

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045612.D
 Acq On : 08 Nov 2021 14:00
 Operator : SY/MD
 Sample : M4571-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

Quant Time: Nov 09 09:55:52 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)

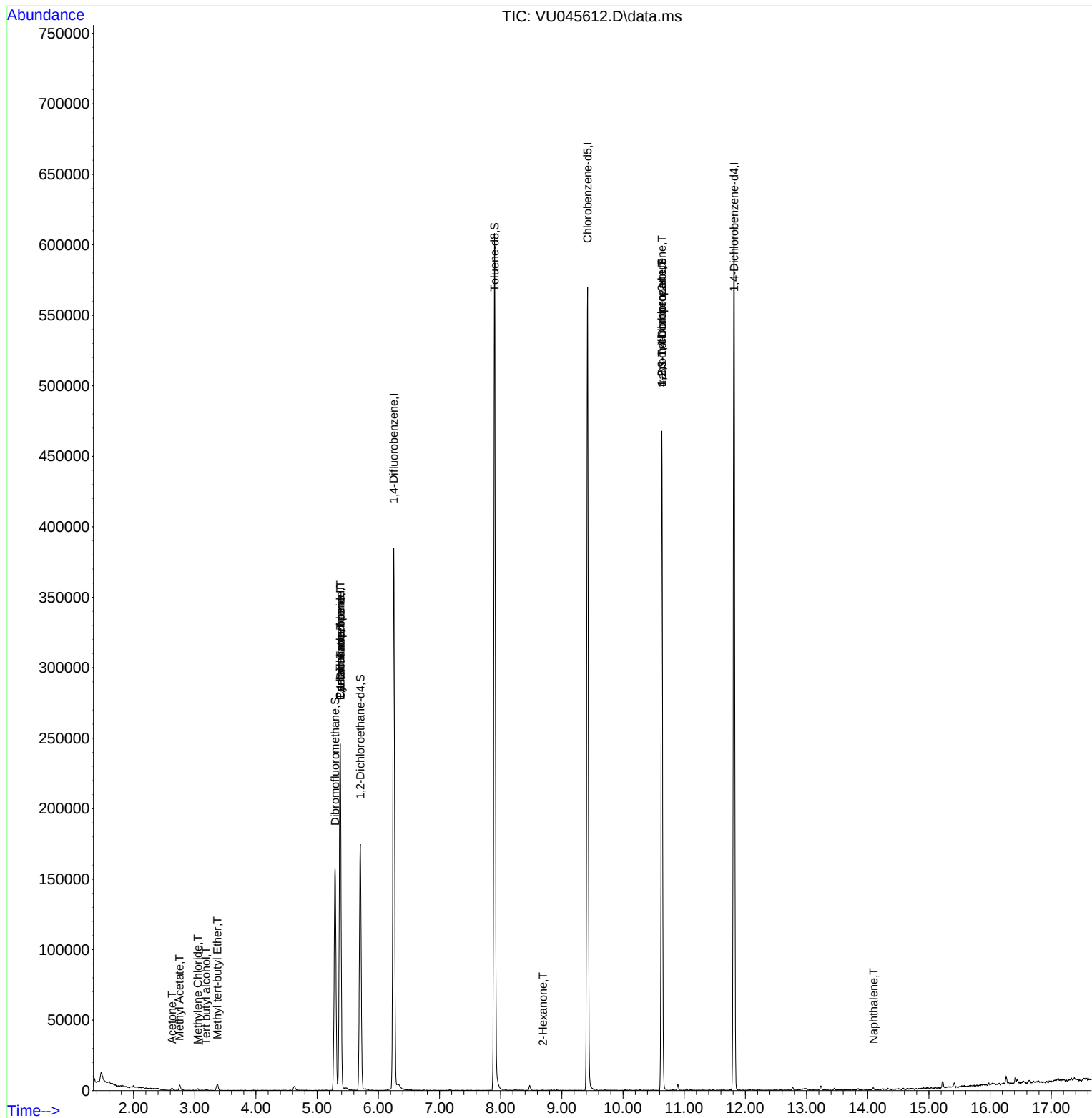
Internal Standards						
1) Pentafluorobenzene	5.379	168	164075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	306561	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	311213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	160204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	131507	53.519	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.040%	
35) Dibromofluoromethane	5.295	113	102259	49.962	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.920%	
50) Toluene-d8	7.899	98	405990	53.344	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.680%	
62) 4-Bromofluorobenzene	10.636	95	156650	51.329	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.183	59	358	0.736	ug/l #	72
16) Acetone	2.629	43	2053	1.641	ug/l	95
18) Methyl Acetate	2.752	43	1028	0.241	ug/l #	50
19) Methyl tert-butyl Ether	3.369	73	5202	0.801	ug/l	97
20) Methylene Chloride	3.051	84	545	0.251	ug/l #	79
31) Cyclohexane	5.379	56	3543	0.988	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	14207	4.753	ug/l #	50
38) Carbon Tetrachloride	5.379	117	17226	5.716	ug/l #	16
59) 2-Hexanone	8.690	43	128	7.576	ug/l #	42
76) 1,2,3-Trichloropropane	10.636	75	81817	16.841	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.636	75	81817	54.859	ug/l #	12
95) Naphthalene	14.095	128	1868	1.170	ug/l #	88

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

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Response via : Initial Calibration

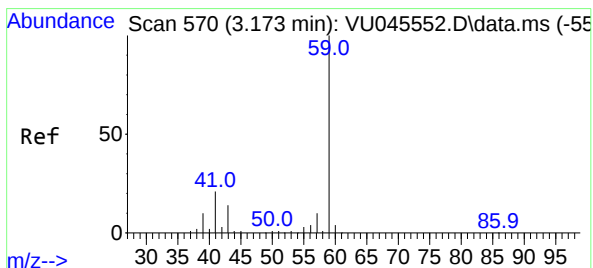
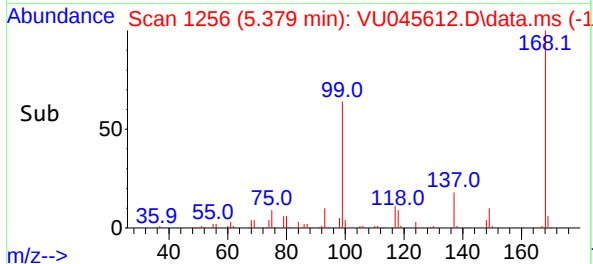
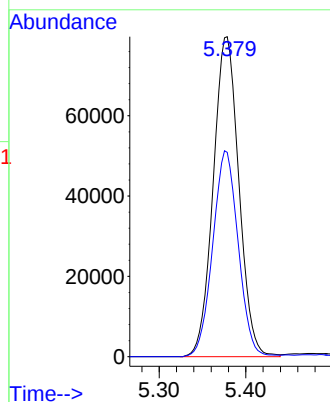
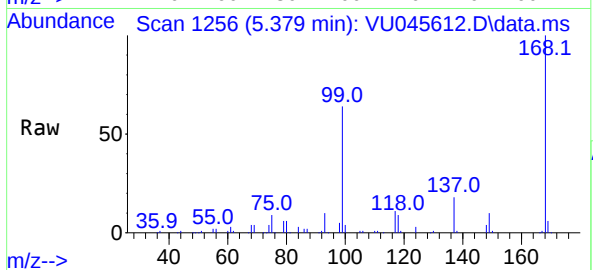




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045612.D
Acq: 08 Nov 2021 14:00

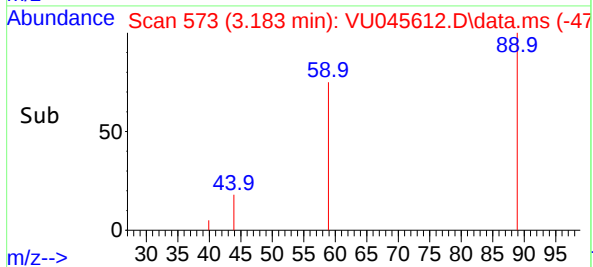
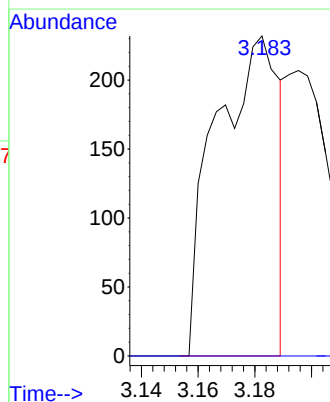
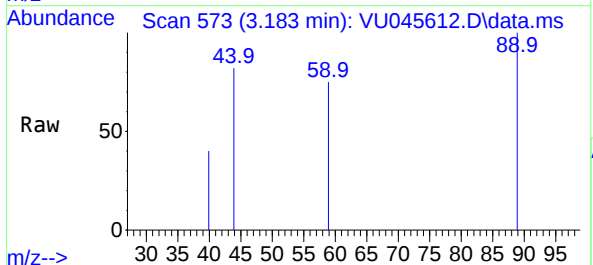
Instrument :
MSVOA_U
ClientSampleId :
MW-3

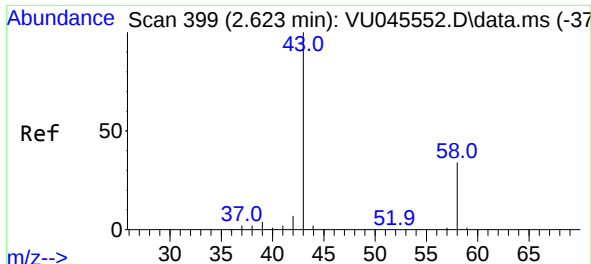
Tgt Ion:168 Resp: 164075
Ion Ratio Lower Upper
168 100
99 63.8 51.0 76.6



#11
Tert butyl alcohol
Concen: 0.736 ug/l
RT: 3.183 min Scan# 573
Delta R.T. 0.010 min
Lab File: VU045612.D
Acq: 08 Nov 2021 14:00

Tgt Ion: 59 Resp: 358
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

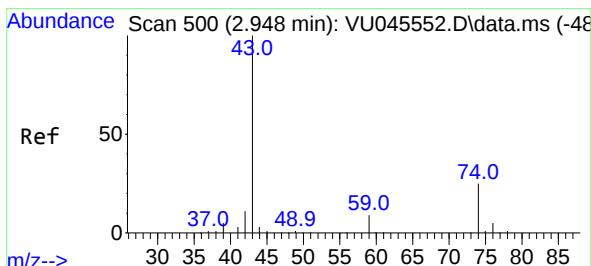
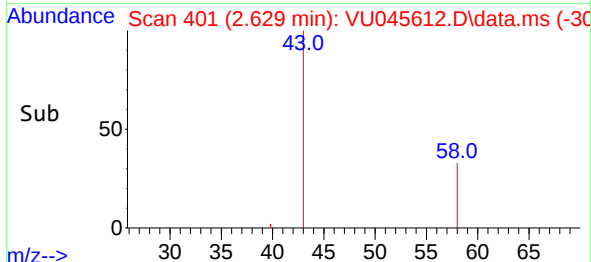
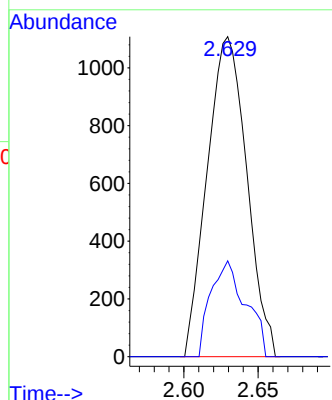
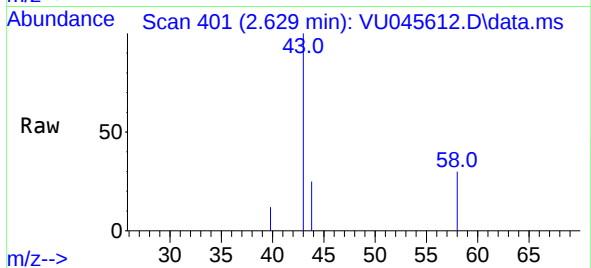




#16
Acetone
Concen: 1.641 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU045612.D
Acq: 08 Nov 2021 14:00

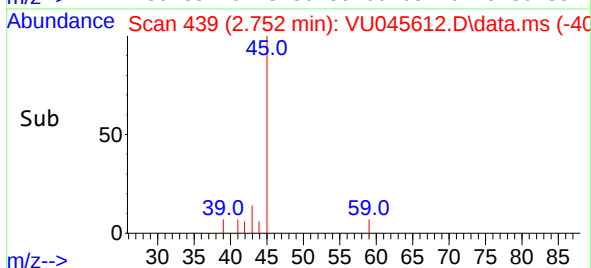
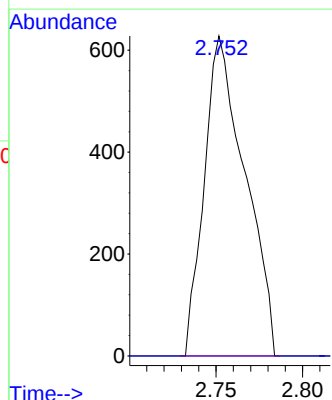
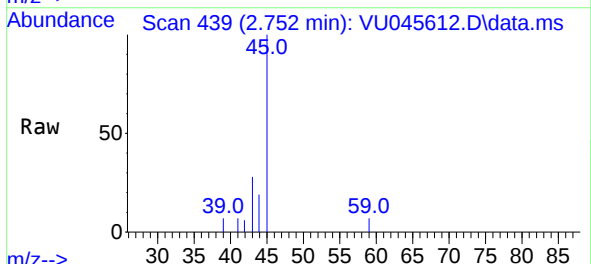
Instrument :
MSVOA_U
ClientSampleId :
MW-3

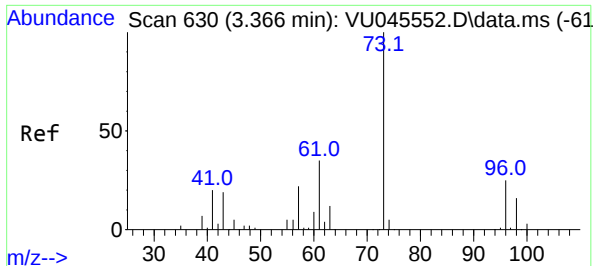
Tgt Ion: 43 Resp: 2053
Ion Ratio Lower Upper
43 100
58 30.0 26.2 39.2



#18
Methyl Acetate
Concen: 0.241 ug/l
RT: 2.752 min Scan# 439
Delta R.T. -0.196 min
Lab File: VU045612.D
Acq: 08 Nov 2021 14:00

Tgt Ion: 43 Resp: 1028
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#





#19

Methyl tert-butyl Ether

Concen: 0.801 ug/l

RT: 3.369 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU045612.D

Acq: 08 Nov 2021 14:00

Instrument :

MSVOA_U

ClientSampleId :

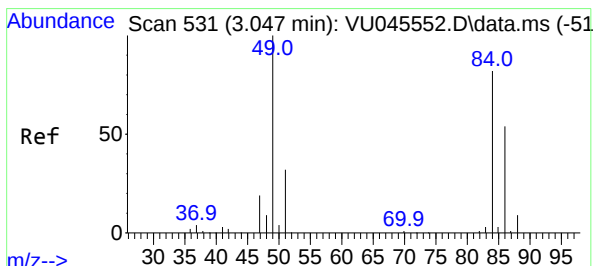
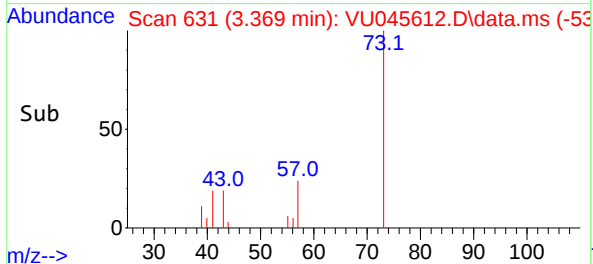
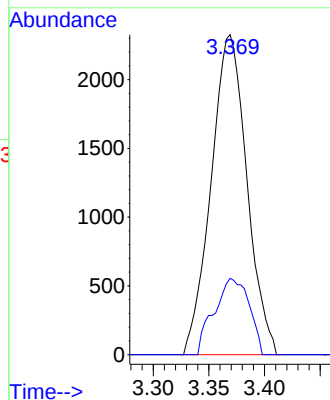
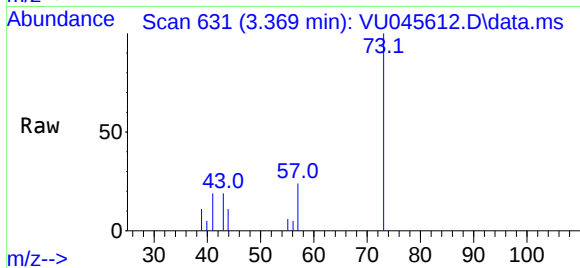
MW-3

Tgt Ion: 73 Resp: 5202

Ion Ratio Lower Upper

73 100

57 23.9 18.1 27.1



#20

Methylene Chloride

Concen: 0.251 ug/l

RT: 3.051 min Scan# 532

Delta R.T. 0.003 min

Lab File: VU045612.D

Acq: 08 Nov 2021 14:00

Tgt Ion: 84 Resp: 545

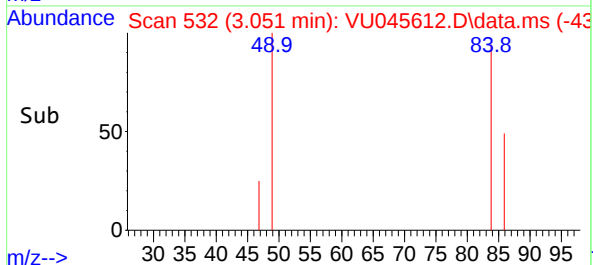
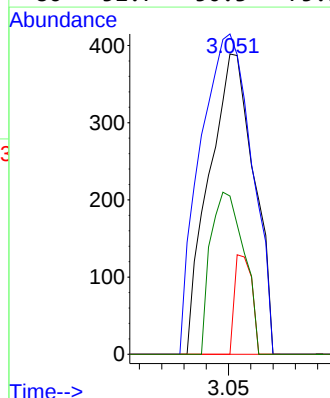
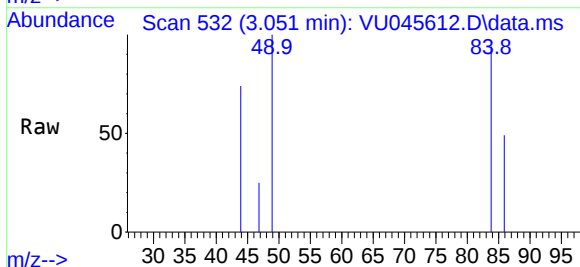
Ion Ratio Lower Upper

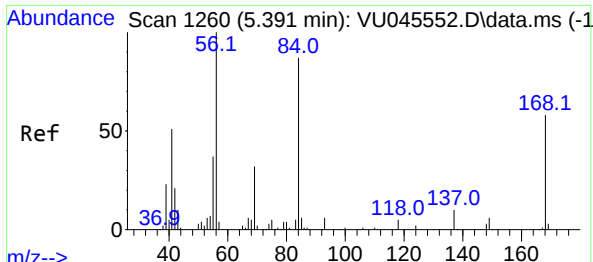
84 100

49 106.7 96.4 144.6

51 0.0 30.5 45.7#

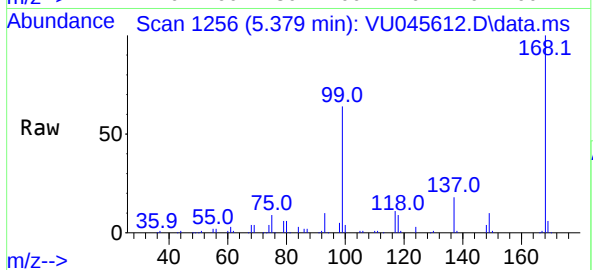
86 52.7 50.3 75.5



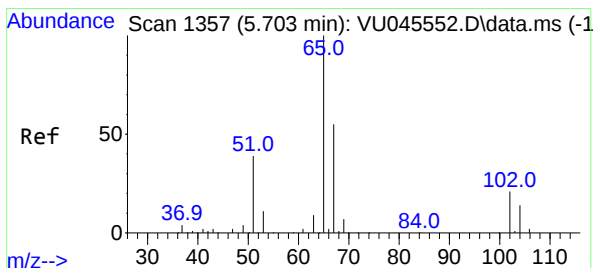
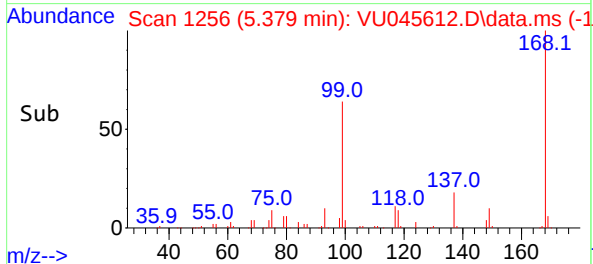
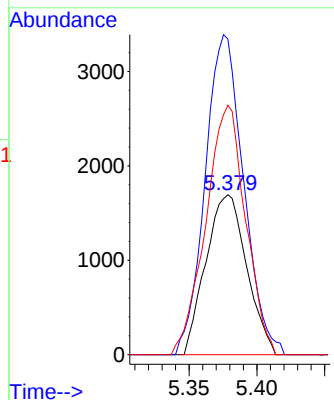


#31
Cyclohexane
Concen: 0.988 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU045612.D
Acq: 08 Nov 2021 14:00

Instrument :
MSVOA_U
ClientSampleId :
MW-3

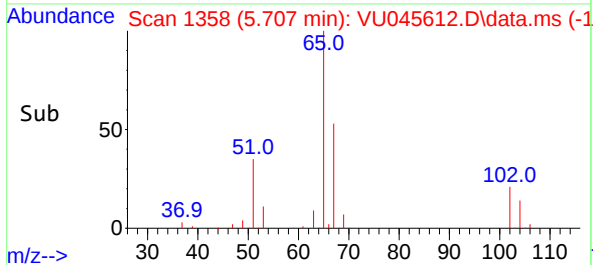
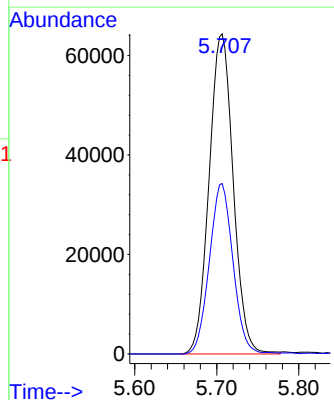
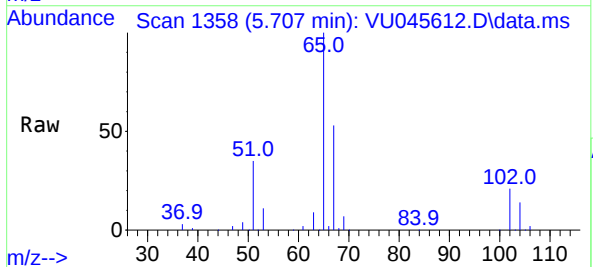


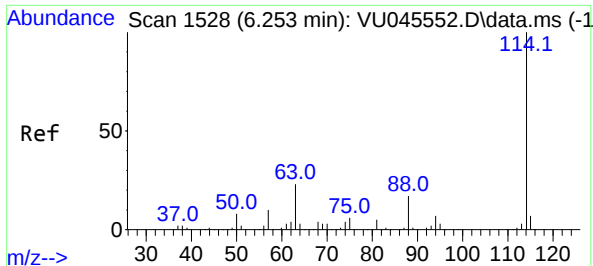
Tgt Ion: 56 Resp: 3543
Ion Ratio Lower Upper
56 100
69 190.0 26.4 39.6#
84 155.8 68.4 102.6#



#33
1,2-Dichloroethane-d4
Concen: 53.519 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045612.D
Acq: 08 Nov 2021 14:00

Tgt Ion: 65 Resp: 131507
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.8



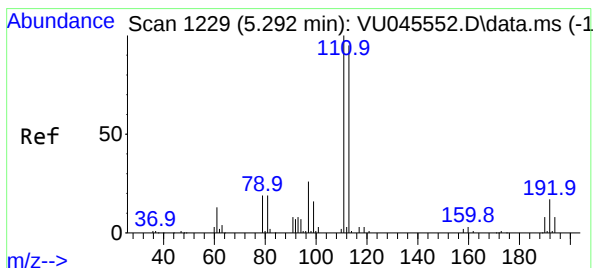
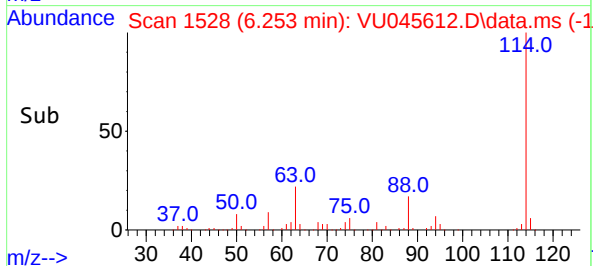
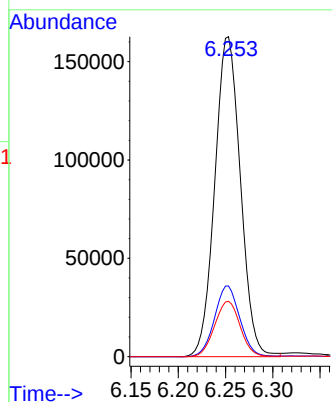
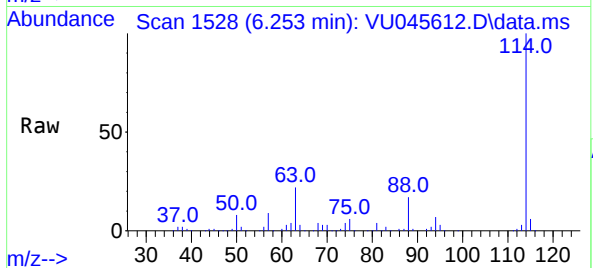


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045612.D
Acq: 08 Nov 2021 14:00

Instrument :
MSVOA_U
ClientSampleId :
MW-3

Tgt Ion:114 Resp: 306561

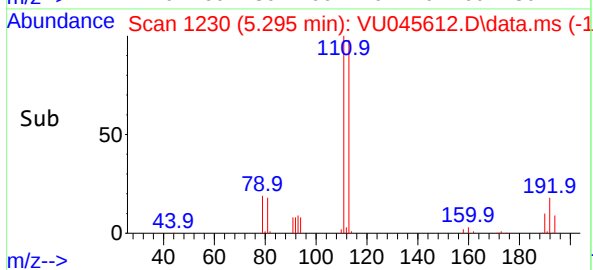
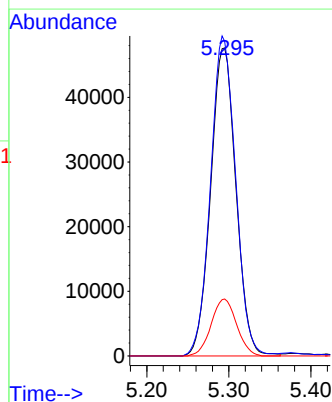
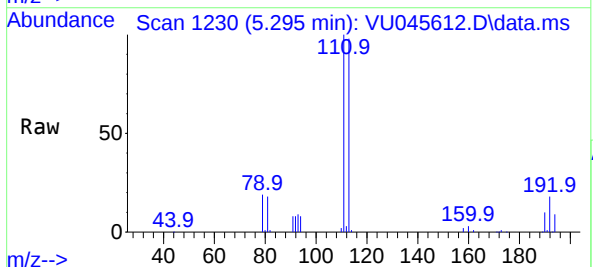
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.6
88	17.3	0.0	33.8

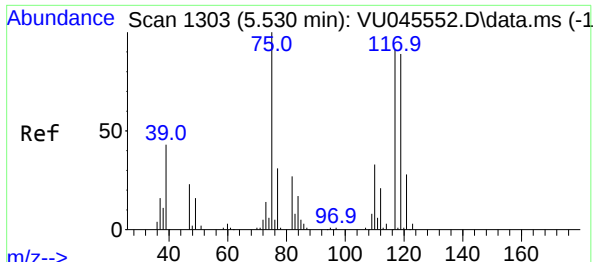


#35
Dibromofluoromethane
Concen: 49.962 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU045612.D
Acq: 08 Nov 2021 14:00

Tgt Ion:113 Resp: 102259

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	18.6	14.8	22.2

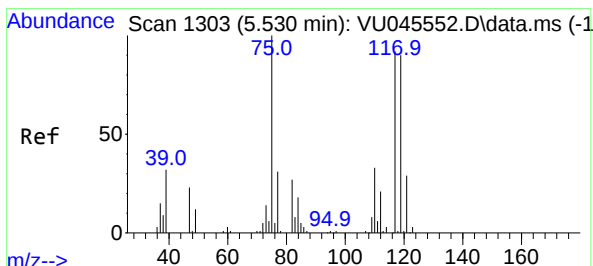
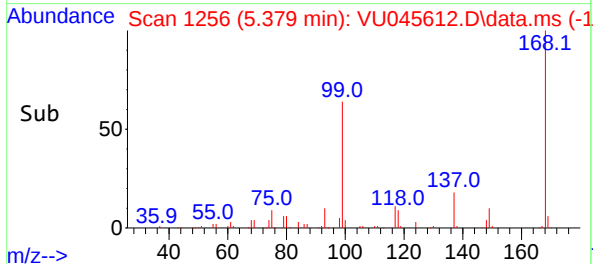
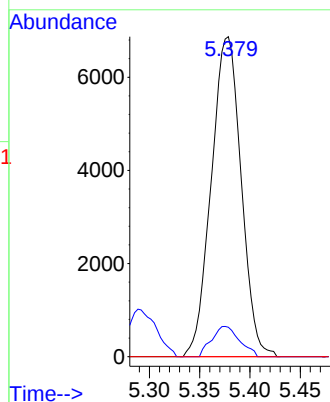
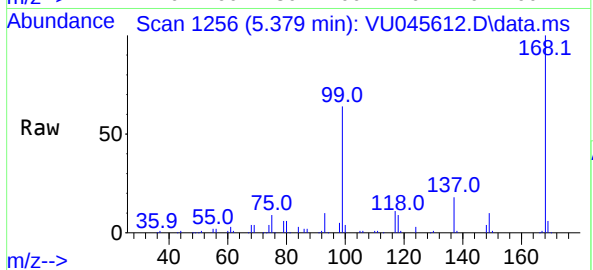




#36
1,1-Dichloropropene
Concen: 4.753 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045612.D
Acq: 08 Nov 2021 14:00

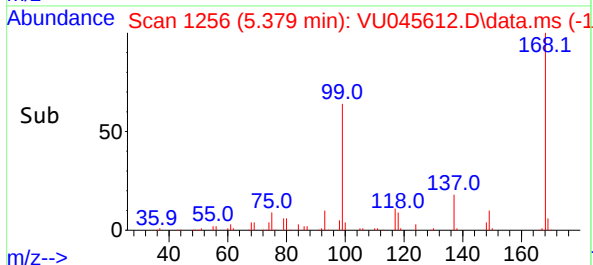
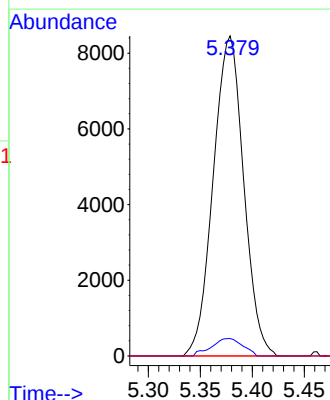
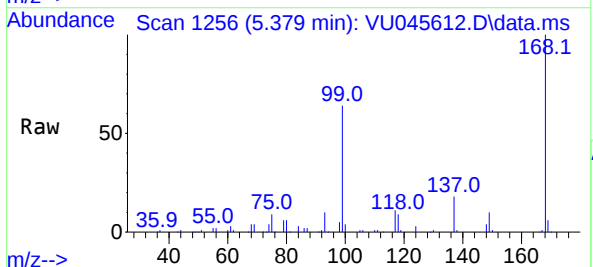
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ClientSampleId : MW-3

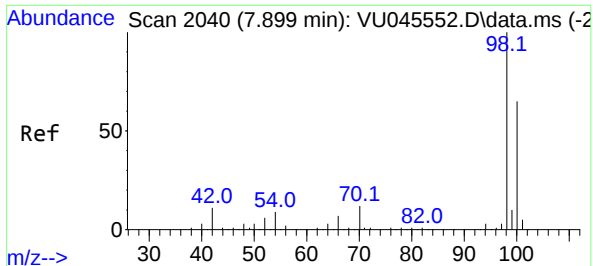
Tgt Ion: 75 Resp: 14207
Ion Ratio Lower Upper
75 100
110 8.8 16.7 50.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.716 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.151 min
Lab File: VU045612.D
Acq: 08 Nov 2021 14:00

Tgt Ion:117 Resp: 17226
Ion Ratio Lower Upper
117 100
119 5.5 77.4 116.0#
121 0.0 24.8 37.2#

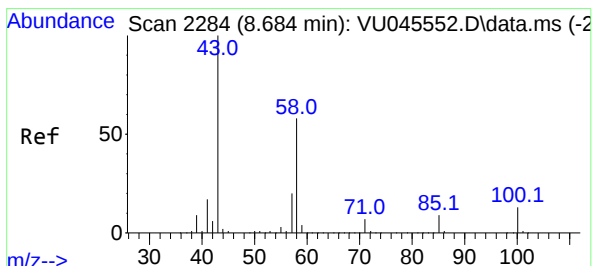
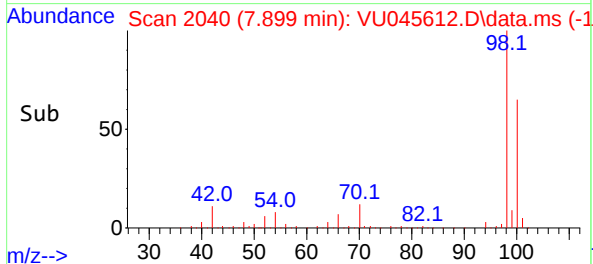
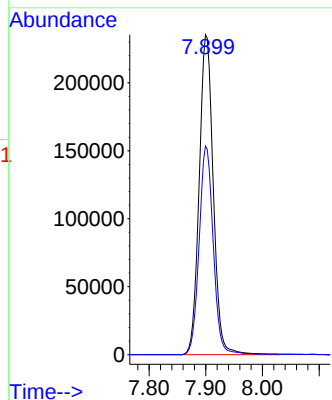
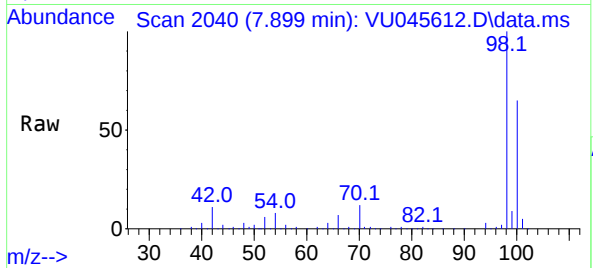




#50
Toluene-d8
Concen: 53.344 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045612.D
Acq: 08 Nov 2021 14:00

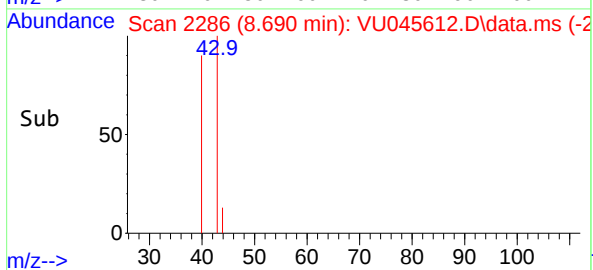
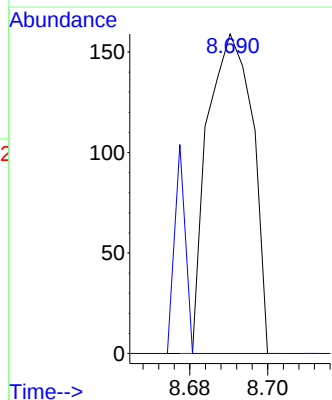
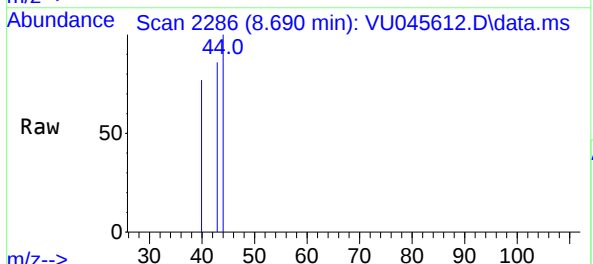
Instrument :
MSVOA_U
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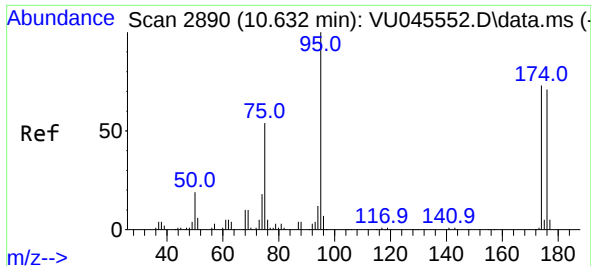
Tgt Ion: 98 Resp: 405990
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#59
2-Hexanone
Concen: 7.576 ug/l
RT: 8.690 min Scan# 2286
Delta R.T. 0.006 min
Lab File: VU045612.D
Acq: 08 Nov 2021 14:00

Tgt Ion: 43 Resp: 128
Ion Ratio Lower Upper
43 100
58 15.6 29.5 88.6#

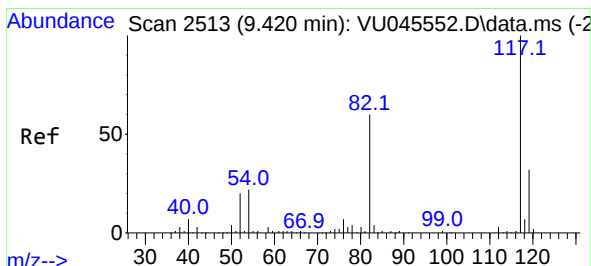
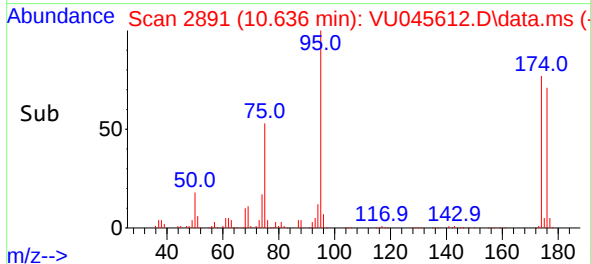
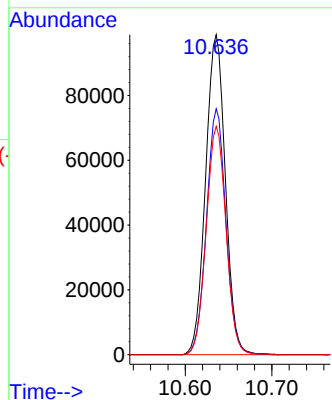
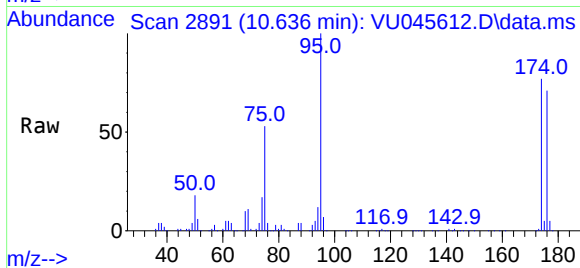




#62
4-Bromofluorobenzene
Concen: 51.329 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045612.D
Acq: 08 Nov 2021 14:00

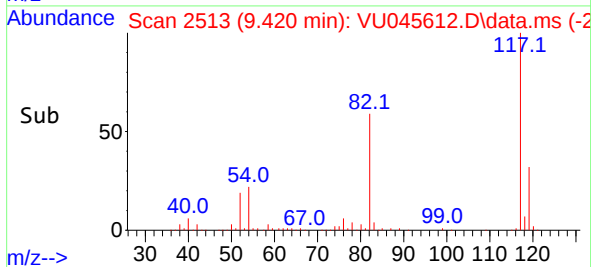
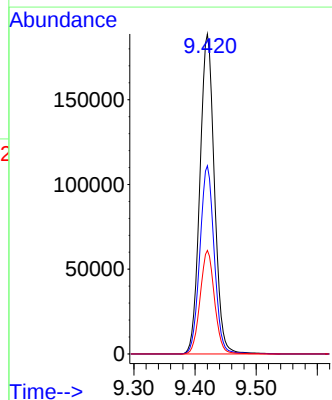
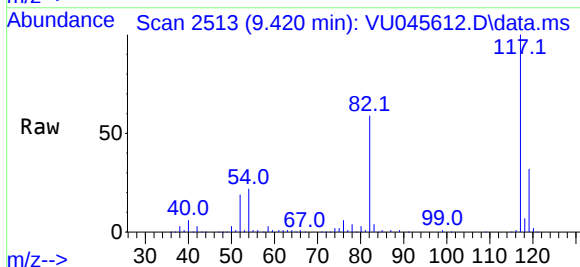
Instrument :
MSVOA_U
ClientSampleId :
MW-3

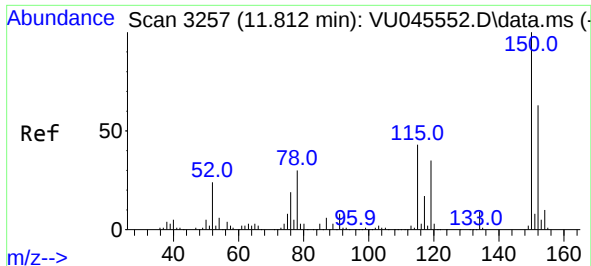
Tgt Ion: 95 Resp: 156650
Ion Ratio Lower Upper
95 100
174 75.6 0.0 141.8
176 71.3 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045612.D
Acq: 08 Nov 2021 14:00

Tgt Ion: 117 Resp: 311213
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.8
119 32.4 25.8 38.8

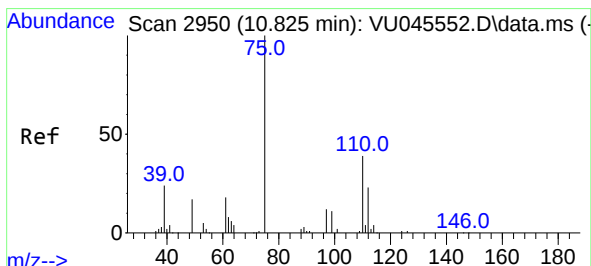
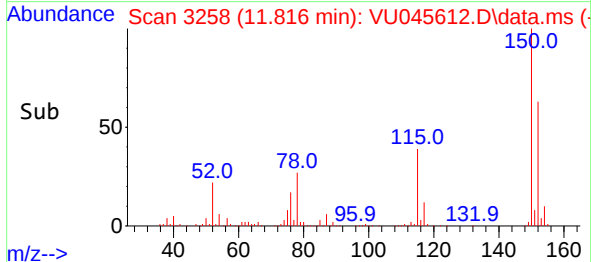
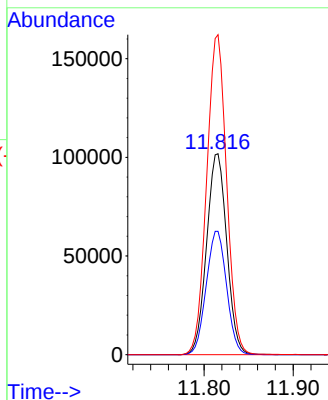
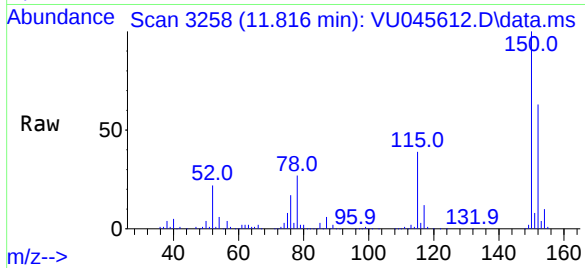




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045612.D
 Acq: 08 Nov 2021 14:00

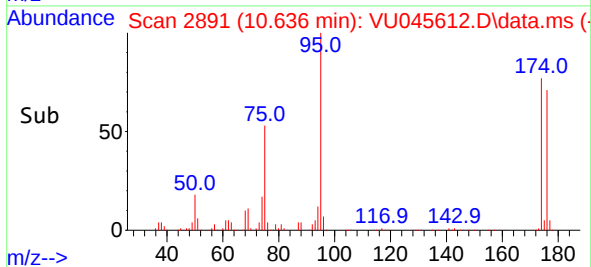
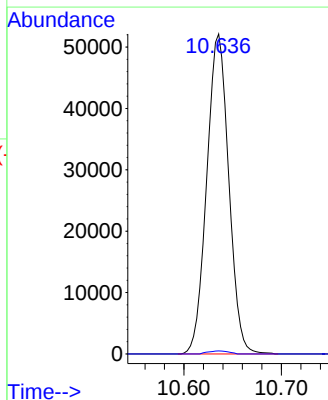
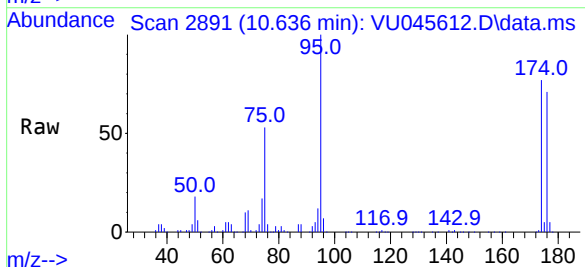
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

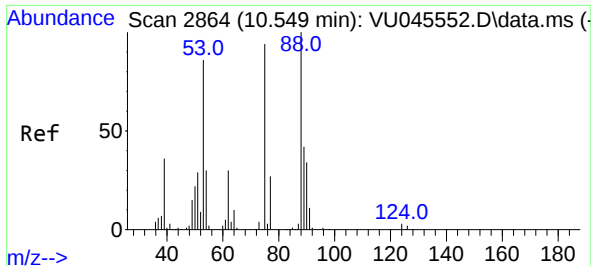
Tgt Ion:152 Resp: 160204
 Ion Ratio Lower Upper
 152 100
 115 62.0 42.7 128.1
 150 157.0 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 16.841 ug/l
 RT: 10.636 min Scan# 2891
 Delta R.T. -0.190 min
 Lab File: VU045612.D
 Acq: 08 Nov 2021 14:00

Tgt Ion: 75 Resp: 81817
 Ion Ratio Lower Upper
 75 100
 77 0.9 17.1 51.3#

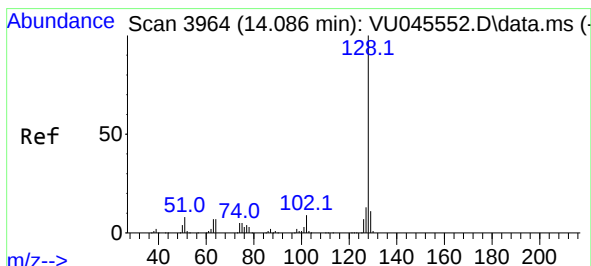
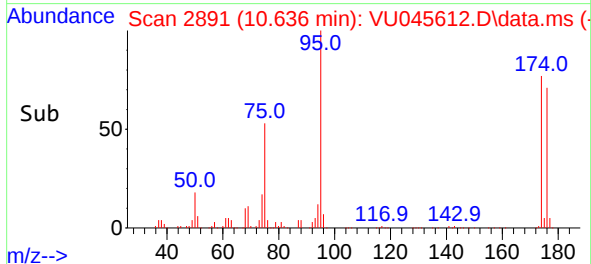
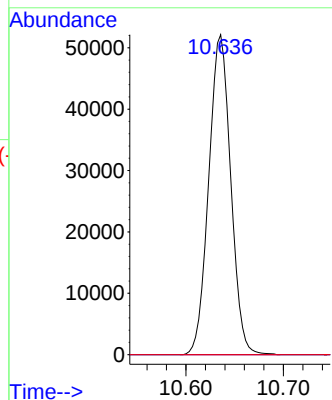
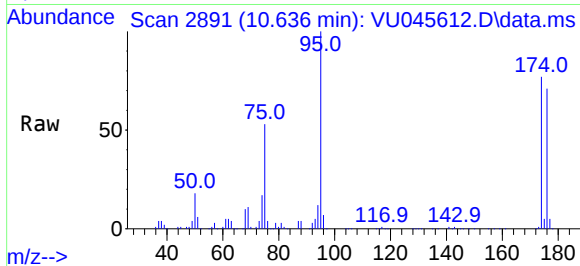




#81
trans-1,4-Dichloro-2-butene
Concen: 54.859 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU045612.D
Acq: 08 Nov 2021 14:00

Instrument :
MSVOA_U
ClientSampleId :
MW-3

Tgt Ion: 75 Resp: 81817
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#



#95
Naphthalene
Concen: 1.170 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.009 min
Lab File: VU045612.D
Acq: 08 Nov 2021 14:00

Tgt Ion:128 Resp: 1868
Ion Ratio Lower Upper
128 100
127 5.0 10.6 15.8#
129 10.2 8.6 13.0

