

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045637.D
 Acq On : 09 Nov 2021 00:22
 Operator : SY/MD
 Sample : M4495-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

Quant Time: Nov 09 11:14:41 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)

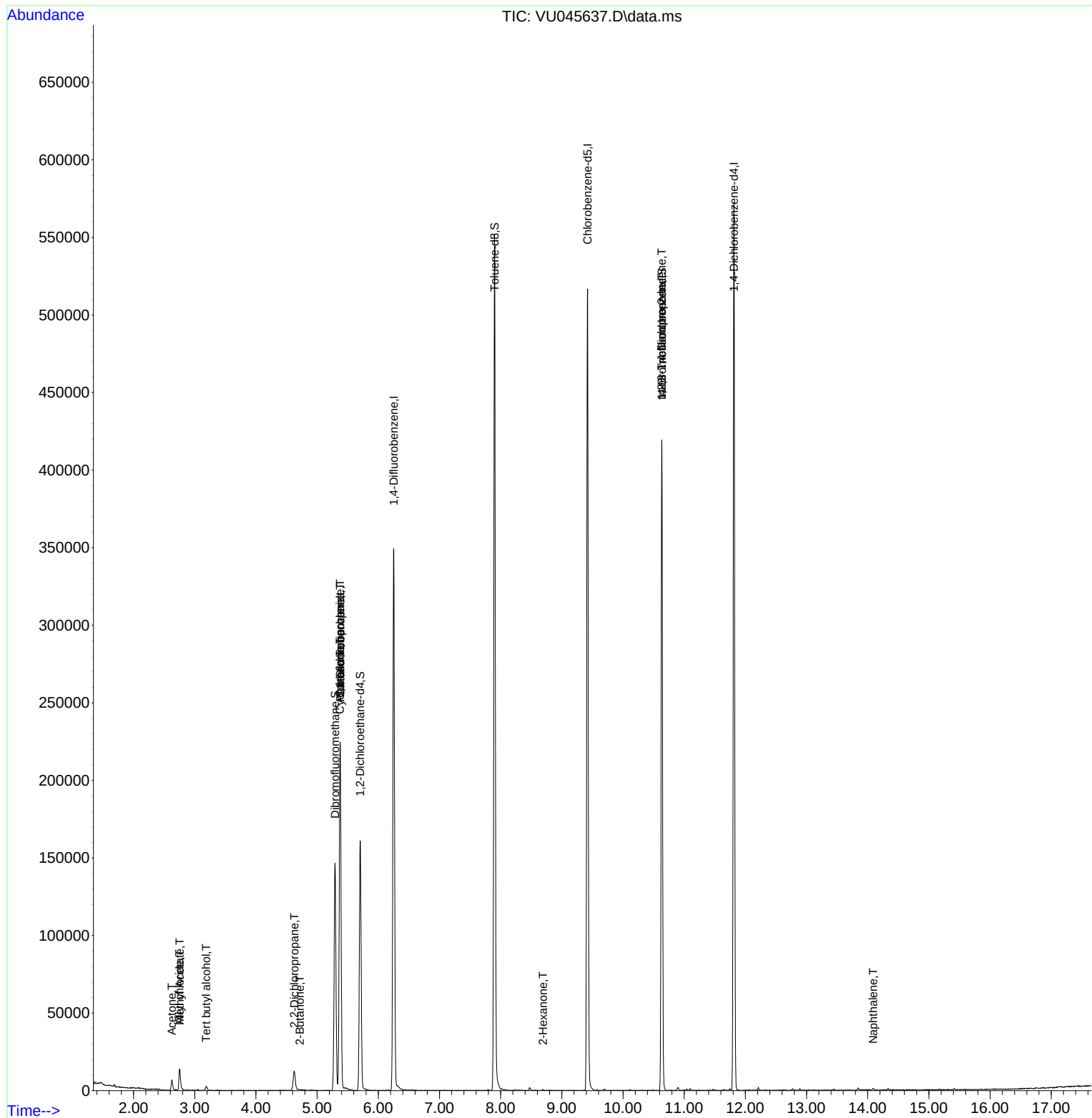
Internal Standards						
1) Pentafluorobenzene	5.379	168	149425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	277623	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	283909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	143730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	120127	53.681	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.360%	
35) Dibromofluoromethane	5.292	113	92861	50.099	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.200%	
50) Toluene-d8	7.899	98	364170	52.837	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.680%	
62) 4-Bromofluorobenzene	10.636	95	141097	51.052	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.186	59	1588	3.585	ug/l #	72
14) Allyl chloride	2.752	41	1430	0.487	ug/l #	65
16) Acetone	2.626	43	7823	6.867	ug/l	95
18) Methyl Acetate	2.755	43	3963	1.021	ug/l #	50
25) 2-Butanone	4.716	43	446	0.282	ug/l #	47
26) 2,2-Dichloropropane	4.629	77	777	0.273	ug/l #	53
31) Cyclohexane	5.372	56	3594	1.101	ug/l #	12
36) 1,1-Dichloropropene	5.375	75	12892	4.762	ug/l #	50
38) Carbon Tetrachloride	5.375	117	15879	5.818	ug/l #	15
59) 2-Hexanone	8.690	43	402	7.678	ug/l	94
76) 1,2,3-Trichloropropane	10.632	75	73410	16.842	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.632	75	73410	54.864	ug/l #	12
95) Naphthalene	14.089	128	1328	1.141	ug/l #	84

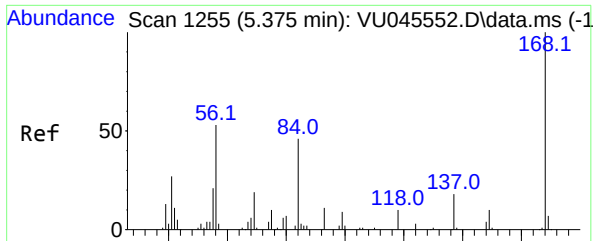
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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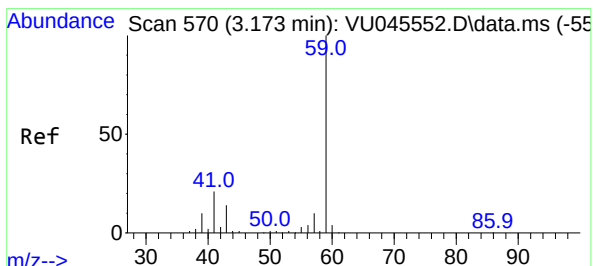
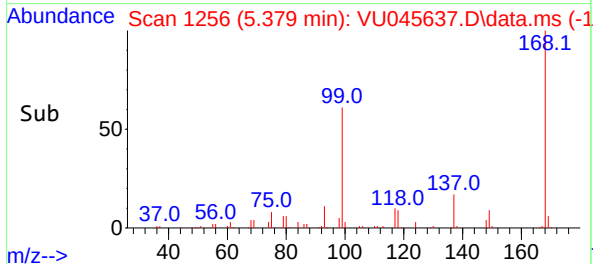
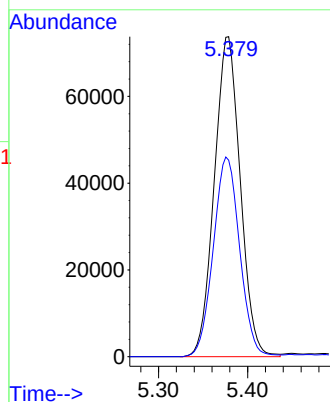
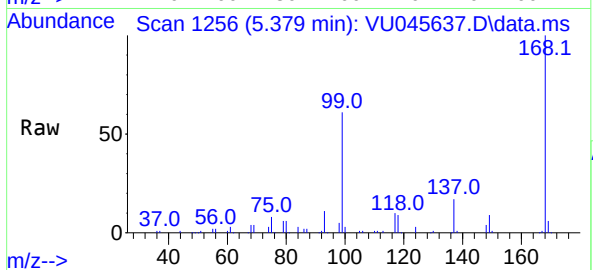




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045637.D
Acq: 09 Nov 2021 00:22

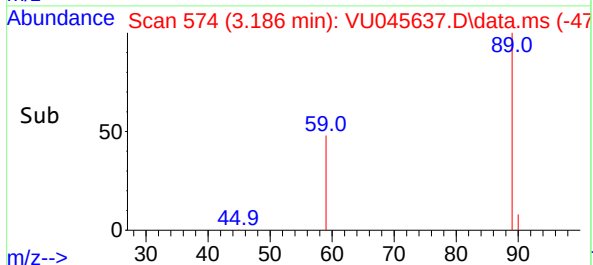
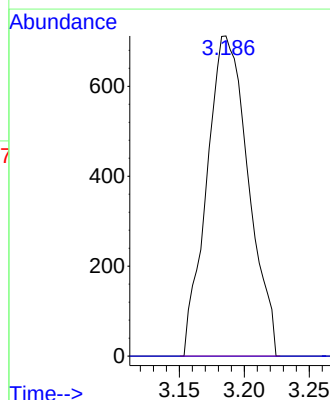
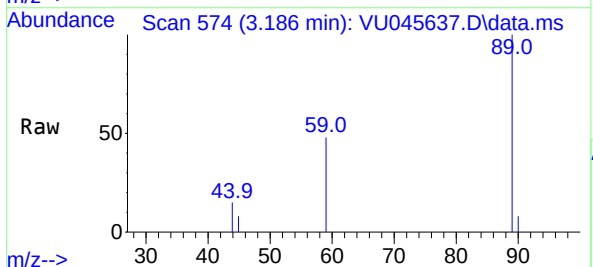
Instrument :
MSVOA_U
ClientSampleId :
MW-3

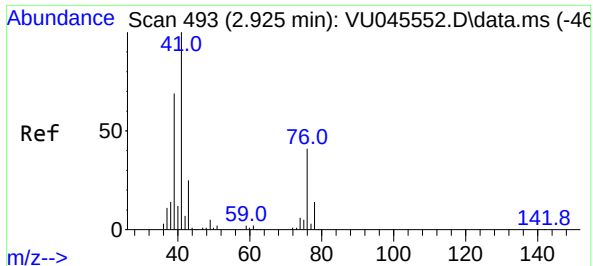
Tgt Ion:168 Resp: 149425
Ion Ratio Lower Upper
168 100
99 61.4 51.0 76.6



#11
Tert butyl alcohol
Concen: 3.585 ug/l
RT: 3.186 min Scan# 574
Delta R.T. 0.013 min
Lab File: VU045637.D
Acq: 09 Nov 2021 00:22

Tgt Ion: 59 Resp: 1588
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

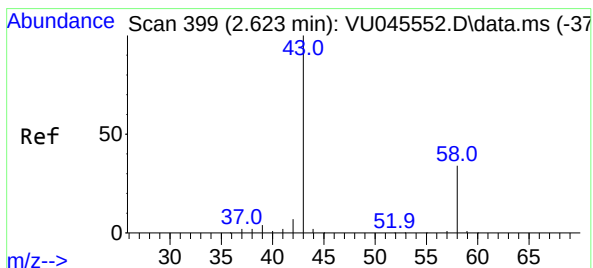
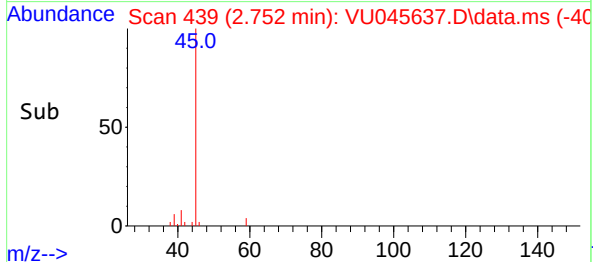
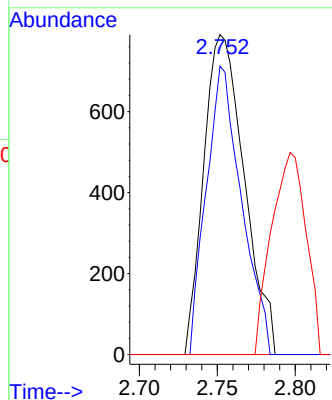
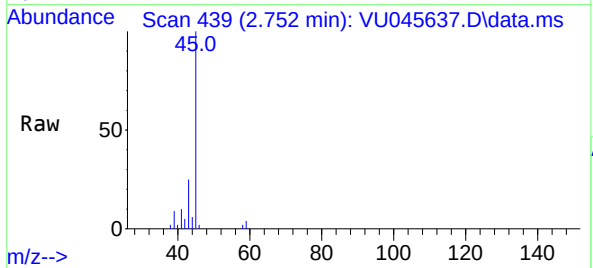




#14
Allyl chloride
Concen: 0.487 ug/l
RT: 2.752 min Scan# 41
Delta R.T. -0.173 min
Lab File: VU045637.D
Acq: 09 Nov 2021 00:22

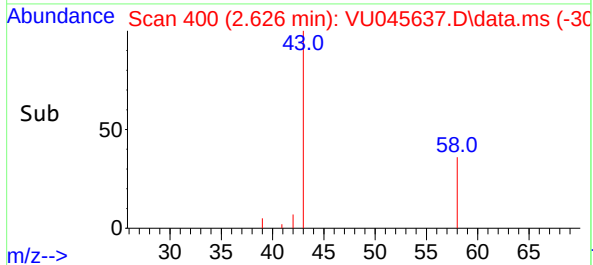
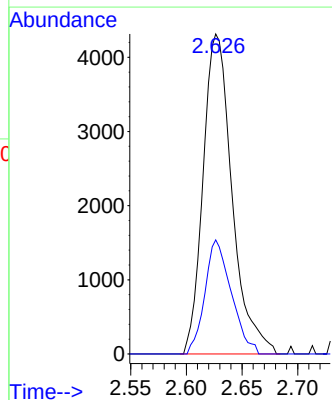
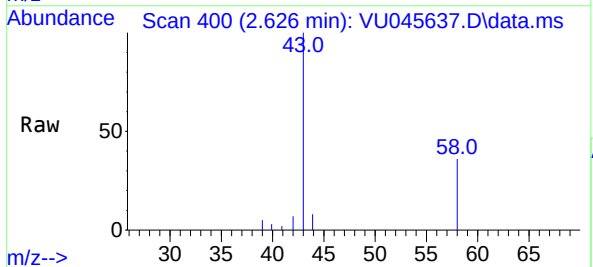
Instrument :
MSVOA_U
ClientSampleId :
MW-3

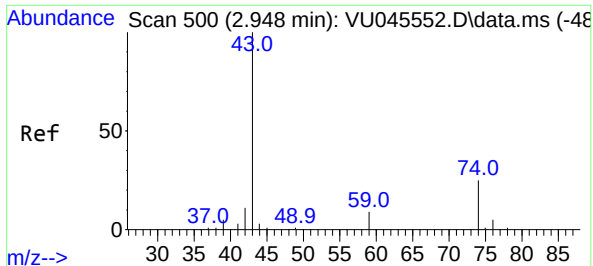
Tgt Ion: 41 Resp: 1430
Ion Ratio Lower Upper
41 100
39 78.4 49.7 74.5#
76 0.0 27.7 41.5#



#16
Acetone
Concen: 6.867 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045637.D
Acq: 09 Nov 2021 00:22

Tgt Ion: 43 Resp: 7823
Ion Ratio Lower Upper
43 100
58 35.7 26.2 39.2

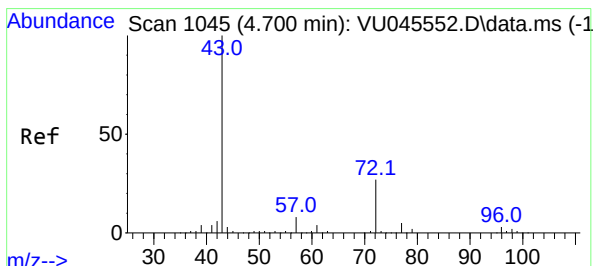
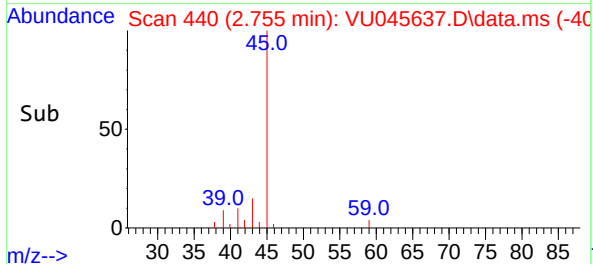
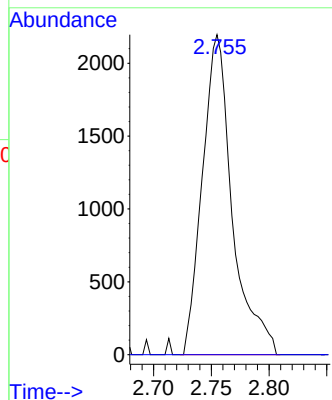
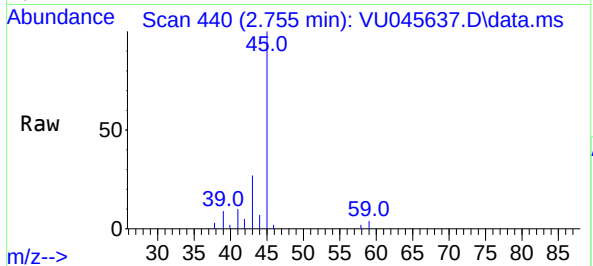




#18
Methyl Acetate
Concen: 1.021 ug/l
RT: 2.755 min Scan# 44
Delta R.T. -0.193 min
Lab File: VU045637.D
Acq: 09 Nov 2021 00:22

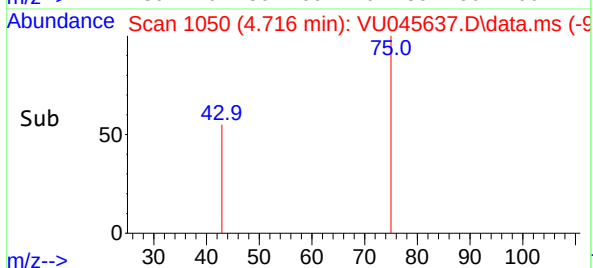
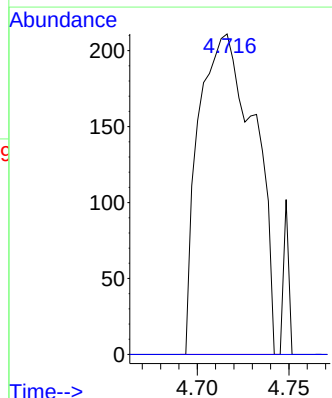
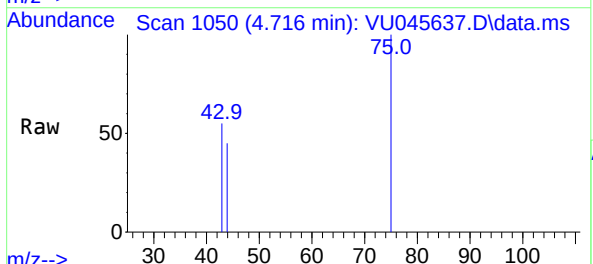
Instrument :
MSVOA_U
ClientSampleId :
MW-3

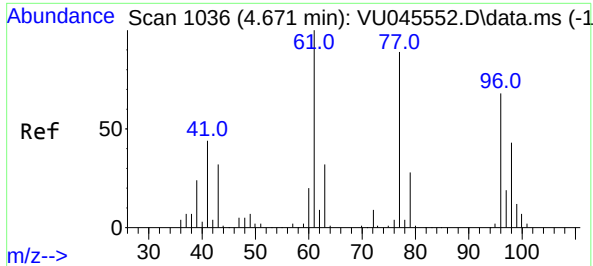
Tgt Ion: 43 Resp: 3963
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#25
2-Butanone
Concen: 0.282 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.016 min
Lab File: VU045637.D
Acq: 09 Nov 2021 00:22

Tgt Ion: 43 Resp: 446
Ion Ratio Lower Upper
43 100
72 0.0 22.0 33.0#

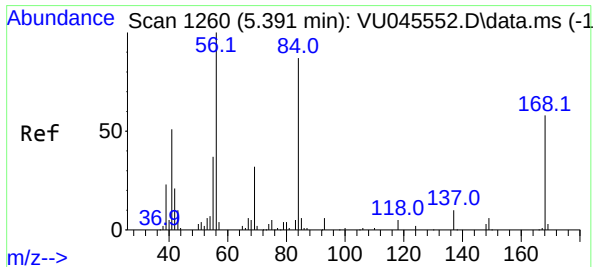
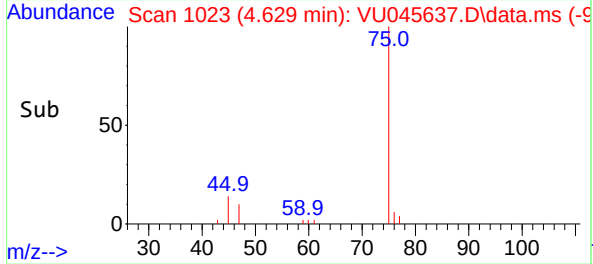
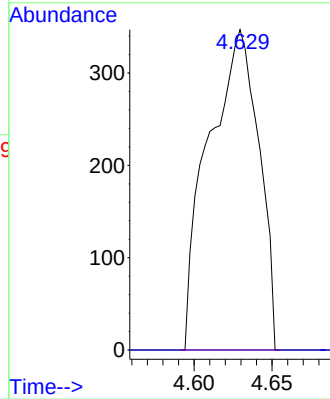
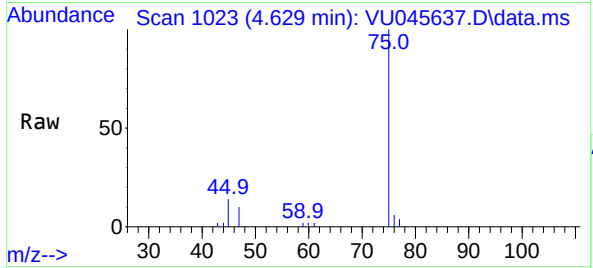




#26
2,2-Dichloropropane
Concen: 0.273 ug/l
RT: 4.629 min Scan# 10
Delta R.T. -0.042 min
Lab File: VU045637.D
Acq: 09 Nov 2021 00:22

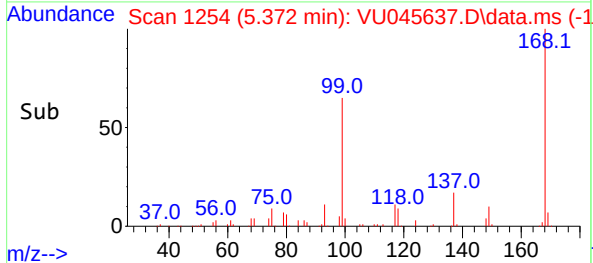
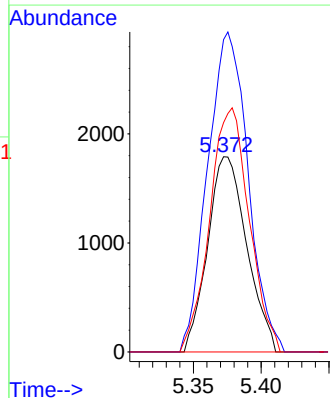
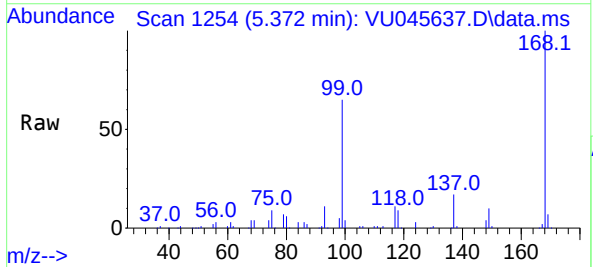
Instrument :
MSVOA_U
ClientSampleId :
MW-3

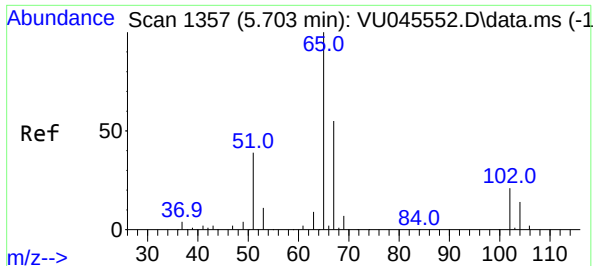
Tgt Ion: 77 Resp: 777
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.1#



#31
Cyclohexane
Concen: 1.101 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.019 min
Lab File: VU045637.D
Acq: 09 Nov 2021 00:22

Tgt Ion: 56 Resp: 3594
Ion Ratio Lower Upper
56 100
69 159.9 26.4 39.6#
84 117.4 68.4 102.6#





#33

1,2-Dichloroethane-d4

Concen: 53.681 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045637.D

Acq: 09 Nov 2021 00:22

Instrument :

MSVOA_U

ClientSampleId :

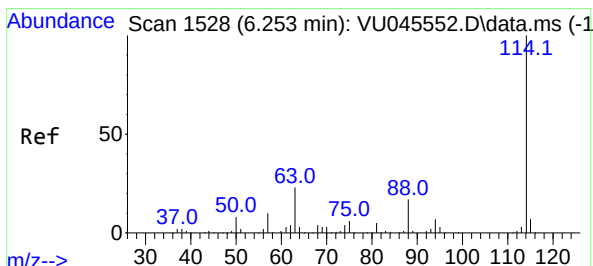
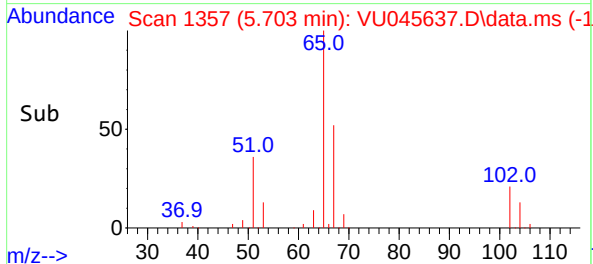
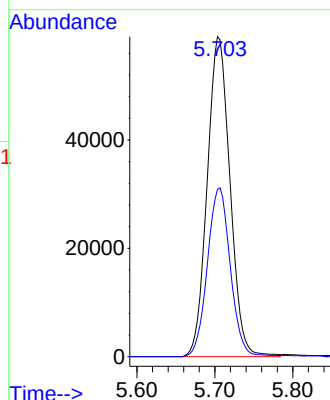
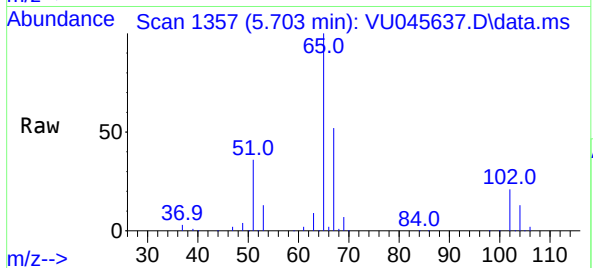
MW-3

Tgt Ion: 65 Resp: 120127

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU045637.D

Acq: 09 Nov 2021 00:22

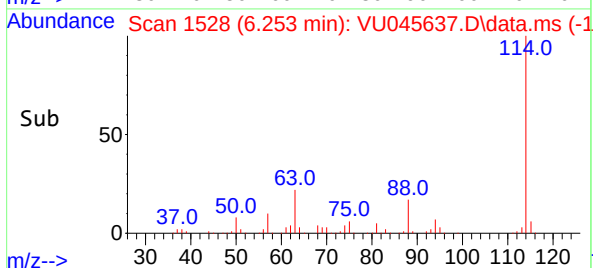
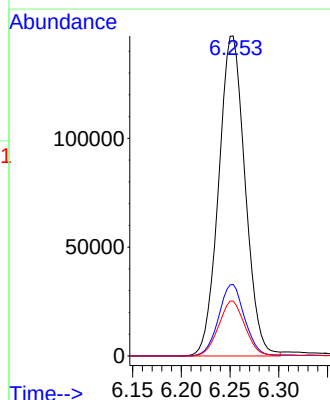
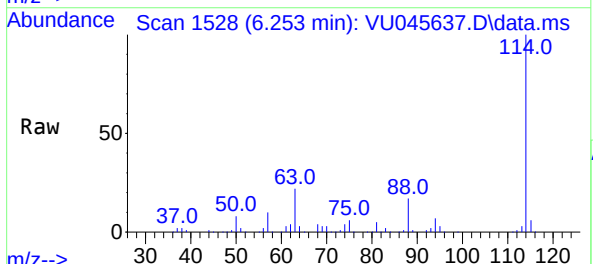
Tgt Ion: 114 Resp: 277623

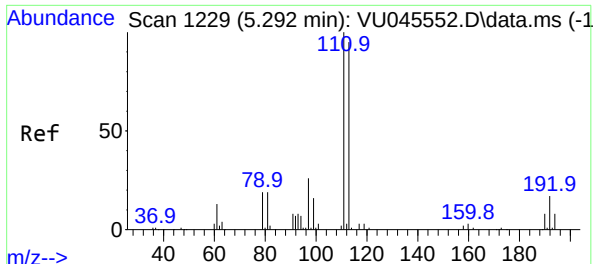
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.6

88 17.1 0.0 33.8



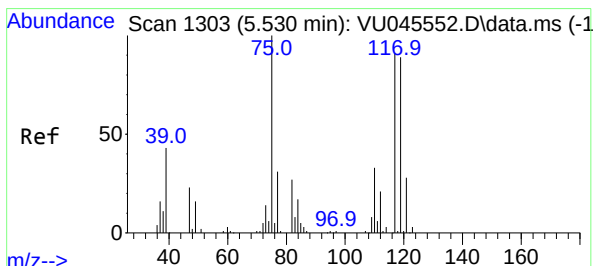
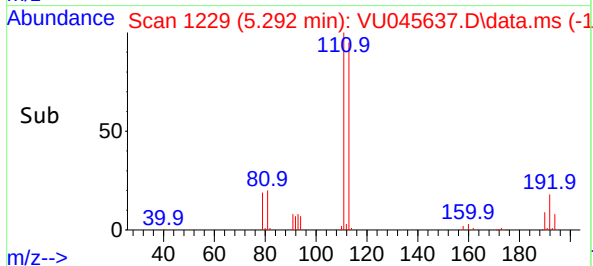
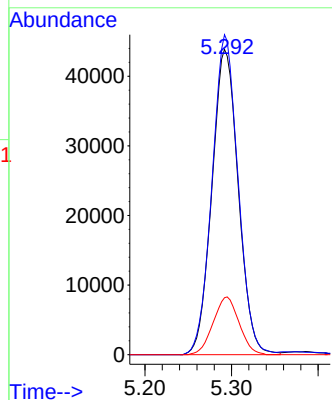
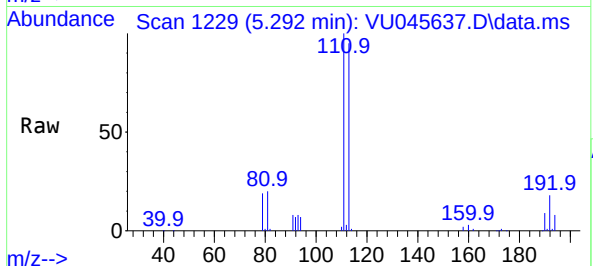


#35
Dibromofluoromethane
Concen: 50.099 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045637.D
Acq: 09 Nov 2021 00:22

Instrument :
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ClientSampleId :
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Tgt Ion:113 Resp: 92861

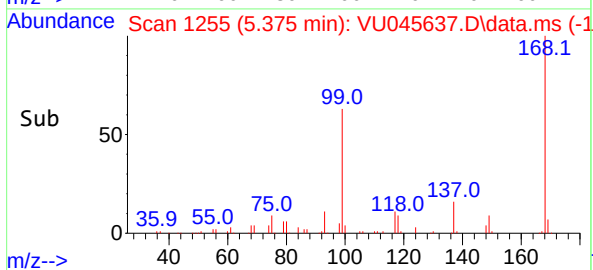
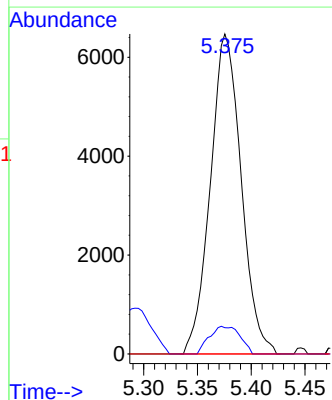
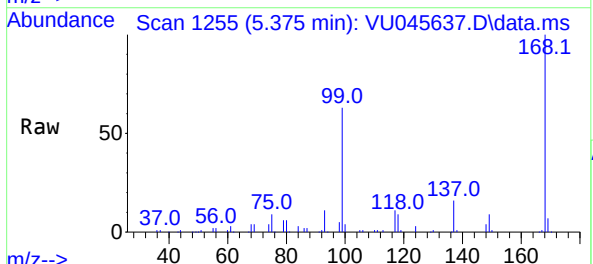
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.8	124.2
192	18.6	14.8	22.2

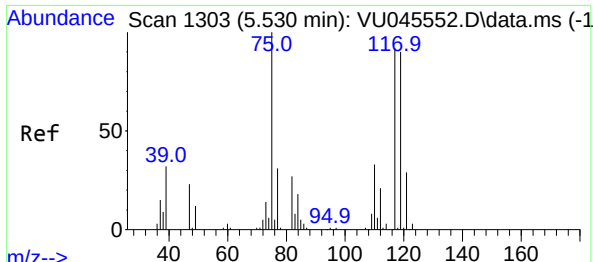


#36
1,1-Dichloropropene
Concen: 4.762 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.154 min
Lab File: VU045637.D
Acq: 09 Nov 2021 00:22

Tgt Ion: 75 Resp: 12892

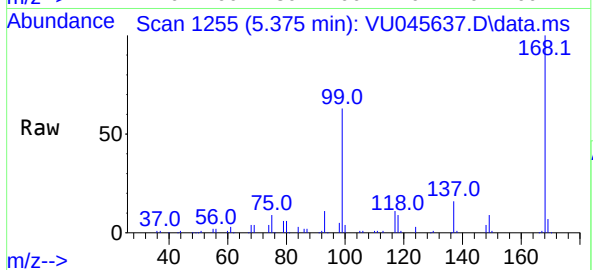
Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.7	50.0#
77	0.0	25.0	37.4#



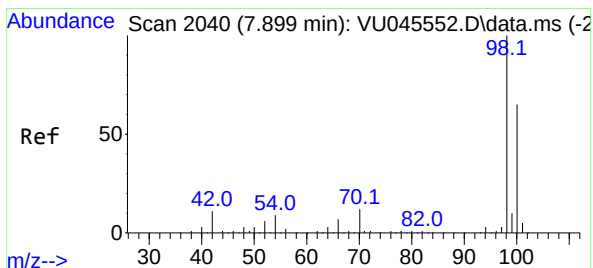
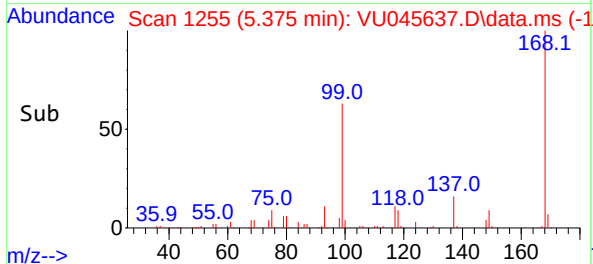
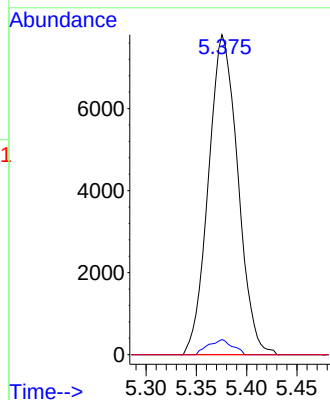


#38
Carbon Tetrachloride
Concen: 5.818 ug/l
RT: 5.375 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU045637.D
Acq: 09 Nov 2021 00:22

Instrument :
MSVOA_U
ClientSampleId :
MW-3

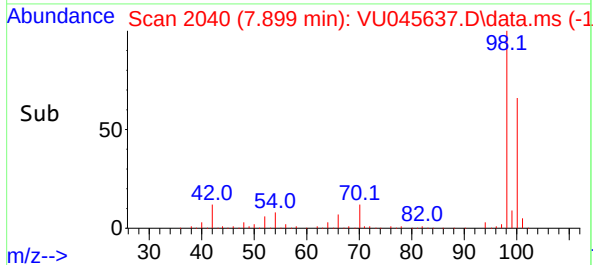
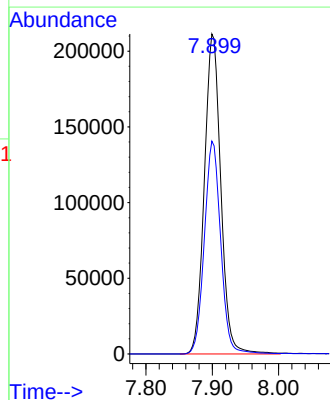
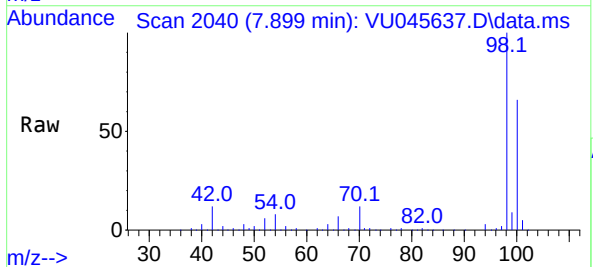


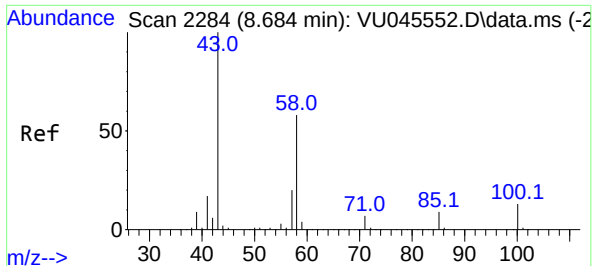
Tgt Ion:117 Resp: 15879
Ion Ratio Lower Upper
117 100
119 4.7 77.4 116.0#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.837 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045637.D
Acq: 09 Nov 2021 00:22

Tgt Ion: 98 Resp: 364170
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7





#59

2-Hexanone

Concen: 7.678 ug/l

RT: 8.690 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU045637.D

Acq: 09 Nov 2021 00:22

Instrument :

MSVOA_U

ClientSampleId :

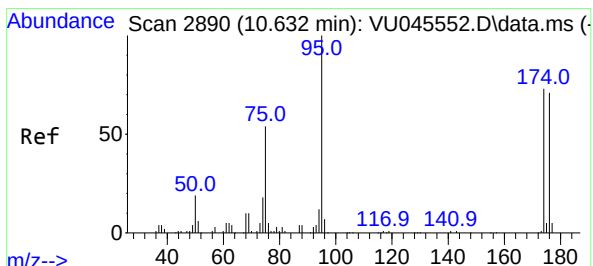
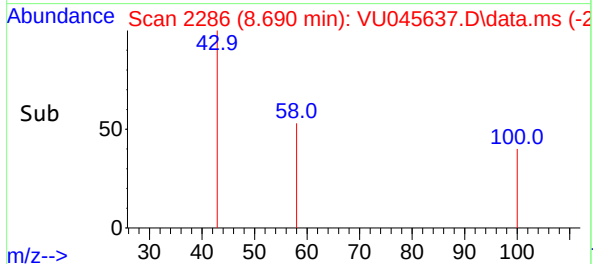
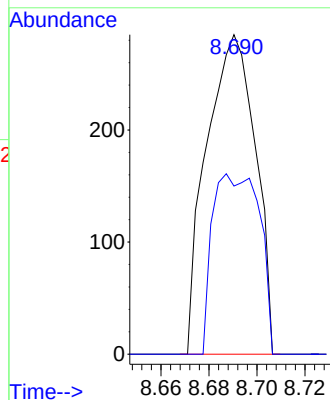
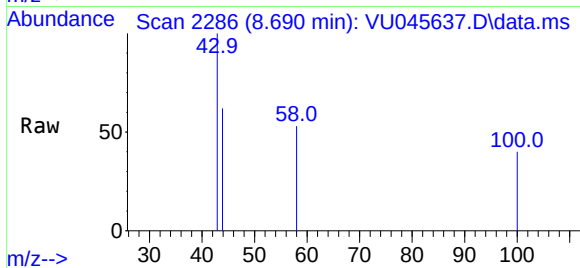
MW-3

Tgt Ion: 43 Resp: 402

Ion Ratio Lower Upper

43 100

58 54.5 29.5 88.6



#62

4-Bromofluorobenzene

Concen: 51.052 ug/l

RT: 10.636 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045637.D

Acq: 09 Nov 2021 00:22

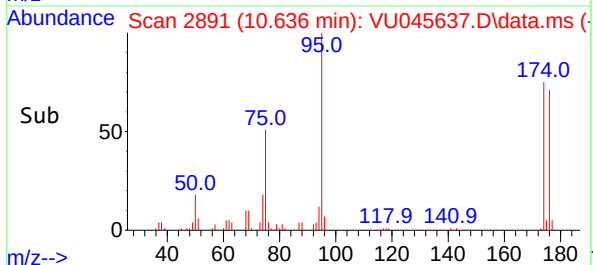
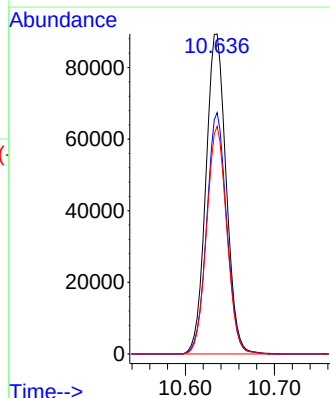
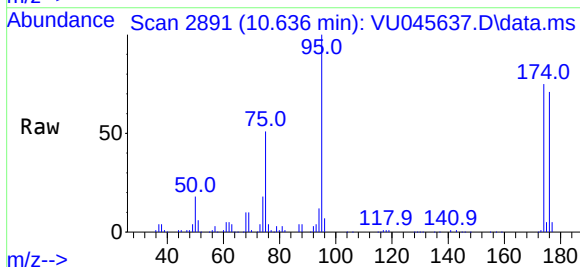
Tgt Ion: 95 Resp: 141097

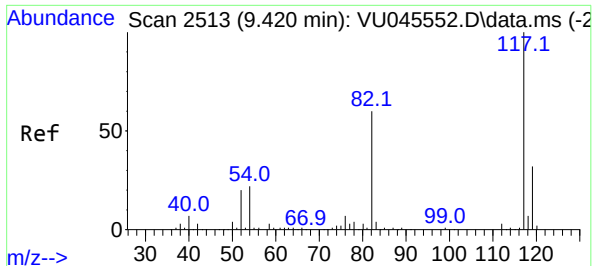
Ion Ratio Lower Upper

95 100

174 74.4 0.0 141.8

176 70.7 0.0 138.2

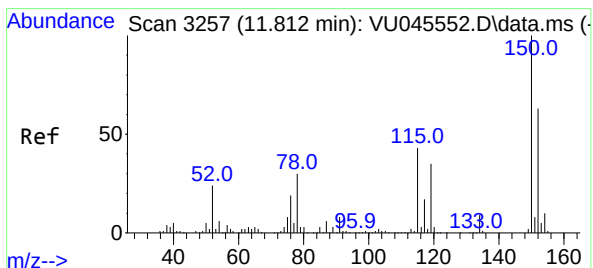
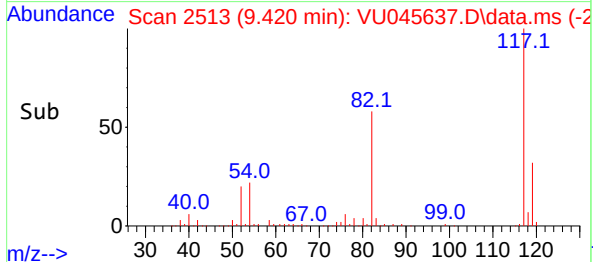
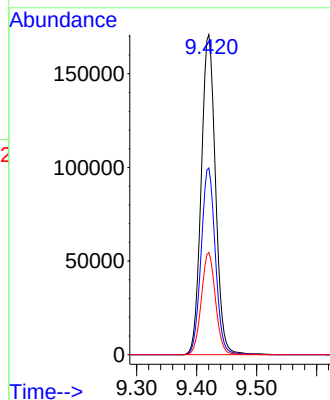
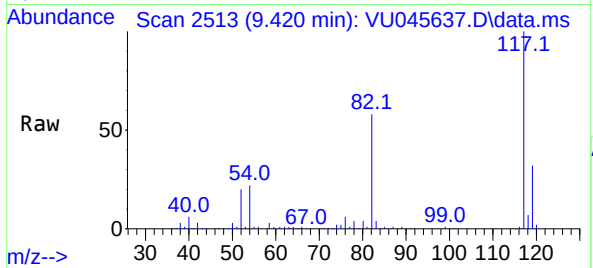




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045637.D
Acq: 09 Nov 2021 00:22

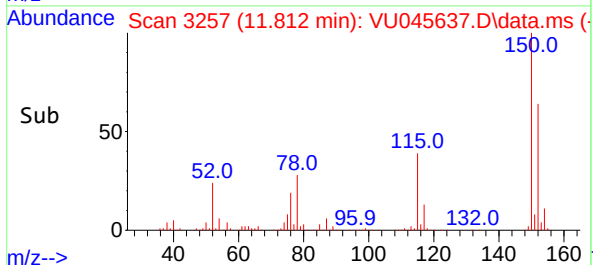
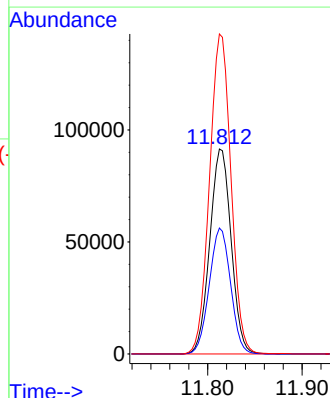
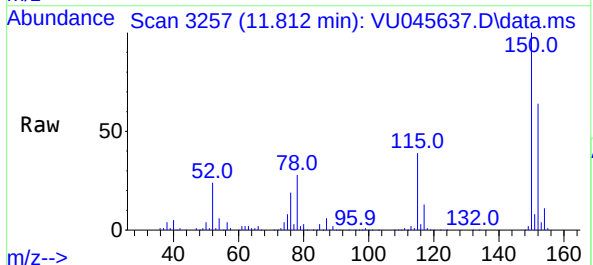
Instrument :
MSVOA_U
ClientSampleId :
MW-3

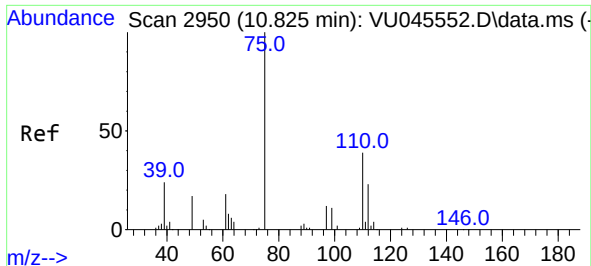
Tgt Ion:117 Resp: 283909
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.8
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045637.D
Acq: 09 Nov 2021 00:22

Tgt Ion:152 Resp: 143730
Ion Ratio Lower Upper
152 100
115 61.1 42.7 128.1
150 156.3 0.0 346.8

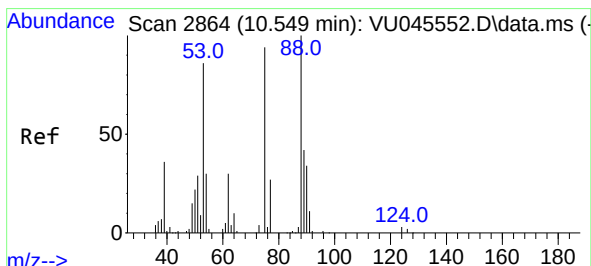
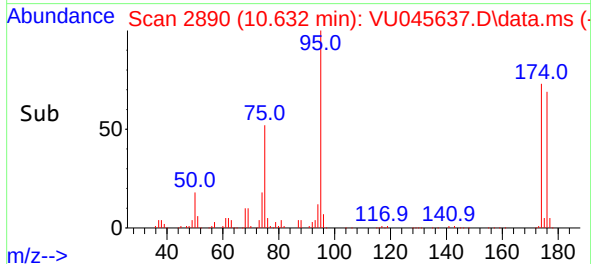
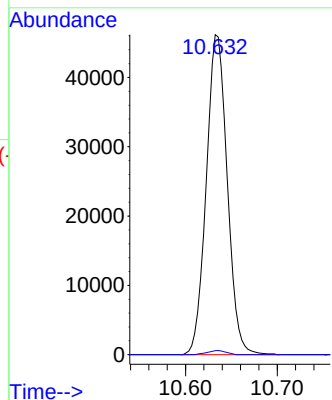
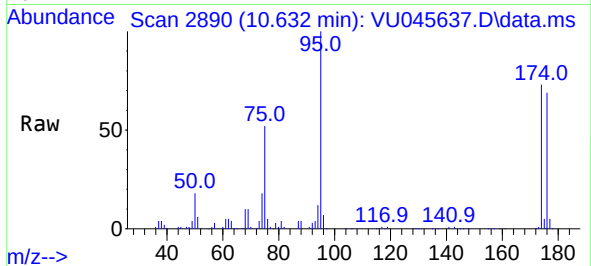




#76
1,2,3-Trichloropropane
Concen: 16.842 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.193 min
Lab File: VU045637.D
Acq: 09 Nov 2021 00:22

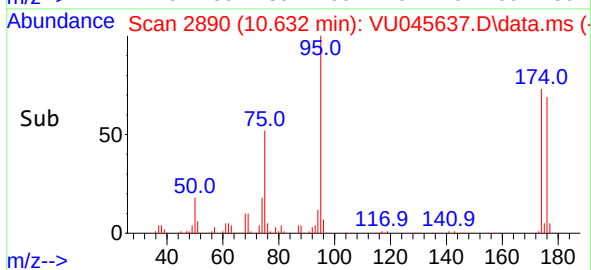
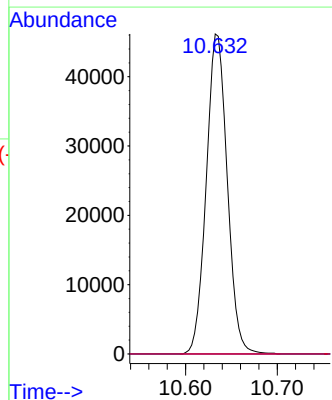
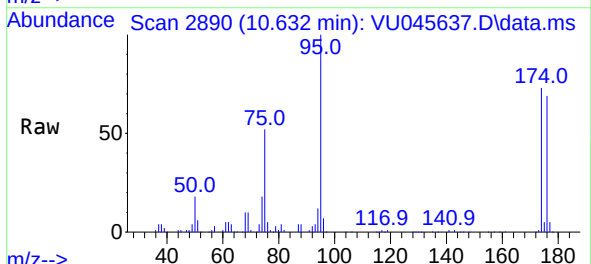
Instrument :
MSVOA_U
ClientSampleId :
MW-3

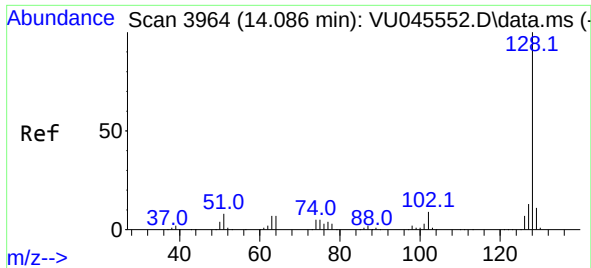
Tgt Ion: 75 Resp: 73410
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.864 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.083 min
Lab File: VU045637.D
Acq: 09 Nov 2021 00:22

Tgt Ion: 75 Resp: 73410
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.141 ug/l

RT: 14.089 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VU045637.D

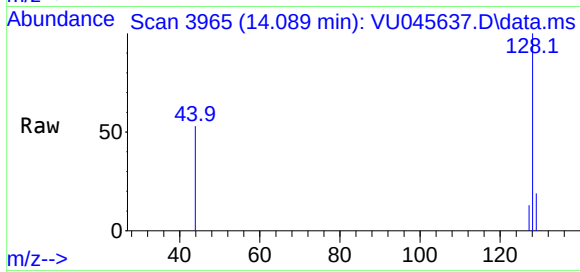
Acq: 09 Nov 2021 00:22

Instrument :

MSVOA_U

ClientSampleId :

MW-3



Tgt Ion:128 Resp: 1328

Ion Ratio Lower Upper

128 100

127 5.9 10.6 15.8#

129 5.6 8.6 13.0#

