

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050721\
 Data File : VU043620.D
 Acq On : 07 May 2021 18:13
 Operator : SY/MD
 Sample : M2303-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

Quant Time: May 08 01:12:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 06 07:26:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

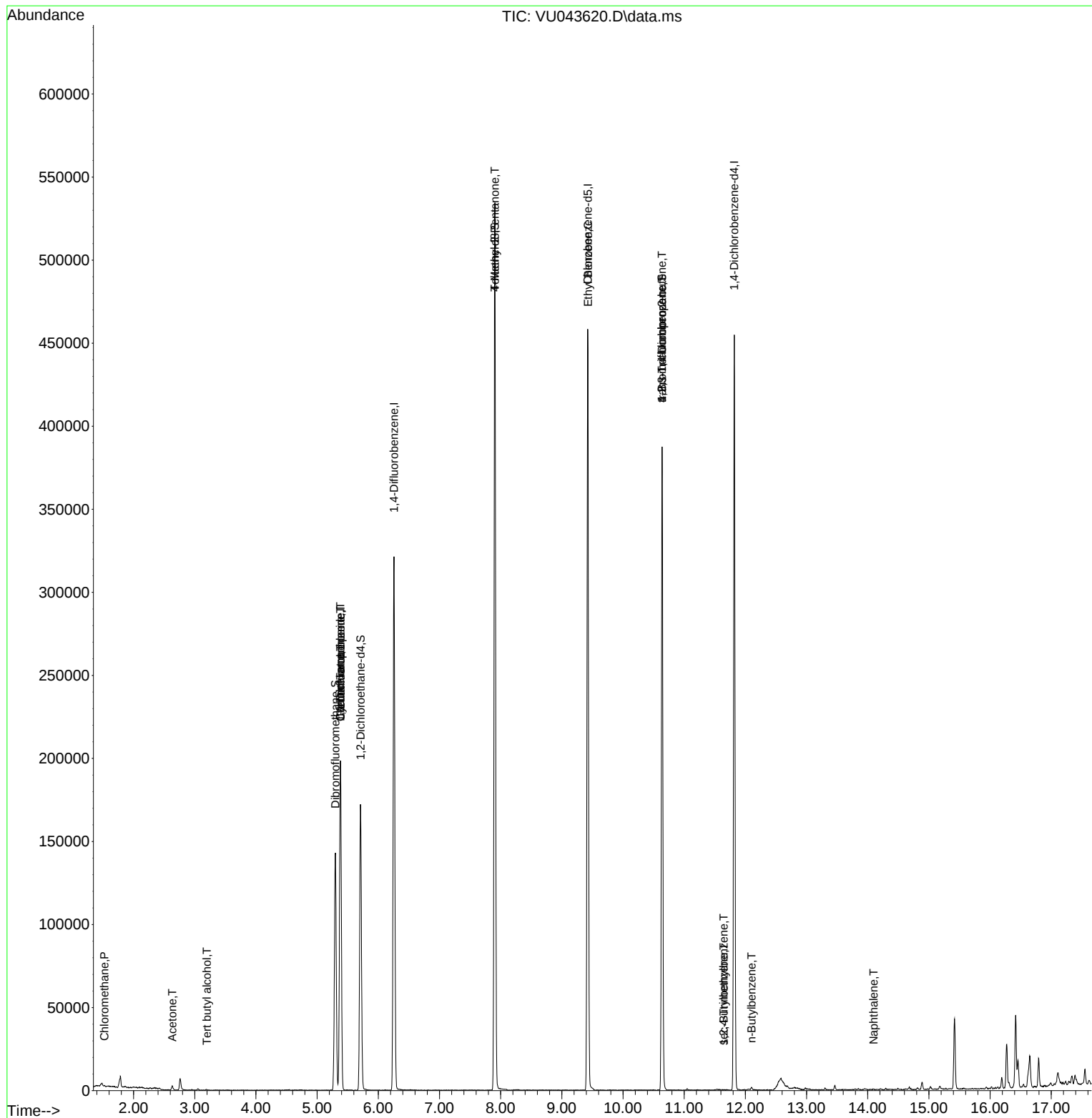
Internal Standards						
1) Pentafluorobenzene	5.382	168	131821	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	234333	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	226781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	106772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	130248	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
35) Dibromofluoromethane	5.298	113	88876	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
50) Toluene-d8	7.906	98	322059	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	10.639	95	117414	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	463	0.50	ug/l #	46
11) Tert butyl alcohol	3.199	59	245	0.34	ug/l #	73
16) Acetone	2.633	43	2874	1.94	ug/l	98
31) Cyclohexane	5.378	56	3585	1.13	ug/l #	12
36) 1,1-Dichloropropene	5.378	75	12096	4.55	ug/l #	50
38) Carbon Tetrachloride	5.378	117	13677	5.07	ug/l #	16
51) 4-Methyl-2-Pentanone	7.906	43	2015	19.53	ug/l #	1
67) Ethyl Benzene	9.427	91	419	1.49	ug/l #	45
76) 1,2,3-Trichloropropane	10.639	75	67133	19.77	ug/l #	42
81) trans-1,4-Dichloro-2-b...	10.639	75	67133	64.40	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.645	105	21	1.11	ug/l #	33
85) sec-Butylbenzene	11.645	105	21	1.34	ug/l #	59
89) n-Butylbenzene	12.102	91	113	2.54	ug/l #	35
95) Naphthalene	14.098	128	316	1.56	ug/l #	69

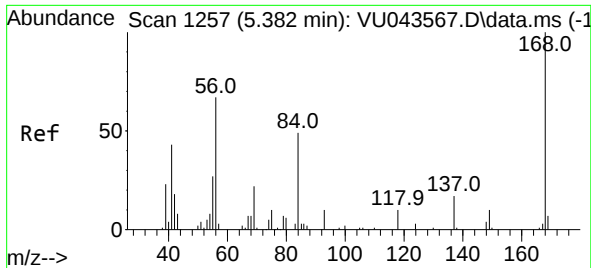
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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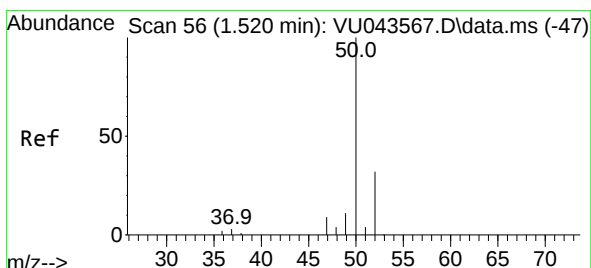
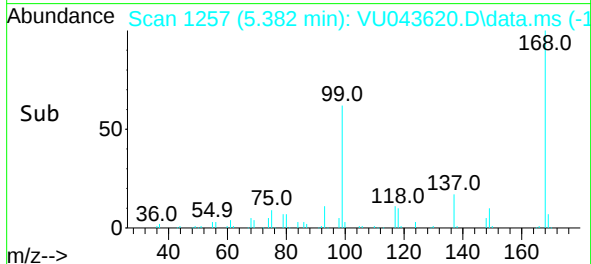
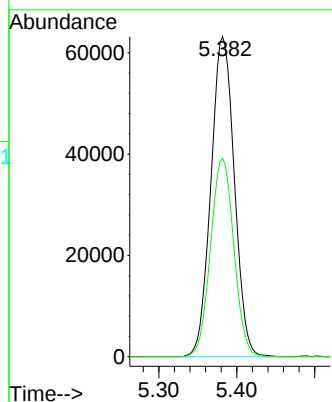
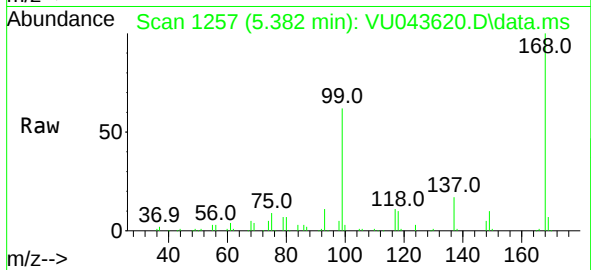




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

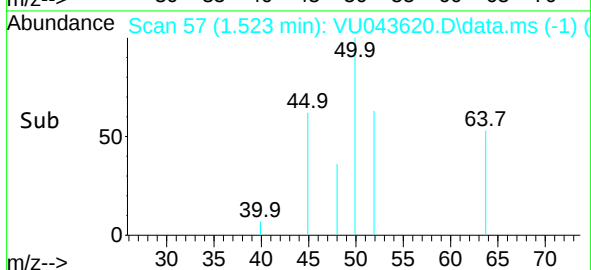
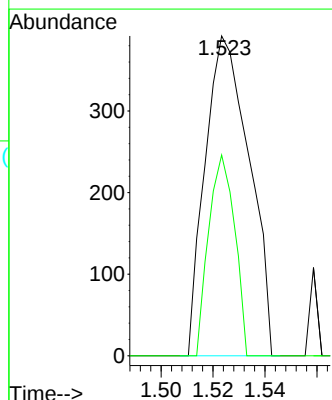
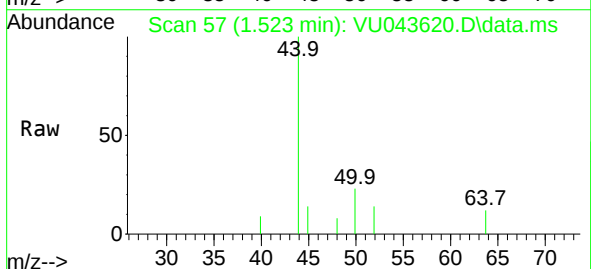
Instrument :
MSVOA_U
ClientSampleId :
MW-3

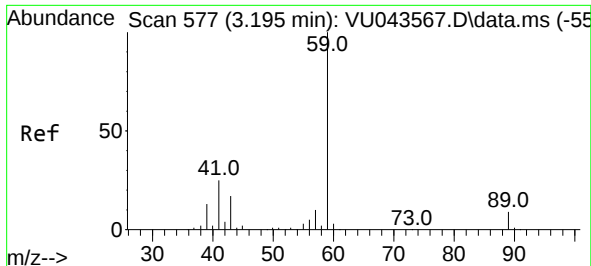
Tgt Ion:168 Resp: 131821
Ion Ratio Lower Upper
168 100
99 61.9 49.0 73.6



#3
Chloromethane
Concen: 0.50 ug/l
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

Tgt Ion: 50 Resp: 463
Ion Ratio Lower Upper
50 100
52 62.8 25.9 38.9#

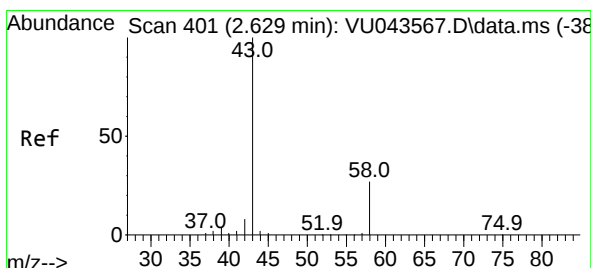
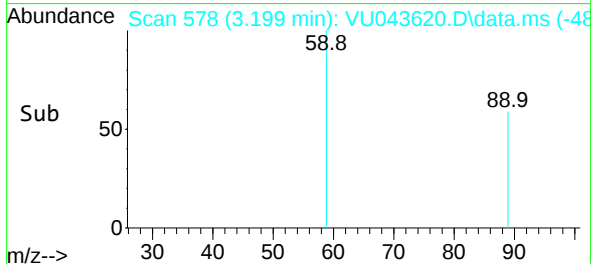
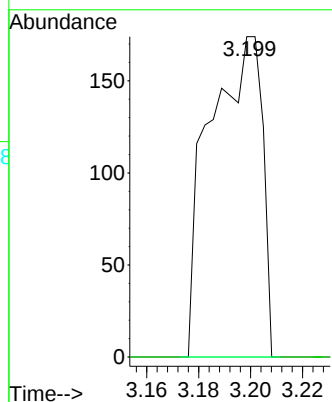
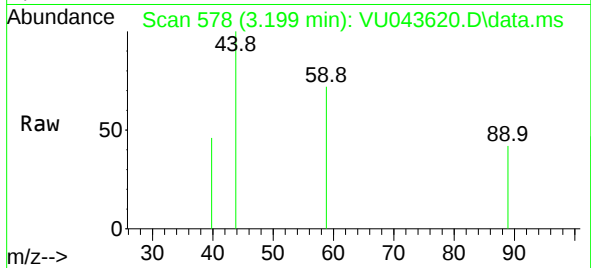




#11
Tert butyl alcohol
Concen: 0.34 ug/l
RT: 3.199 min Scan# 578
Delta R.T. 0.003 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

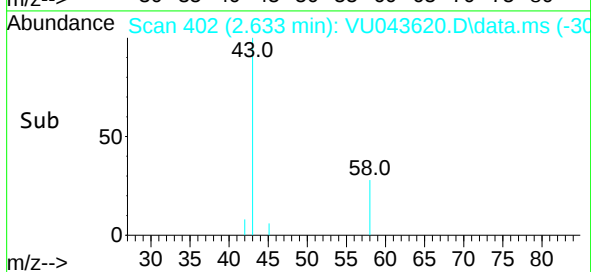
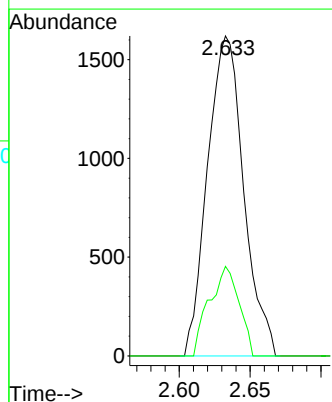
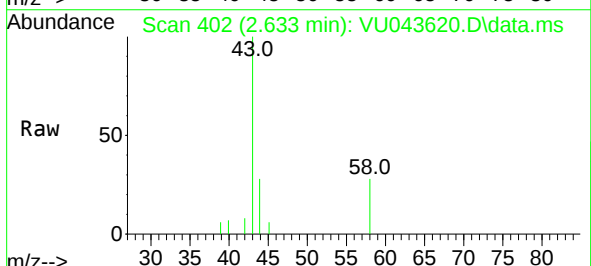
Instrument :
MSVOA_U
ClientSampled :
MW-3

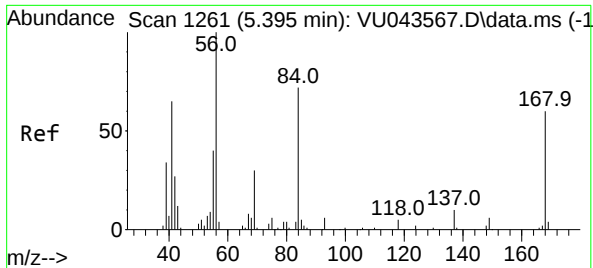
Tgt Ion: 59 Resp: 245
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#16
Acetone
Concen: 1.94 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

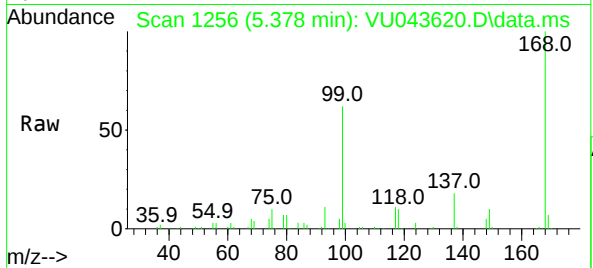
Tgt Ion: 43 Resp: 2874
Ion Ratio Lower Upper
43 100
58 28.0 21.7 32.5



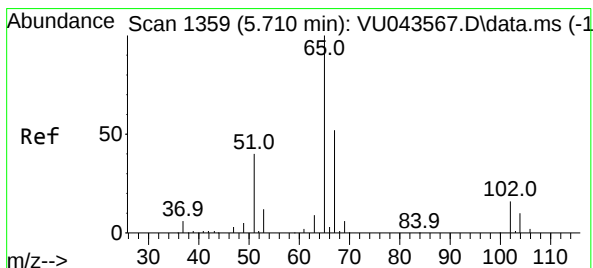
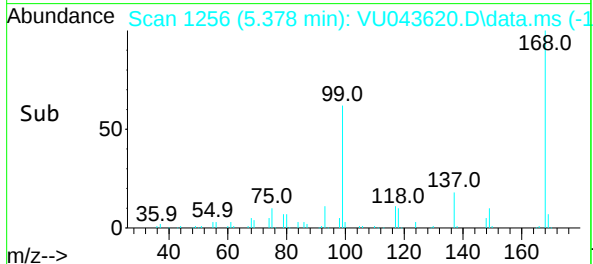
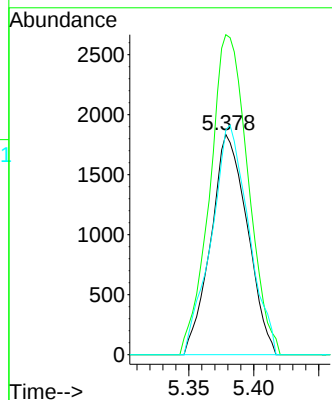


#31
Cyclohexane
Concen: 1.13 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

Instrument :
MSVOA_U
ClientSampleId :
MW-3

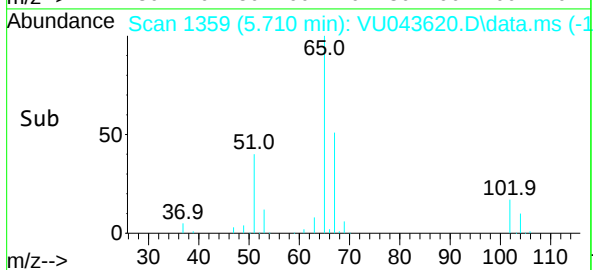
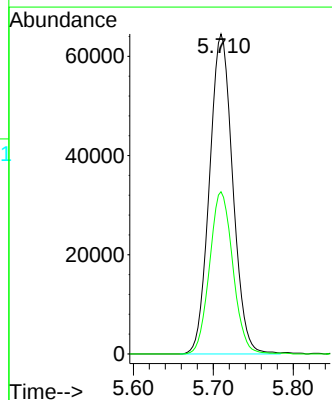
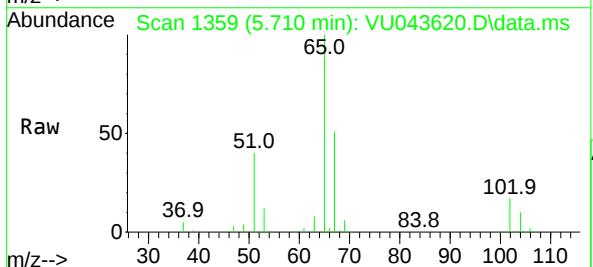


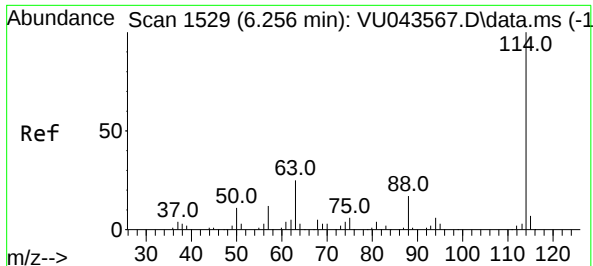
Tgt Ion: 56 Resp: 3585
Ion Ratio Lower Upper
56 100
69 145.3 23.9 35.9#
84 102.1 57.7 86.5#



#33
1,2-Dichloroethane-d4
Concen: 48.81 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

Tgt Ion: 65 Resp: 130248
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043620.D

Acq: 07 May 2021 18:13

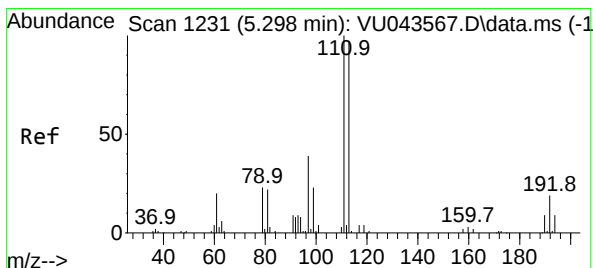
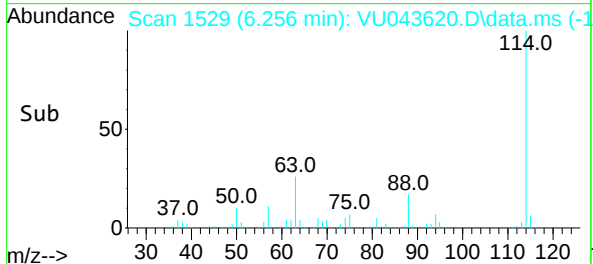
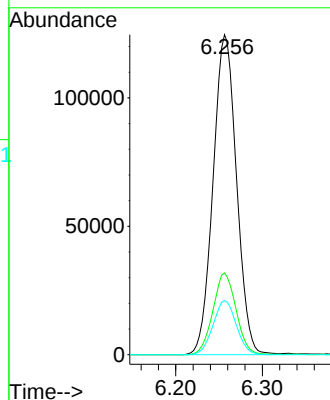
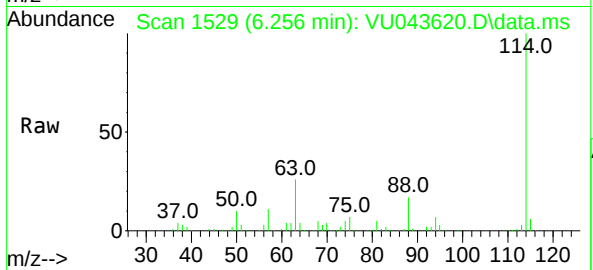
Tgt Ion:114 Resp: 234333

Ion Ratio Lower Upper

114 100

63 25.5 0.0 50.2

88 16.9 0.0 33.8



#35

Dibromofluoromethane

Concen: 47.56 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043620.D

Acq: 07 May 2021 18:13

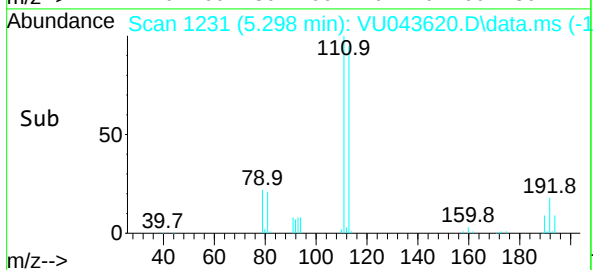
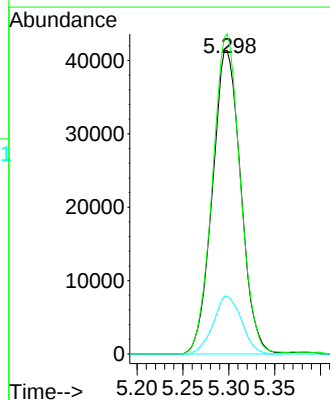
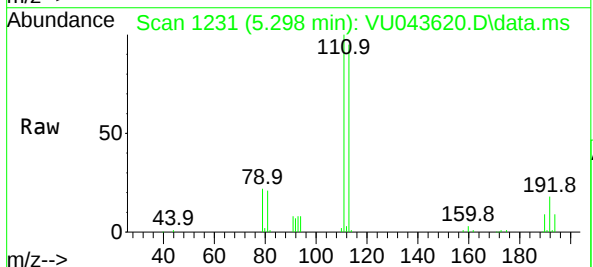
Tgt Ion:113 Resp: 88876

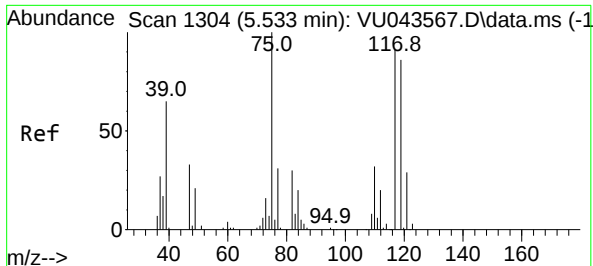
Ion Ratio Lower Upper

113 100

111 103.5 82.3 123.5

192 19.0 15.8 23.6

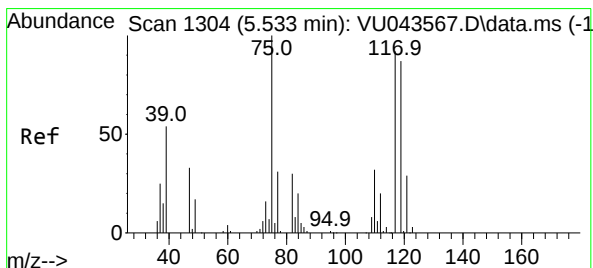
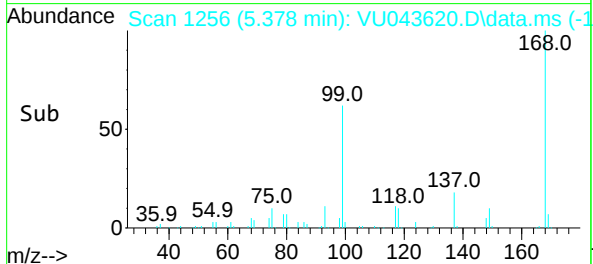
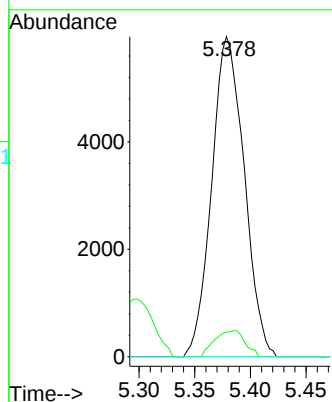
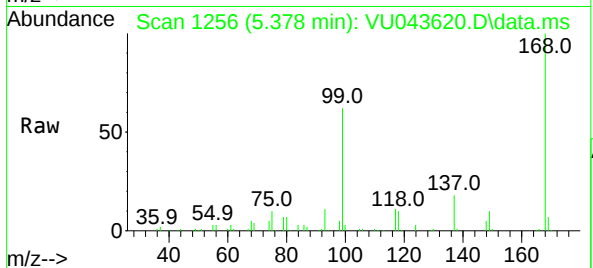




#36
1,1-Dichloropropene
Concen: 4.55 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

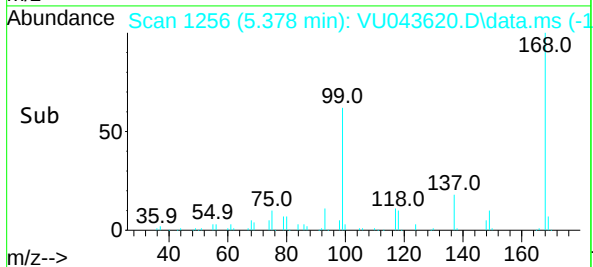
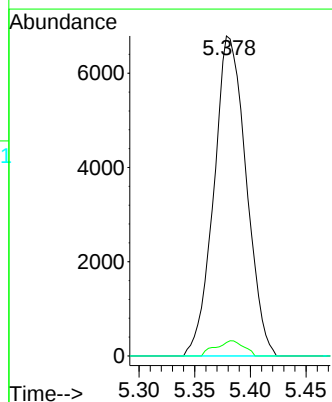
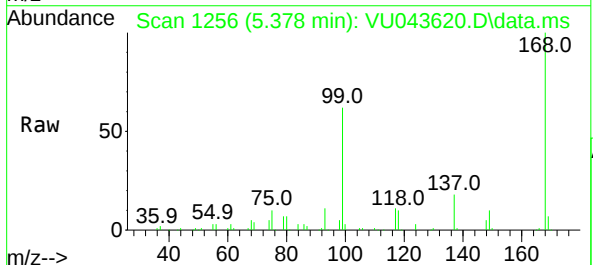
Instrument :
MSVOA_U
ClientSampled :
MW-3

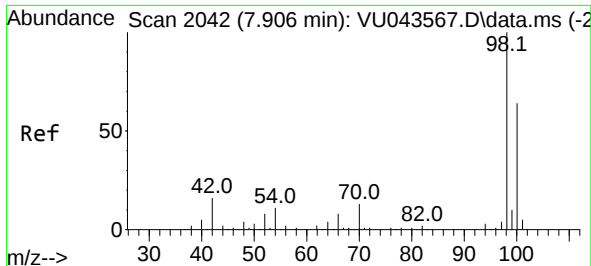
Tgt Ion: 75 Resp: 12096
Ion Ratio Lower Upper
75 100
110 7.6 16.2 48.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.07 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

Tgt Ion: 117 Resp: 13677
Ion Ratio Lower Upper
117 100
119 4.2 75.4 113.0#
121 0.0 25.2 37.8#

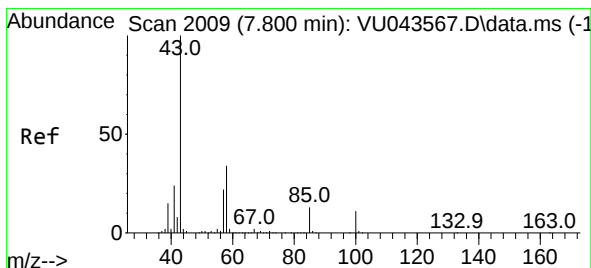
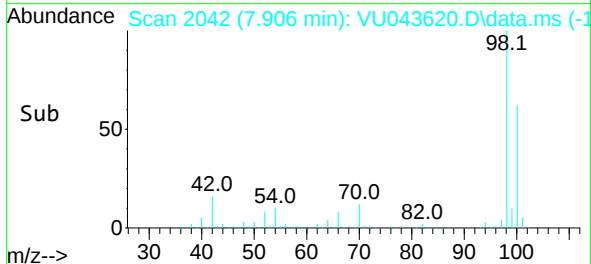
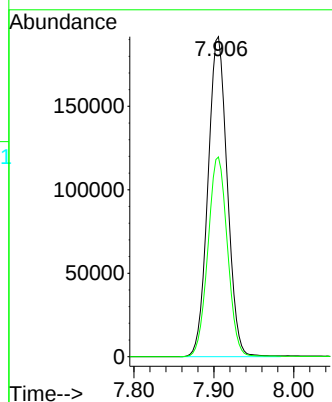
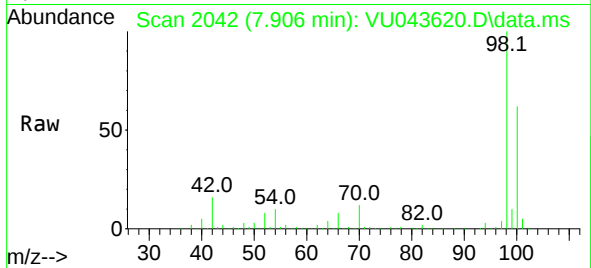




#50
Toluene-d8
Concen: 48.60 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

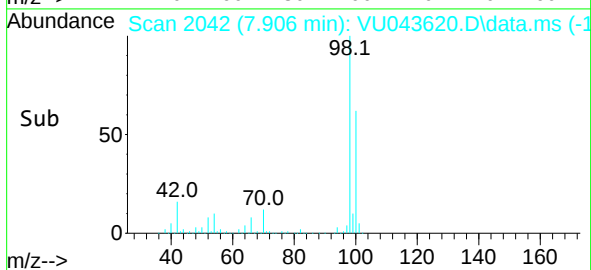
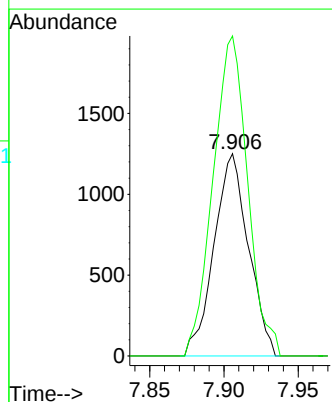
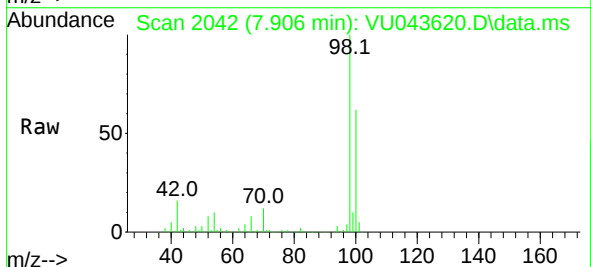
Instrument :
MSVOA_U
ClientSampled :
MW-3

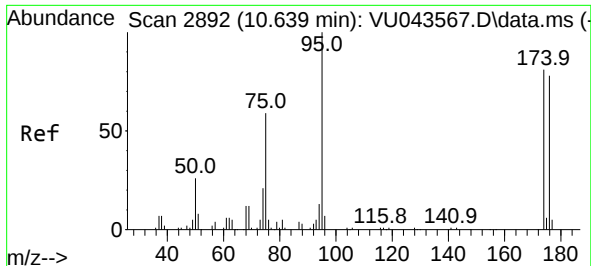
Tgt Ion: 98 Resp: 322059
Ion Ratio Lower Upper
98 100
100 63.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 19.53 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

Tgt Ion: 43 Resp: 2015
Ion Ratio Lower Upper
43 100
58 159.1 27.2 40.8#

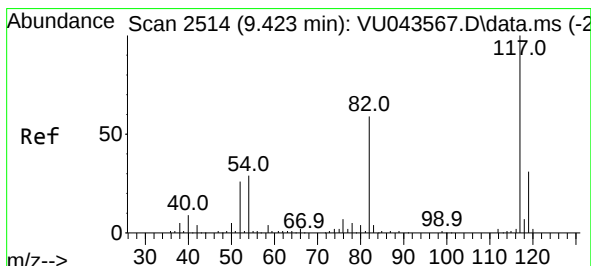
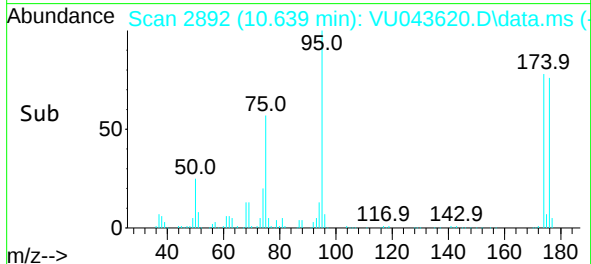
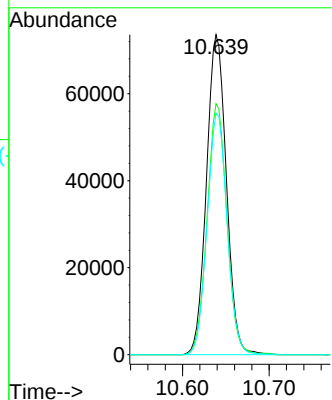
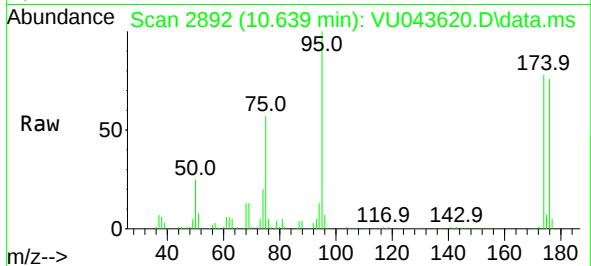




#62
4-Bromofluorobenzene
Concen: 46.58 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

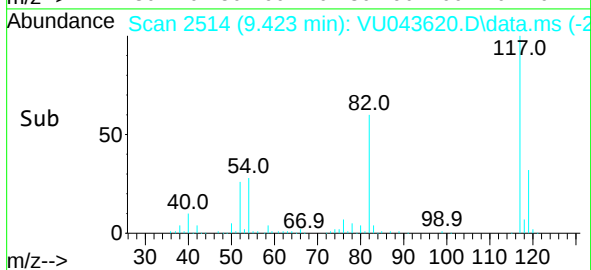
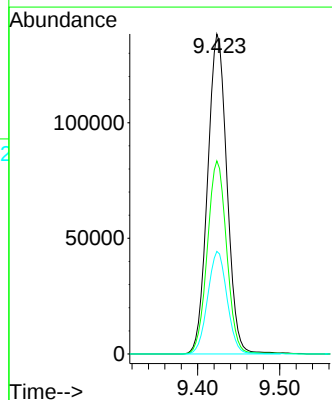
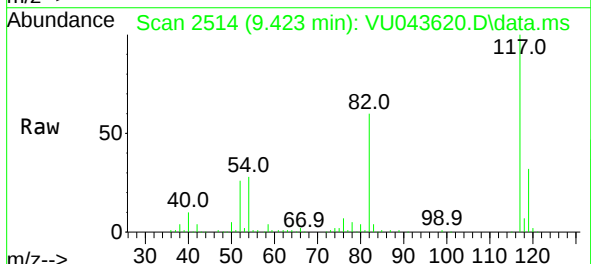
Instrument :
MSVOA_U
ClientSampleId :
MW-3

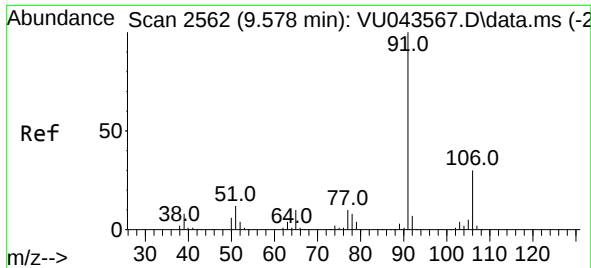
Tgt Ion: 95 Resp: 117414
Ion Ratio Lower Upper
95 100
174 78.1 0.0 158.8
176 75.6 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

Tgt Ion: 117 Resp: 226781
Ion Ratio Lower Upper
117 100
82 60.3 47.5 71.3
119 32.0 24.7 37.1

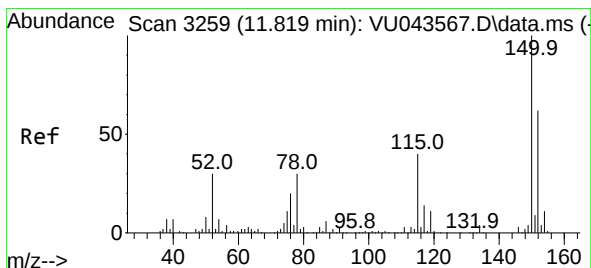
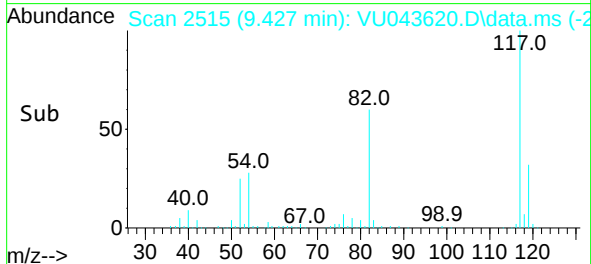
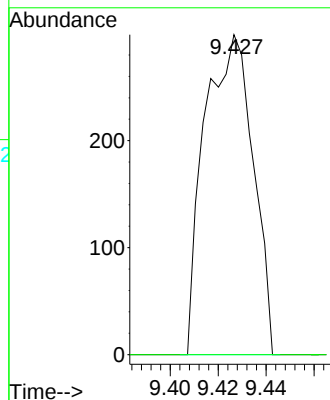
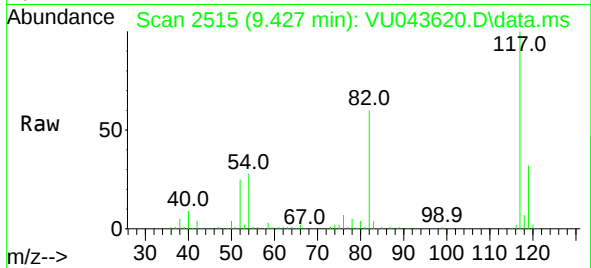




#67
Ethyl Benzene
Concen: 1.49 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. -0.151 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

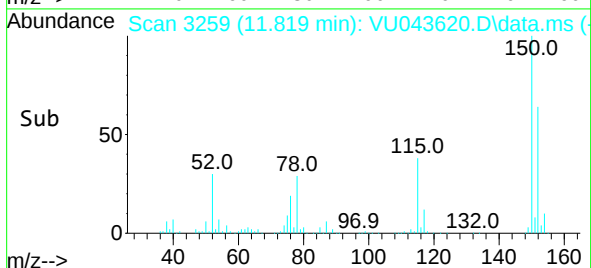
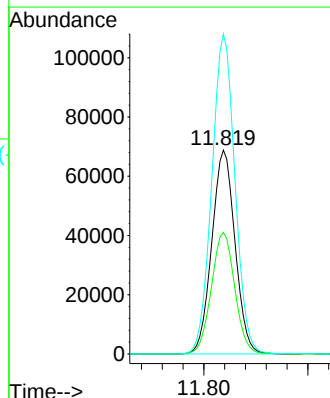
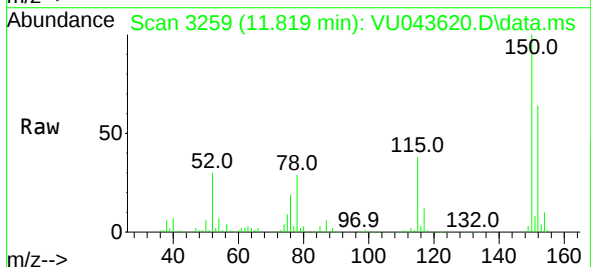
Instrument :
MSVOA_U
ClientSampleId :
MW-3

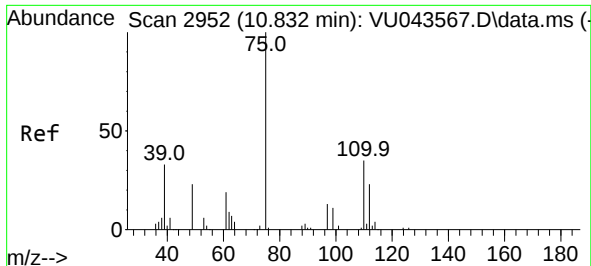
Tgt Ion: 91 Resp: 419
Ion Ratio Lower Upper
91 100
106 0.0 24.0 36.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

Tgt Ion:152 Resp: 106772
Ion Ratio Lower Upper
152 100
115 60.2 46.1 138.3
150 156.2 0.0 361.0

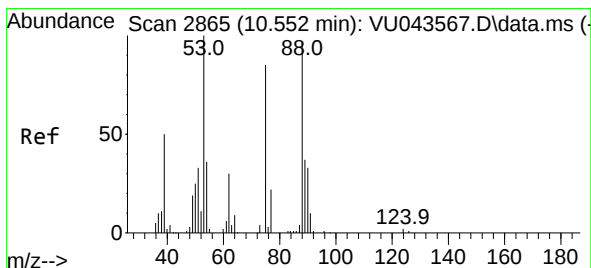
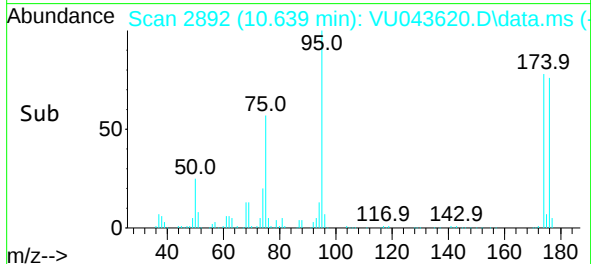
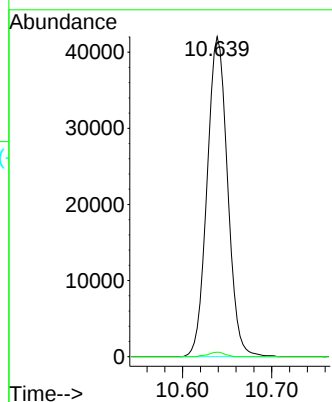
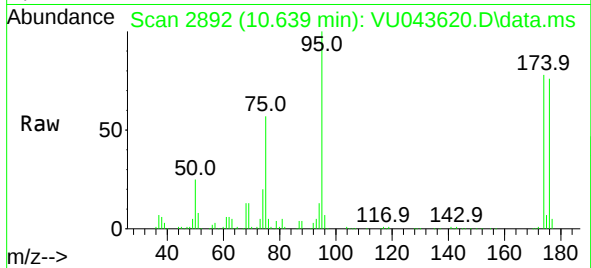




#76
1,2,3-Trichloropropane
Concen: 19.77 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

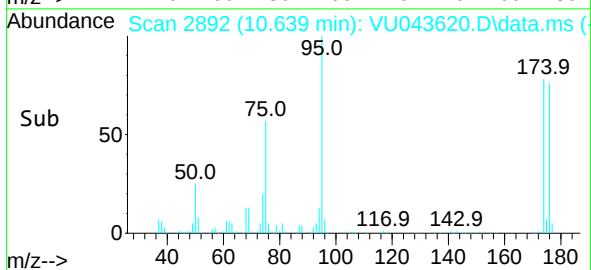
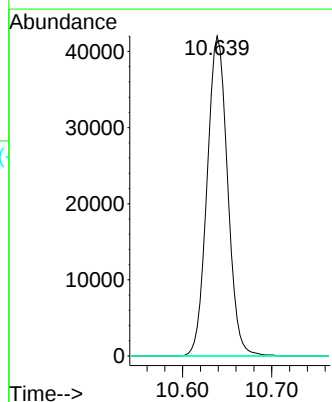
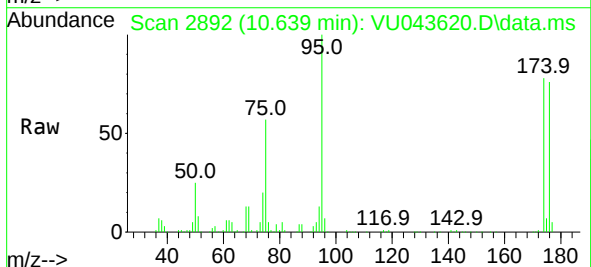
Instrument :
MSVOA_U
ClientSampled :
MW-3

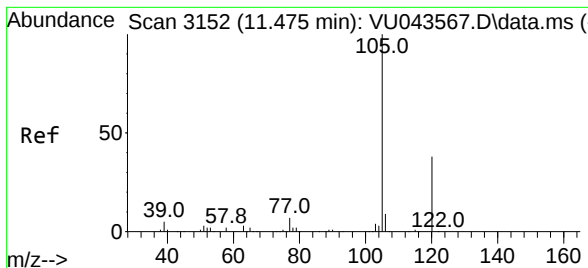
Tgt Ion: 75 Resp: 67133
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.40 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

Tgt Ion: 75 Resp: 67133
Ion Ratio Lower Upper
75 100
53 0.0 95.8 143.8#
89 0.0 36.1 54.1#





#84

1,2,4-Trimethylbenzene

Concen: 1.11 ug/l

RT: 11.645 min Scan# 3205

Delta R.T. 0.170 min

Lab File: VU043620.D

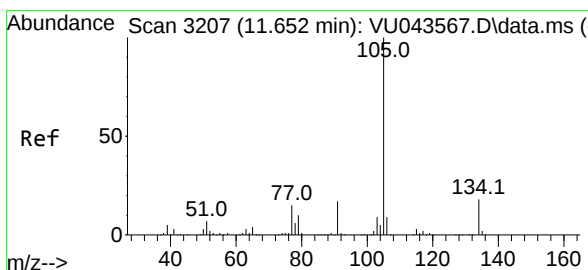
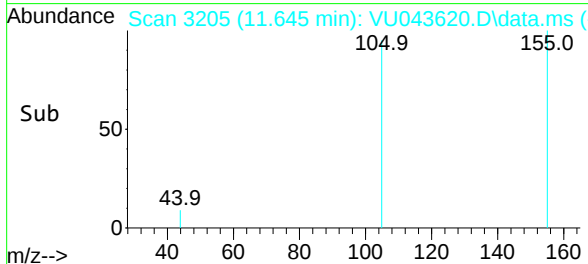
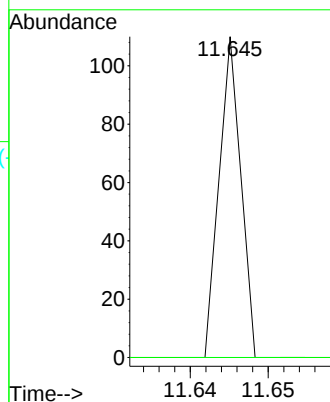
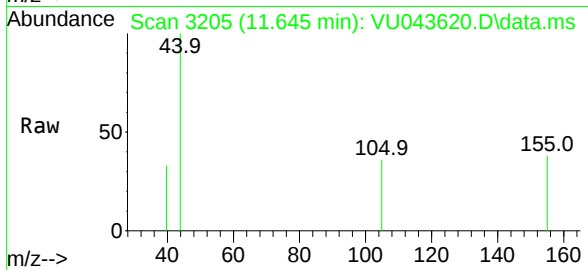
Acq: 07 May 2021 18:13

Tgt Ion:105 Resp: 21

Ion Ratio Lower Upper

105 100

120 0.0 21.4 64.2#



#85

sec-Butylbenzene

Concen: 1.34 ug/l

RT: 11.645 min Scan# 3205

Delta R.T. -0.007 min

Lab File: VU043620.D

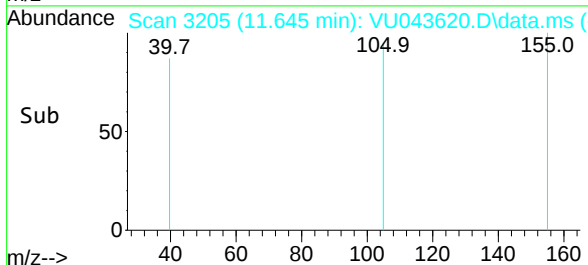
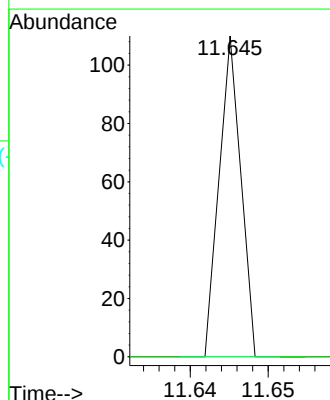
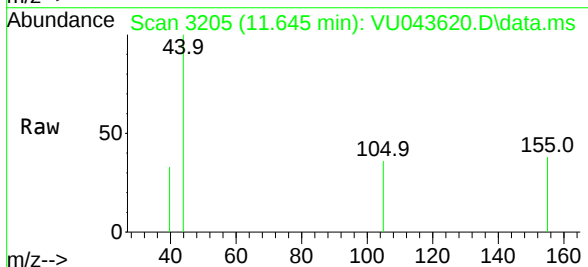
Acq: 07 May 2021 18:13

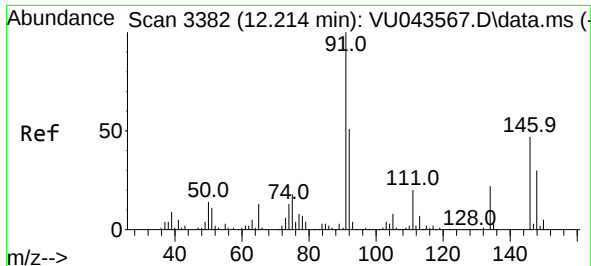
Tgt Ion:105 Resp: 21

Ion Ratio Lower Upper

105 100

134 0.0 9.2 27.6#

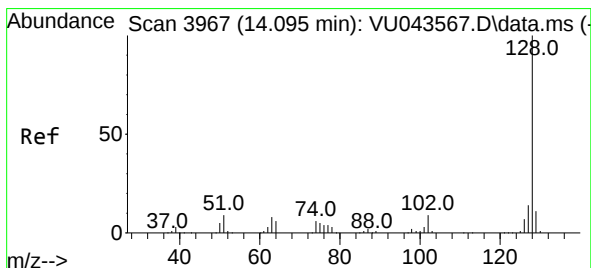
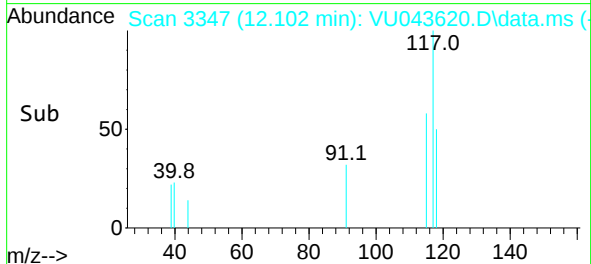
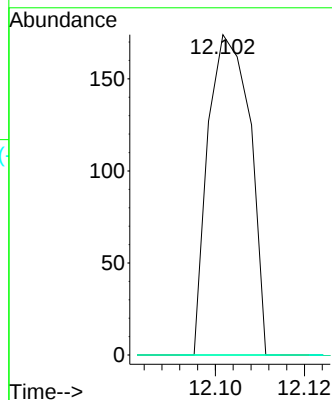
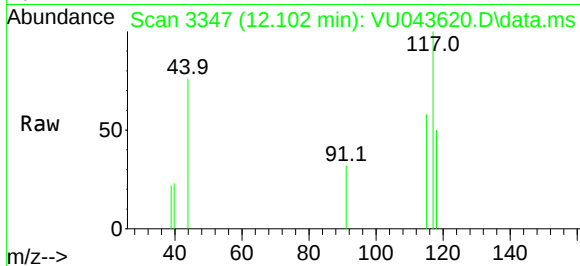




#89
n-Butylbenzene
Concen: 2.54 ug/l
RT: 12.102 min Scan# 3347
Delta R.T. -0.112 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

Instrument :
MSVOA_U
ClientSampled :
MW-3

Tgt Ion: 91 Resp: 113
Ion Ratio Lower Upper
91 100
92 0.0 25.4 76.2#
134 0.0 11.3 33.9#



#95
Naphthalene
Concen: 1.56 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU043620.D
Acq: 07 May 2021 18:13

Tgt Ion: 128 Resp: 316
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 8.6 12.8#

