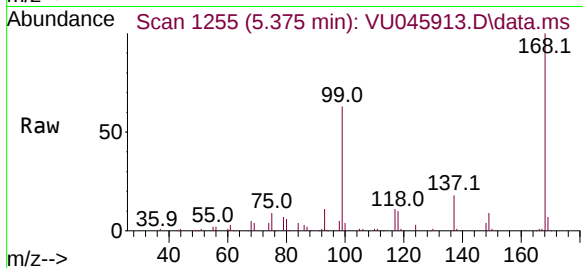
Tgt Ion: 75 Resp: 10077

Ion Ratio Lower Upper

75 100

110 7.7 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.199 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045913.D

Acq: 22 Nov 2021 14:54

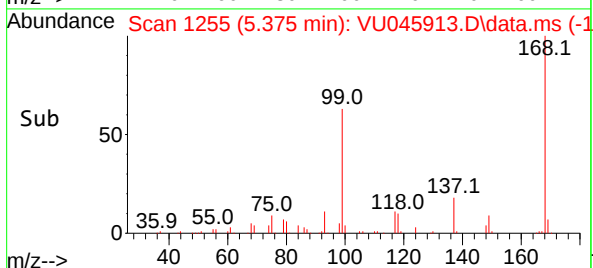
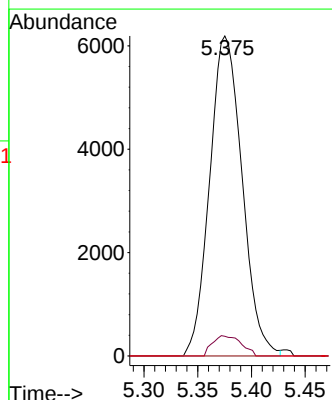
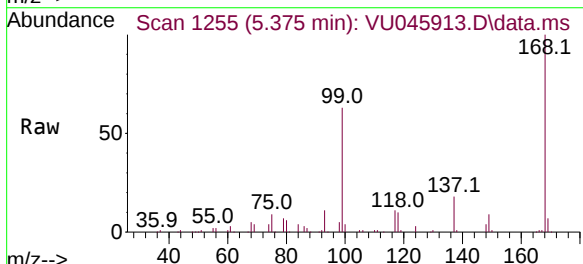
Tgt Ion: 117 Resp: 13000

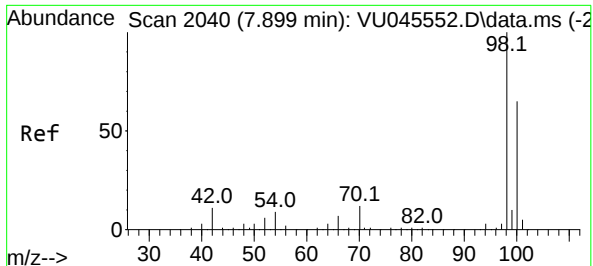
Ion Ratio Lower Upper

117 100

119 6.1 77.4 116.0#

121 0.0 24.8 37.2#

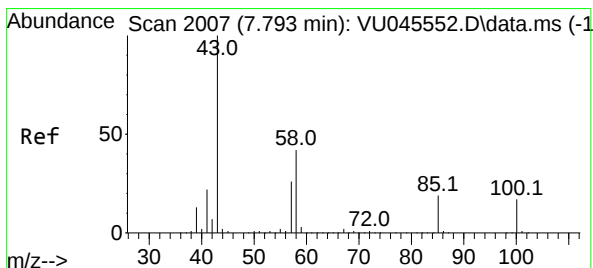
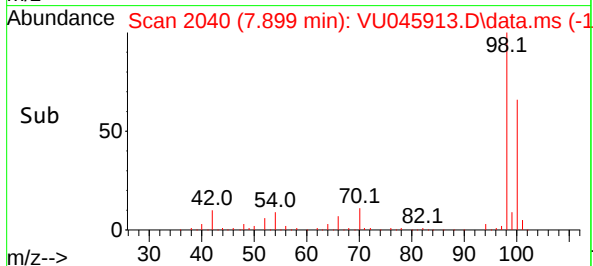
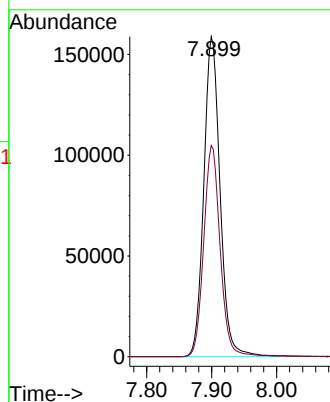
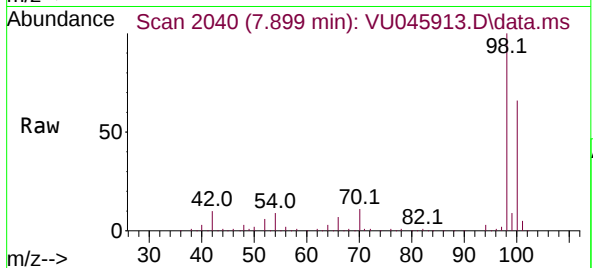




#50
Toluene-d8
Concen: 52.451 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045913.D
Acq: 22 Nov 2021 14:54

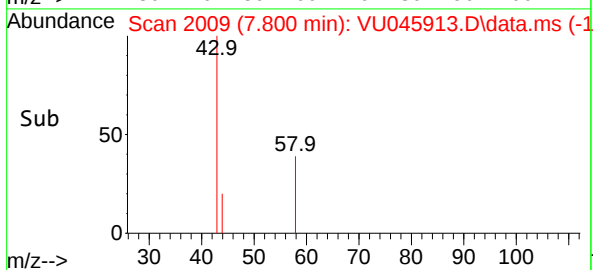
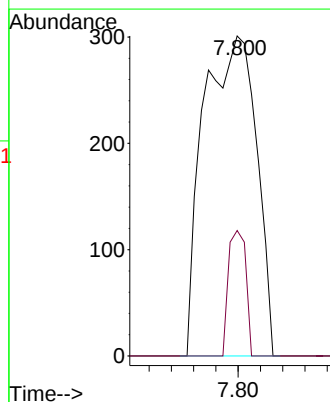
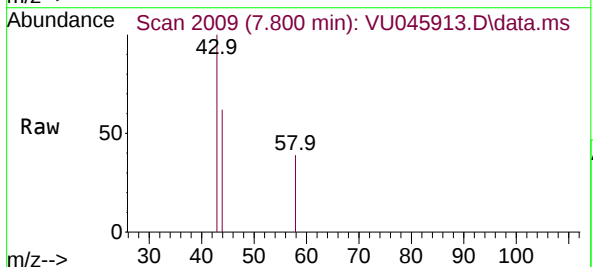
Instrument :
MSVOA_U
ClientSampleId :

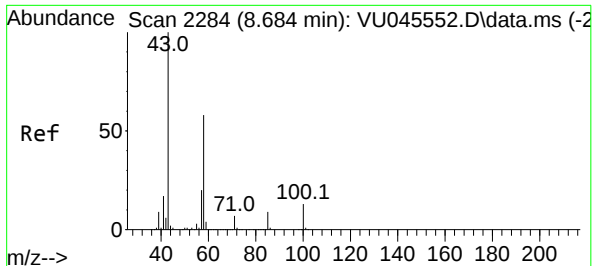
Tgt Ion: 98 Resp: 277791
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.205 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VU045913.D
Acq: 22 Nov 2021 14:54

Tgt Ion: 43 Resp: 495
Ion Ratio Lower Upper
43 100
58 12.9 33.8 50.8#

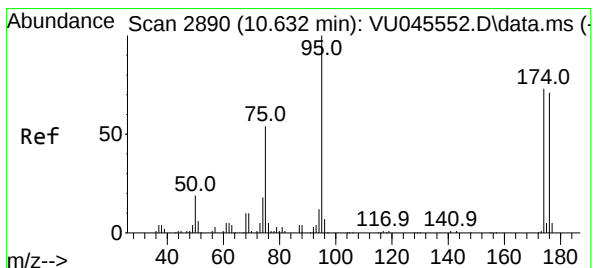
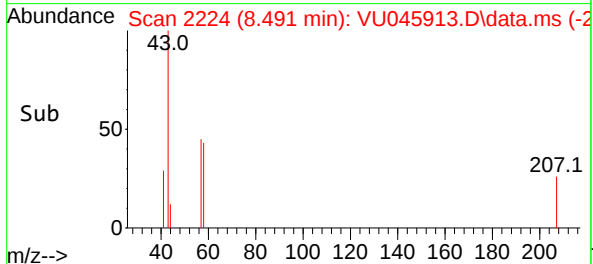
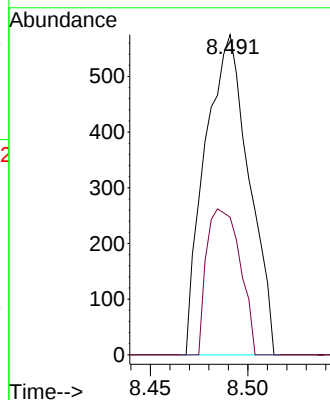
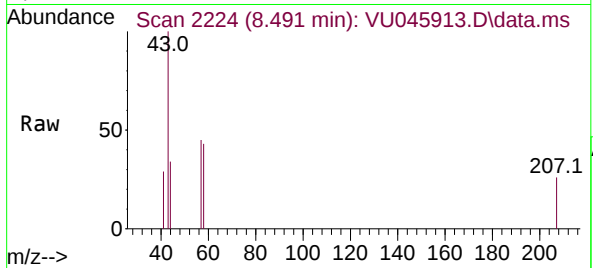




#59
2-Hexanone
Concen: 7.951 ug/l
RT: 8.491 min Scan# 21
Delta R.T. -0.193 min
Lab File: VU045913.D
Acq: 22 Nov 2021 14:54

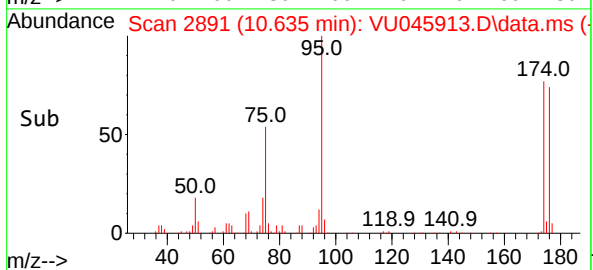
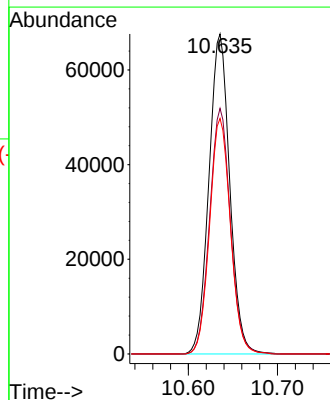
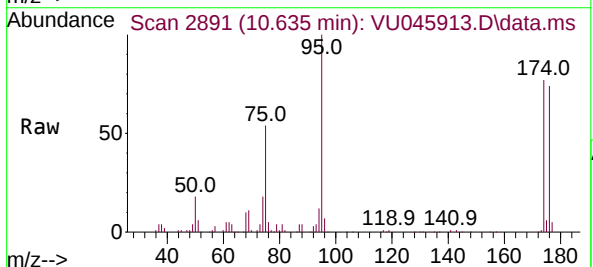
Instrument :
MSVOA_U
ClientSampleId :

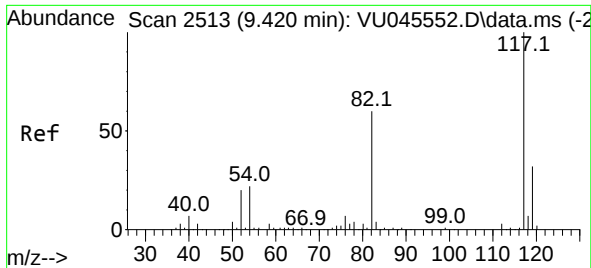
Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
58 34.8 29.5 88.6



#62
4-Bromofluorobenzene
Concen: 51.629 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045913.D
Acq: 22 Nov 2021 14:54

Tgt Ion: 95 Resp: 109647
Ion Ratio Lower Upper
95 100
174 76.8 0.0 141.8
176 73.7 0.0 138.2

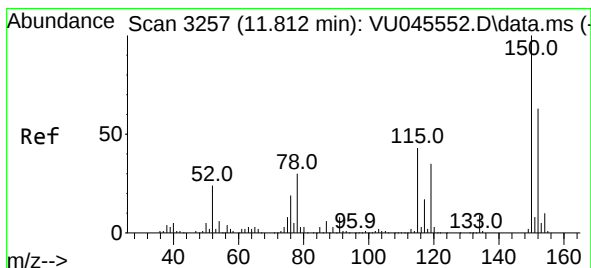
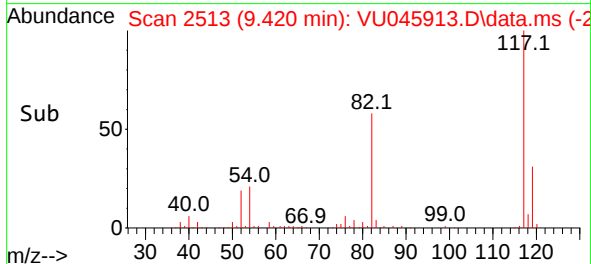
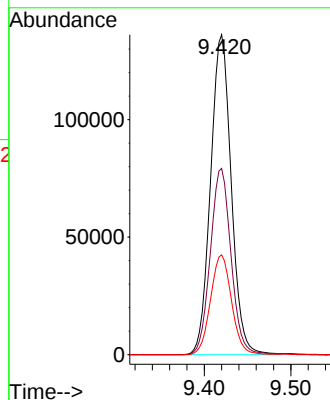
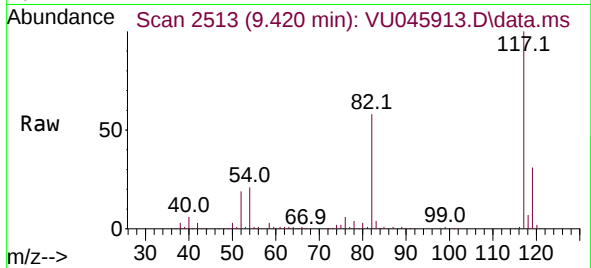




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045913.D
Acq: 22 Nov 2021 14:54

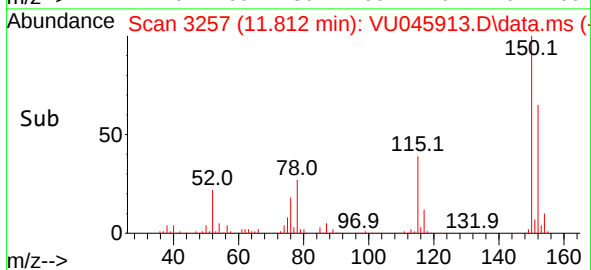
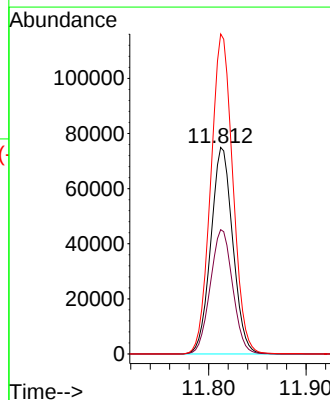
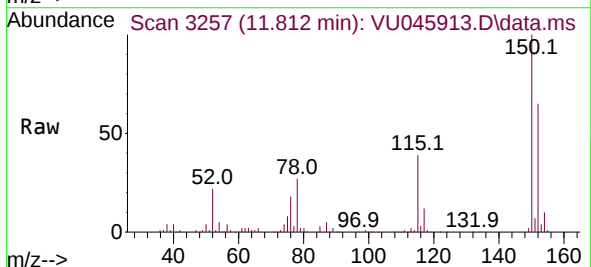
Instrument :
MSVOA_U
ClientSampleId :

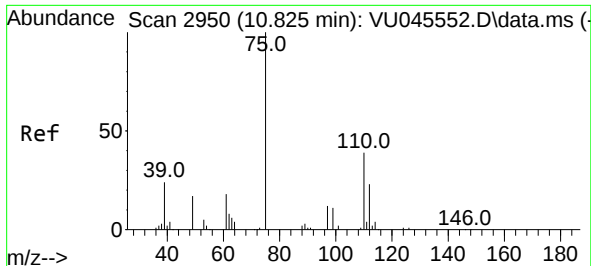
Tgt Ion:117 Resp: 225531
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.8
119 31.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU045913.D
Acq: 22 Nov 2021 14:54

Tgt Ion:152 Resp: 117417
Ion Ratio Lower Upper
152 100
115 61.2 42.7 128.1
150 155.9 0.0 346.8

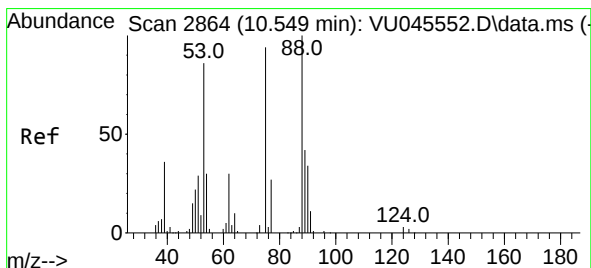
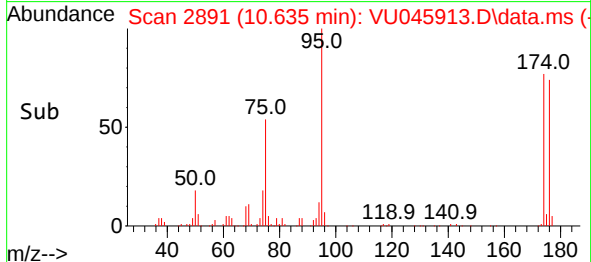
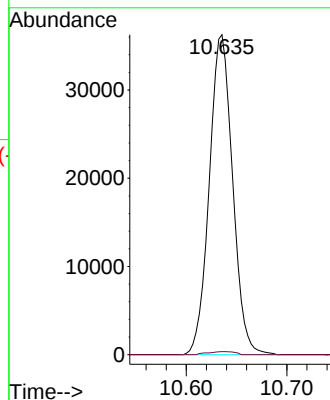
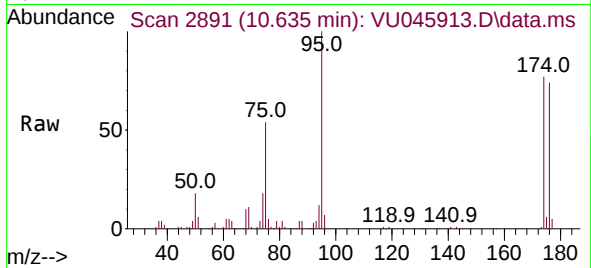




#76
1,2,3-Trichloropropane
Concen: 16.425 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045913.D
Acq: 22 Nov 2021 14:54

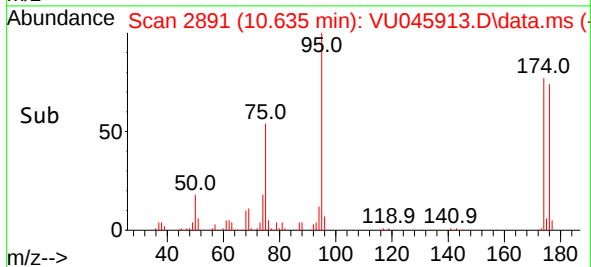
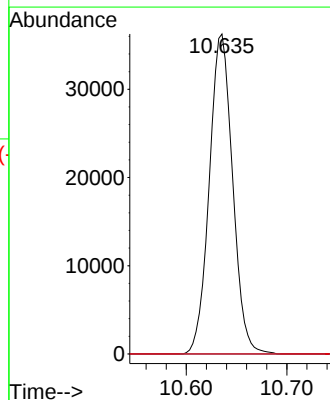
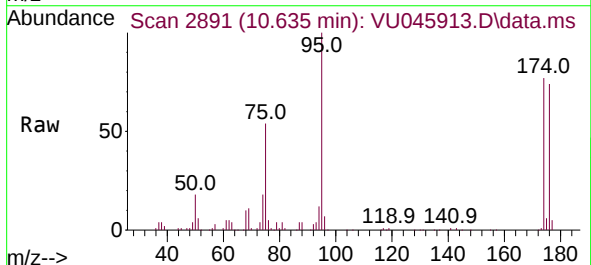
Instrument :
MSVOA_U
ClientSampleId :

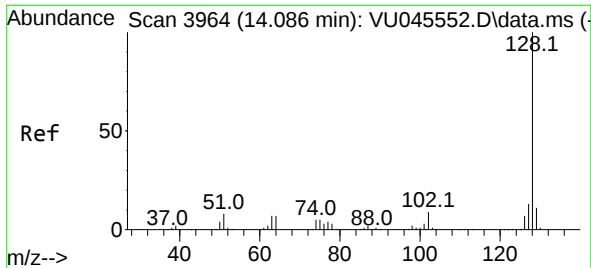
Tgt Ion: 75 Resp: 58485
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.579 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.086 min
Lab File: VU045913.D
Acq: 22 Nov 2021 14:54

Tgt Ion: 75 Resp: 58485
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.089 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

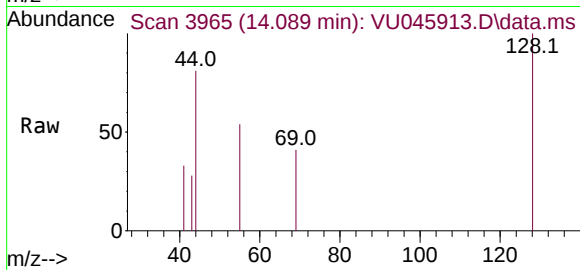
Lab File: VU045913.D

Acq: 22 Nov 2021 14:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 582

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

