

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045762.D
 Acq On : 12 Nov 2021 12:29
 Operator : SY/MD
 Sample : M4606-20 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 05:18:45 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)

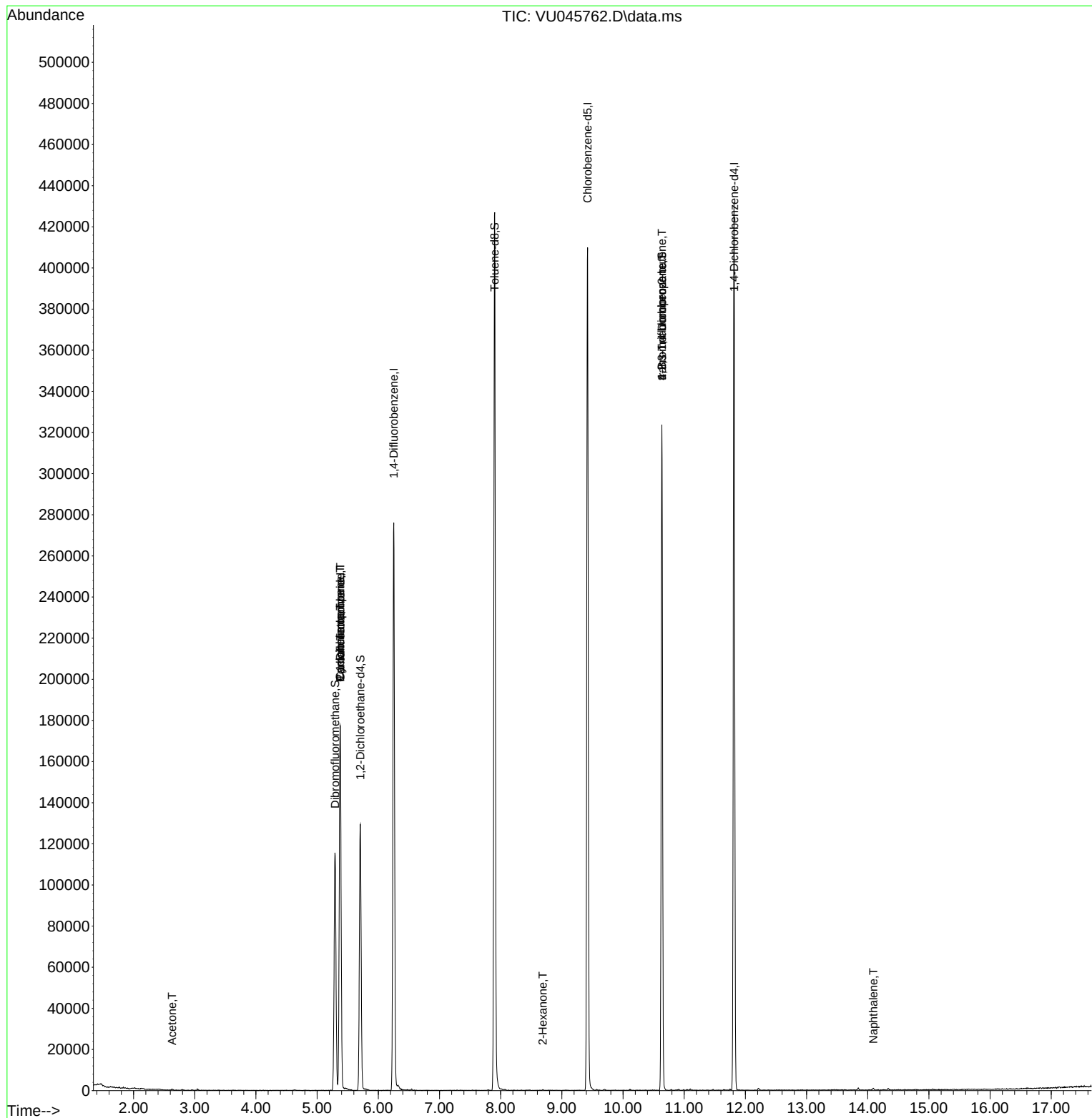
Internal Standards						
1) Pentafluorobenzene	5.379	168	117643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	217931	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	226092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	109198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	95978	54.476	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.960%	
35) Dibromofluoromethane	5.292	113	75074	51.597	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.200%	
50) Toluene-d8	7.903	98	286354	52.926	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.860%	
62) 4-Bromofluorobenzene	10.636	95	108265	49.902	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.800%	
Target Compounds						
					Qvalue	
16) Acetone	2.629	43	604	0.673	ug/l #	42
31) Cyclohexane	5.375	56	2872	1.117	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10435	4.911	ug/l #	50
38) Carbon Tetrachloride	5.379	117	12877	6.011	ug/l #	15
59) 2-Hexanone	8.687	43	234	7.641	ug/l	71
76) 1,2,3-Trichloropropane	10.636	75	56988	17.209	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	56988	55.994	ug/l #	12
95) Naphthalene	14.092	128	1052	1.145	ug/l #	74

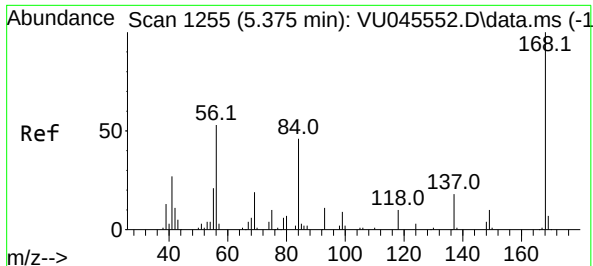
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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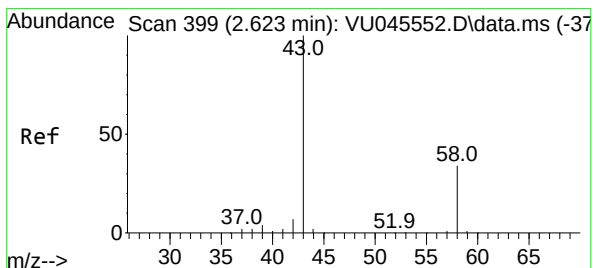
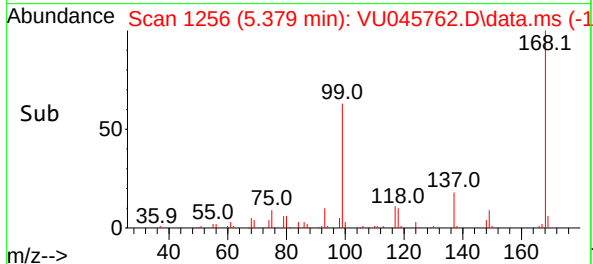
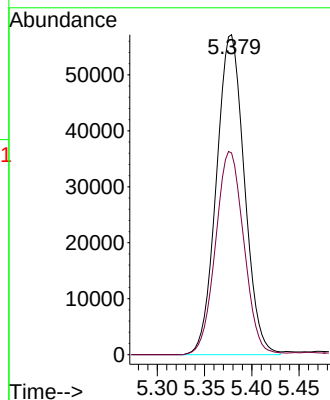
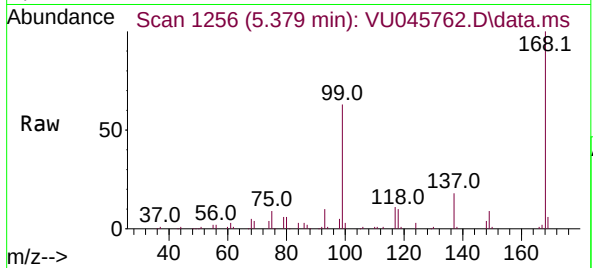




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045762.D
Acq: 12 Nov 2021 12:29

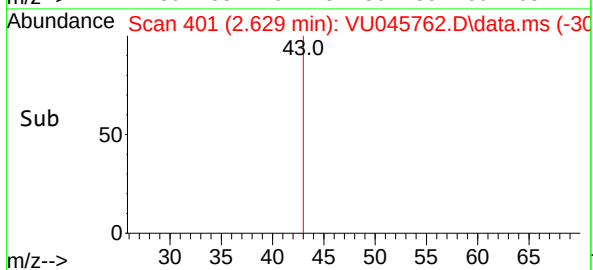
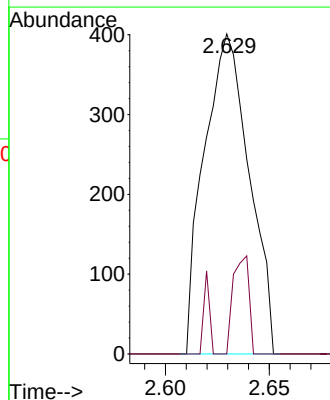
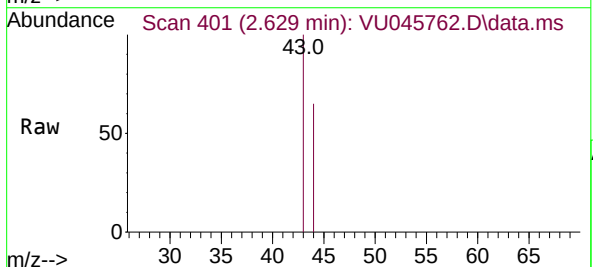
Instrument :
MSVOA_U
ClientSampleId :

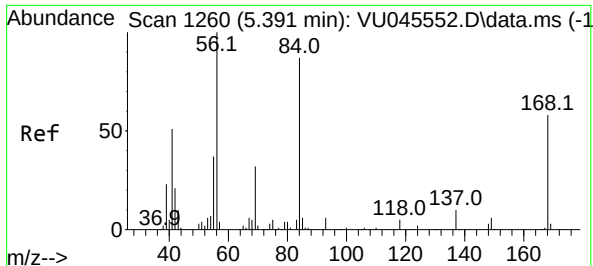
Tgt Ion:168 Resp: 117643
Ion Ratio Lower Upper
168 100
99 63.1 51.0 76.6



#16
Acetone
Concen: 0.673 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU045762.D
Acq: 12 Nov 2021 12:29

Tgt Ion: 43 Resp: 604
Ion Ratio Lower Upper
43 100
58 0.0 26.2 39.2#





#31

Cyclohexane

Concen: 1.117 ug/l

RT: 5.375 min Scan# 11

Delta R.T. -0.016 min

Lab File: VU045762.D

Acq: 12 Nov 2021 12:29

Instrument :

MSVOA_U

ClientSampleId :

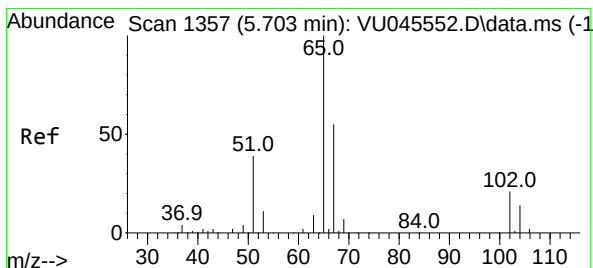
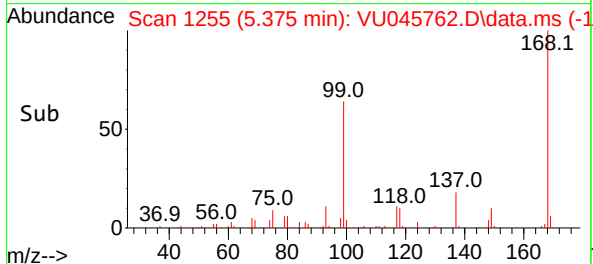
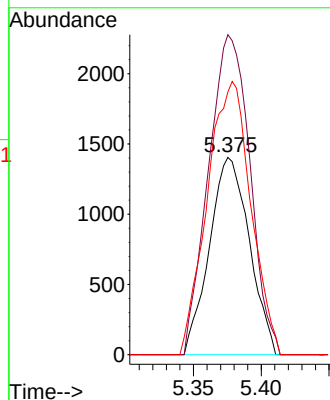
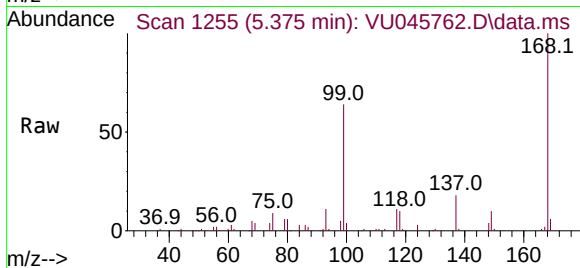
Tgt Ion: 56 Resp: 2872

Ion Ratio Lower Upper

56 100

69 162.1 26.4 39.6#

84 133.1 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: 54.476 ug/l

RT: 5.707 min Scan# 1358

Delta R.T. 0.003 min

Lab File: VU045762.D

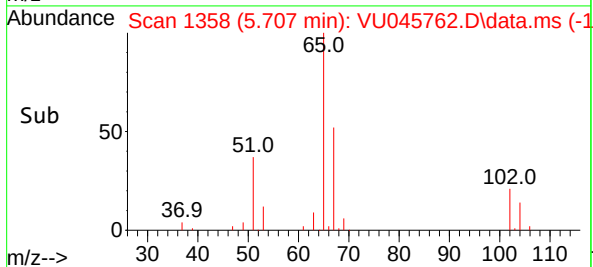
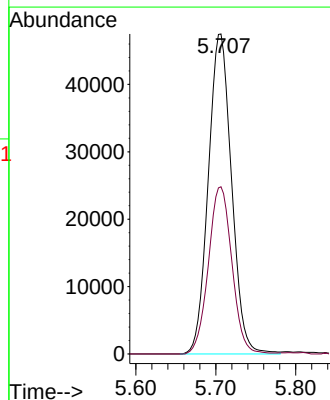
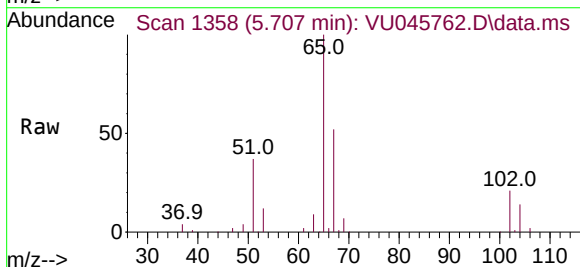
Acq: 12 Nov 2021 12:29

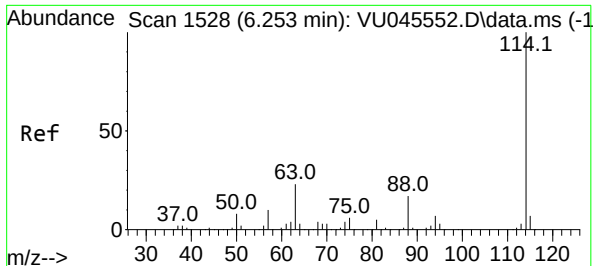
Tgt Ion: 65 Resp: 95978

Ion Ratio Lower Upper

65 100

67 52.8 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: VU045762.D

Acq: 12 Nov 2021 12:29

Instrument :

MSVOA_U

ClientSampleId :

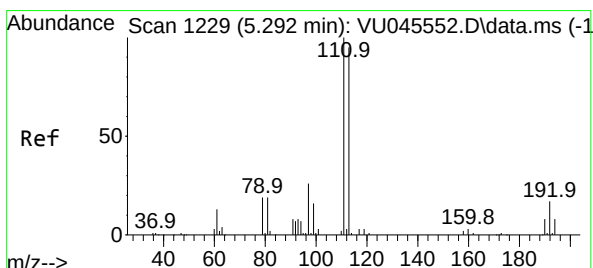
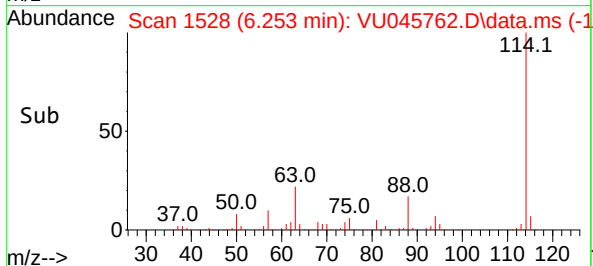
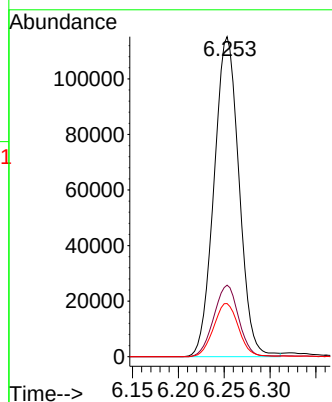
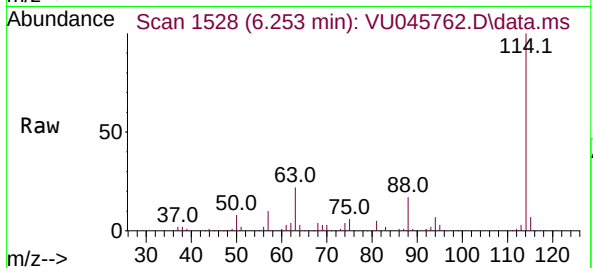
Tgt Ion:114 Resp: 217931

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

88 16.6 0.0 33.8



#35

Dibromofluoromethane

Concen: 51.597 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045762.D

Acq: 12 Nov 2021 12:29

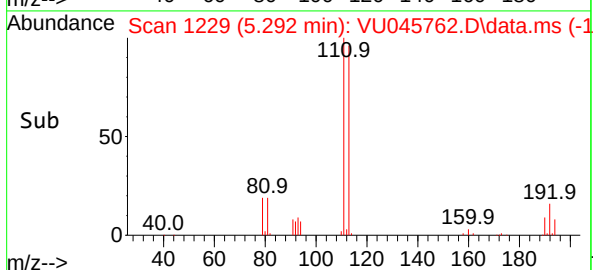
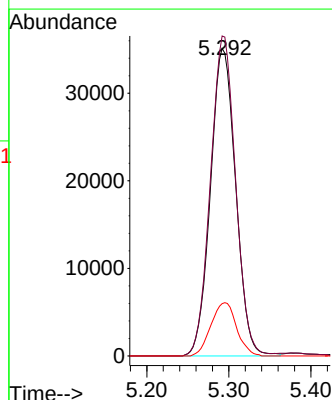
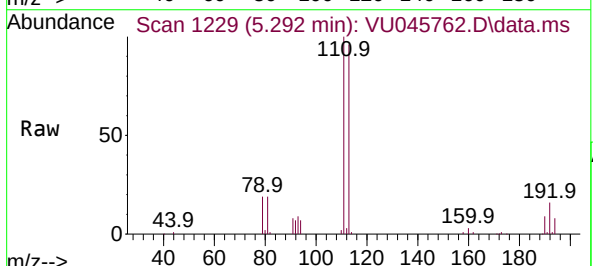
Tgt Ion:113 Resp: 75074

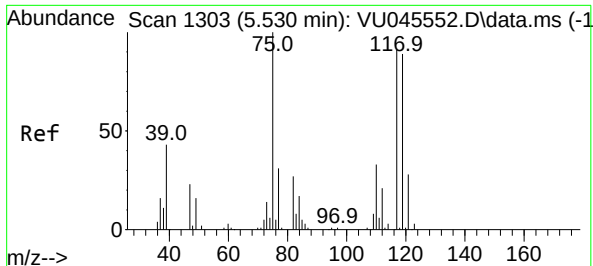
Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

192 17.6 14.8 22.2

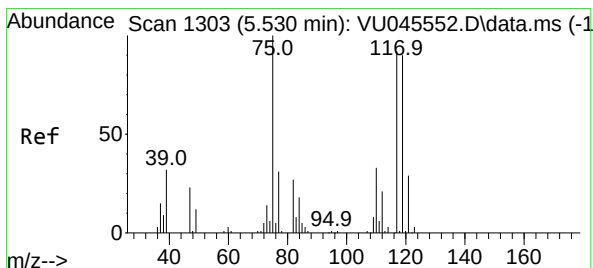
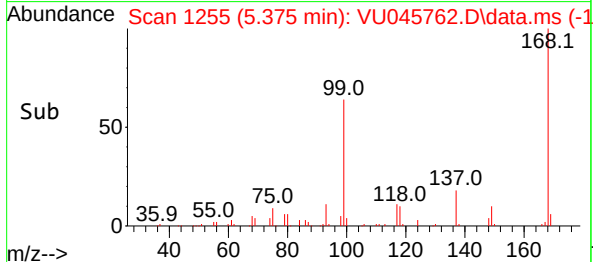
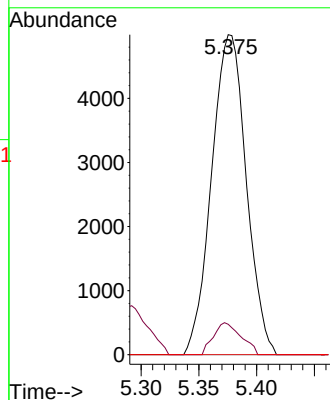
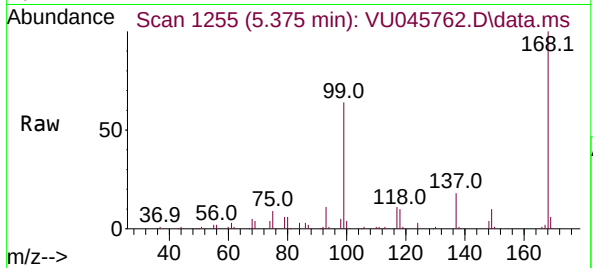




#36
1,1-Dichloropropene
Concen: 4.911 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.154 min
Lab File: VU045762.D
Acq: 12 Nov 2021 12:29

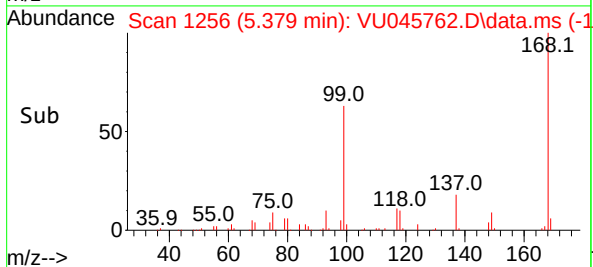
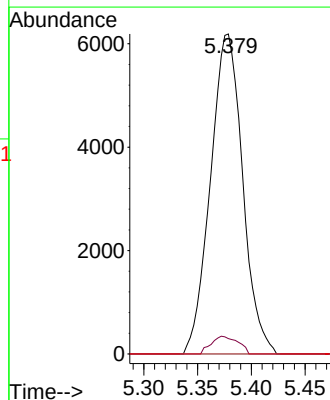
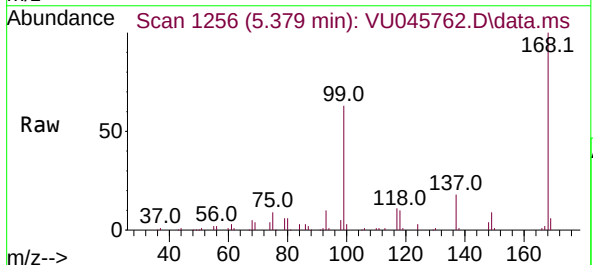
Instrument :
MSVOA_U
ClientSampleId :

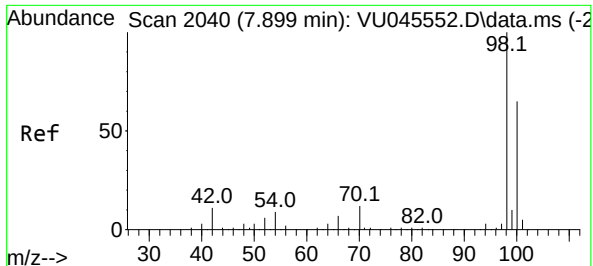
Tgt Ion: 75 Resp: 10435
Ion Ratio Lower Upper
75 100
110 8.0 16.7 50.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.011 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045762.D
Acq: 12 Nov 2021 12:29

Tgt Ion: 117 Resp: 12877
Ion Ratio Lower Upper
117 100
119 4.8 77.4 116.0#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.926 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. 0.003 min

Lab File: VU045762.D

Acq: 12 Nov 2021 12:29

Instrument :

MSVOA_U

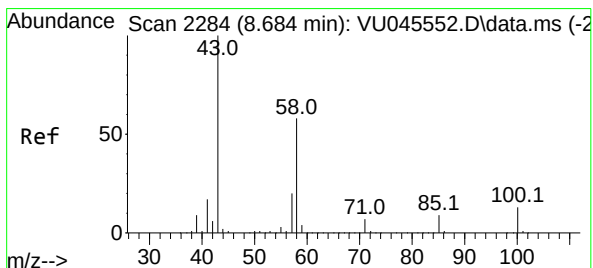
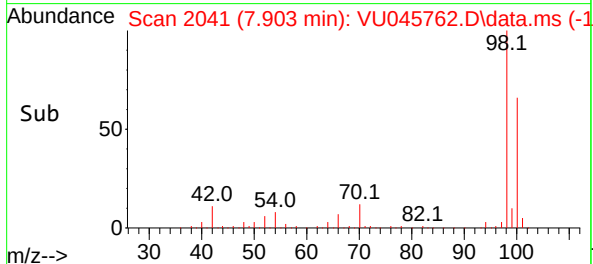
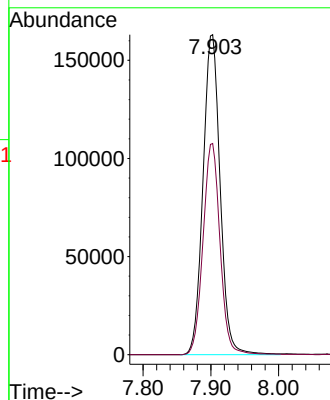
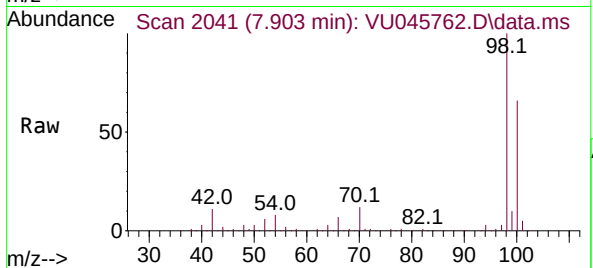
ClientSampleId :

Tgt Ion: 98 Resp: 286354

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7



#59

2-Hexanone

Concen: 7.641 ug/l

RT: 8.687 min Scan# 2285

Delta R.T. 0.003 min

Lab File: VU045762.D

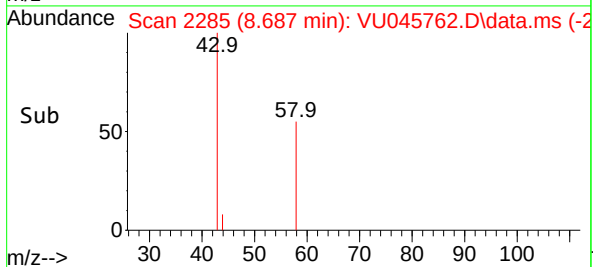
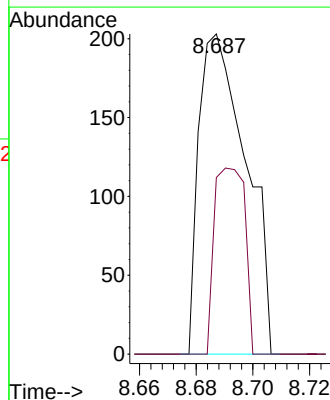
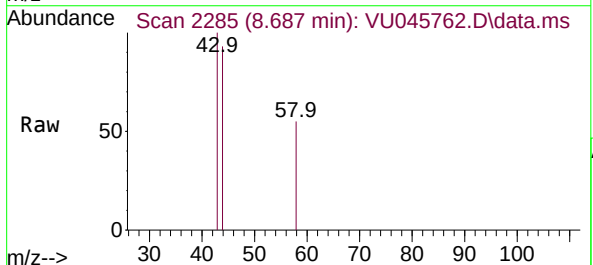
Acq: 12 Nov 2021 12:29

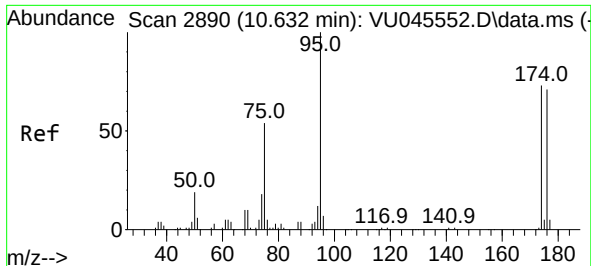
Tgt Ion: 43 Resp: 234

Ion Ratio Lower Upper

43 100

58 37.6 29.5 88.6





#62

4-Bromofluorobenzene

Concen: 49.902 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045762.D

Acq: 12 Nov 2021 12:29

Instrument :

MSVOA_U

ClientSampleId :

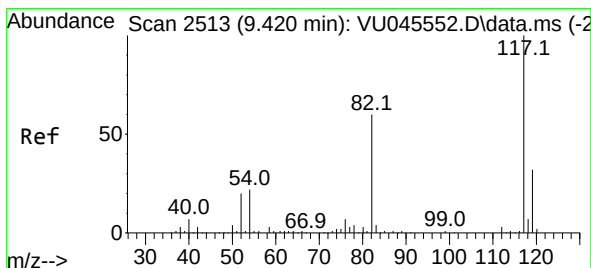
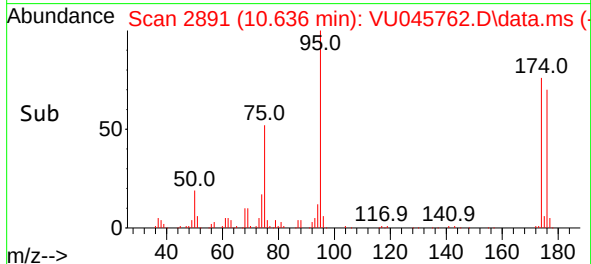
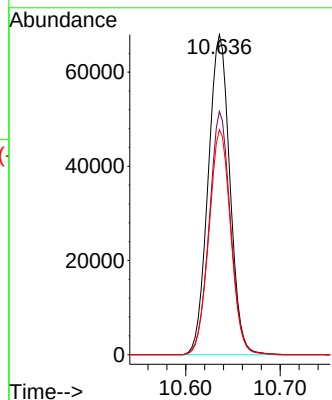
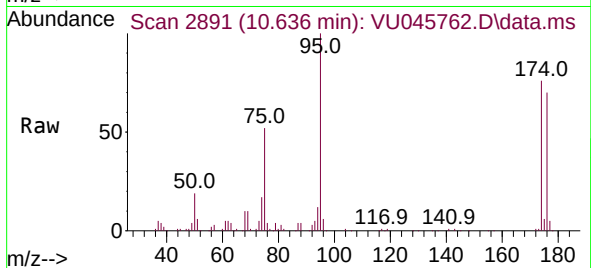
Tgt Ion: 95 Resp: 108265

Ion Ratio Lower Upper

95 100

174 74.9 0.0 141.8

176 70.6 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: VU045762.D

Acq: 12 Nov 2021 12:29

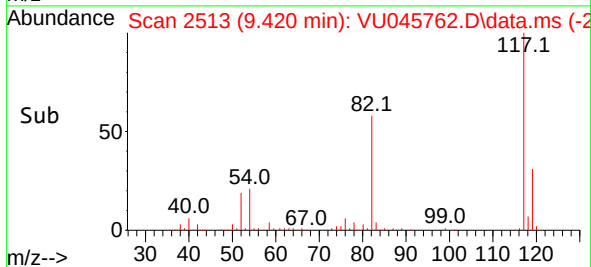
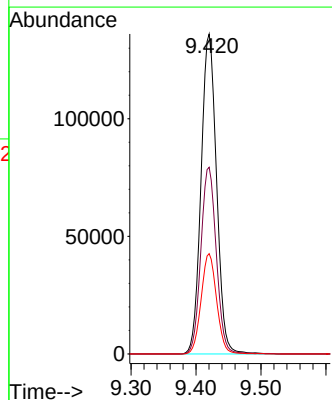
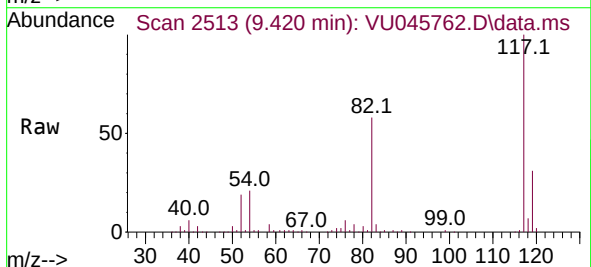
Tgt Ion: 117 Resp: 226092

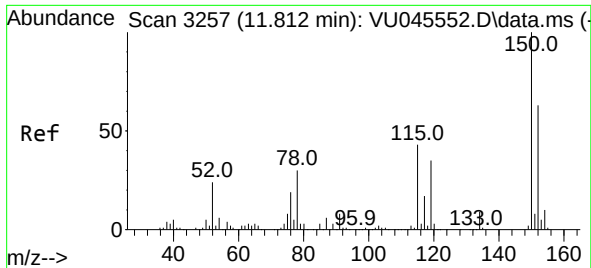
Ion Ratio Lower Upper

117 100

82 58.3 47.8 71.8

119 31.3 25.8 38.8

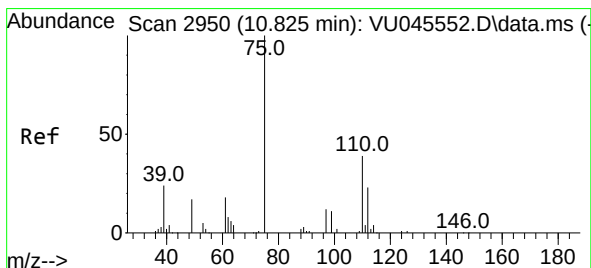
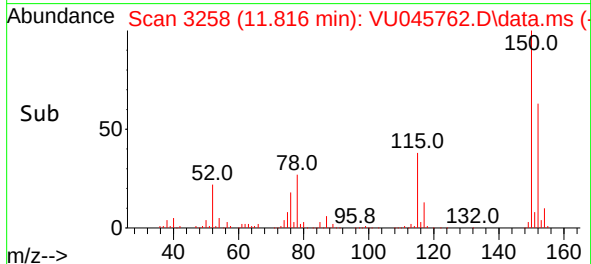
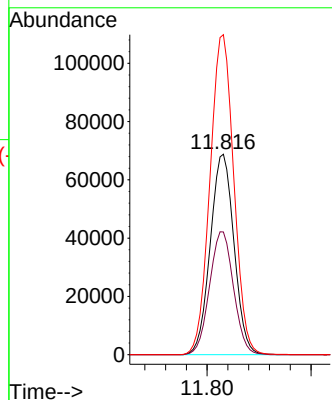
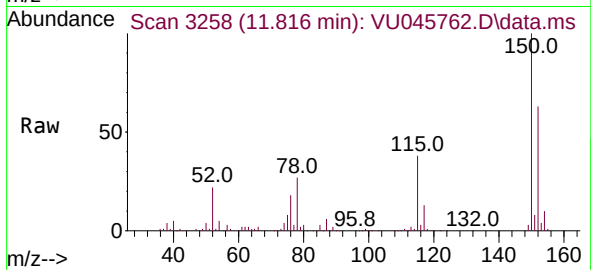




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU045762.D
Acq: 12 Nov 2021 12:29

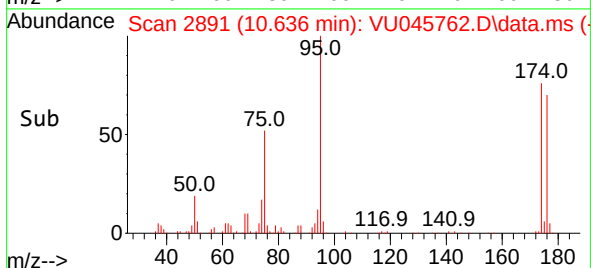
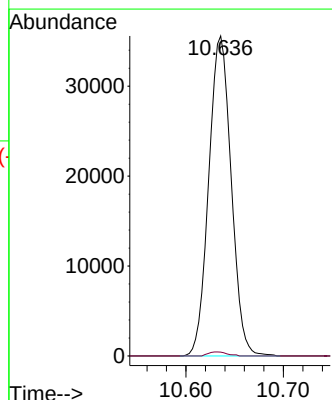
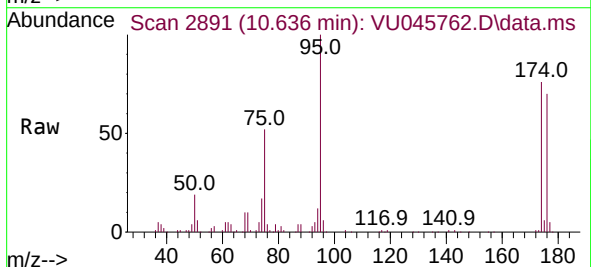
Instrument :
MSVOA_U
ClientSampleId :

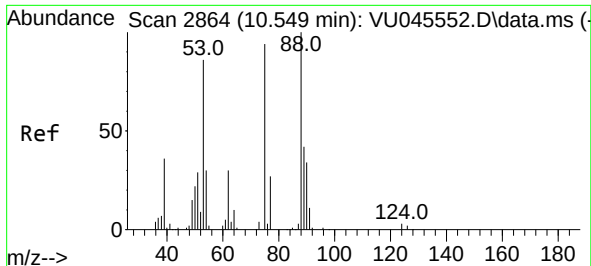
Tgt Ion:152 Resp: 109198
Ion Ratio Lower Upper
152 100
115 61.8 42.7 128.1
150 160.0 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 17.209 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045762.D
Acq: 12 Nov 2021 12:29

Tgt Ion: 75 Resp: 56988
Ion Ratio Lower Upper
75 100
77 1.1 17.1 51.3#

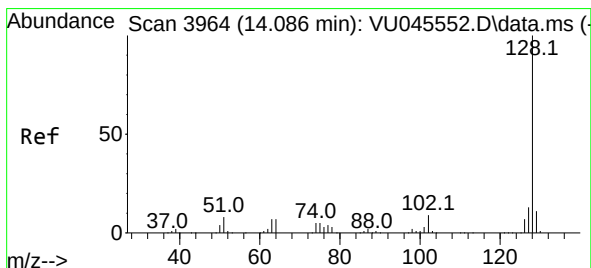
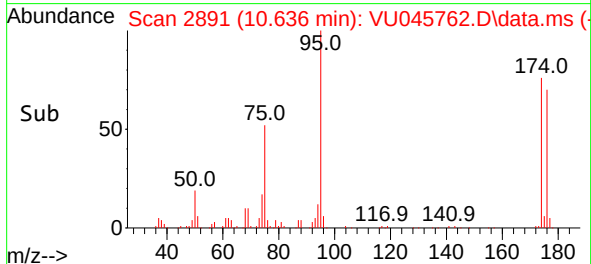
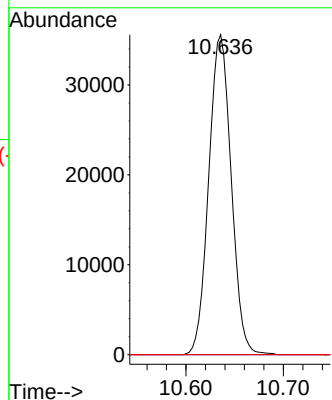
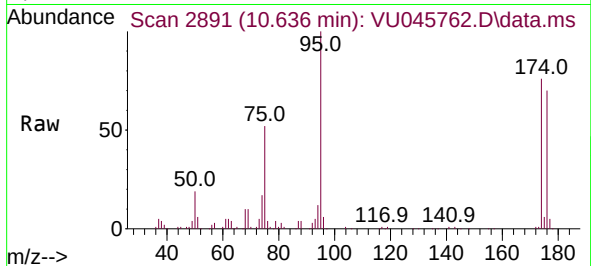




#81
trans-1,4-Dichloro-2-butene
Concen: 55.994 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU045762.D
Acq: 12 Nov 2021 12:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 56988
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.145 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU045762.D
Acq: 12 Nov 2021 12:29

Tgt Ion: 128 Resp: 1052
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 3.9 8.6 13.0#

