

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045911.D
 Acq On : 22 Nov 2021 14:09
 Operator : SY/MD
 Sample : M4759-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 05:14:36 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)

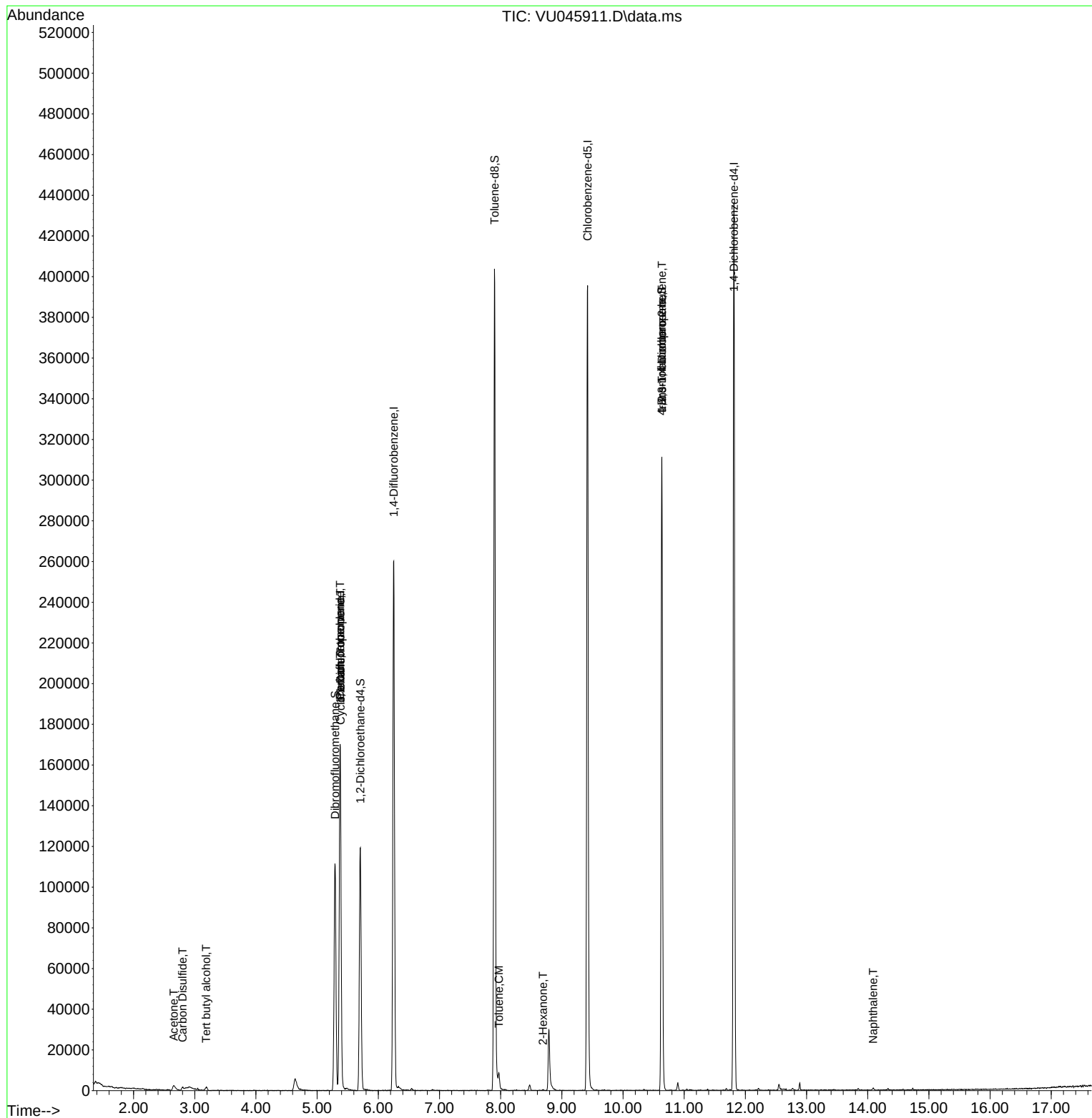
Internal Standards						
1) Pentafluorobenzene	5.375	168	115479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	209683	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	224141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	111625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	90500	52.329	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.660%	
35) Dibromofluoromethane	5.292	113	71775	51.270	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.540%	
50) Toluene-d8	7.899	98	275558	52.934	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.860%	
62) 4-Bromofluorobenzene	10.632	95	108016	51.745	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.186	59	1110	3.243	ug/l #	72
16) Acetone	2.658	43	5541	6.294	ug/l	100
17) Carbon Disulfide	2.800	76	2103	0.591	ug/l #	75
31) Cyclohexane	5.382	56	2464	0.976	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	10258	5.017	ug/l #	50
38) Carbon Tetrachloride	5.375	117	12483	6.056	ug/l #	16
52) Toluene	7.970	92	3128	0.844	ug/l	91
59) 2-Hexanone	8.690	43	326	7.688	ug/l	73
76) 1,2,3-Trichloropropane	10.636	75	56395	16.660	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	56395	54.302	ug/l #	12
95) Naphthalene	14.089	128	1348	1.175	ug/l #	81

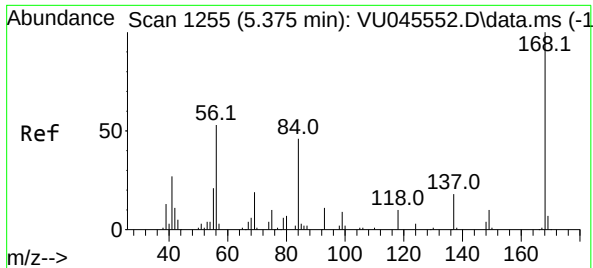
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

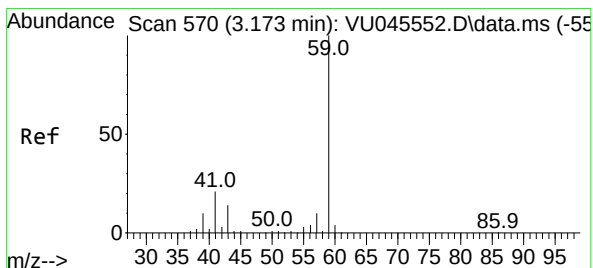
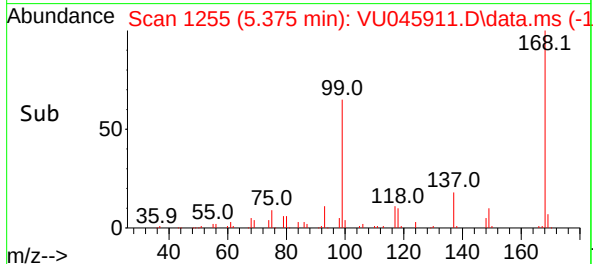
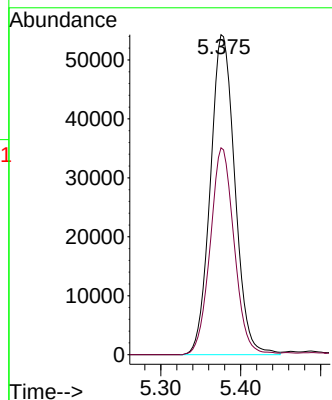
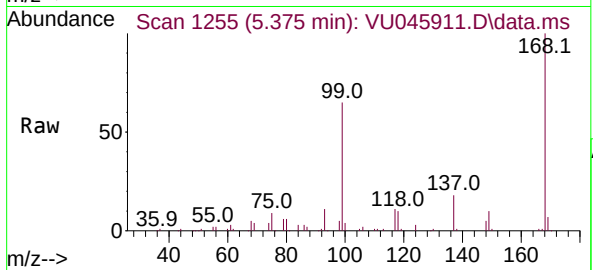




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045911.D
Acq: 22 Nov 2021 14:09

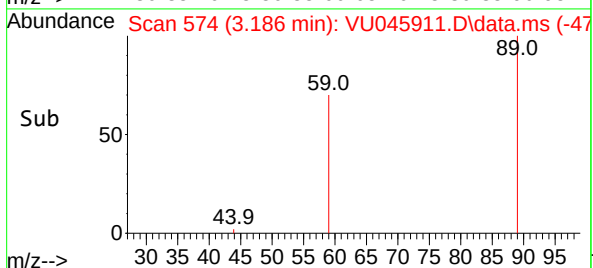
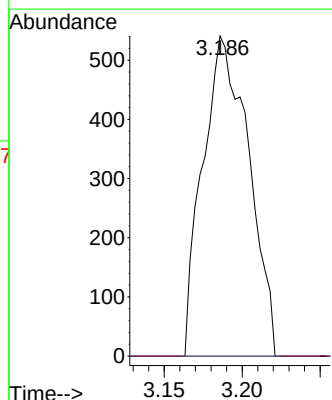
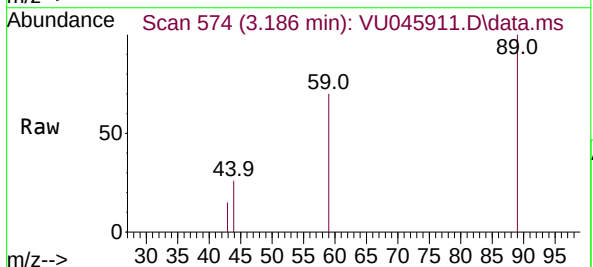
Instrument :
MSVOA_U
ClientSampleId :

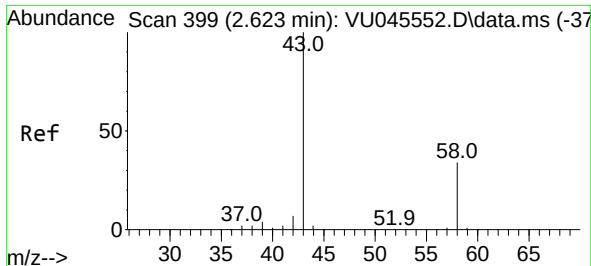
Tgt Ion:168 Resp: 115479
Ion Ratio Lower Upper
168 100
99 64.6 51.0 76.6



#11
Tert butyl alcohol
Concen: 3.243 ug/l
RT: 3.186 min Scan# 574
Delta R.T. 0.013 min
Lab File: VU045911.D
Acq: 22 Nov 2021 14:09

Tgt Ion: 59 Resp: 1110
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

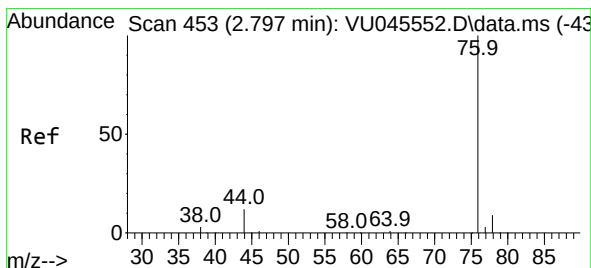
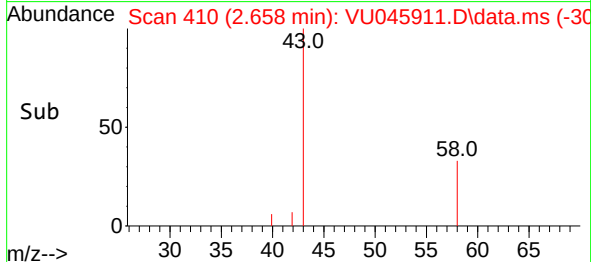
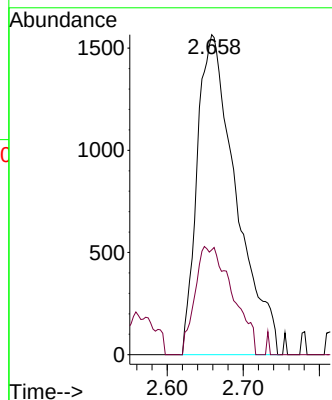
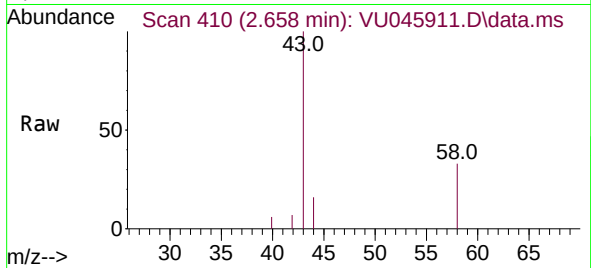




#16
Acetone
Concen: 6.294 ug/l
RT: 2.658 min Scan# 411
Delta R.T. 0.035 min
Lab File: VU045911.D
Acq: 22 Nov 2021 14:09

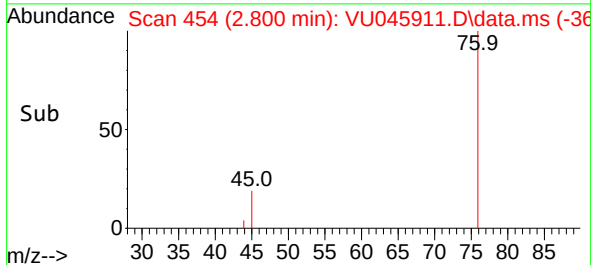
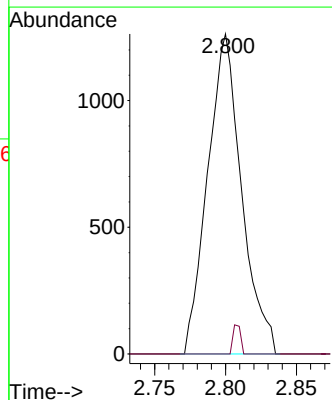
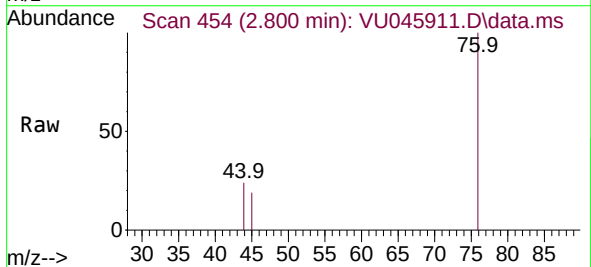
Instrument :
MSVOA_U
ClientSampleId :

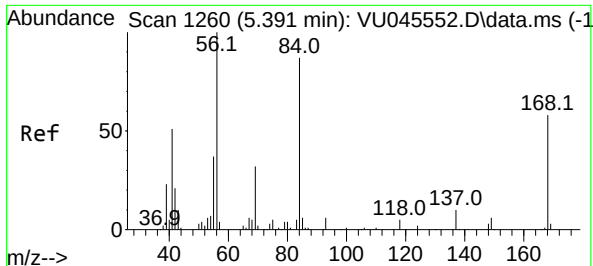
Tgt Ion: 43 Resp: 5541
Ion Ratio Lower Upper
43 100
58 32.8 26.2 39.2



#17
Carbon Disulfide
Concen: 0.591 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU045911.D
Acq: 22 Nov 2021 14:09

Tgt Ion: 76 Resp: 2103
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#





#31

Cyclohexane

Concen: 0.976 ug/l

RT: 5.382 min Scan# 11

Delta R.T. -0.010 min

Lab File: VU045911.D

Acq: 22 Nov 2021 14:09

Instrument :

MSVOA_U

ClientSampleId :

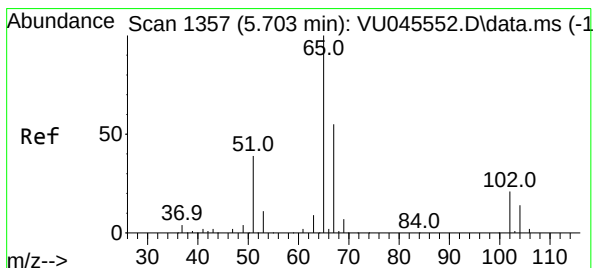
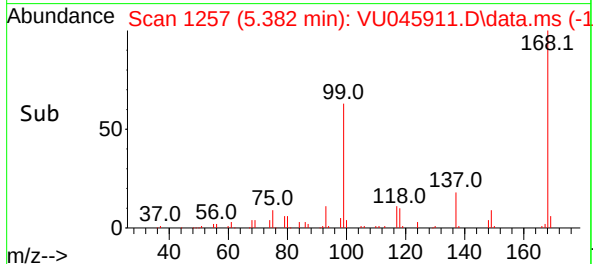
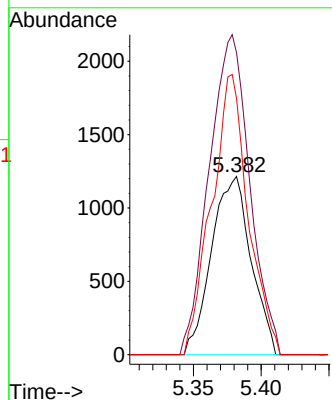
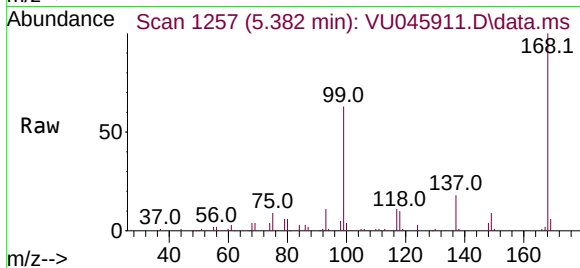
Tgt Ion: 56 Resp: 2464

Ion Ratio Lower Upper

56 100

69 169.5 26.4 39.6#

84 143.8 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 52.329 ug/l

RT: 5.707 min Scan# 1358

Delta R.T. 0.003 min

Lab File: VU045911.D

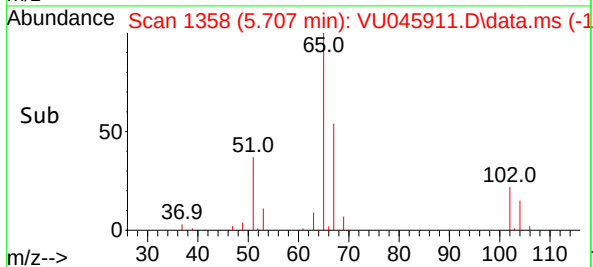
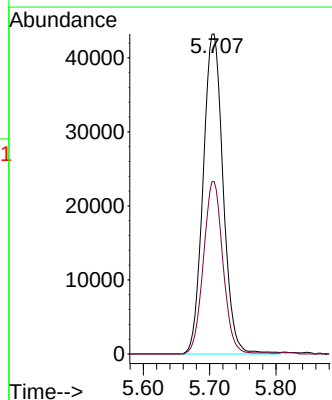
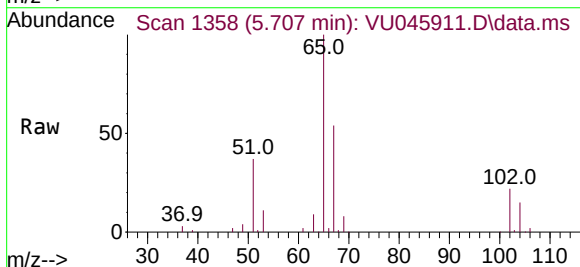
Acq: 22 Nov 2021 14:09

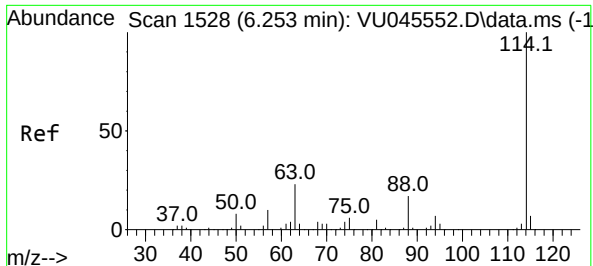
Tgt Ion: 65 Resp: 90500

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045911.D

Acq: 22 Nov 2021 14:09

Instrument :

MSVOA_U

ClientSampleId :

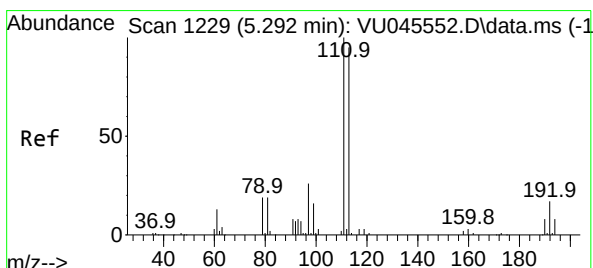
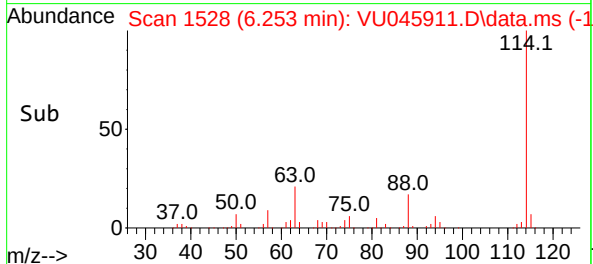
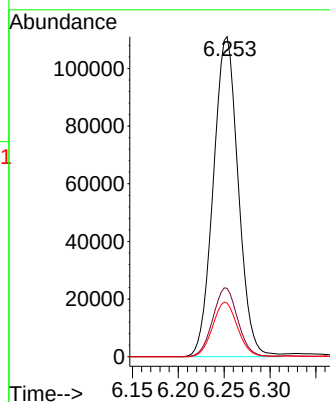
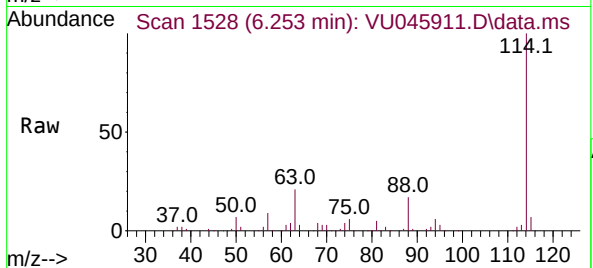
Tgt Ion:114 Resp: 209683

Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.6

88 16.7 0.0 33.8



#35

Dibromofluoromethane

Concen: 51.270 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045911.D

Acq: 22 Nov 2021 14:09

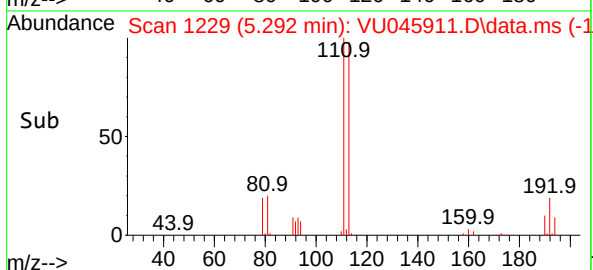
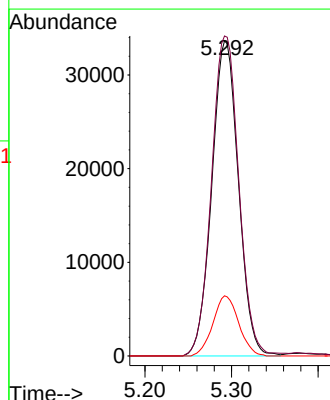
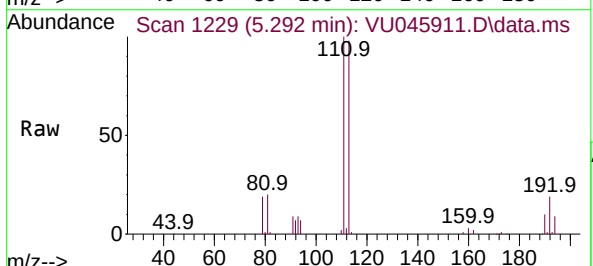
Tgt Ion:113 Resp: 71775

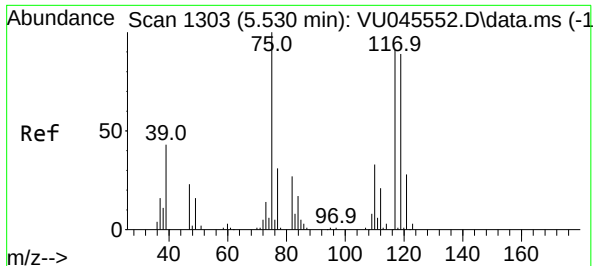
Ion Ratio Lower Upper

113 100

111 104.5 82.8 124.2

192 18.5 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.017 ug/l

RT: 5.379 min Scan# 11

Delta R.T. -0.151 min

Lab File: VU045911.D

Acq: 22 Nov 2021 14:09

Instrument :

MSVOA_U

ClientSampleId :

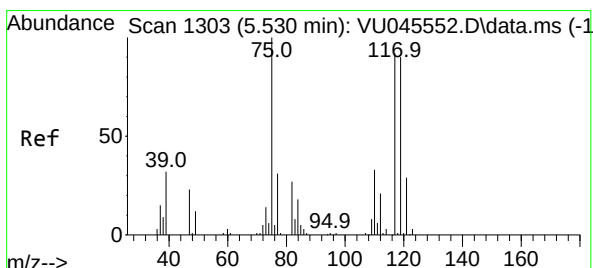
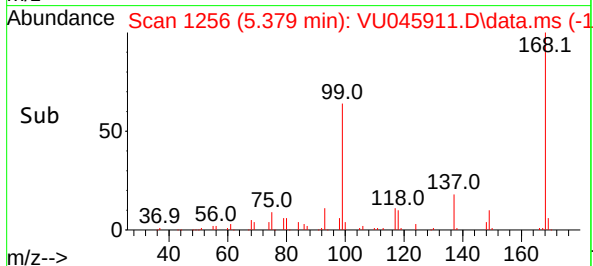
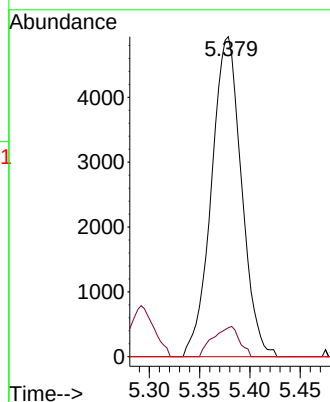
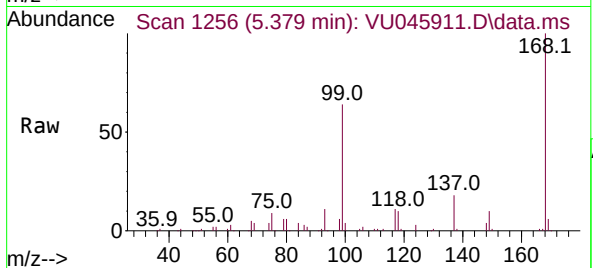
Tgt Ion: 75 Resp: 10258

Ion Ratio Lower Upper

75 100

110 8.2 16.7 50.0#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.056 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045911.D

Acq: 22 Nov 2021 14:09

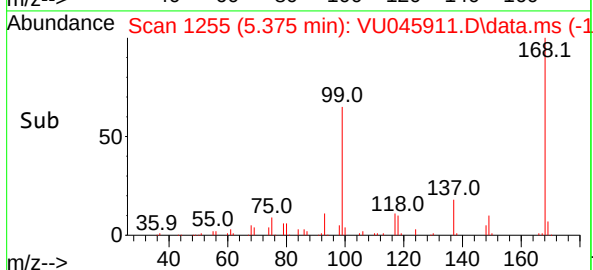
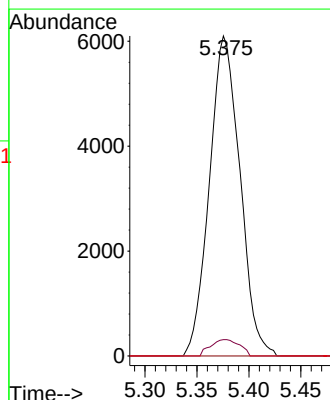
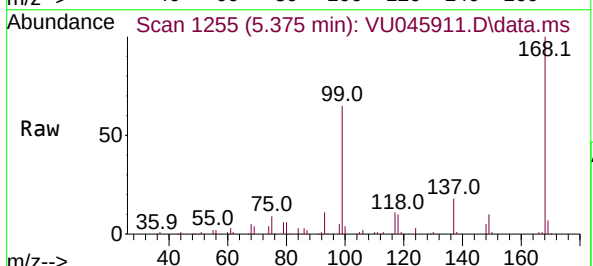
Tgt Ion: 117 Resp: 12483

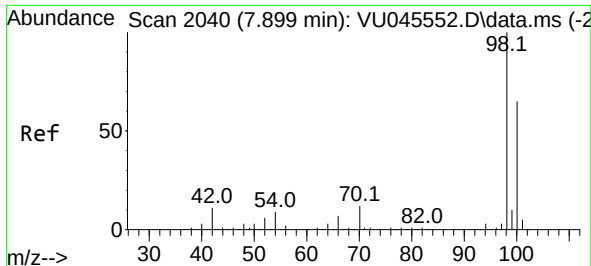
Ion Ratio Lower Upper

117 100

119 5.1 77.4 116.0#

121 0.0 24.8 37.2#

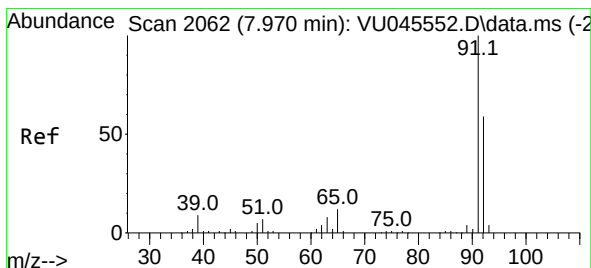
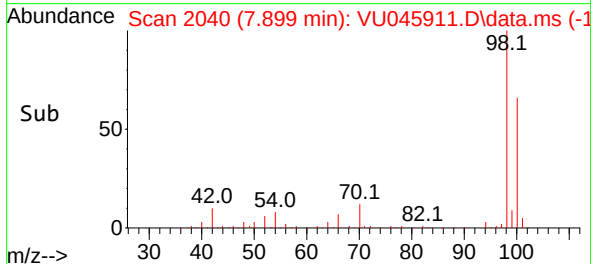
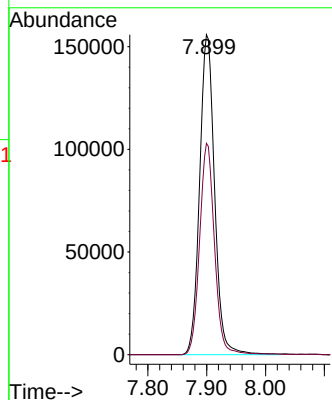
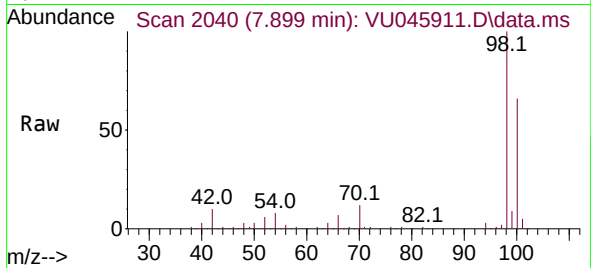




#50
Toluene-d8
Concen: 52.934 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045911.D
Acq: 22 Nov 2021 14:09

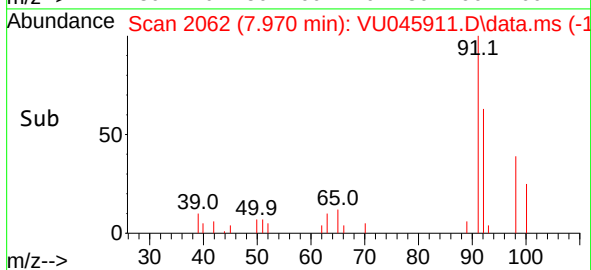
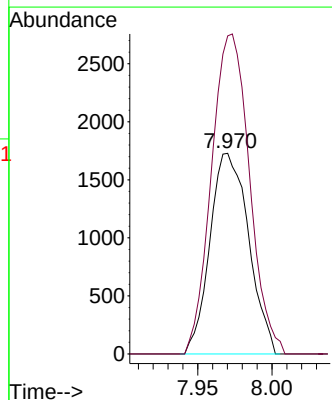
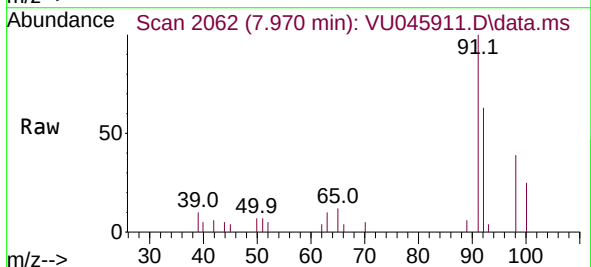
Instrument :
MSVOA_U
ClientSampleId :

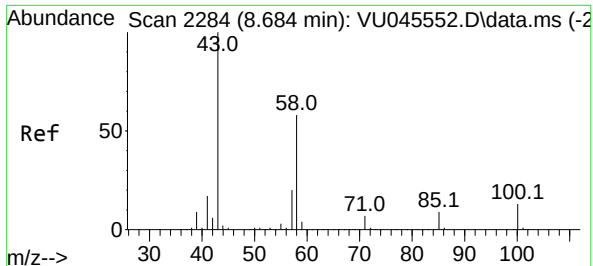
Tgt Ion: 98 Resp: 275558
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#52
Toluene
Concen: 0.844 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU045911.D
Acq: 22 Nov 2021 14:09

Tgt Ion: 92 Resp: 3128
Ion Ratio Lower Upper
92 100
91 156.9 135.6 203.4





#59

2-Hexanone

Concen: 7.688 ug/l

RT: 8.690 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU045911.D

Acq: 22 Nov 2021 14:09

Instrument :

MSVOA_U

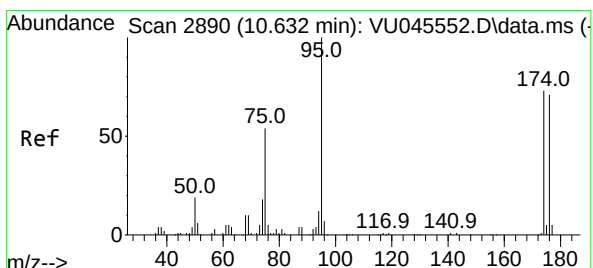
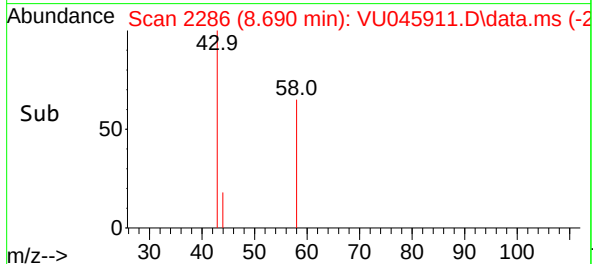
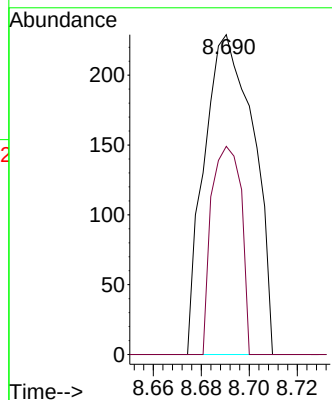
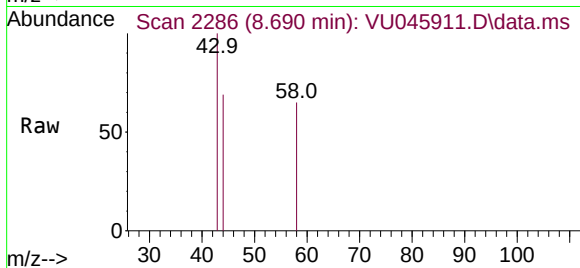
ClientSampleId :

Tgt Ion: 43 Resp: 326

Ion Ratio Lower Upper

43 100

58 39.0 29.5 88.6



#62

4-Bromofluorobenzene

Concen: 51.745 ug/l

RT: 10.632 min Scan# 2890

Delta R.T. 0.000 min

Lab File: VU045911.D

Acq: 22 Nov 2021 14:09

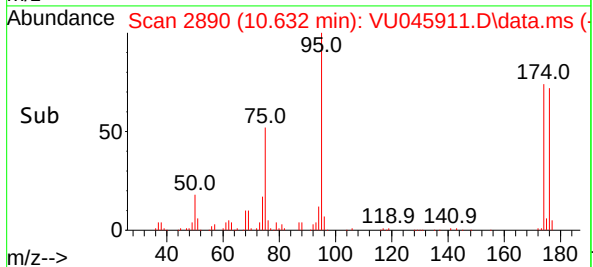
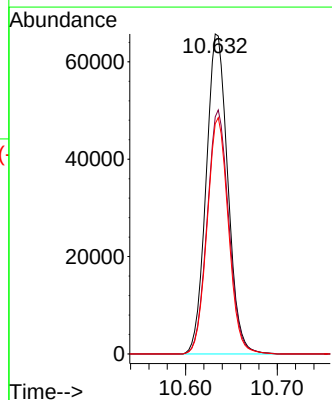
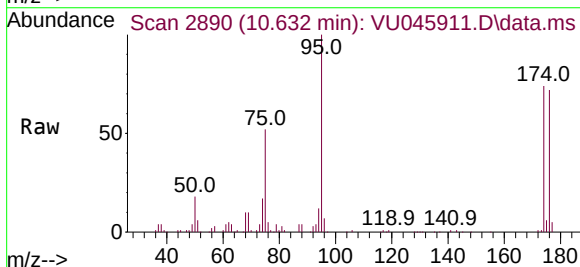
Tgt Ion: 95 Resp: 108016

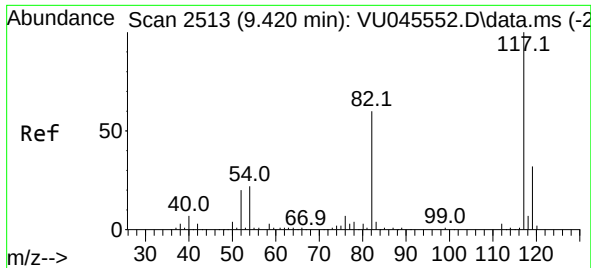
Ion Ratio Lower Upper

95 100

174 76.3 0.0 141.8

176 72.5 0.0 138.2

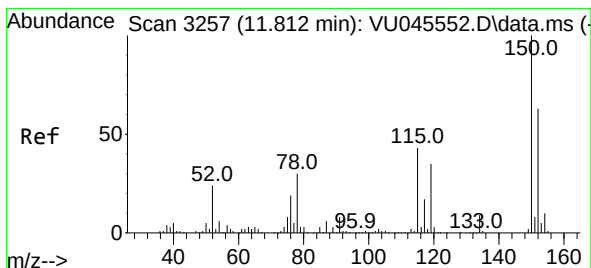
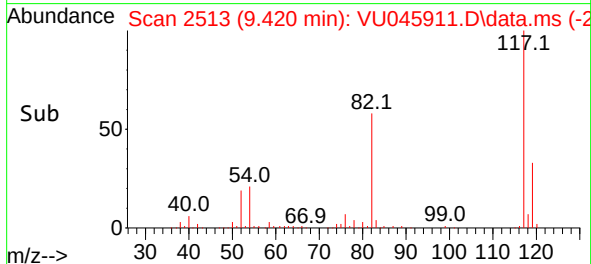
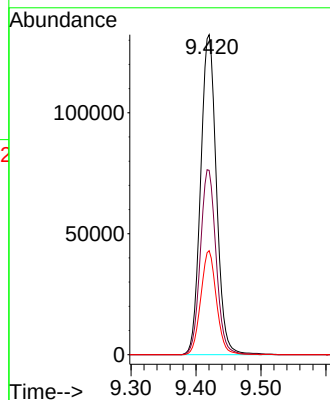
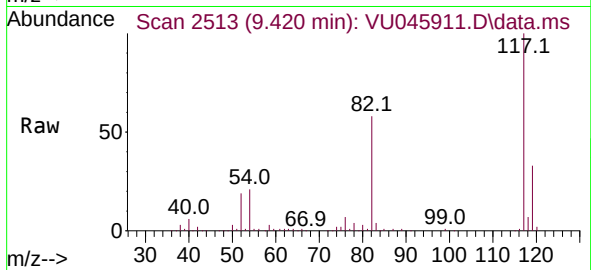




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045911.D
Acq: 22 Nov 2021 14:09

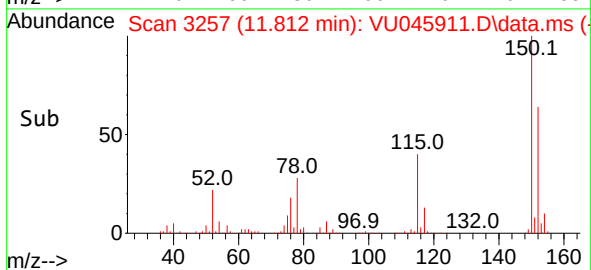
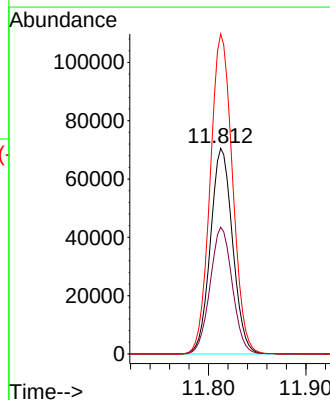
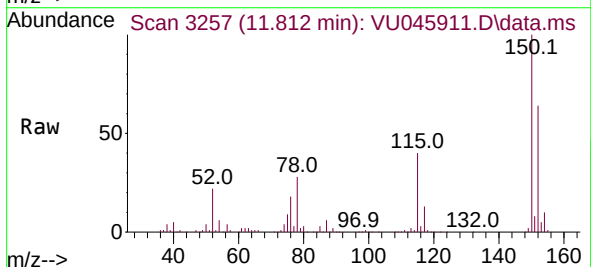
Instrument :
MSVOA_U
ClientSampleId :

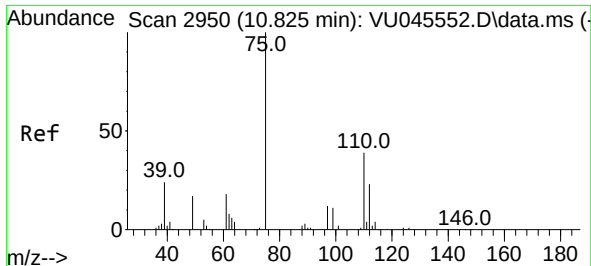
Tgt Ion:117 Resp: 224141
Ion Ratio Lower Upper
117 100
82 57.6 47.8 71.8
119 32.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045911.D
Acq: 22 Nov 2021 14:09

Tgt Ion:152 Resp: 111625
Ion Ratio Lower Upper
152 100
115 61.8 42.7 128.1
150 156.7 0.0 346.8

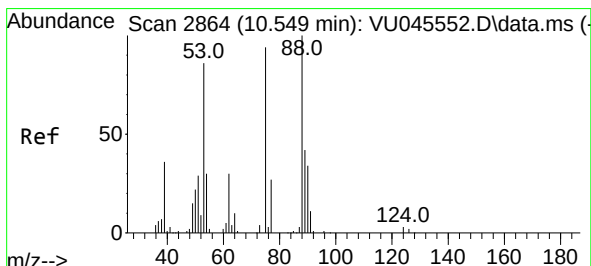
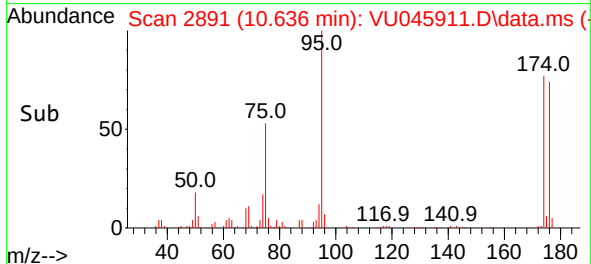
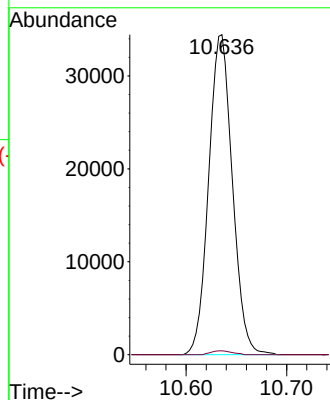
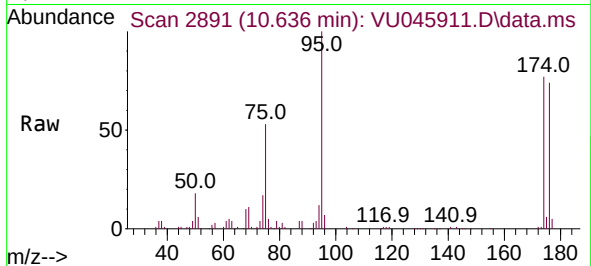




#76
1,2,3-Trichloropropane
Concen: 16.660 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045911.D
Acq: 22 Nov 2021 14:09

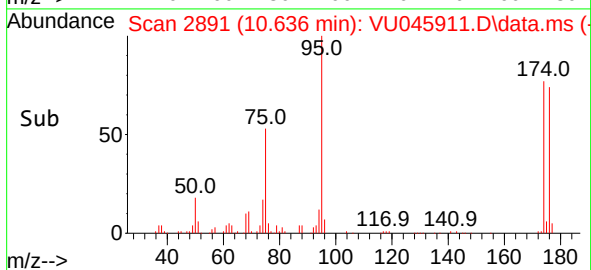
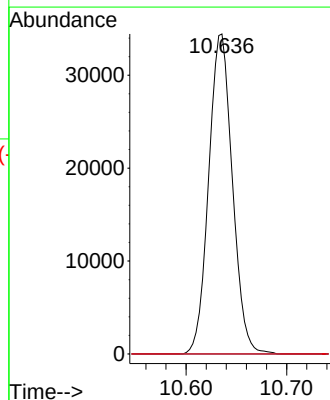
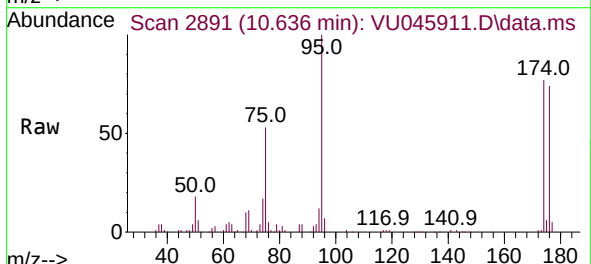
Instrument :
MSVOA_U
ClientSampleId :

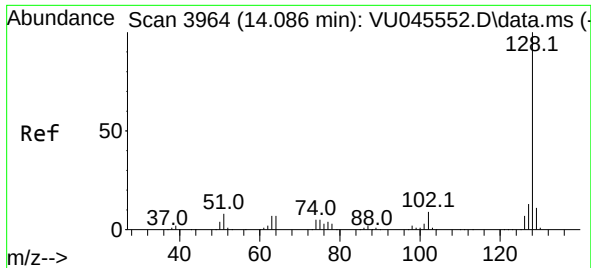
Tgt Ion: 75 Resp: 56395
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.302 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045911.D
Acq: 22 Nov 2021 14:09

Tgt Ion: 75 Resp: 56395
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.175 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

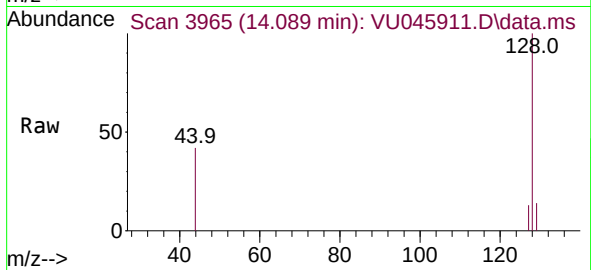
Lab File: VU045911.D

Acq: 22 Nov 2021 14:09

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 1348

Ion Ratio Lower Upper

128 100

127 5.0 10.6 15.8#

129 4.5 8.6 13.0#

