

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045912.D
 Acq On : 22 Nov 2021 14:31
 Operator : SY/MD
 Sample : M4737-08 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 05:14:51 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)

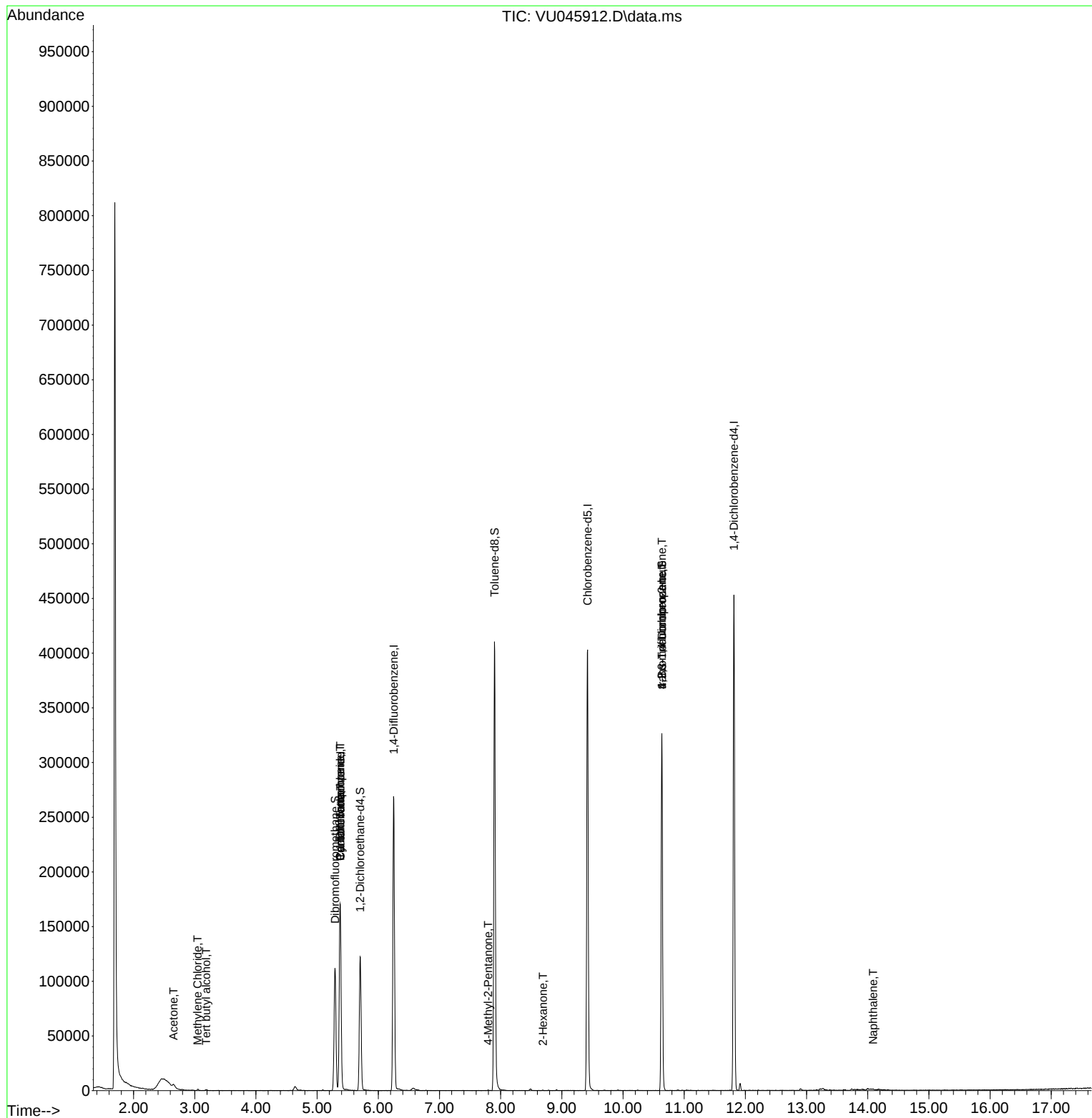
Internal Standards						
1) Pentafluorobenzene	5.379	168	118380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	215430	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	227779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	116280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	92560	52.209	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.420%	
35) Dibromofluoromethane	5.292	113	71895	49.986	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.980%	
50) Toluene-d8	7.899	98	281635	52.658	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.320%	
62) 4-Bromofluorobenzene	10.636	95	110262	51.412	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.186	59	452	1.288	ug/l #	72
16) Acetone	2.652	43	6171	6.838	ug/l #	88
20) Methylene Chloride	3.044	84	546	0.348	ug/l #	81
31) Cyclohexane	5.379	56	2539	0.982	ug/l #	2
36) 1,1-Dichloropropene	5.375	75	10089	4.803	ug/l #	49
38) Carbon Tetrachloride	5.379	117	12298	5.807	ug/l #	15
51) 4-Methyl-2-Pentanone	7.796	43	559	0.230	ug/l #	81
59) 2-Hexanone	8.694	43	313	7.678	ug/l	82
76) 1,2,3-Trichloropropane	10.636	75	57815	16.395	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	57815	53.488	ug/l #	12
95) Naphthalene	14.089	128	923	1.125	ug/l #	72

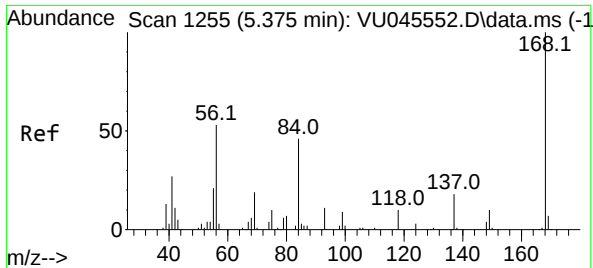
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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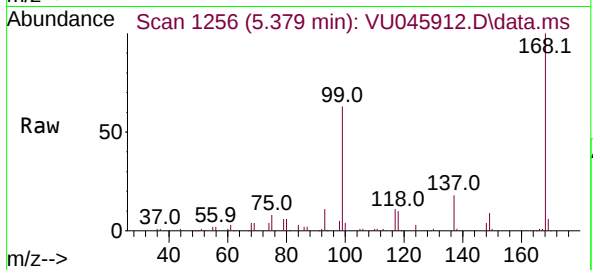
Quant Time: Nov 23 05:14:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
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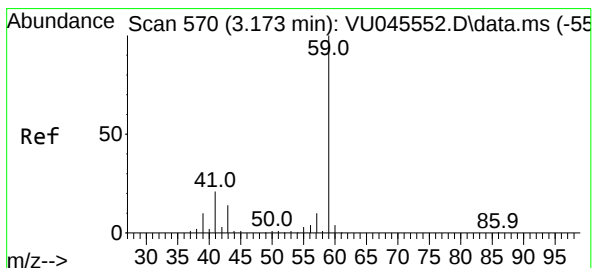
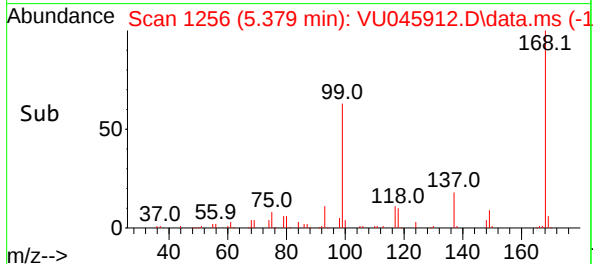
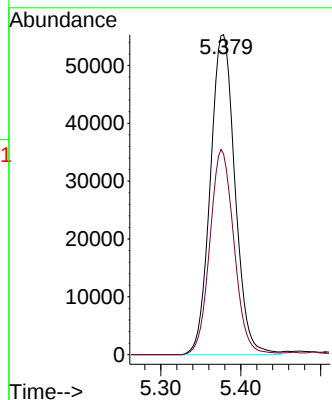


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045912.D
Acq: 22 Nov 2021 14:31

Instrument :
MSVOA_U
ClientSampleId :

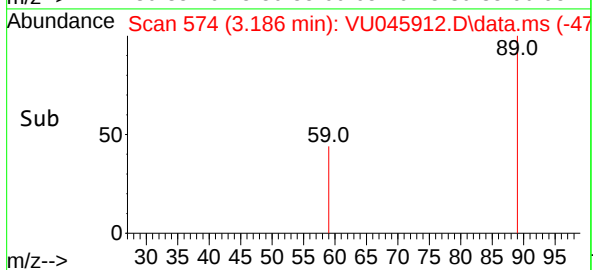
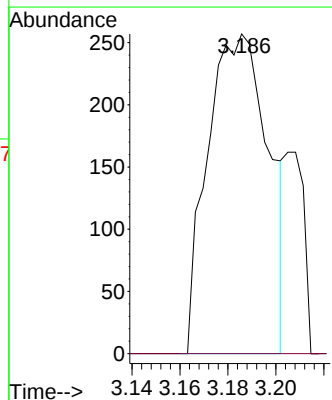
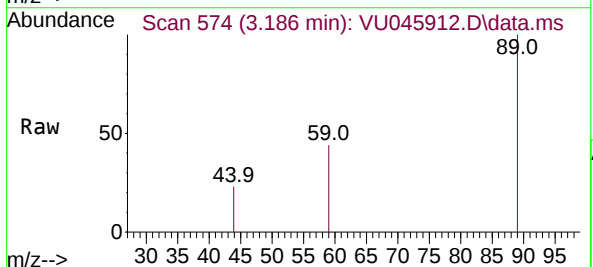


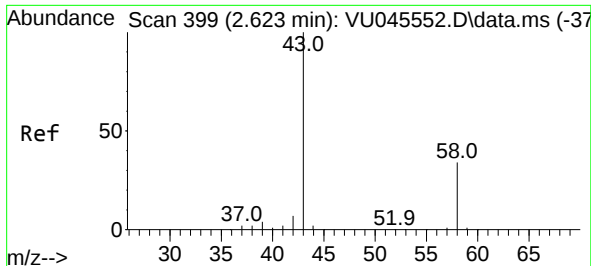
Tgt Ion:168 Resp: 118380
Ion Ratio Lower Upper
168 100
99 62.8 51.0 76.6



#11
Tert butyl alcohol
Concen: 1.288 ug/l
RT: 3.186 min Scan# 574
Delta R.T. 0.013 min
Lab File: VU045912.D
Acq: 22 Nov 2021 14:31

Tgt Ion: 59 Resp: 452
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

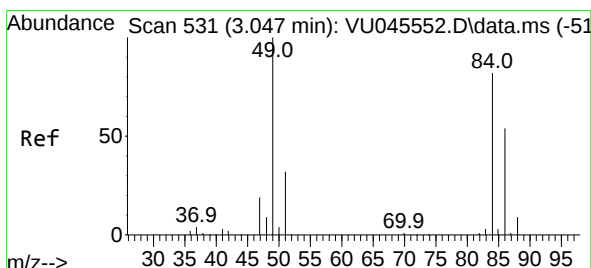
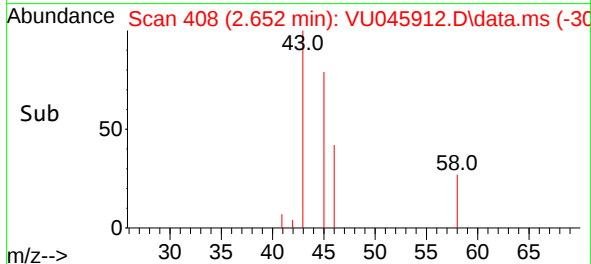
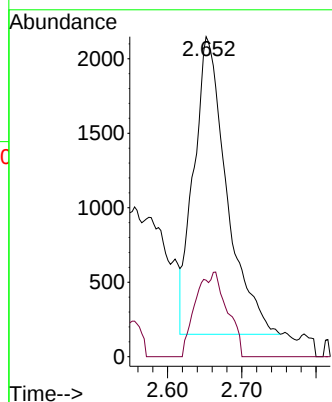
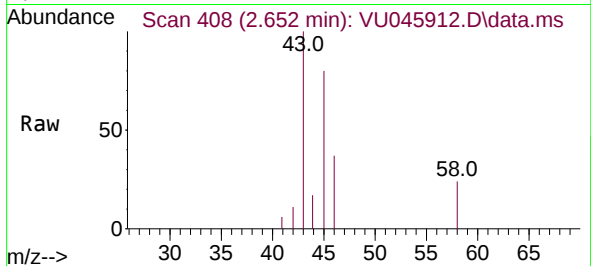




#16
Acetone
Concen: 6.838 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.029 min
Lab File: VU045912.D
Acq: 22 Nov 2021 14:31

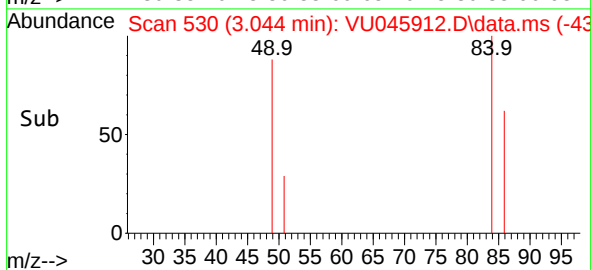
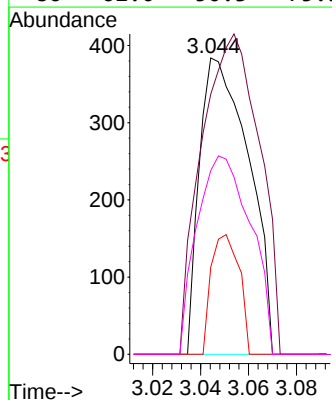
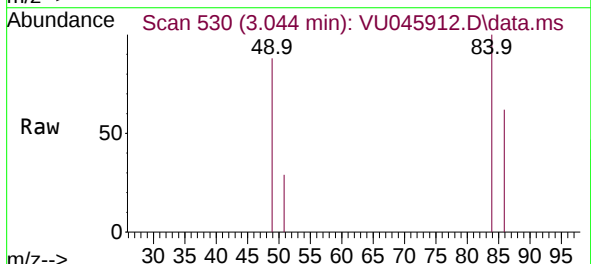
Instrument :
MSVOA_U
ClientSampleId :

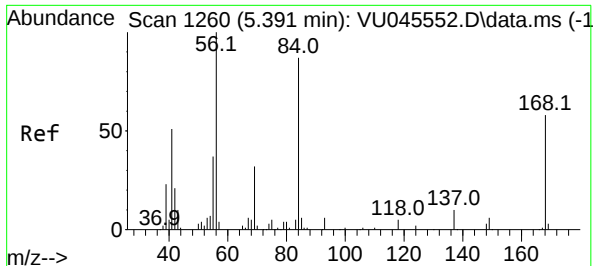
Tgt Ion: 43 Resp: 6171
Ion Ratio Lower Upper
43 100
58 25.7 26.2 39.2#



#20
Methylene Chloride
Concen: 0.348 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU045912.D
Acq: 22 Nov 2021 14:31

Tgt Ion: 84 Resp: 546
Ion Ratio Lower Upper
84 100
49 87.8 96.4 144.6#
51 29.4 30.5 45.7#
86 62.0 50.3 75.5





#31

Cyclohexane

Concen: 0.982 ug/l

RT: 5.379 min Scan# 1

Delta R.T. -0.013 min

Lab File: VU045912.D

Acq: 22 Nov 2021 14:31

Instrument :

MSVOA_U

ClientSampleId :

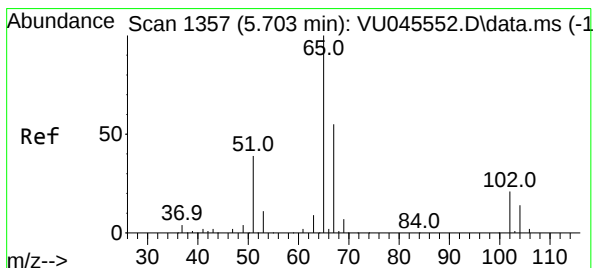
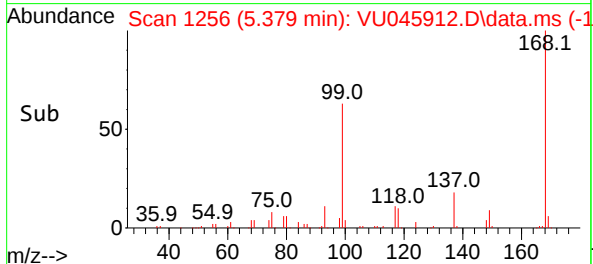
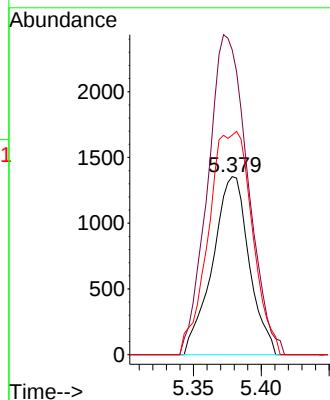
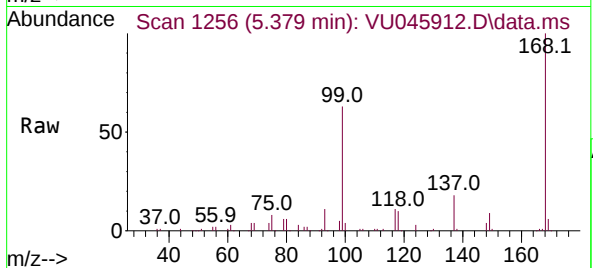
Tgt Ion: 56 Resp: 2539

Ion Ratio Lower Upper

56 100

69 171.1 26.4 39.6#

84 123.2 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 52.209 ug/l

RT: 5.703 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VU045912.D

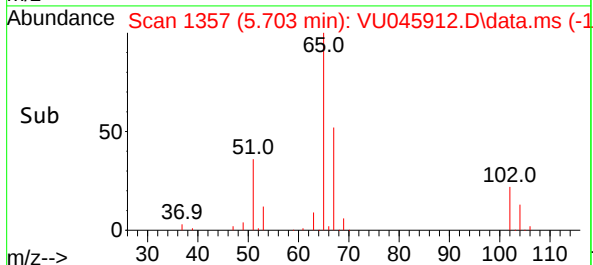
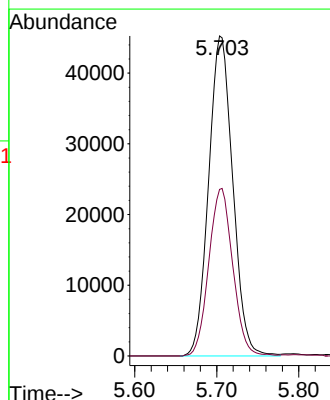
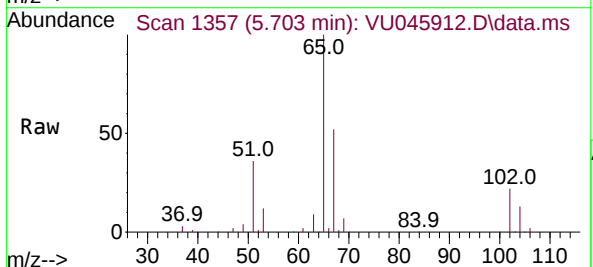
Acq: 22 Nov 2021 14:31

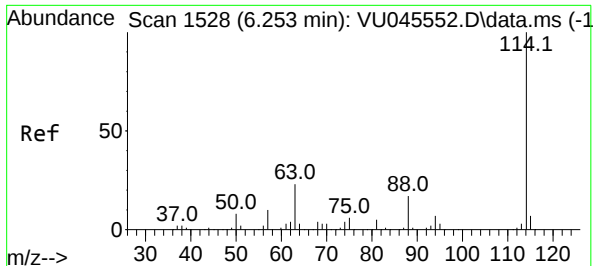
Tgt Ion: 65 Resp: 92560

Ion Ratio Lower Upper

65 100

67 51.9 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: VU045912.D

Acq: 22 Nov 2021 14:31

Instrument :

MSVOA_U

ClientSampleId :

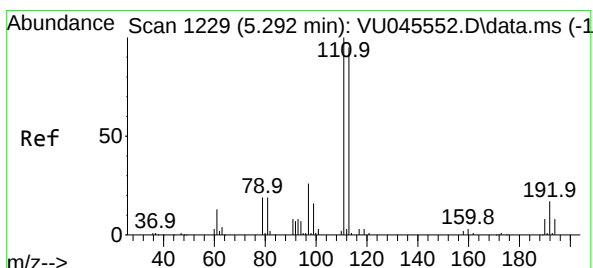
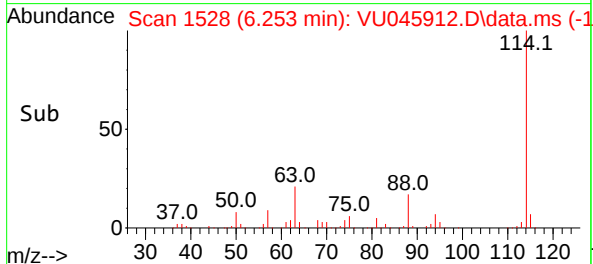
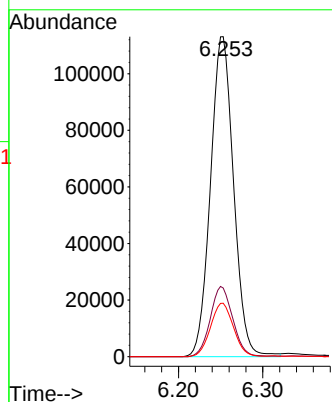
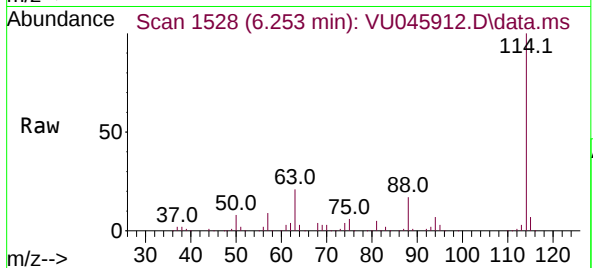
Tgt Ion:114 Resp: 215430

Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.6

88 16.7 0.0 33.8



#35

Dibromofluoromethane

Concen: 49.986 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045912.D

Acq: 22 Nov 2021 14:31

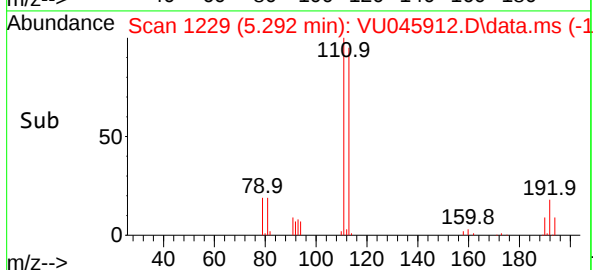
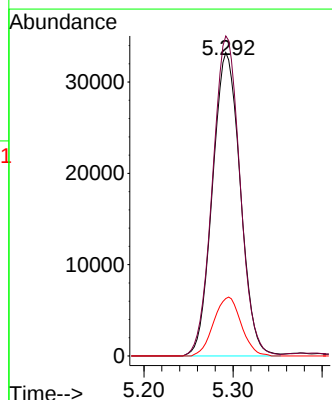
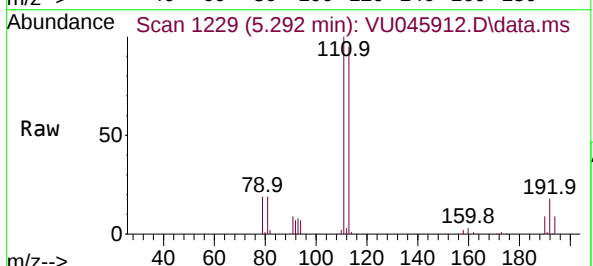
Tgt Ion:113 Resp: 71895

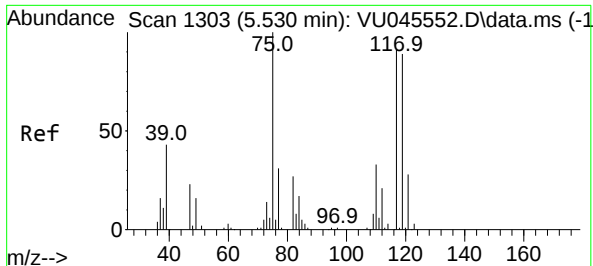
Ion Ratio Lower Upper

113 100

111 104.3 82.8 124.2

192 19.2 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.803 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.154 min

Lab File: VU045912.D

Acq: 22 Nov 2021 14:31

Instrument :

MSVOA_U

ClientSampleId :

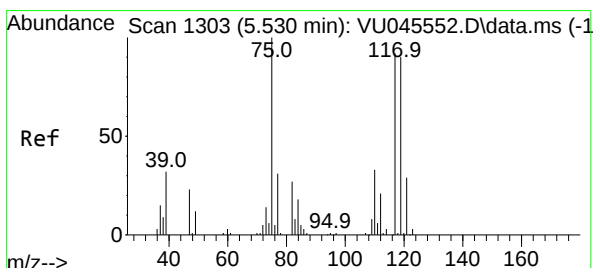
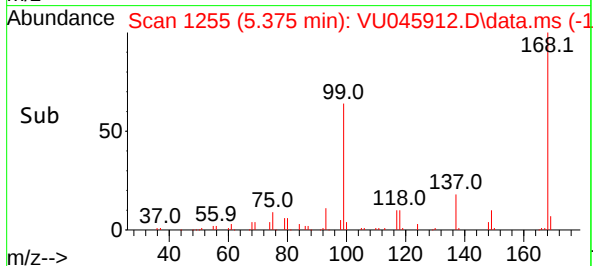
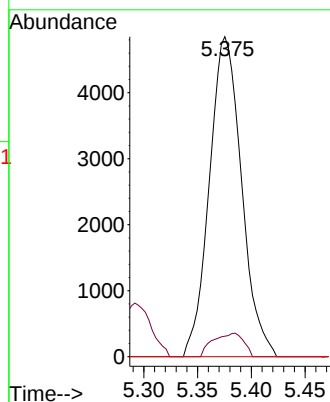
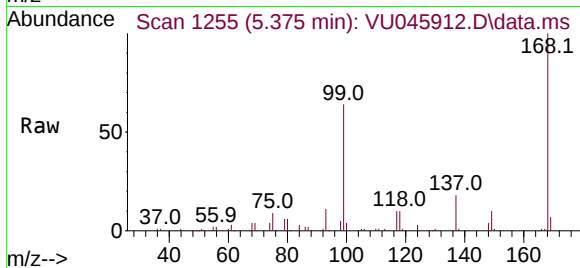
Tgt Ion: 75 Resp: 10089

Ion Ratio Lower Upper

75 100

110 7.0 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.807 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.151 min

Lab File: VU045912.D

Acq: 22 Nov 2021 14:31

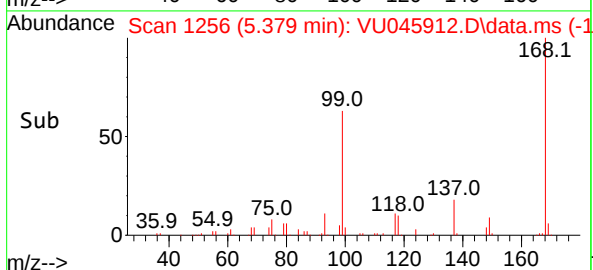
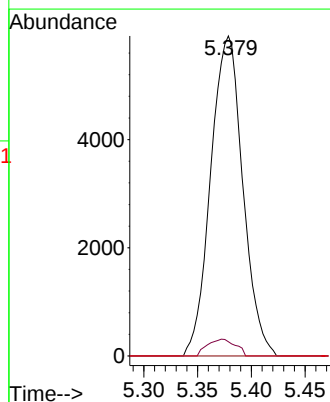
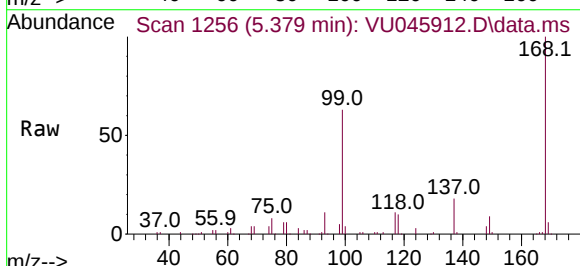
Tgt Ion: 117 Resp: 12298

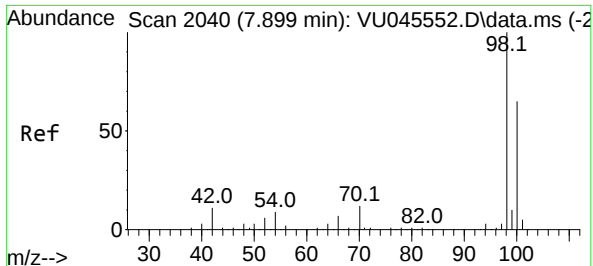
Ion Ratio Lower Upper

117 100

119 4.5 77.4 116.0#

121 0.0 24.8 37.2#

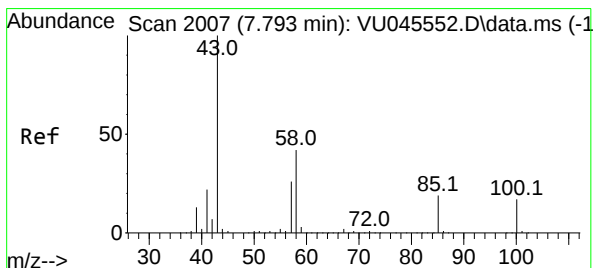
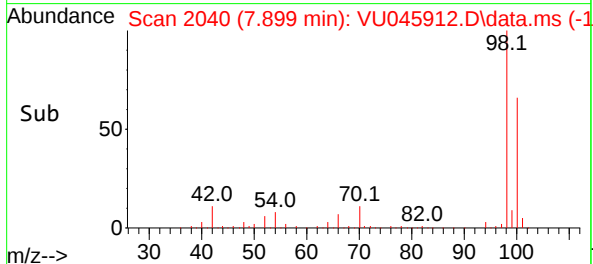
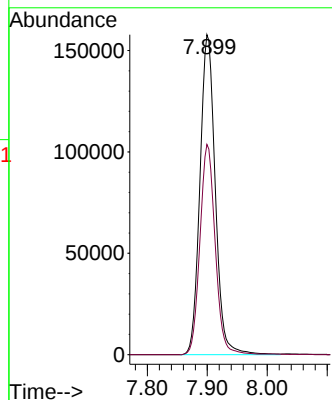
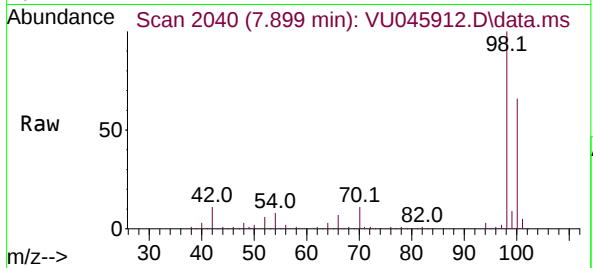




#50
Toluene-d8
Concen: 52.658 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045912.D
Acq: 22 Nov 2021 14:31

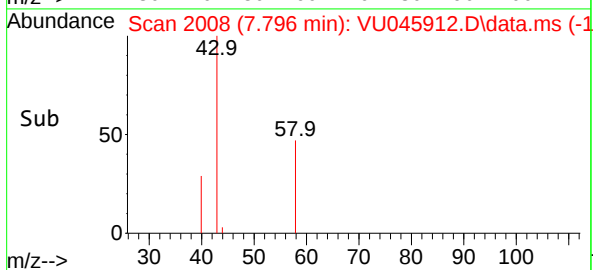
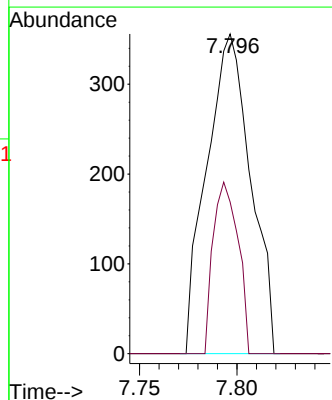
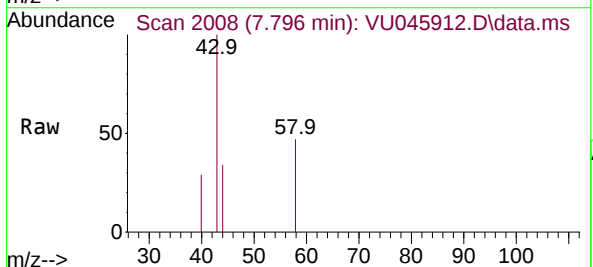
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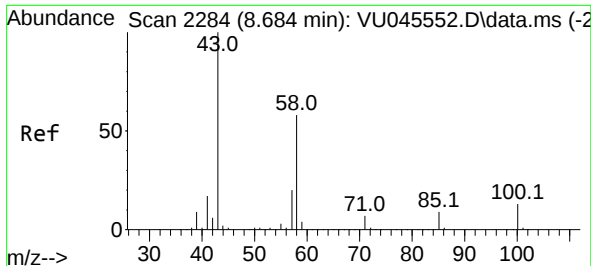
Tgt Ion: 98 Resp: 281635
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.230 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. 0.003 min
Lab File: VU045912.D
Acq: 22 Nov 2021 14:31

Tgt Ion: 43 Resp: 559
Ion Ratio Lower Upper
43 100
58 30.2 33.8 50.8#





#59

2-Hexanone

Concen: 7.678 ug/l

RT: 8.694 min Scan# 21

Delta R.T. 0.010 min

Lab File: VU045912.D

Acq: 22 Nov 2021 14:31

Instrument :

MSVOA_U

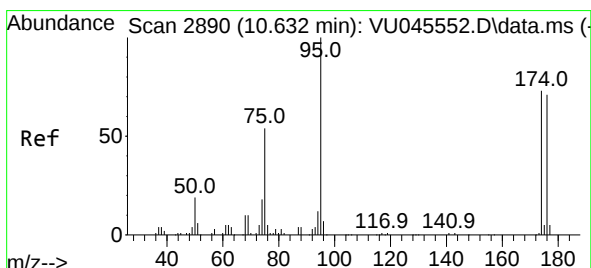
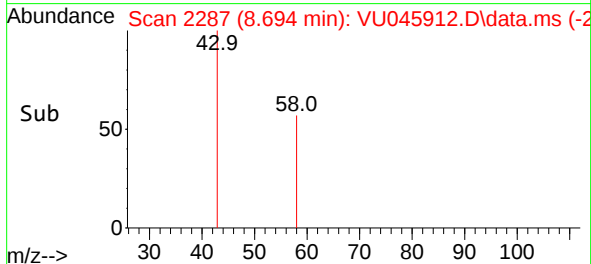
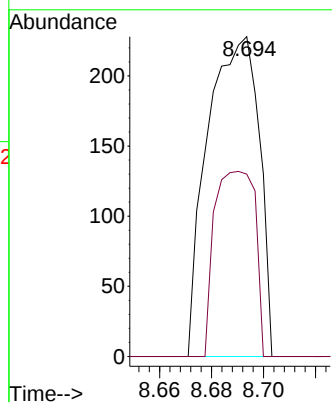
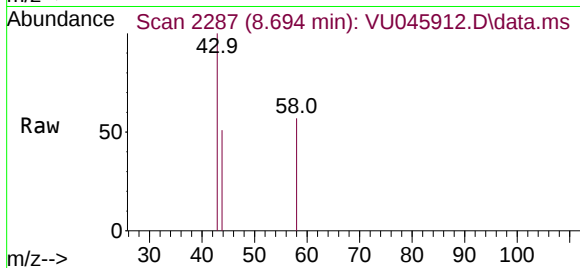
ClientSampleId :

Tgt Ion: 43 Resp: 313

Ion Ratio Lower Upper

43 100

58 45.7 29.5 88.6



#62

4-Bromofluorobenzene

Concen: 51.412 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045912.D

Acq: 22 Nov 2021 14:31

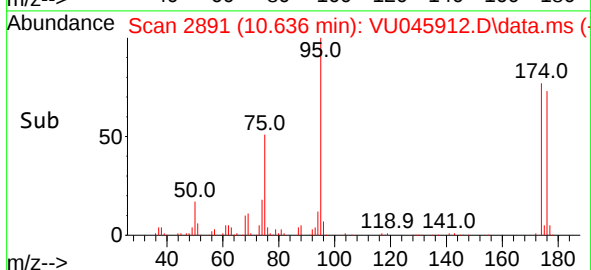
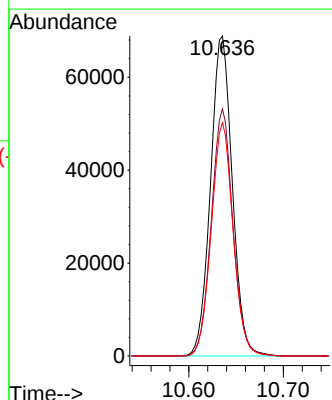
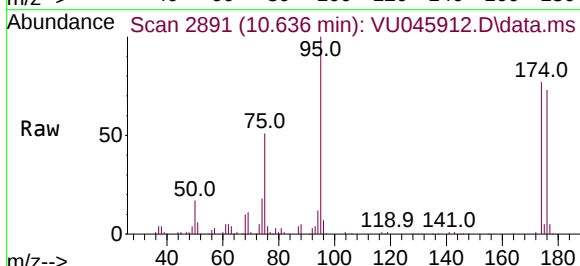
Tgt Ion: 95 Resp: 110262

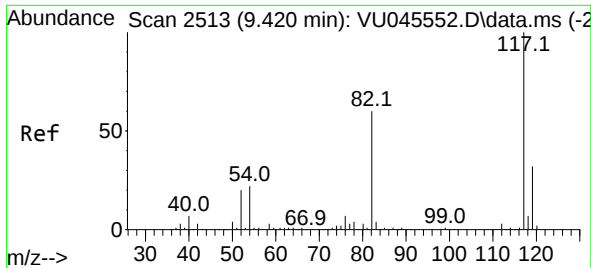
Ion Ratio Lower Upper

95 100

174 76.6 0.0 141.8

176 72.9 0.0 138.2

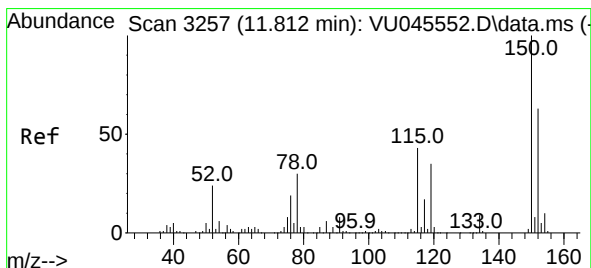
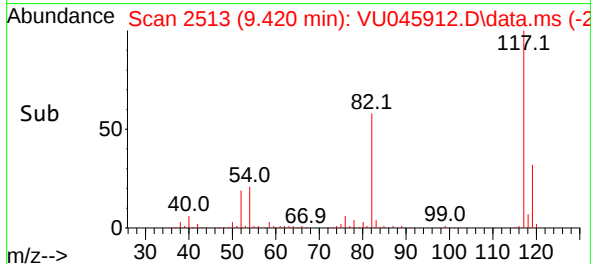
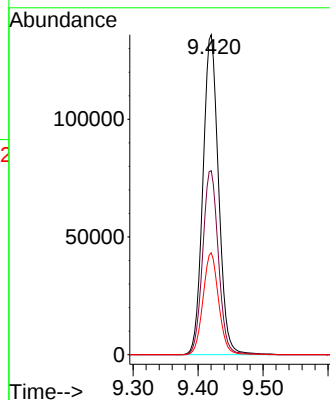
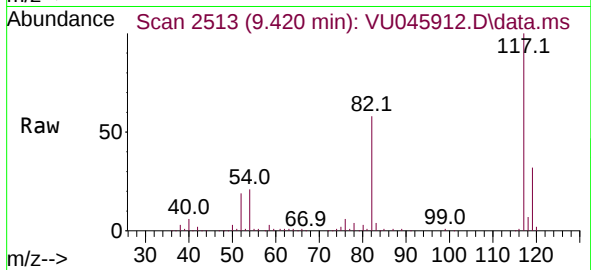




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045912.D
Acq: 22 Nov 2021 14:31

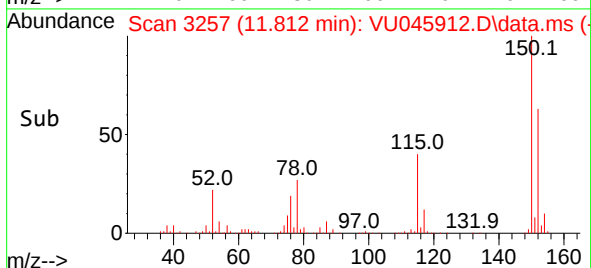
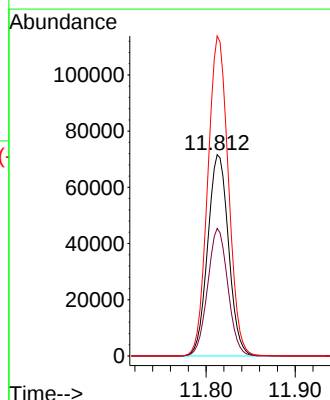
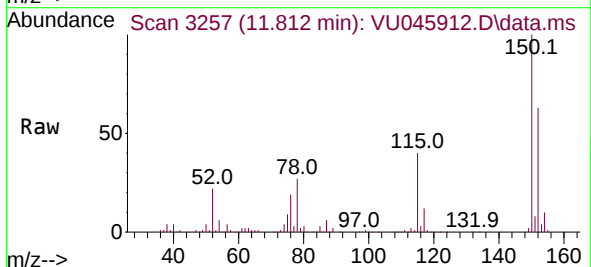
Instrument :
MSVOA_U
ClientSampleId :

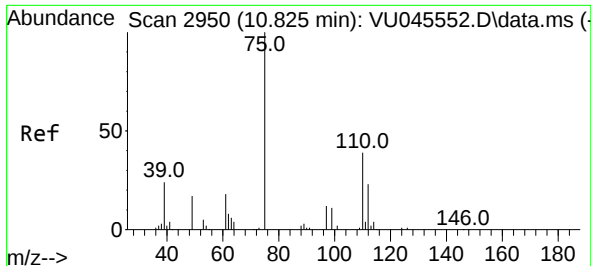
Tgt Ion:117 Resp: 227779
Ion Ratio Lower Upper
117 100
82 57.5 47.8 71.8
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045912.D
Acq: 22 Nov 2021 14:31

Tgt Ion:152 Resp: 116280
Ion Ratio Lower Upper
152 100
115 61.5 42.7 128.1
150 157.0 0.0 346.8

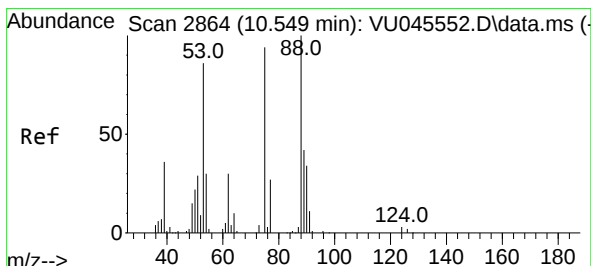
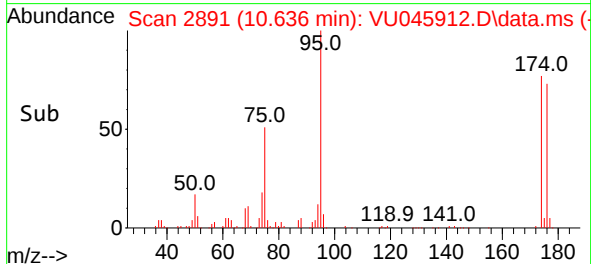
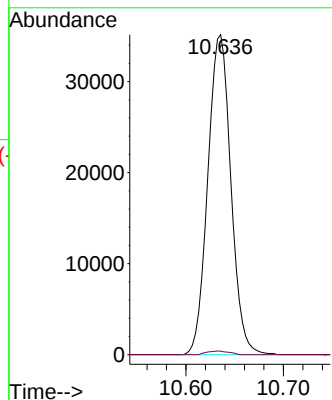
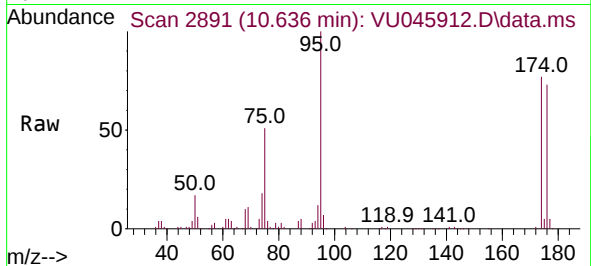




#76
1,2,3-Trichloropropane
Concen: 16.395 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045912.D
Acq: 22 Nov 2021 14:31

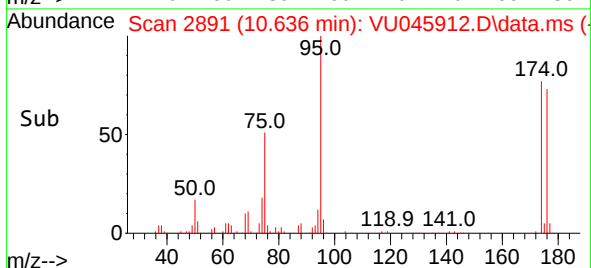
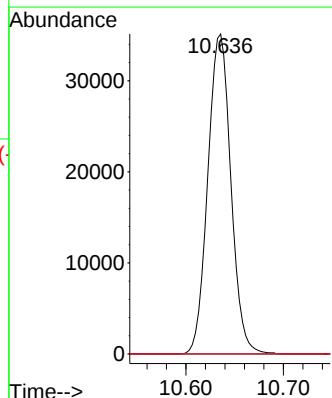
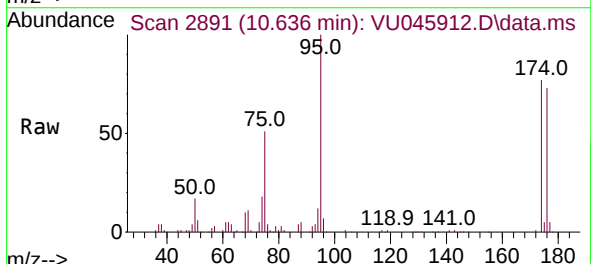
Instrument :
MSVOA_U
ClientSampleId :

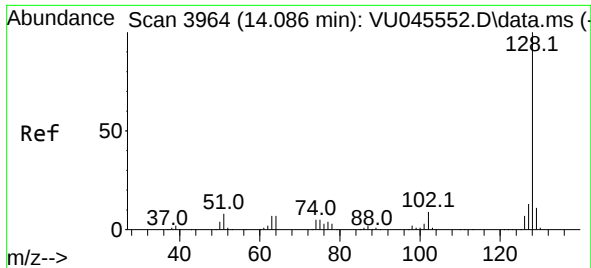
Tgt Ion: 75 Resp: 57815
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 53.488 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045912.D
Acq: 22 Nov 2021 14:31

Tgt Ion: 75 Resp: 57815
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.125 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

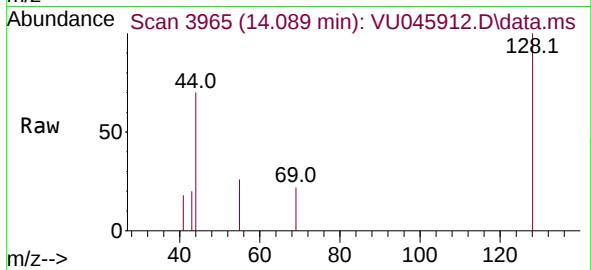
Lab File: VU045912.D

Acq: 22 Nov 2021 14:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 923

Ion Ratio Lower Upper

128 100

127 2.3 10.6 15.8#

129 0.0 8.6 13.0#

