

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045768.D
 Acq On : 12 Nov 2021 14:48
 Operator : SY/MD
 Sample : M4668-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 05:20:08 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)

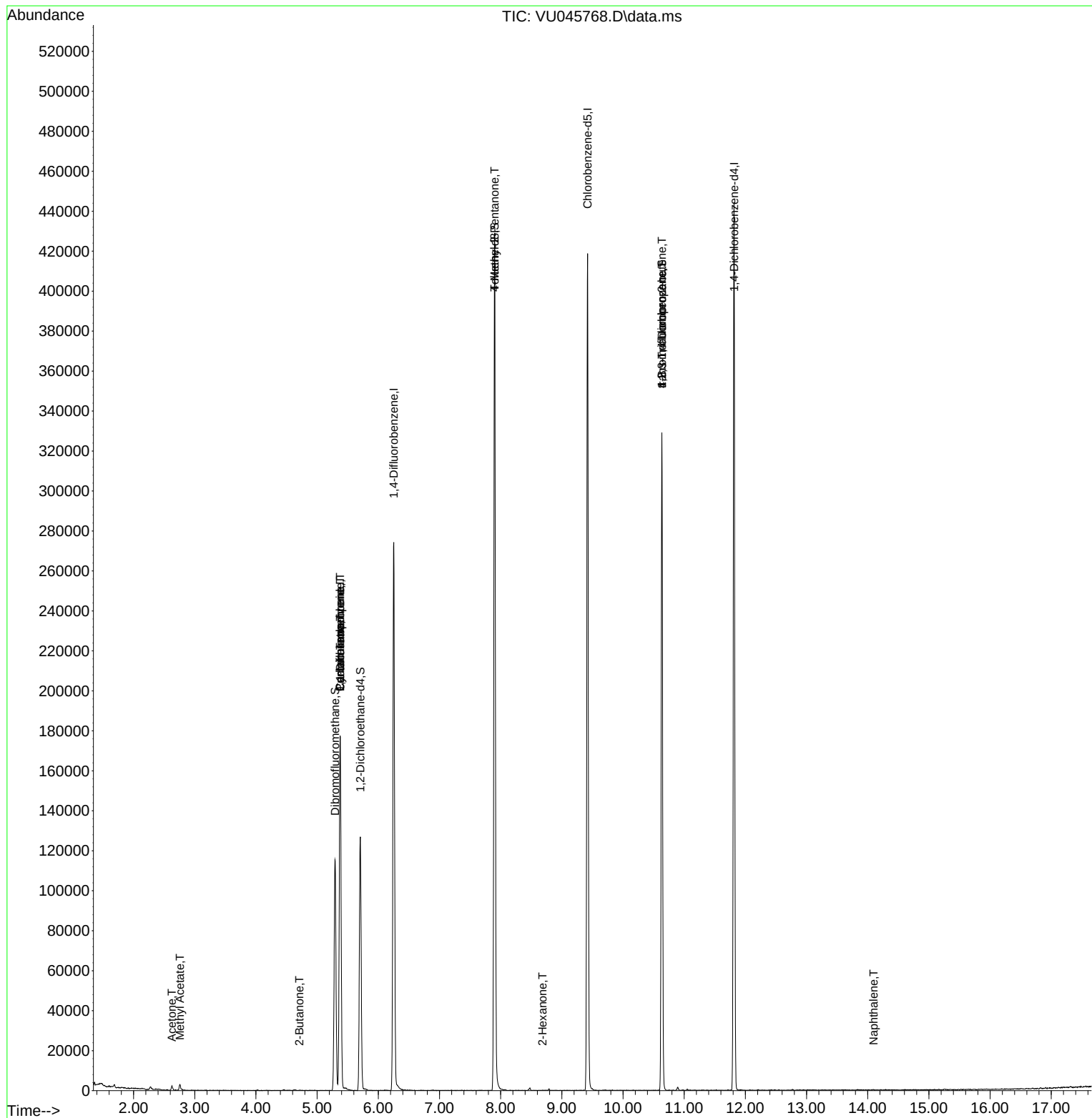
Internal Standards						
1) Pentafluorobenzene	5.375	168	117376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	214039	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	225803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	112421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	94832	53.948	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.900%	
35) Dibromofluoromethane	5.292	113	74294	51.989	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.980%	
50) Toluene-d8	7.903	98	286649	53.944	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.880%	
62) 4-Bromofluorobenzene	10.636	95	107734	50.560	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.120%	
Target Compounds						
					Qvalue	
16) Acetone	2.626	43	2278	2.546	ug/l	97
18) Methyl Acetate	2.758	43	938	0.308	ug/l #	50
25) 2-Butanone	4.710	43	299	0.241	ug/l #	47
31) Cyclohexane	5.375	56	2633	1.027	ug/l #	1
36) 1,1-Dichloropropene	5.375	75	10545	5.053	ug/l #	49
38) Carbon Tetrachloride	5.375	117	13043	6.199	ug/l #	16
51) 4-Methyl-2-Pentanone	7.899	43	1132	0.468	ug/l #	1
59) 2-Hexanone	8.684	43	72	7.568	ug/l #	21
76) 1,2,3-Trichloropropane	10.636	75	58315	17.105	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	58315	55.673	ug/l #	12
95) Naphthalene	14.095	128	326	1.064	ug/l #	69

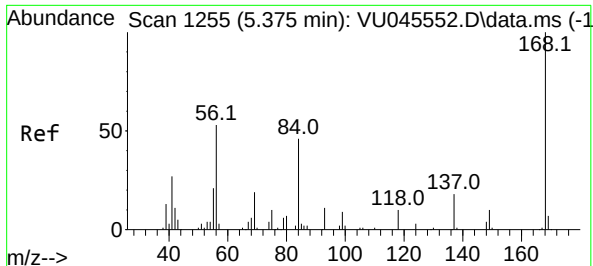
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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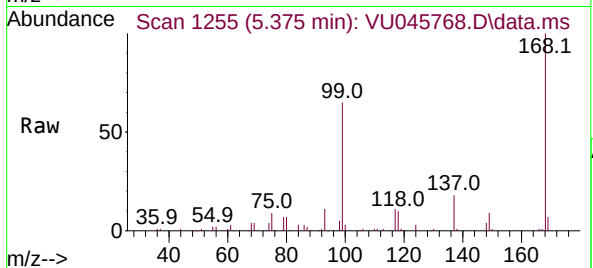
Quant Time: Nov 15 05:20:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration



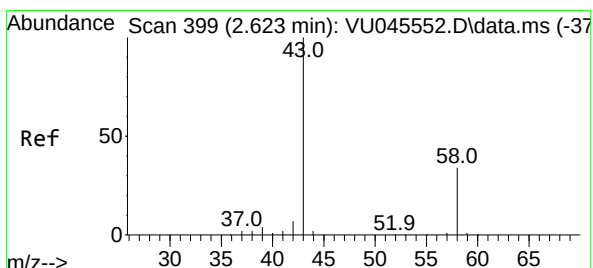
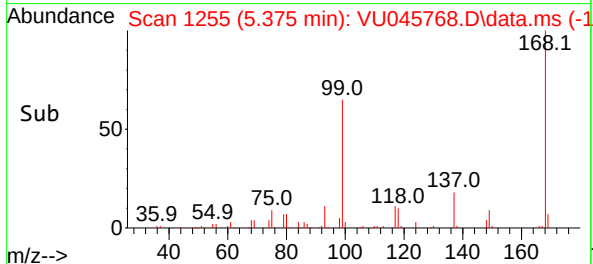
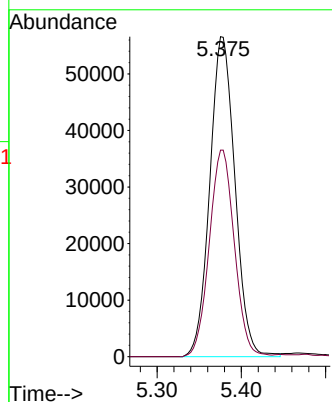


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045768.D
Acq: 12 Nov 2021 14:48

Instrument :
MSVOA_U
ClientSampleId :

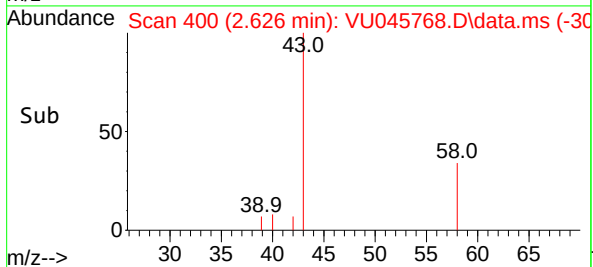
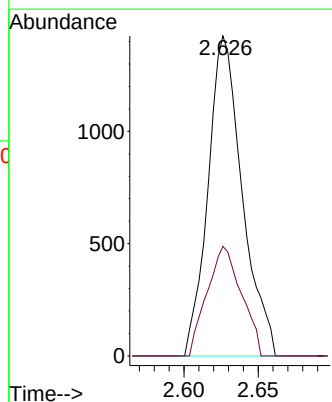
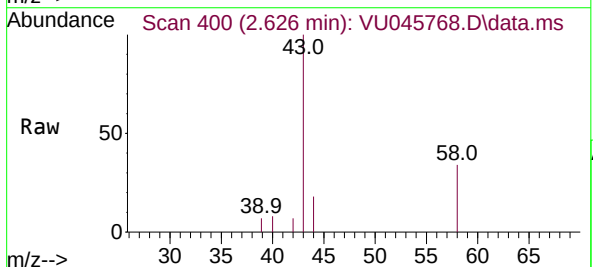


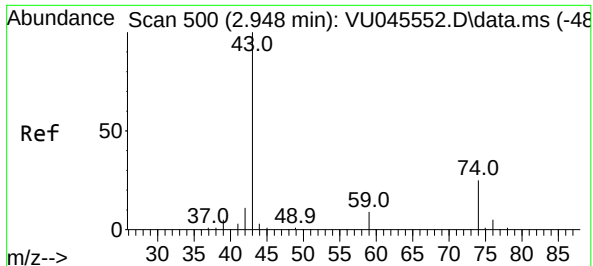
Tgt Ion:168 Resp: 117376
Ion Ratio Lower Upper
168 100
99 64.5 51.0 76.6



#16
Acetone
Concen: 2.546 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045768.D
Acq: 12 Nov 2021 14:48

Tgt Ion: 43 Resp: 2278
Ion Ratio Lower Upper
43 100
58 34.2 26.2 39.2

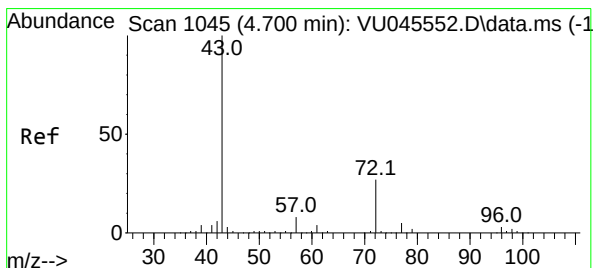
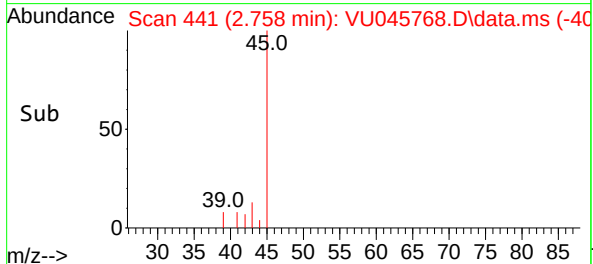
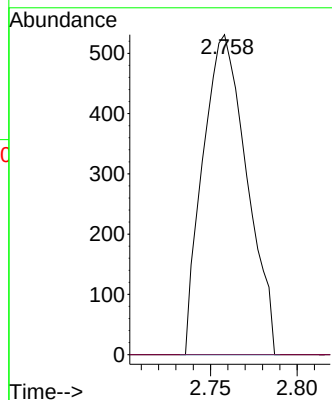
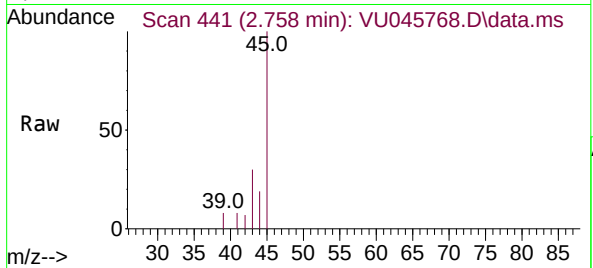




#18
Methyl Acetate
Concen: 0.308 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.190 min
Lab File: VU045768.D
Acq: 12 Nov 2021 14:48

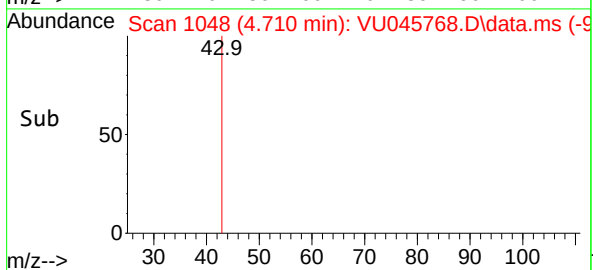
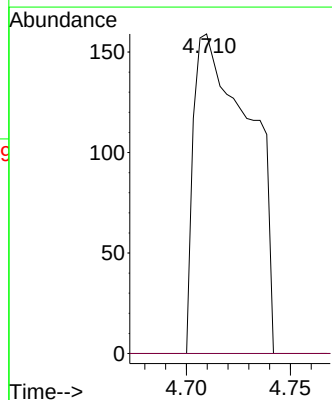
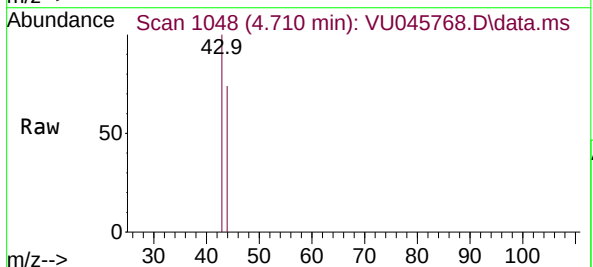
Instrument :
MSVOA_U
ClientSampleId :

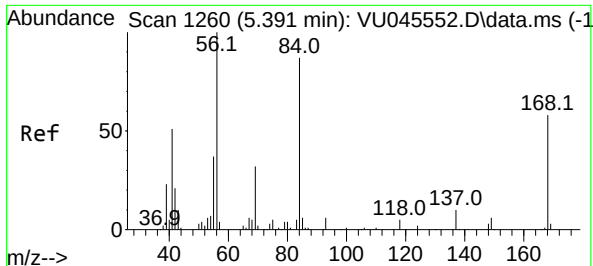
Tgt Ion: 43 Resp: 938
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#25
2-Butanone
Concen: 0.241 ug/l
RT: 4.710 min Scan# 1048
Delta R.T. 0.010 min
Lab File: VU045768.D
Acq: 12 Nov 2021 14:48

Tgt Ion: 43 Resp: 299
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#

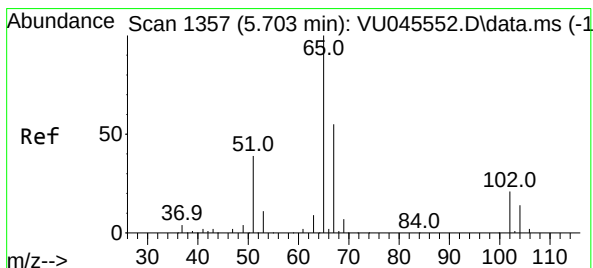
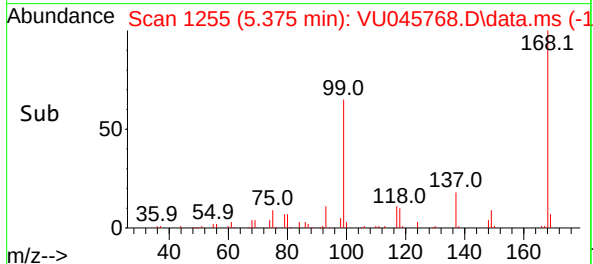
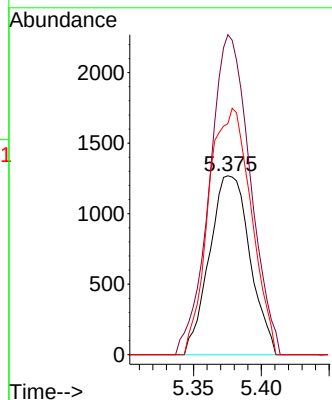
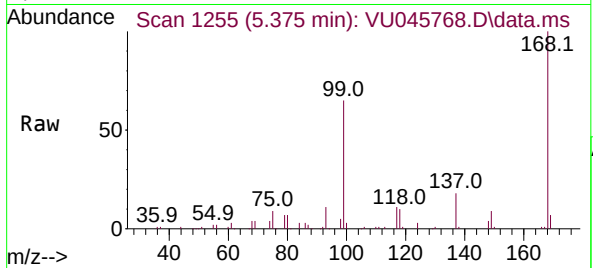




#31
Cyclohexane
Concen: 1.027 ug/l
RT: 5.375 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU045768.D
Acq: 12 Nov 2021 14:48

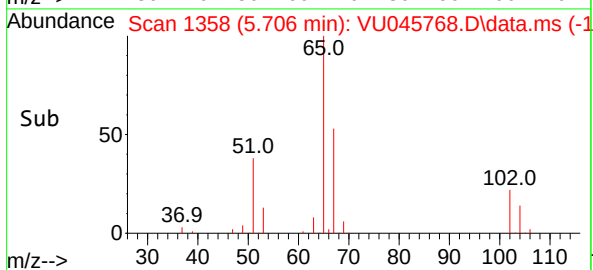
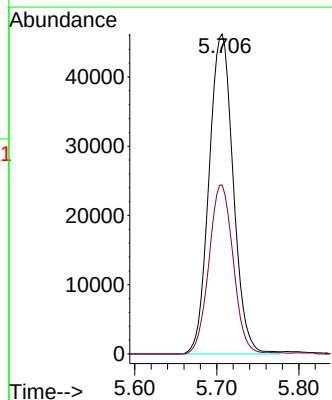
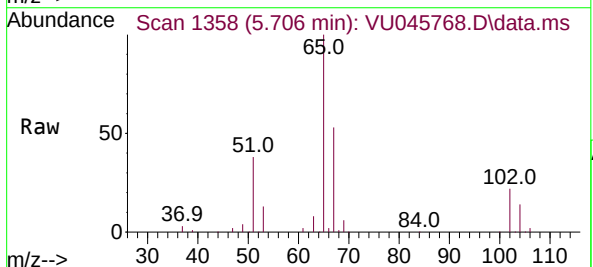
Instrument :
MSVOA_U
ClientSampleId :

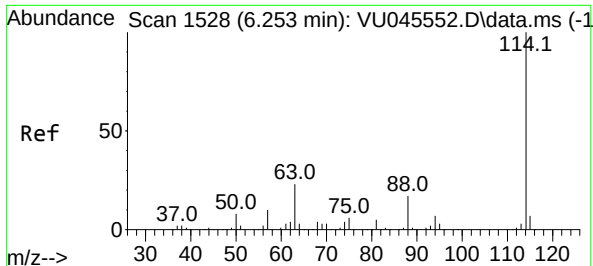
Tgt Ion: 56 Resp: 2633
Ion Ratio Lower Upper
56 100
69 178.8 26.4 39.6#
84 129.1 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 53.948 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045768.D
Acq: 12 Nov 2021 14:48

Tgt Ion: 65 Resp: 94832
Ion Ratio Lower Upper
65 100
67 53.2 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: VU045768.D

Acq: 12 Nov 2021 14:48

Instrument :

MSVOA_U

ClientSampleId :

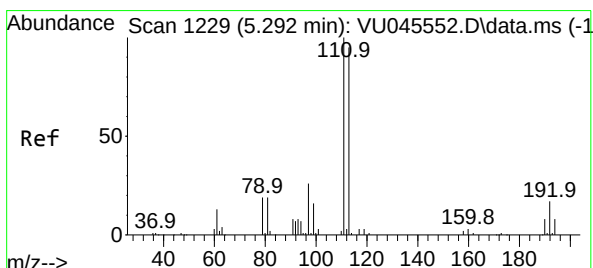
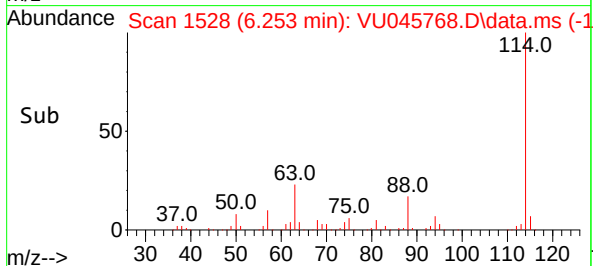
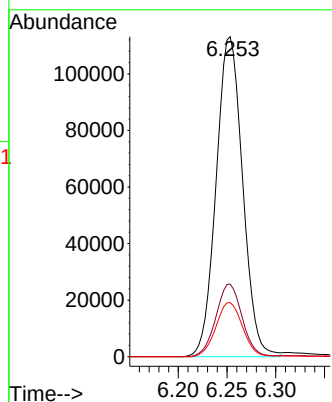
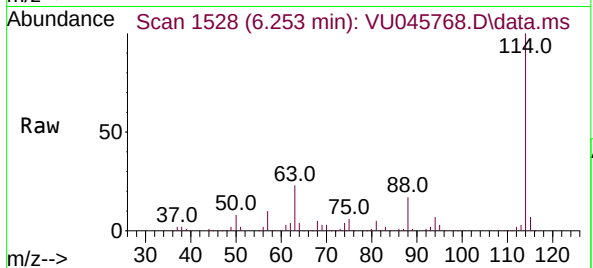
Tgt Ion:114 Resp: 214039

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

88 16.9 0.0 33.8



#35

Dibromofluoromethane

Concen: 51.989 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045768.D

Acq: 12 Nov 2021 14:48

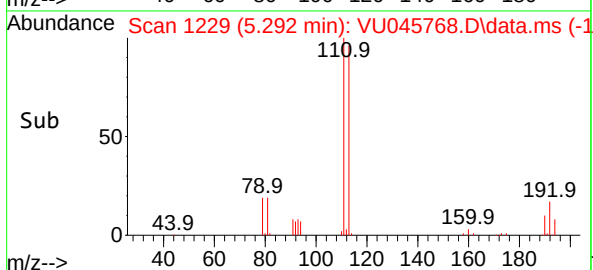
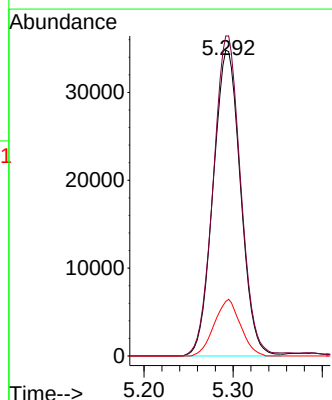
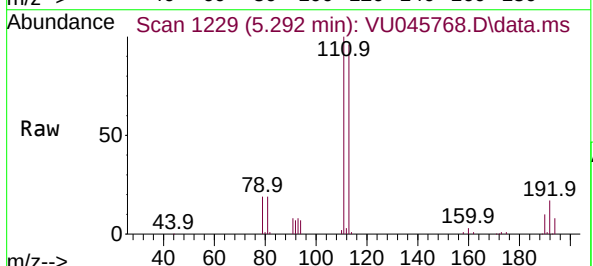
Tgt Ion:113 Resp: 74294

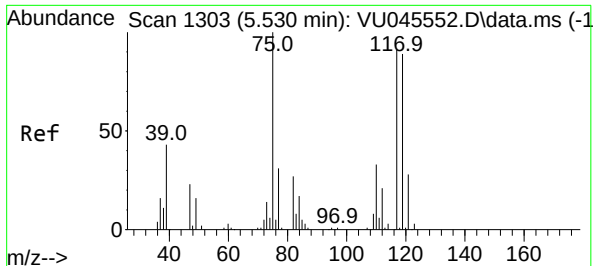
Ion Ratio Lower Upper

113 100

111 104.8 82.8 124.2

192 17.7 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.053 ug/l

RT: 5.375 min Scan# 1255

Delta R.T. -0.154 min

Lab File: VU045768.D

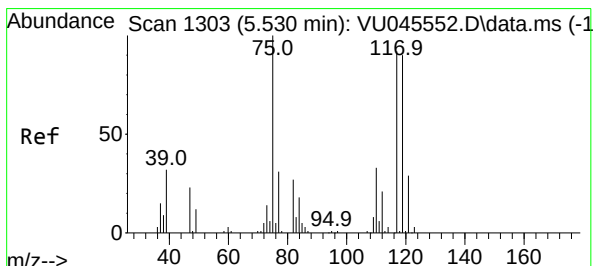
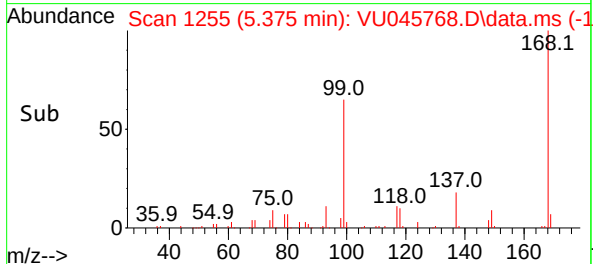
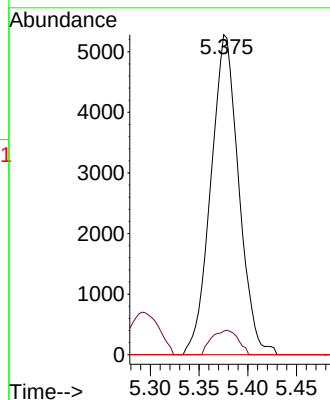
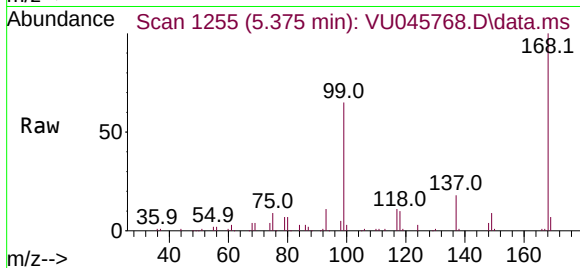
Acq: 12 Nov 2021 14:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	10545
Ion Ratio	Lower	Upper	
75	100		
110	7.3	16.7	50.0#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 6.199 ug/l

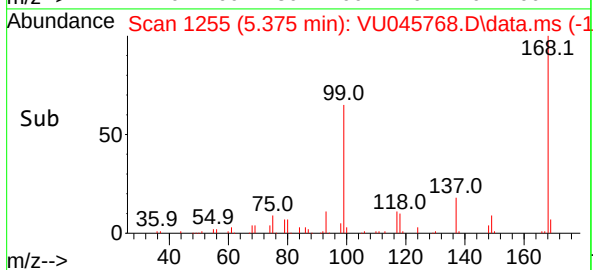
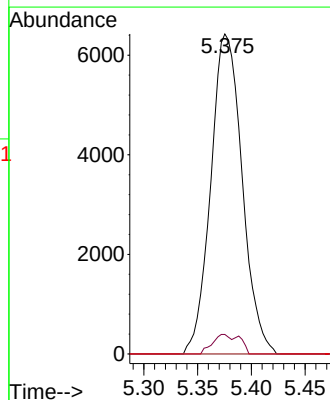
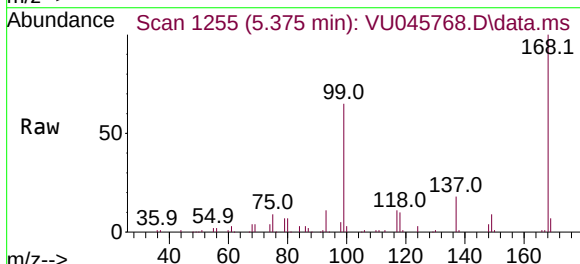
RT: 5.375 min Scan# 1255

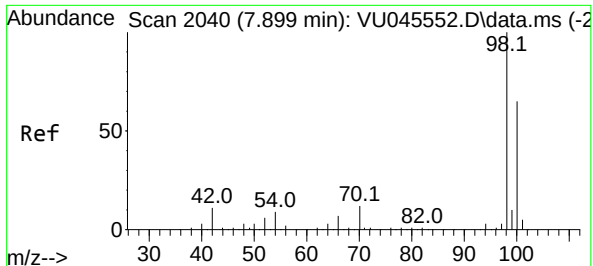
Delta R.T. -0.154 min

Lab File: VU045768.D

Acq: 12 Nov 2021 14:48

Tgt Ion:	117	Resp:	13043
Ion Ratio	Lower	Upper	
117	100		
119	6.1	77.4	116.0#
121	0.0	24.8	37.2#

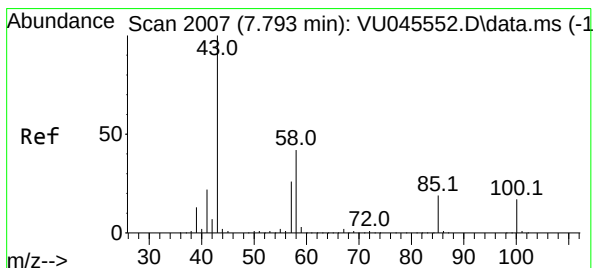
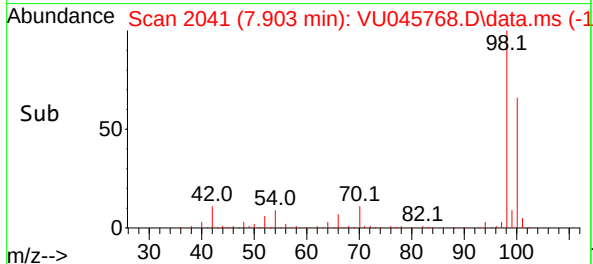
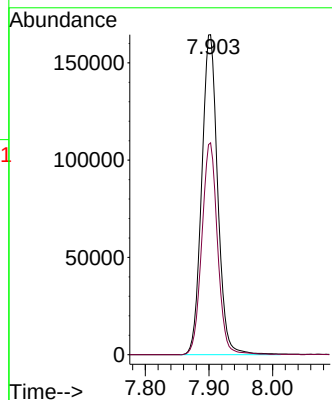
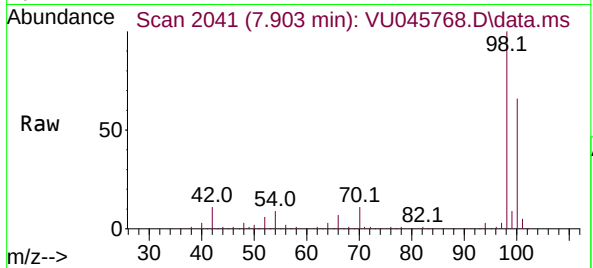




#50
Toluene-d8
Concen: 53.944 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.003 min
Lab File: VU045768.D
Acq: 12 Nov 2021 14:48

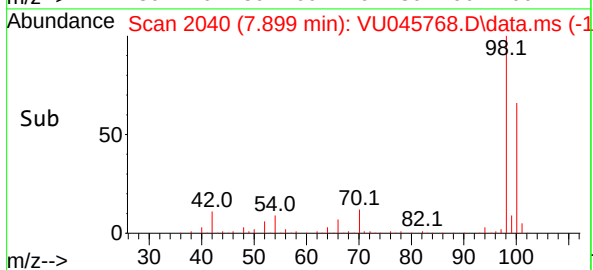
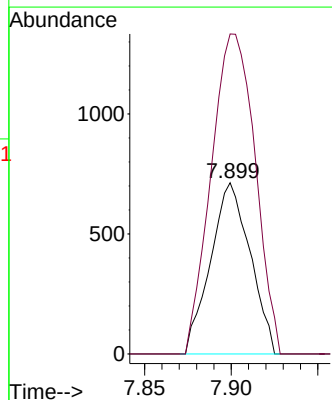
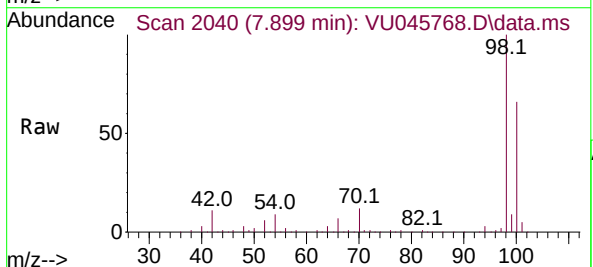
Instrument :
MSVOA_U
ClientSampleId :

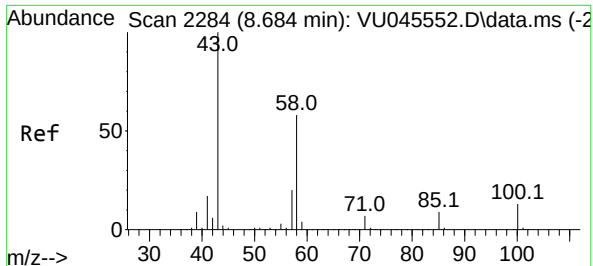
Tgt Ion: 98 Resp: 286649
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.106 min
Lab File: VU045768.D
Acq: 12 Nov 2021 14:48

Tgt Ion: 43 Resp: 1132
Ion Ratio Lower Upper
43 100
58 207.7 33.8 50.8#





#59

2-Hexanone

Concen: 7.568 ug/l

RT: 8.684 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045768.D

Acq: 12 Nov 2021 14:48

Instrument :

MSVOA_U

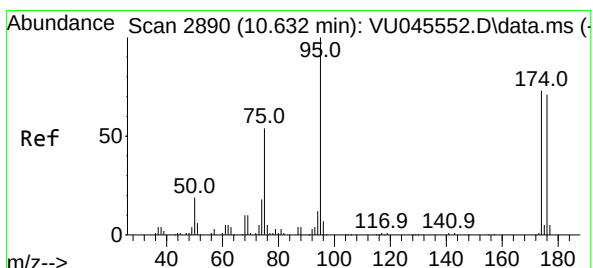
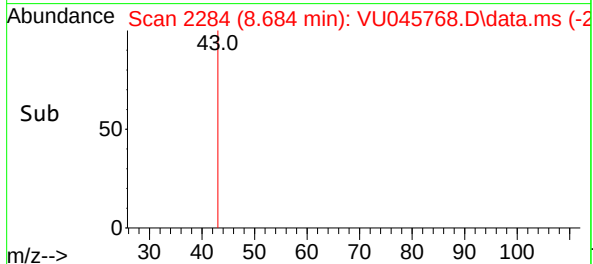
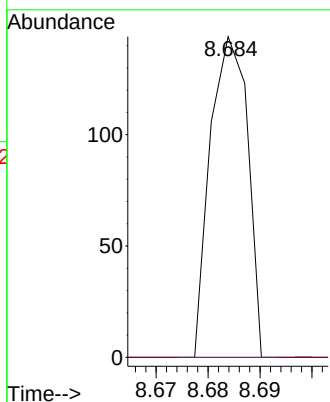
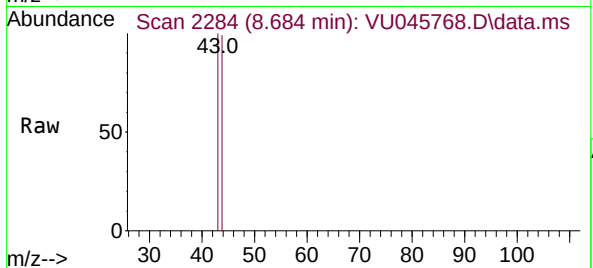
ClientSampleId :

Tgt Ion: 43 Resp: 72

Ion Ratio Lower Upper

43 100

58 0.0 29.5 88.6#



#62

4-Bromofluorobenzene

Concen: 50.560 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045768.D

Acq: 12 Nov 2021 14:48

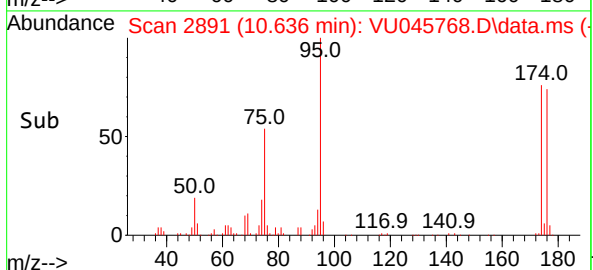
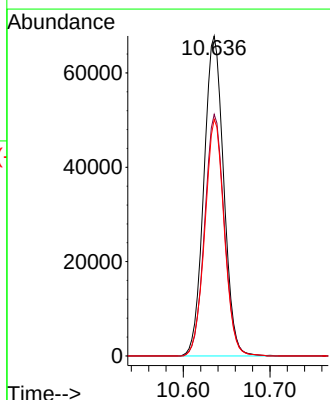
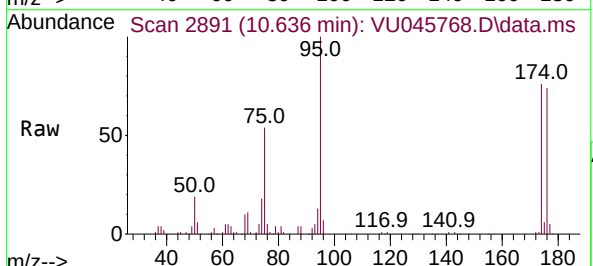
Tgt Ion: 95 Resp: 107734

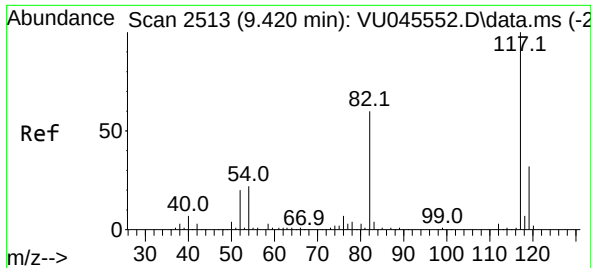
Ion Ratio Lower Upper

95 100

174 75.0 0.0 141.8

176 72.5 0.0 138.2

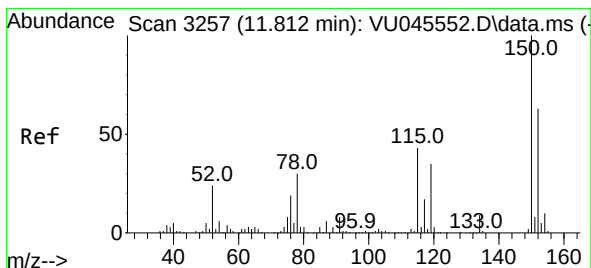
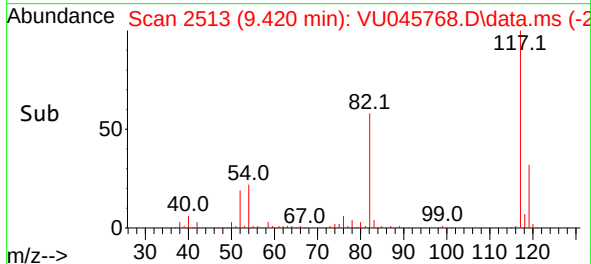
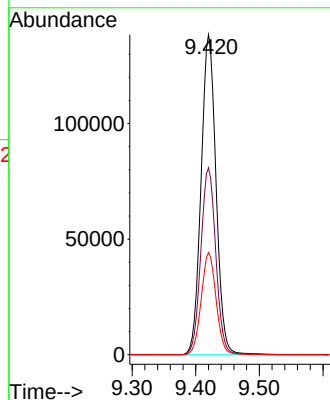
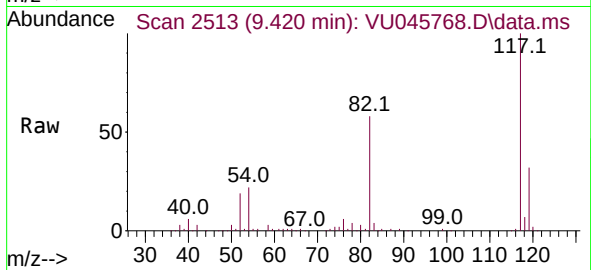




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045768.D
Acq: 12 Nov 2021 14:48

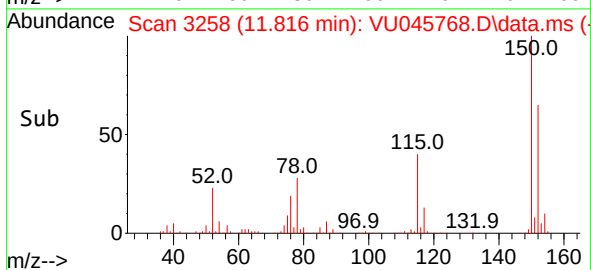
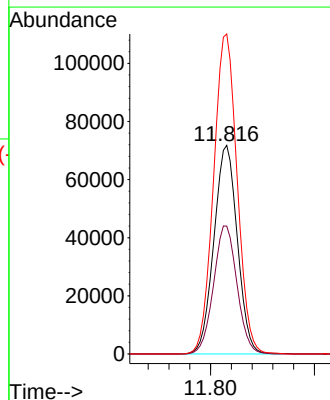
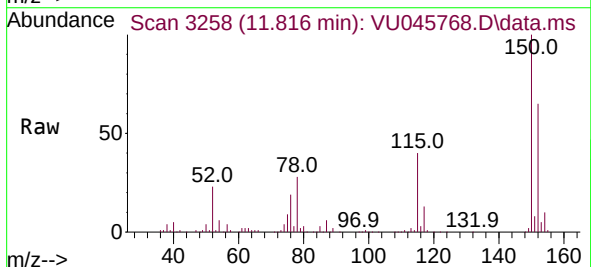
Instrument :
MSVOA_U
ClientSampleId :

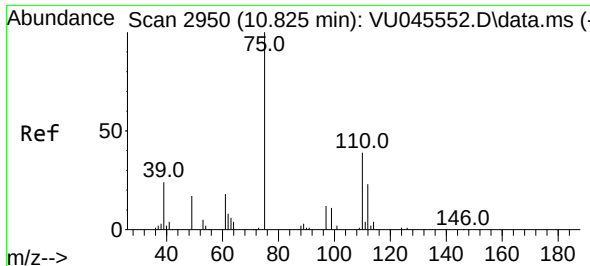
Tgt Ion:117 Resp: 225803
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.8
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045768.D
Acq: 12 Nov 2021 14:48

Tgt Ion:152 Resp: 112421
Ion Ratio Lower Upper
152 100
115 61.5 42.7 128.1
150 154.2 0.0 346.8

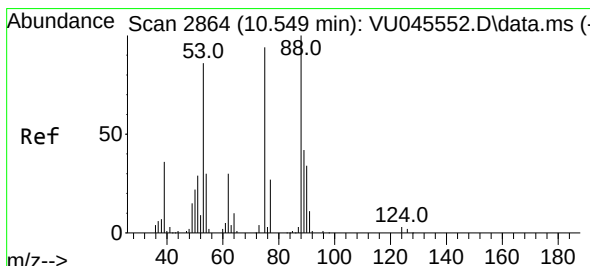
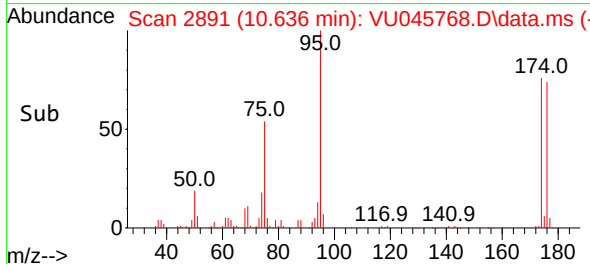
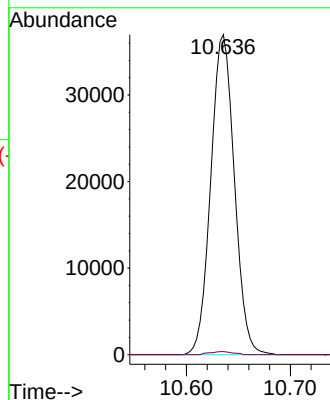
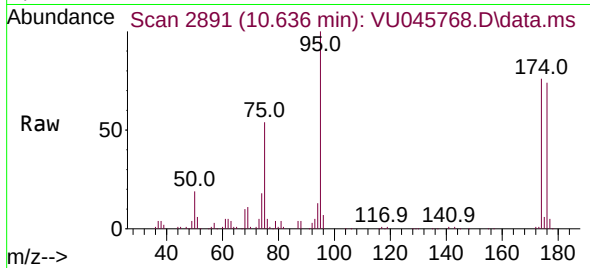




#76
1,2,3-Trichloropropane
Concen: 17.105 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.190 min
Lab File: VU045768.D
Acq: 12 Nov 2021 14:48

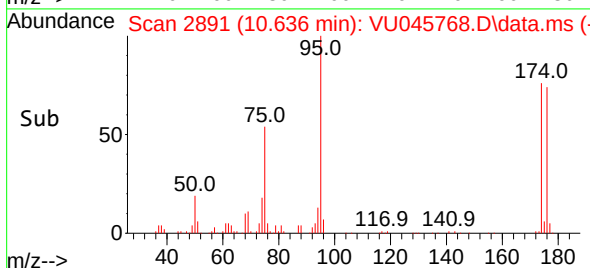
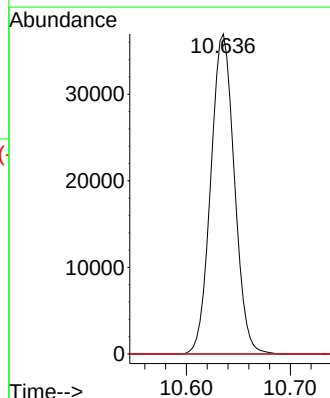
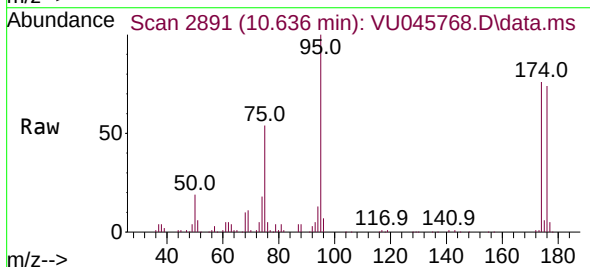
Instrument :
MSVOA_U
ClientSampleId :

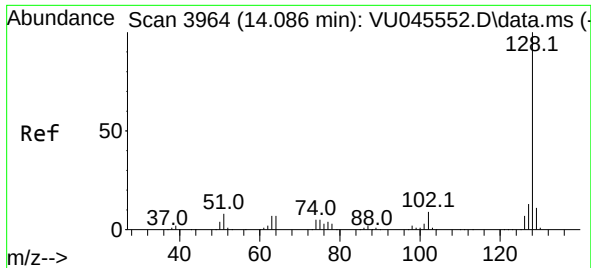
Tgt Ion: 75 Resp: 58315
Ion Ratio Lower Upper
75 100
77 1.0 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.673 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.087 min
Lab File: VU045768.D
Acq: 12 Nov 2021 14:48

Tgt Ion: 75 Resp: 58315
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.064 ug/l

RT: 14.095 min Scan# 3967

Delta R.T. 0.009 min MSVOA_U

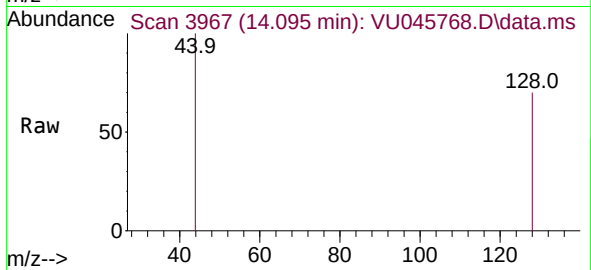
Lab File: VU045768.D

Acq: 12 Nov 2021 14:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 326

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 8.6 13.0#

