

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
 Data File : VU044079.D
 Acq On : 08 Jun 2021 00:34
 Operator : SY/MD
 Sample : M2589-26
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 18-B8(4-6)

Quant Time: Jun 08 05:48:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 05:21:34 2021
 Response via : Initial Calibration

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

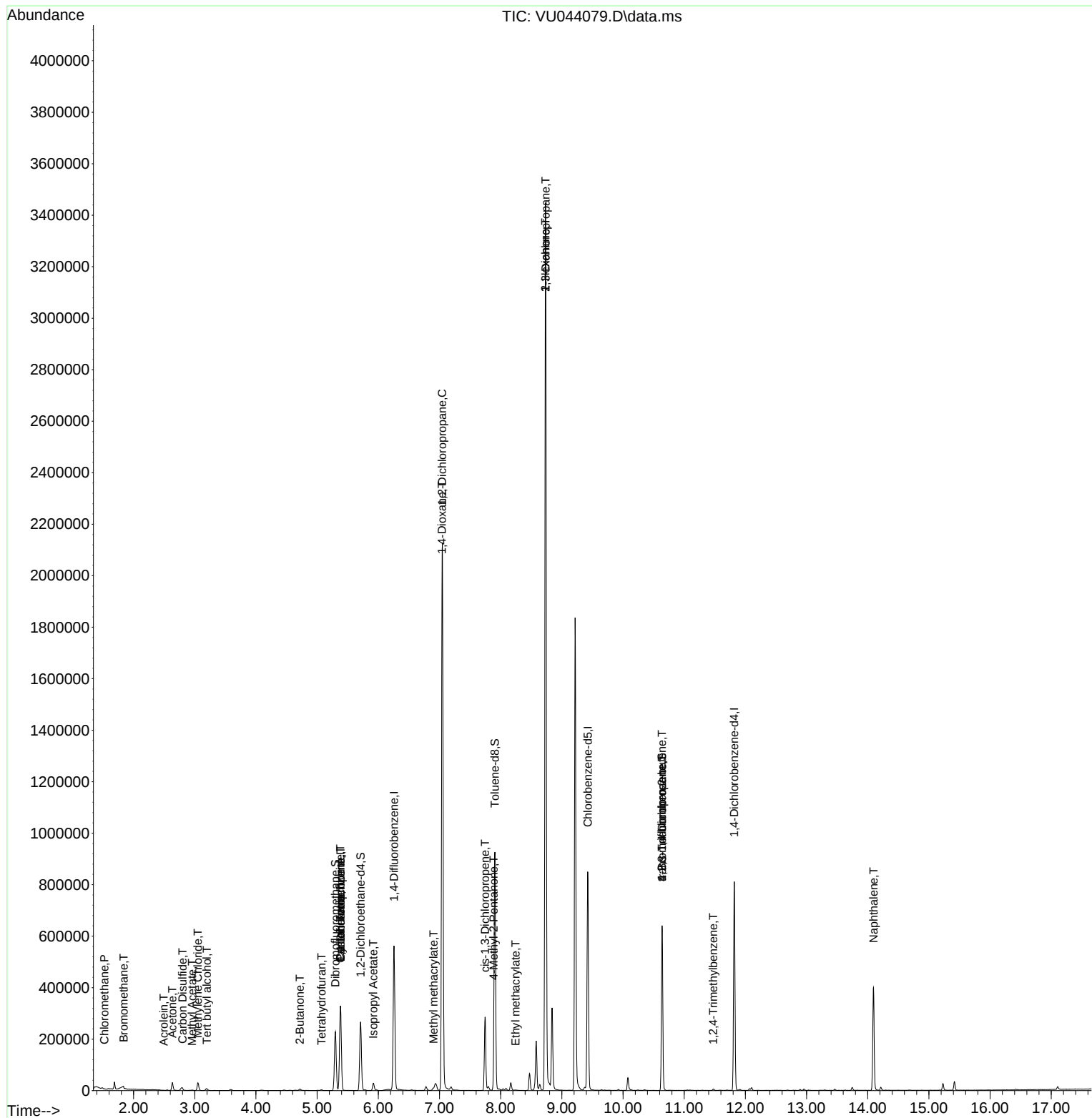
Internal Standards						
1) Pentafluorobenzene	5.382	168	212223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	426364	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	442403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	199608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	193732	52.417	ug/l	0.00
Spiked Amount 50.000			Recovery	= 104.840%		
35) Dibromofluoromethane	5.298	113	147136	48.358	ug/l	0.00
Spiked Amount 50.000			Recovery	= 96.720%		
50) Toluene-d8	7.906	98	589635	50.241	ug/l	0.00
Spiked Amount 50.000			Recovery	= 100.480%		
62) 4-Bromofluorobenzene	10.639	95	214278	46.116	ug/l	0.00
Spiked Amount 50.000			Recovery	= 92.240%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1240	0.282	ug/l	100
5) Bromomethane	1.838	94	425	0.261	ug/l #	78
11) Tert butyl alcohol	3.198	59	5245	5.724	ug/l #	72
13) Acrolein	2.494	56	432	0.600	ug/l #	62
16) Acetone	2.632	43	33811	15.850	ug/l	99
17) Carbon Disulfide	2.800	76	6042	0.695	ug/l #	95
18) Methyl Acetate	2.957	43	2681	0.570	ug/l	96
20) Methylene Chloride	3.050	84	14177	2.829	ug/l	95
25) 2-Butanone	4.716	43	9360	3.075	ug/l	97
29) Tetrahydrofuran	5.073	42	1912	1.132	ug/l #	69
31) Cyclohexane	5.382	56	5345	1.048	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	19330	4.024	ug/l #	50
38) Carbon Tetrachloride	5.378	117	23148	5.333	ug/l #	17
43) Isopropyl Acetate	5.919	43	30608	3.577	ug/l	99
45) 1,2-Dichloropropane	7.044	63	2723	0.689	ug/l #	42
48) Methyl methacrylate	6.902	41	11991	2.842	ug/l #	14
49) 1,4-Dioxane	7.041	88	111	1.070	ug/l #	1
51) 4-Methyl-2-Pentanone	7.886	43	11043	1.738	ug/l	90
54) cis-1,3-Dichloropropene	7.745	75	48868	8.319	ug/l #	65
56) Ethyl methacrylate	8.243	69	283	3.427	ug/l #	1
57) 1,3-Dichloropropane	8.735	76	34175	5.283	ug/l #	43
59) 2-Hexanone	8.732	43	460689	93.292	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	111241	19.922	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.639	75	111241	58.171	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.475	105	2518	1.140	ug/l	79
95) Naphthalene	14.095	128	306241	24.063	ug/l	100

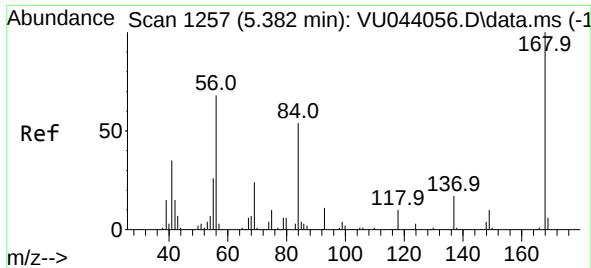
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
Data File : VU044079.D
Acq On : 08 Jun 2021 00:34
Operator : SY/MD
Sample : M2589-26
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
18-B8(4-6)

Quant Time: Jun 08 05:48:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 08 05:21:34 2021
Response via : Initial Calibration

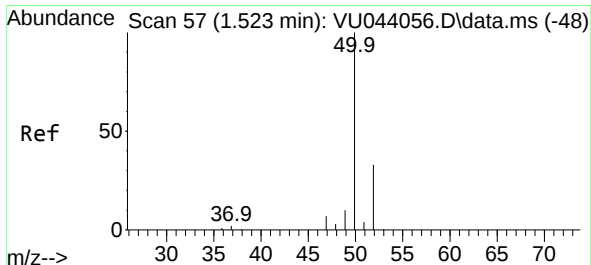
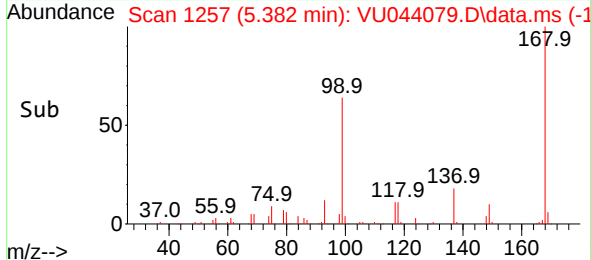
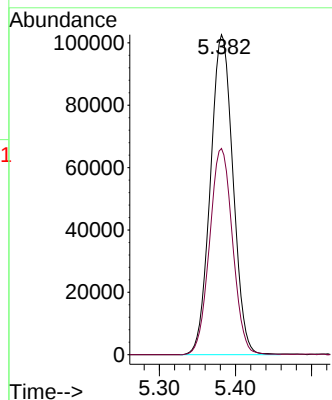
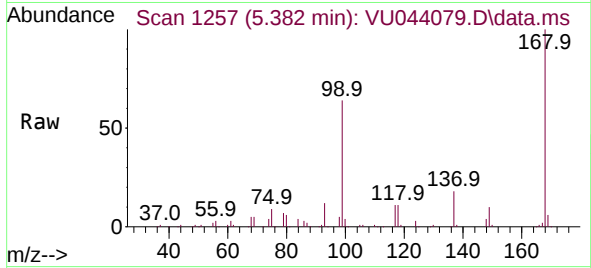




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

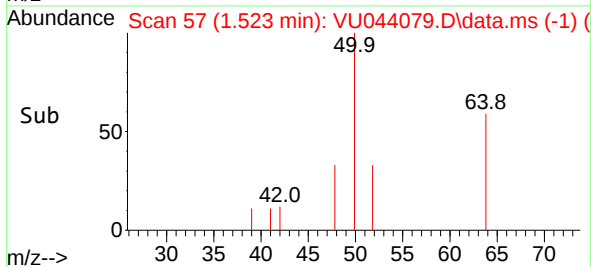
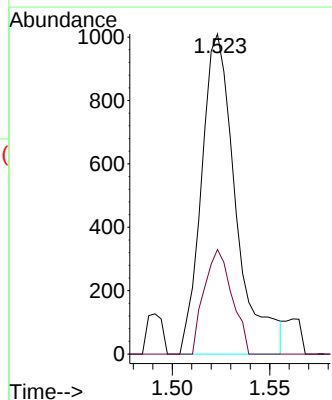
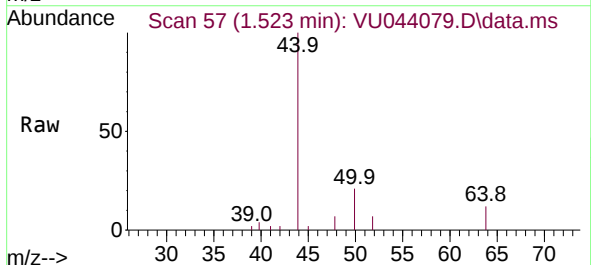
Instrument :
MSVOA_U
ClientSampleId :
18-B8(4-6)

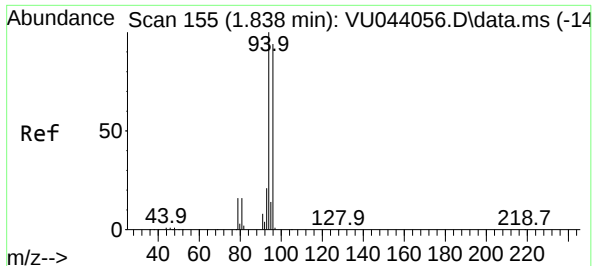
Tgt Ion:168 Resp: 212223
Ion Ratio Lower Upper
168 100
99 64.5 52.6 78.8



#3
Chloromethane
Concen: 0.282 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Tgt Ion: 50 Resp: 1240
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2

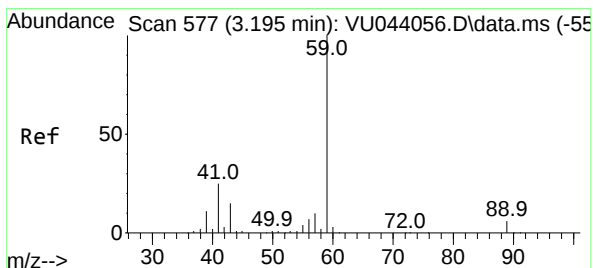
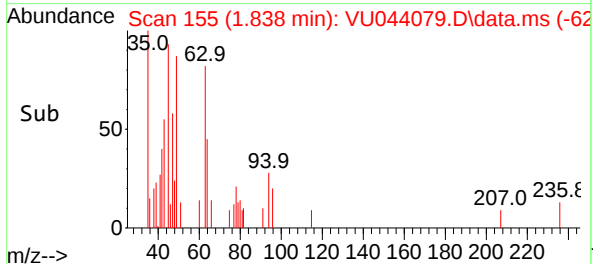
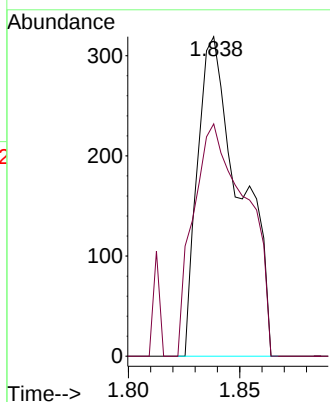
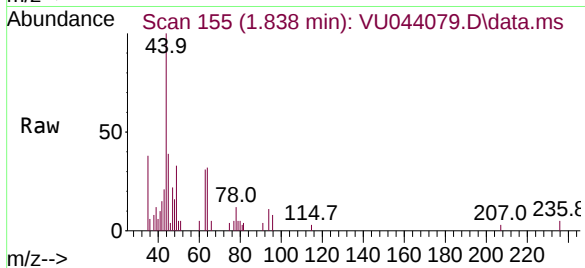




#5
Bromomethane
Concen: 0.261 ug/l
RT: 1.838 min Scan# 155
Delta R.T. 0.000 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

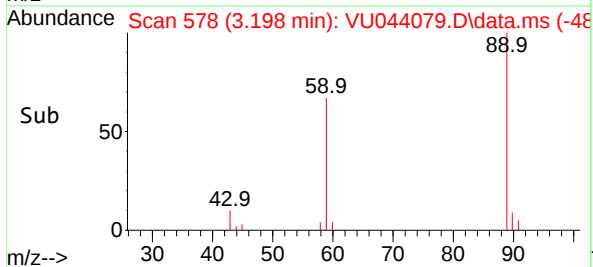
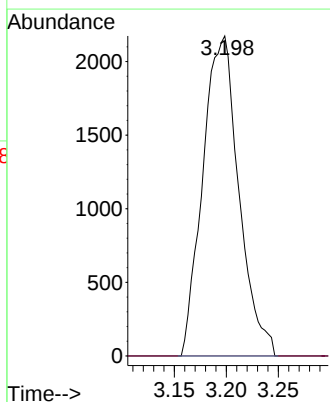
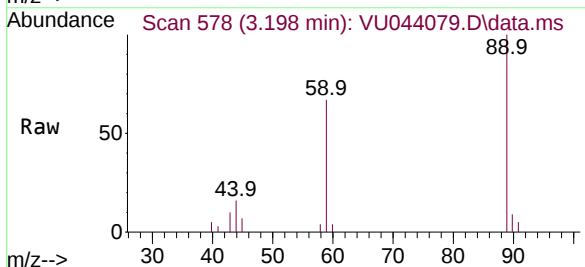
Instrument :
MSVOA_U
ClientSampleId :
18-B8(4-6)

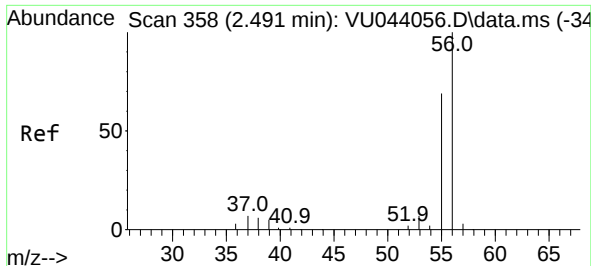
Tgt Ion: 94 Resp: 425
Ion Ratio Lower Upper
94 100
96 72.7 74.8 112.2#



#11
Tert butyl alcohol
Concen: 5.724 ug/l
RT: 3.198 min Scan# 578
Delta R.T. 0.003 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Tgt Ion: 59 Resp: 5245
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

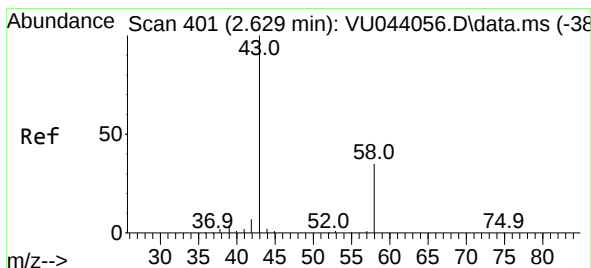
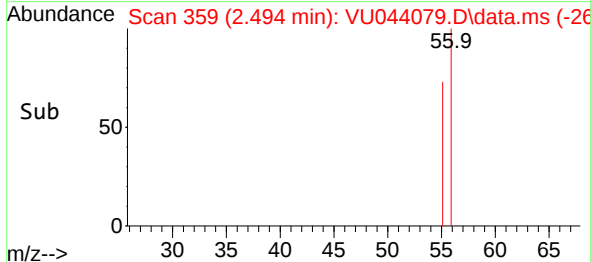
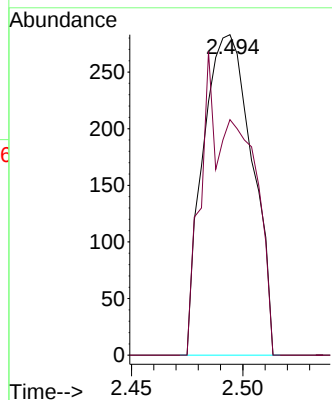
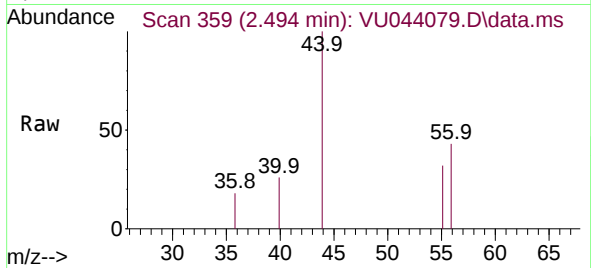




#13
Acrolein
Concen: 0.600 ug/l
RT: 2.494 min Scan# 359
Delta R.T. 0.003 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

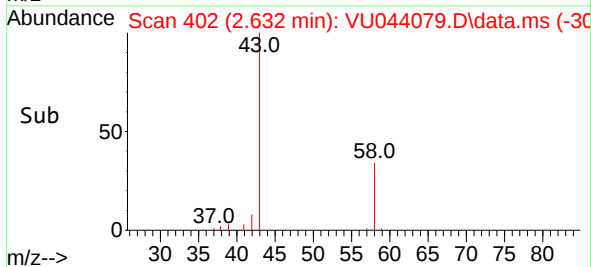
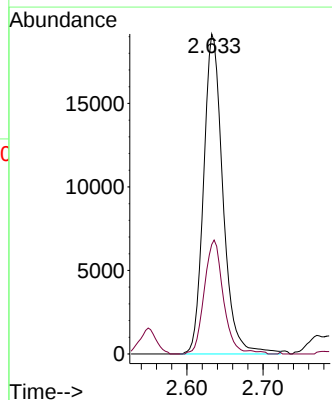
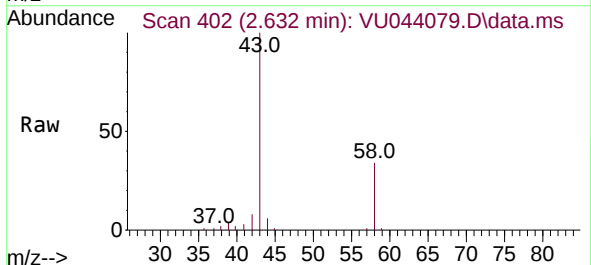
Instrument :
MSVOA_U
ClientSampleId :
18-B8(4-6)

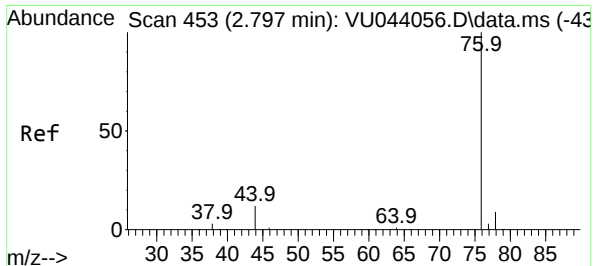
Tgt Ion: 56 Resp: 432
Ion Ratio Lower Upper
56 100
55 39.1 56.1 84.1#



#16
Acetone
Concen: 15.850 ug/l
RT: 2.632 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

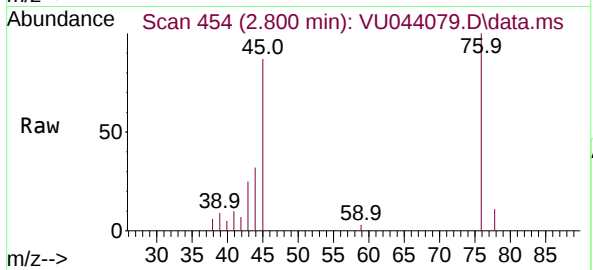
Tgt Ion: 43 Resp: 33811
Ion Ratio Lower Upper
43 100
58 34.2 27.7 41.5



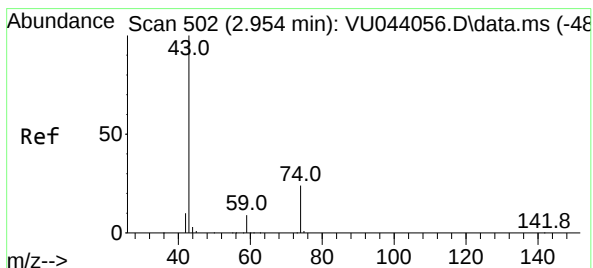
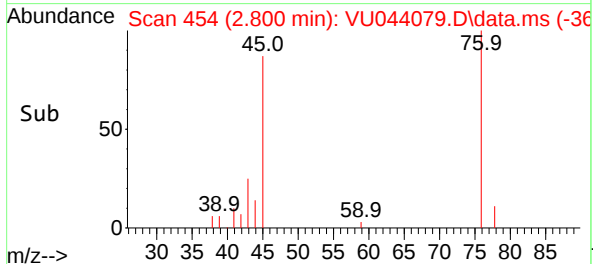
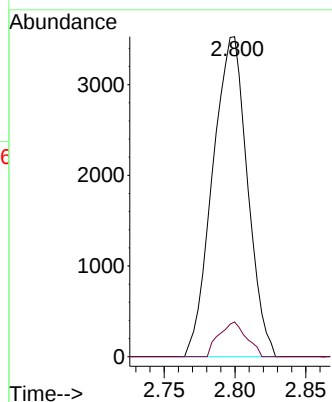


#17
Carbon Disulfide
Concen: 0.695 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Instrument :
MSVOA_U
ClientSampleId :
18-B8(4-6)

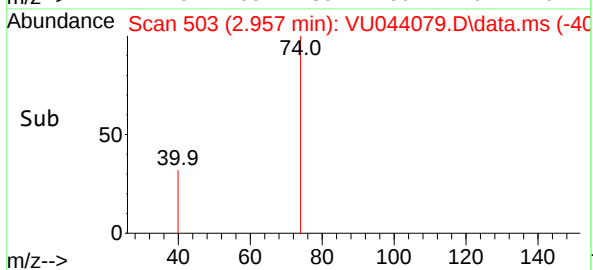
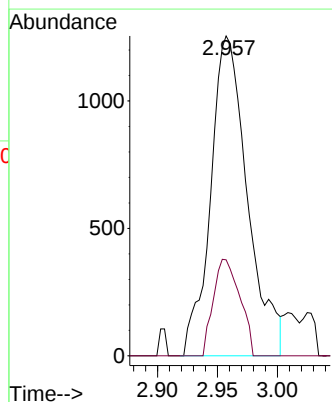
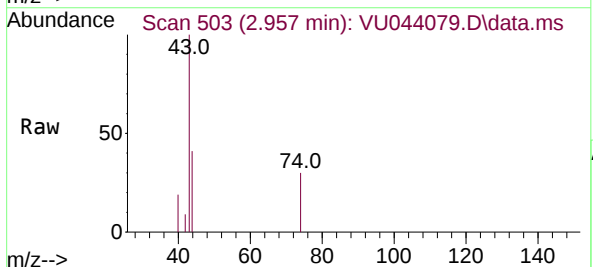


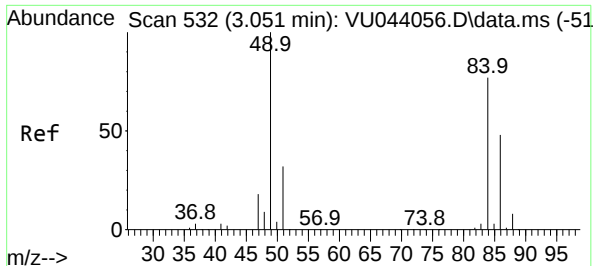
Tgt Ion: 76 Resp: 6042
Ion Ratio Lower Upper
76 100
78 10.8 7.2 10.8#



#18
Methyl Acetate
Concen: 0.570 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

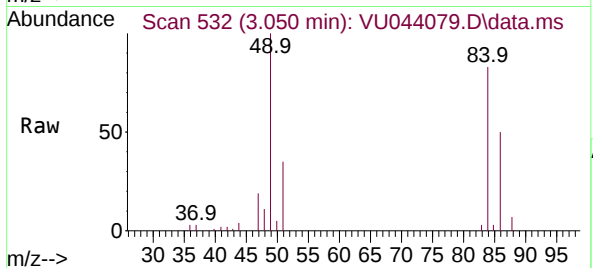
Tgt Ion: 43 Resp: 2681
Ion Ratio Lower Upper
43 100
74 21.7 18.7 28.1



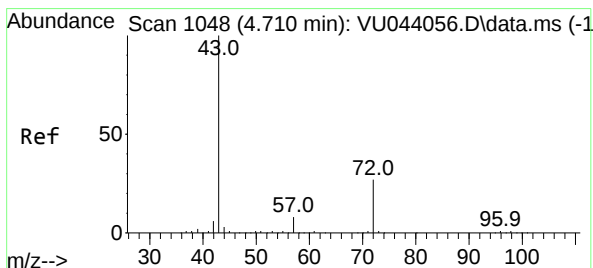
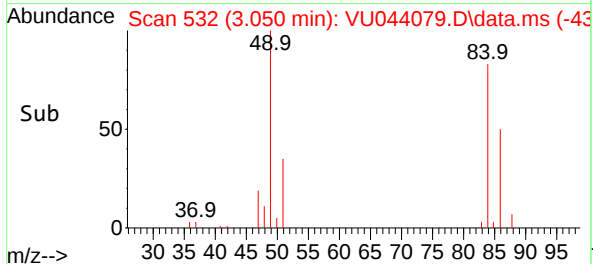
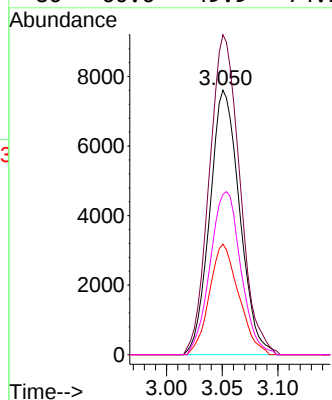


#20
Methylene Chloride
Concen: 2.829 ug/l
RT: 3.050 min Scan# 532
Delta R.T. -0.001 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Instrument :
MSVOA_U
ClientSampleId :
18-B8(4-6)

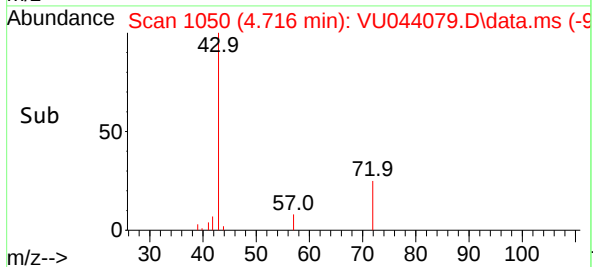
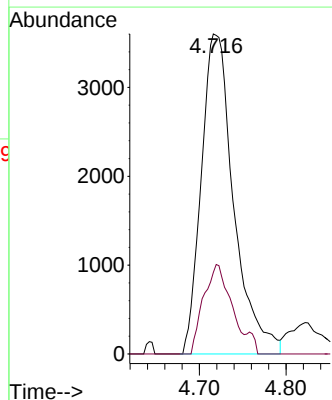
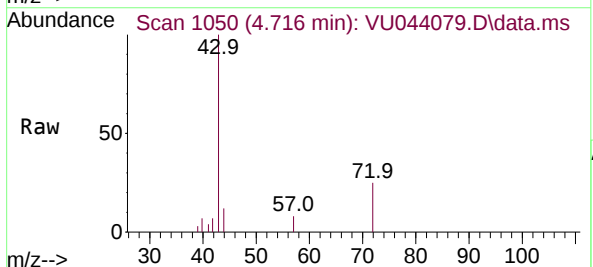


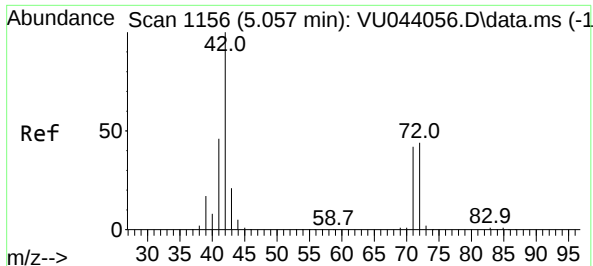
Tgt Ion:	84	Resp:	14177
Ion	Ratio	Lower	Upper
84	100		
49	121.0	103.6	155.4
51	41.8	32.8	49.2
86	60.6	49.9	74.9



#25
2-Butanone
Concen: 3.075 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Tgt Ion:	43	Resp:	9360
Ion	Ratio	Lower	Upper
43	100		
72	25.5	21.4	32.2





#29

Tetrahydrofuran

Concen: 1.132 ug/l

RT: 5.073 min Scan# 1161

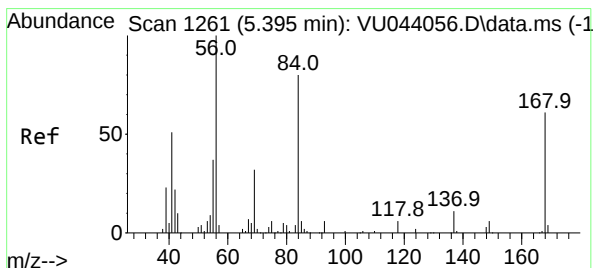
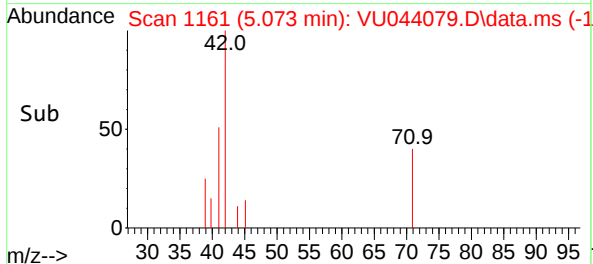
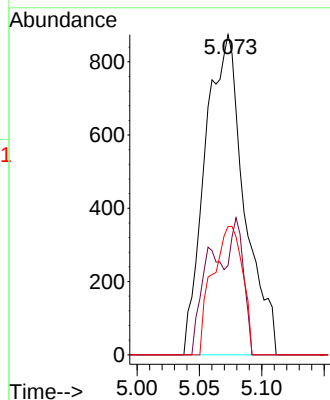
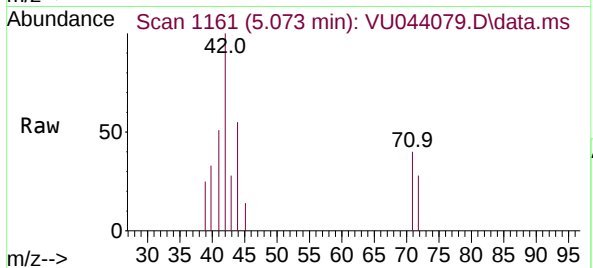
Delta R.T. 0.016 min

Lab File: VU044079.D

Acq: 08 Jun 2021 00:34

Tgt Ion:	42	Resp:	1912
Ion	Ratio	Lower	Upper
42	100		
72	16.1	35.6	53.4#
71	30.8	33.3	49.9#

Instrument :
MSVOA_U
ClientSampleId :
18-B8(4-6)



#31

Cyclohexane

Concen: 1.048 ug/l

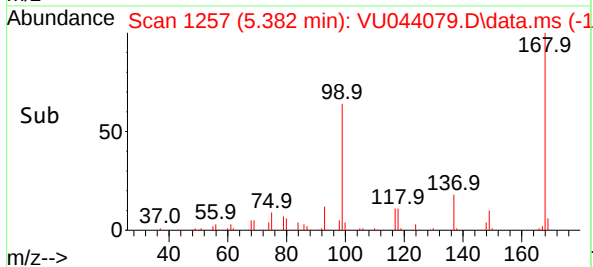
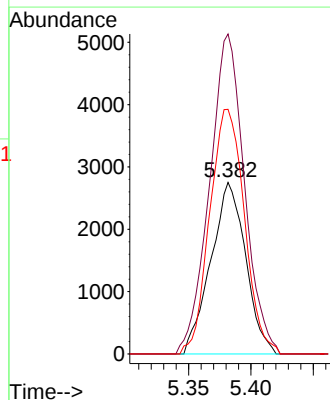
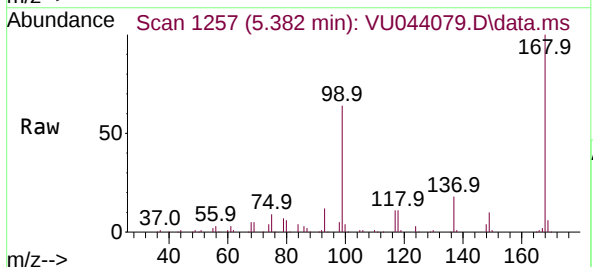
RT: 5.382 min Scan# 1257

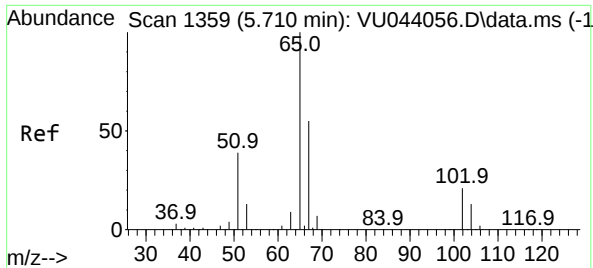
Delta R.T. -0.013 min

Lab File: VU044079.D

Acq: 08 Jun 2021 00:34

Tgt Ion:	56	Resp:	5345
Ion	Ratio	Lower	Upper
56	100		
69	186.6	25.4	38.2#
84	142.6	64.2	96.2#



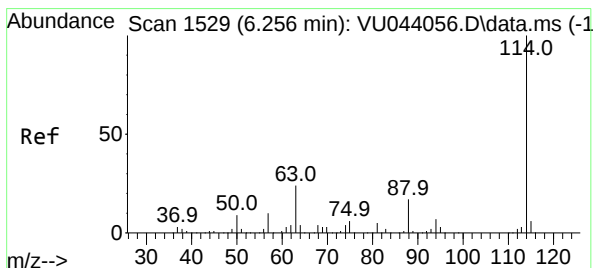
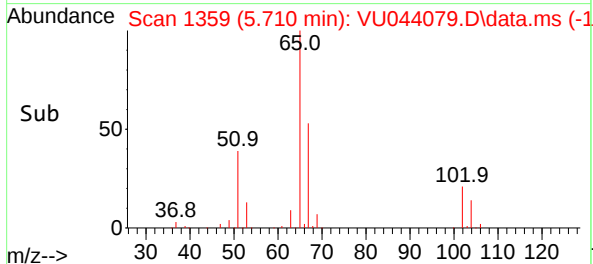
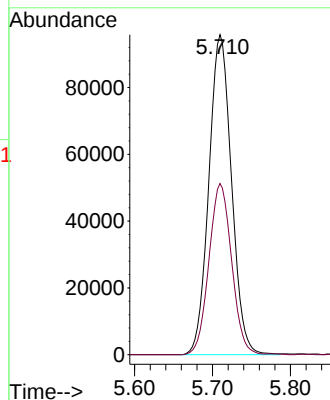
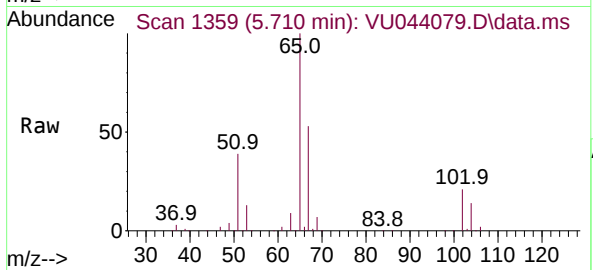


#33

1,2-Dichloroethane-d4
Concen: 52.417 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Instrument :
MSVOA_U
ClientSampleId :
18-B8(4-6)

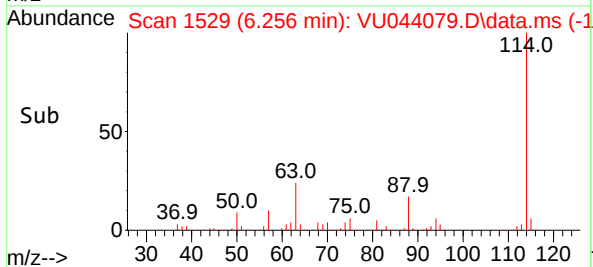
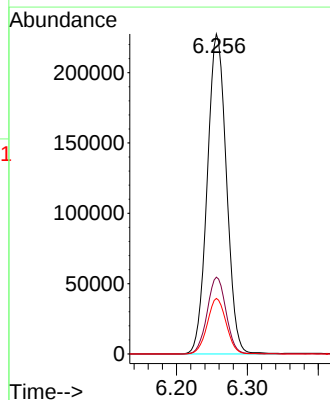
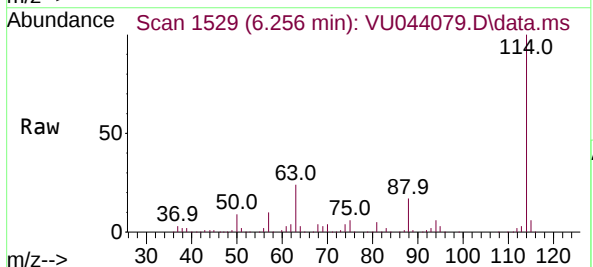
Tgt Ion: 65 Resp: 193732
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.2

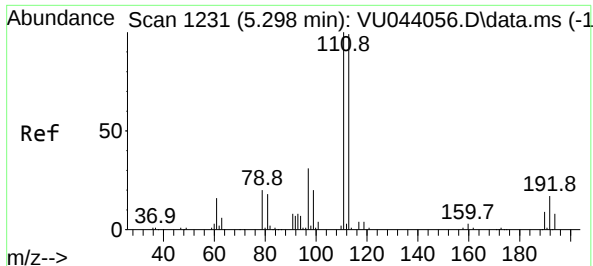


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Tgt Ion: 114 Resp: 426364
Ion Ratio Lower Upper
114 100
63 24.0 0.0 48.4
88 17.4 0.0 34.4

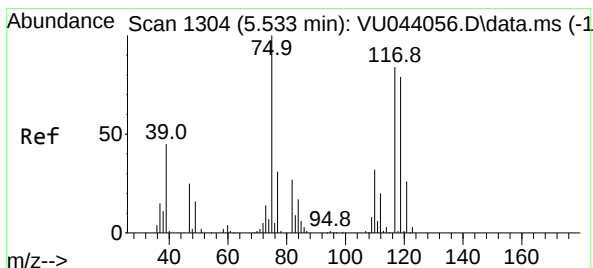
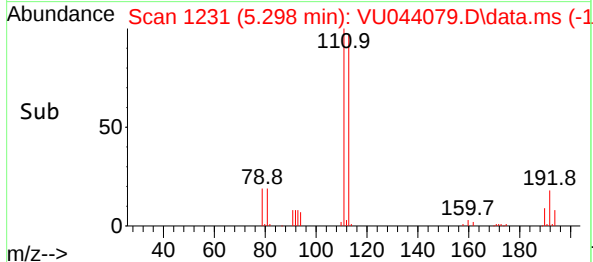
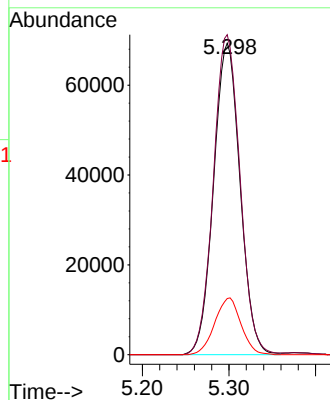
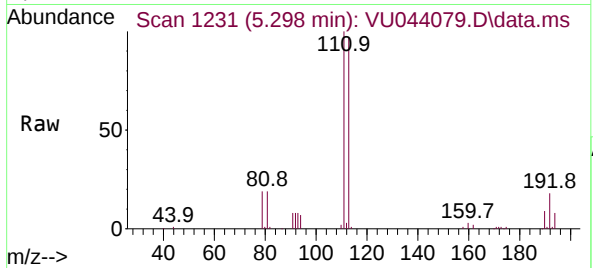




#35
Dibromofluoromethane
Concen: 48.358 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

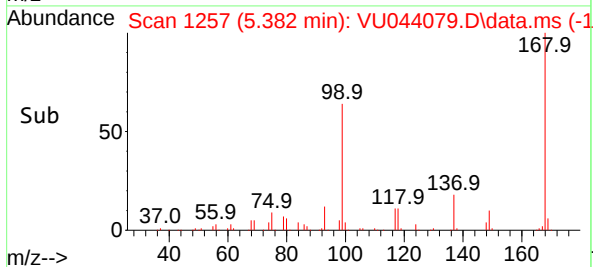
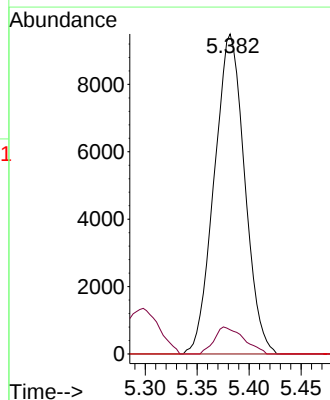
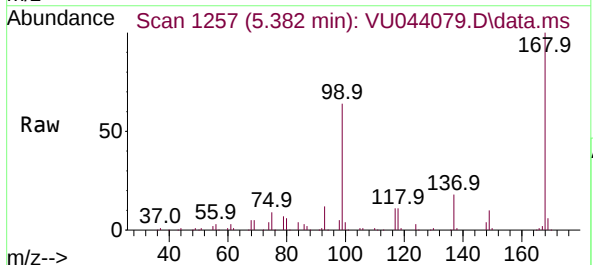
Instrument :
MSVOA_U
ClientSampleId :
18-B8(4-6)

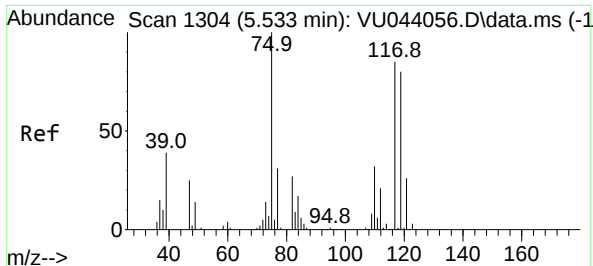
Tgt Ion:113 Resp: 147136
Ion Ratio Lower Upper
113 100
111 103.4 82.1 123.1
192 18.1 13.8 20.8



#36
1,1-Dichloropropene
Concen: 4.024 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

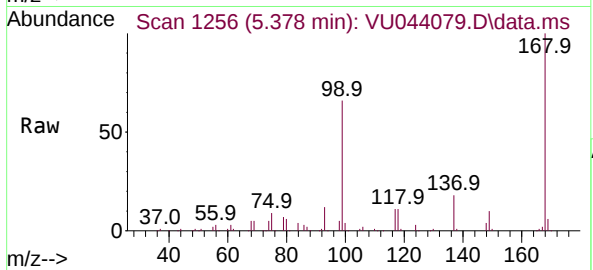
Tgt Ion: 75 Resp: 19330
Ion Ratio Lower Upper
75 100
110 8.1 15.9 47.7#
77 0.0 25.0 37.4#



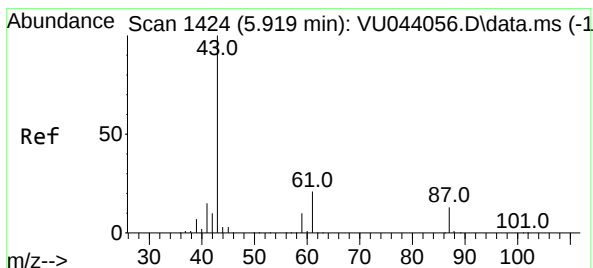
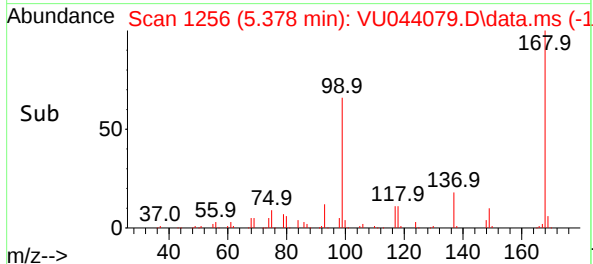
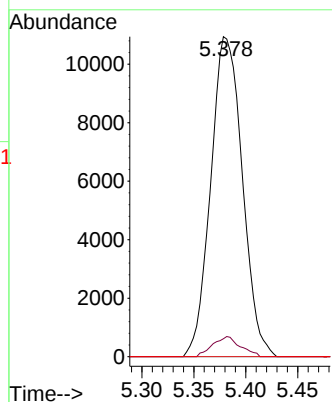


#38
Carbon Tetrachloride
Concen: 5.333 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Instrument :
MSVOA_U
ClientSampleId :
18-B8(4-6)

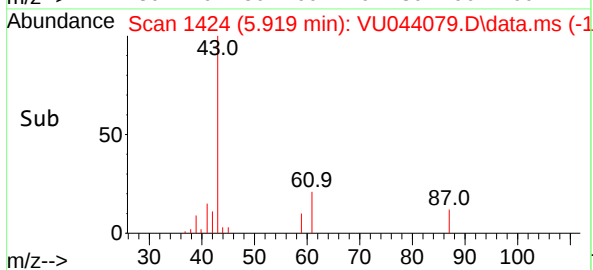
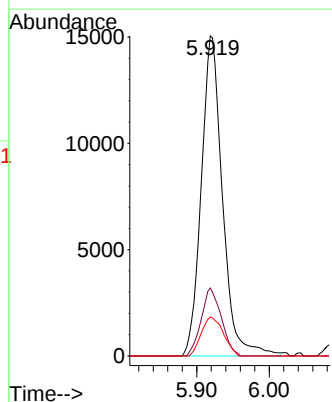
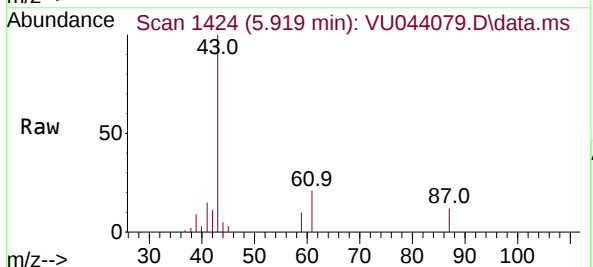


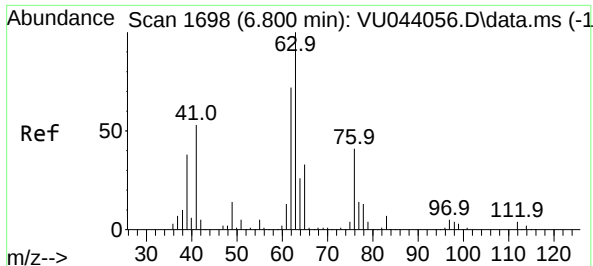
Tgt Ion:117 Resp: 23148
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.2#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 3.577 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Tgt Ion: 43 Resp: 30608
Ion Ratio Lower Upper
43 100
61 20.0 16.8 25.2
87 12.6 10.2 15.2



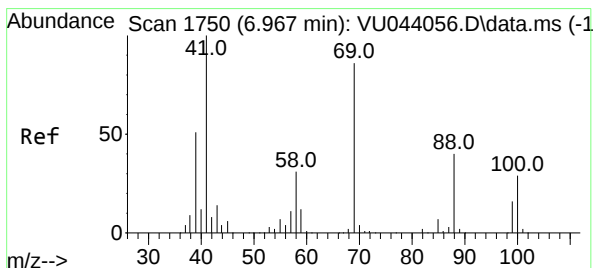
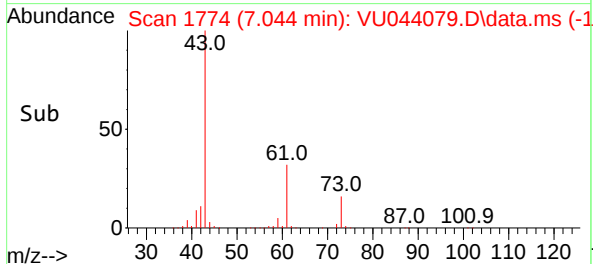
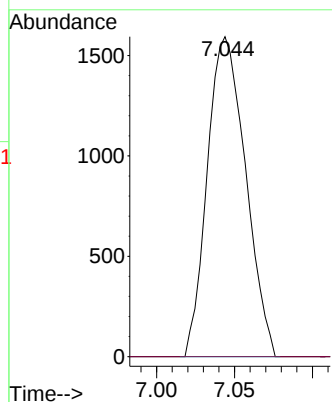
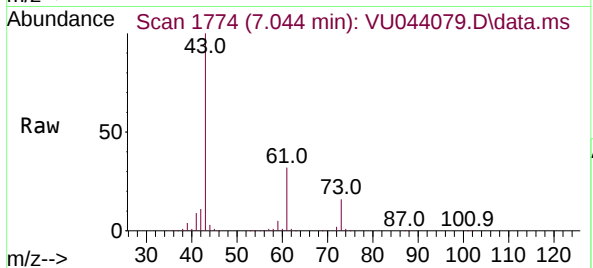


#45

1,2-Dichloropropane
Concen: 0.689 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.244 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Instrument :
MSVOA_U
ClientSampled :
18-B8(4-6)

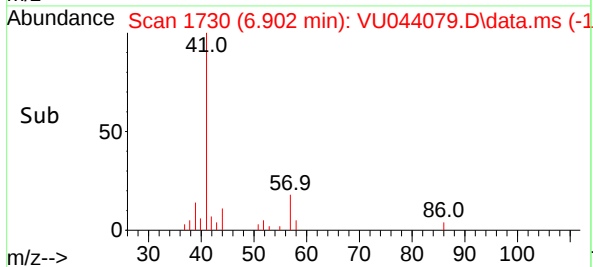
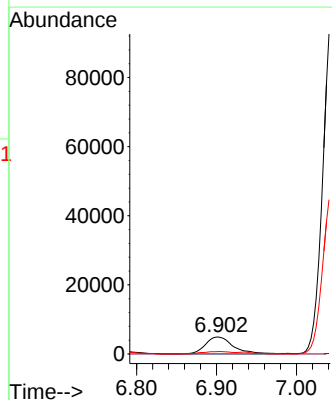
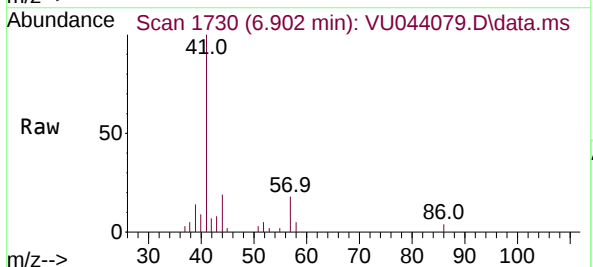
Tgt Ion: 63 Resp: 2723
Ion Ratio Lower Upper
63 100
65 0.0 26.3 39.5#

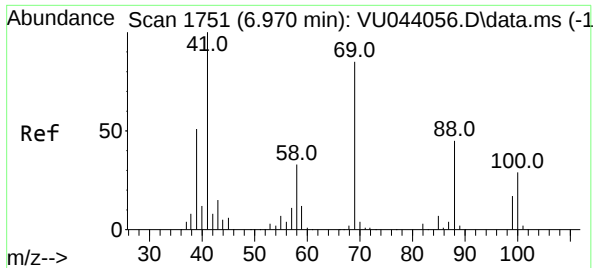


#48

Methyl methacrylate
Concen: 2.842 ug/l
RT: 6.902 min Scan# 1730
Delta R.T. -0.064 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Tgt Ion: 41 Resp: 11991
Ion Ratio Lower Upper
41 100
69 0.0 68.9 103.3#
39 0.0 40.6 60.8#





#49

1,4-Dioxane

Concen: 1.070 ug/l

RT: 7.041 min Scan# 1773

Delta R.T. 0.071 min

Lab File: VU044079.D

Acq: 08 Jun 2021 00:34

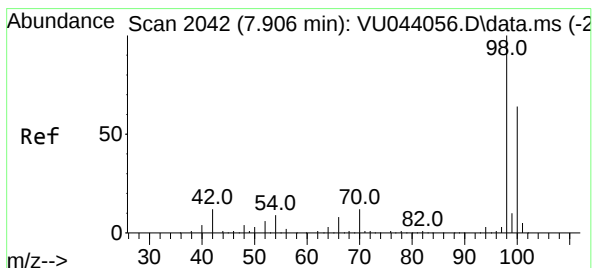
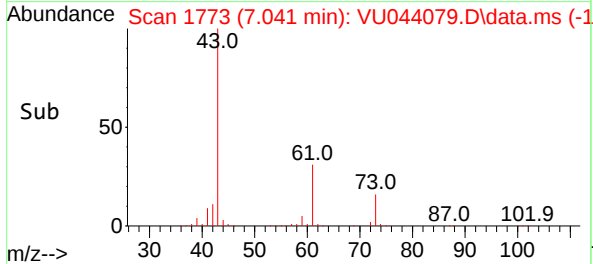
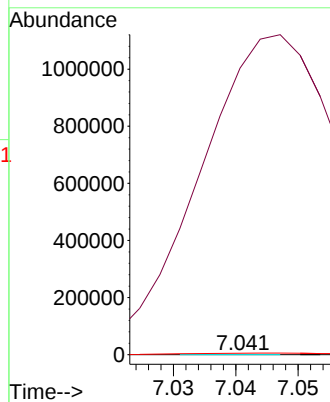
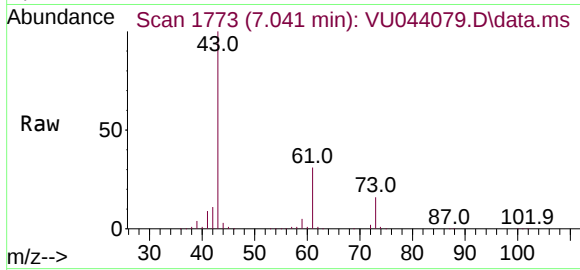
Tgt Ion: 88 Resp: 111

Ion Ratio Lower Upper

88 100

43 1736212.6 25.0 37.4#

58 9639.6 60.0 90.0#



#50

Toluene-d8

Concen: 50.241 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU044079.D

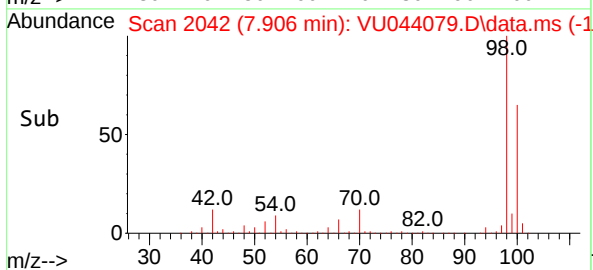
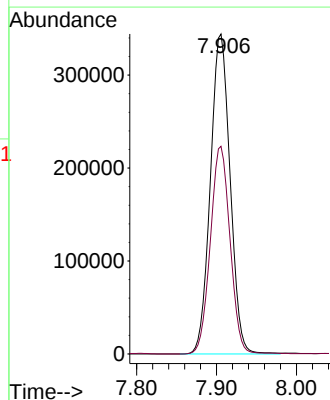
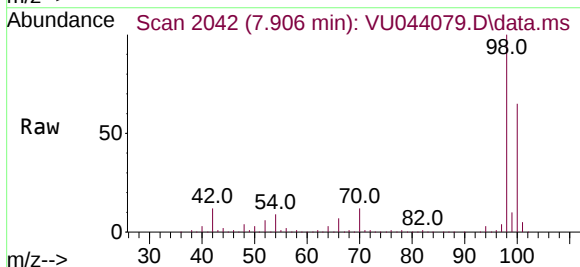
Acq: 08 Jun 2021 00:34

Tgt Ion: 98 Resp: 589635

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4

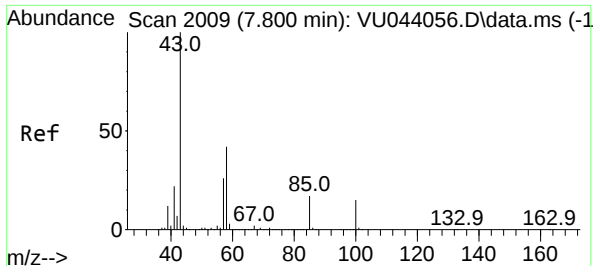


Instrument :

MSVOA_U

ClientSampleId :

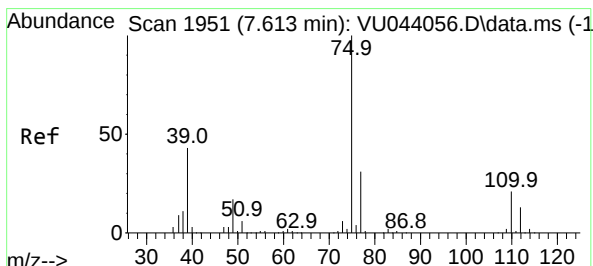
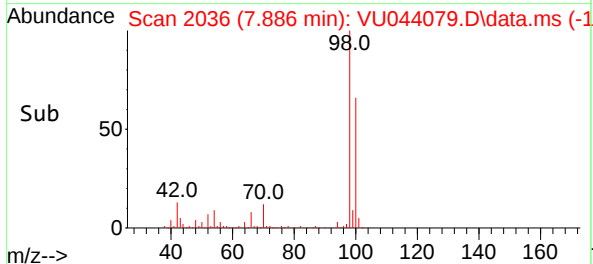
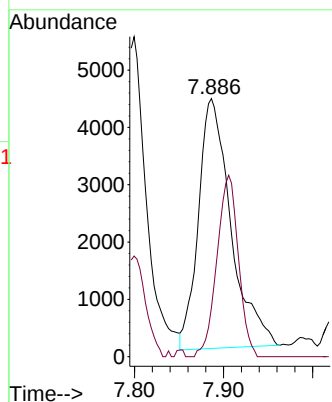
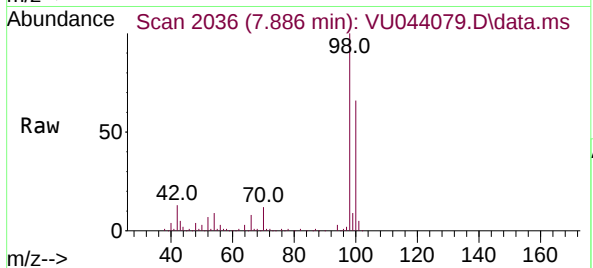
18-B8(4-6)



#51
4-Methyl-2-Pentanone
Concen: 1.738 ug/l
RT: 7.886 min Scan# 2036
Delta R.T. 0.087 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

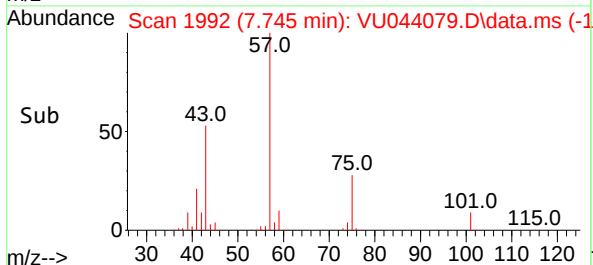
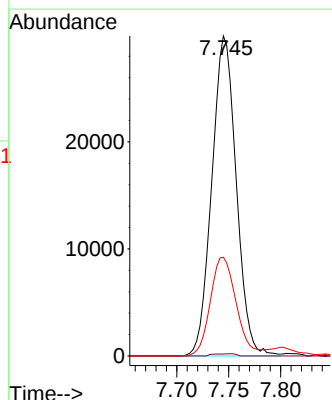
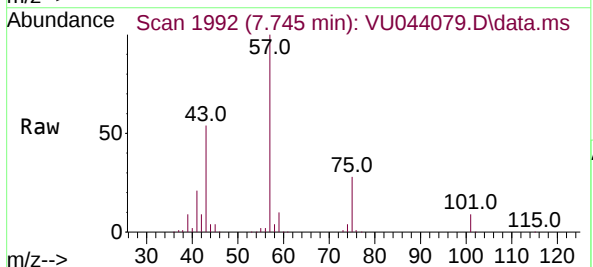
Instrument :
MSVOA_U
ClientSampled :
18-B8(4-6)

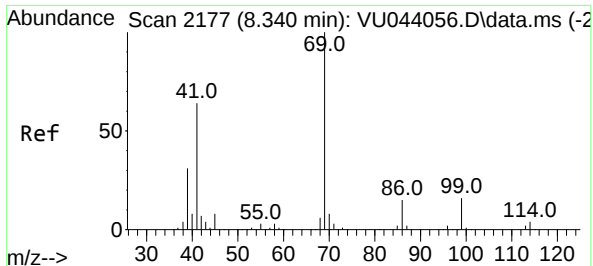
Tgt Ion: 43 Resp: 11043
Ion Ratio Lower Upper
43 100
58 48.0 33.3 49.9



#54
cis-1,3-Dichloropropene
Concen: 8.319 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Tgt Ion: 75 Resp: 48868
Ion Ratio Lower Upper
75 100
77 0.6 25.0 37.4#
39 30.8 34.7 52.1#

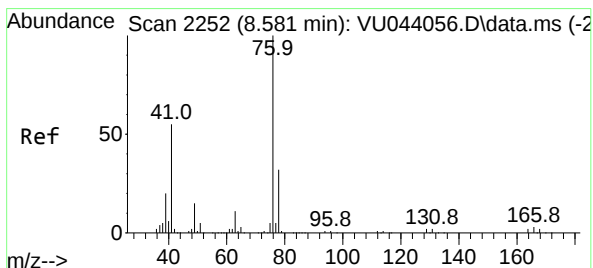
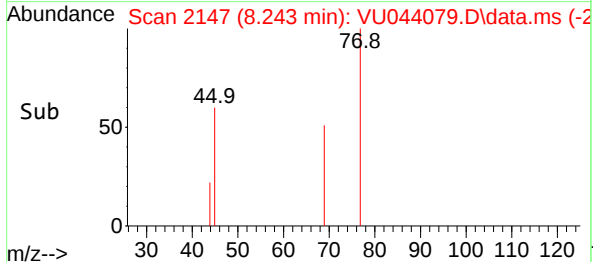
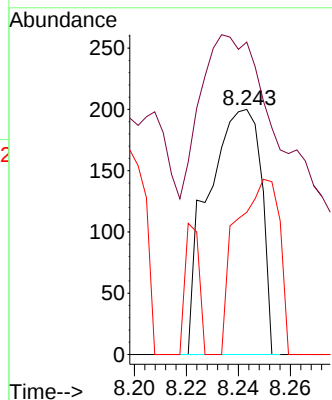
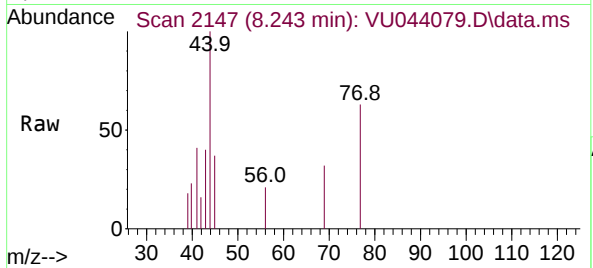




#56
Ethyl methacrylate
Concen: 3.427 ug/l
RT: 8.243 min Scan# 2147
Delta R.T. -0.097 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

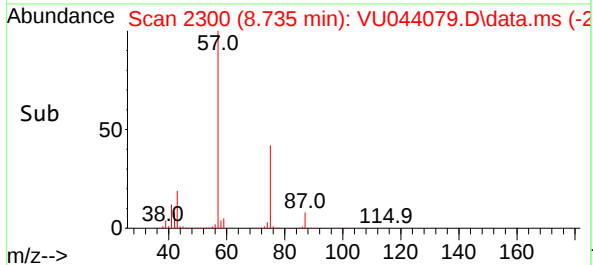
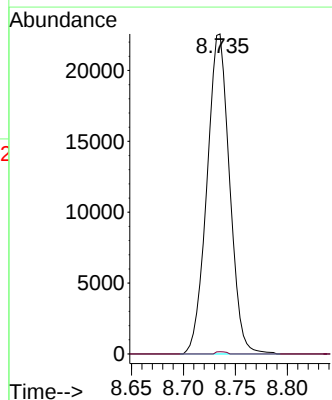
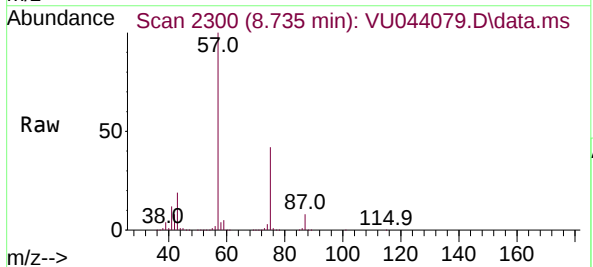
Instrument :
MSVOA_U
ClientSampleId :
18-B8(4-6)

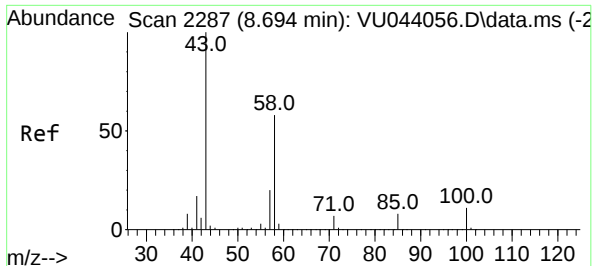
Tgt Ion: 69 Resp: 283
Ion Ratio Lower Upper
69 100
41 254.4 51.4 77.0#
39 0.0 24.9 37.3#



#57
1,3-Dichloropropane
Concen: 5.283 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.154 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Tgt Ion: 76 Resp: 34175
Ion Ratio Lower Upper
76 100
78 0.3 25.9 38.9#

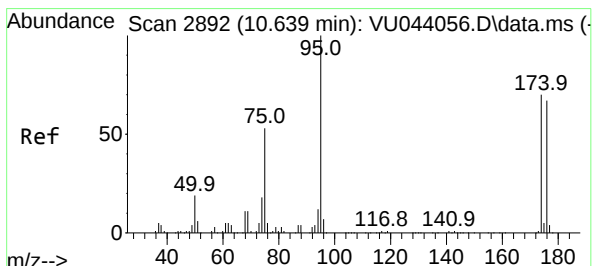
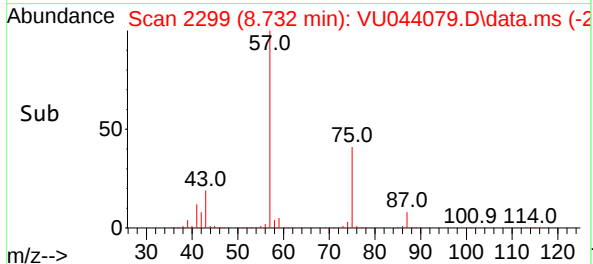
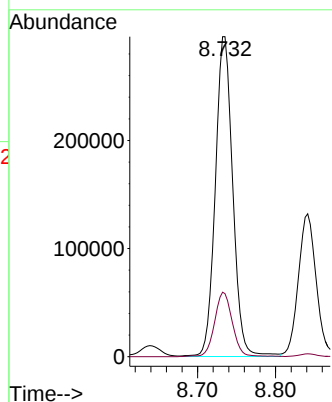
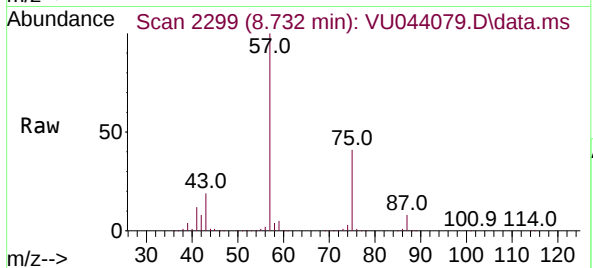




#59
2-Hexanone
Concen: 93.292 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.038 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

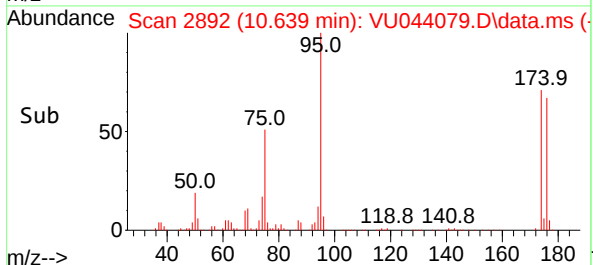
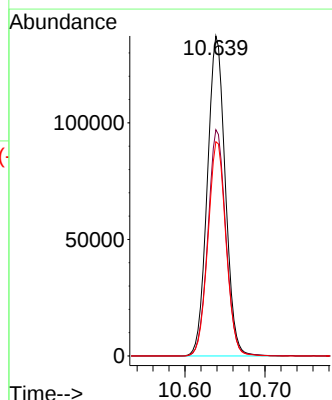
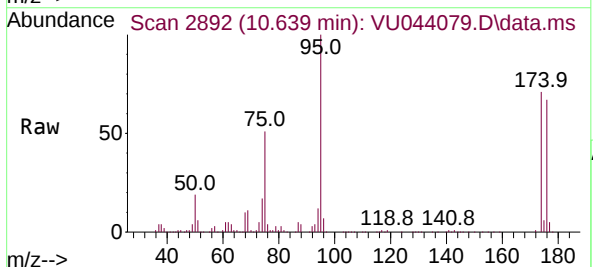
Instrument :
MSVOA_U
ClientSampleId :
18-B8(4-6)

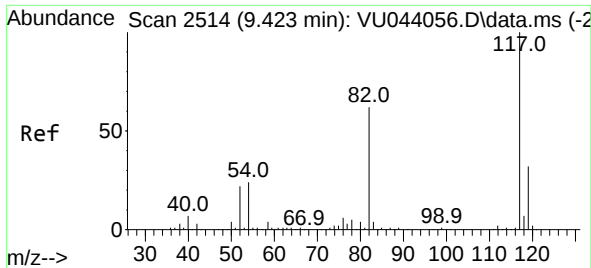
Tgt Ion: 43 Resp: 460689
Ion Ratio Lower Upper
43 100
58 20.5 29.0 87.1#



#62
4-Bromofluorobenzene
Concen: 46.116 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Tgt Ion: 95 Resp: 214278
Ion Ratio Lower Upper
95 100
174 70.7 0.0 141.0
176 67.2 0.0 135.2

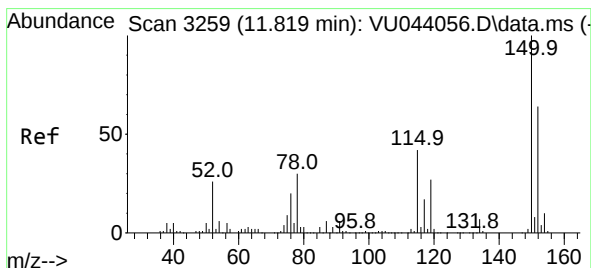
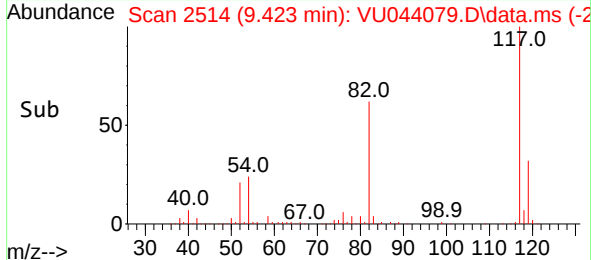
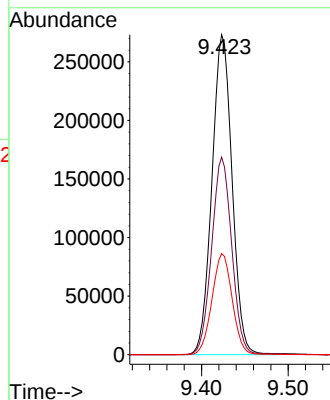
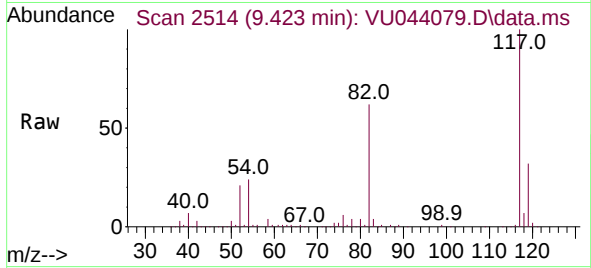




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

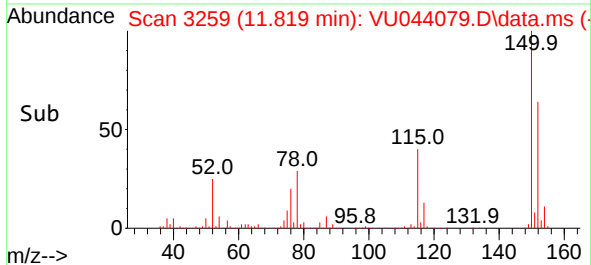
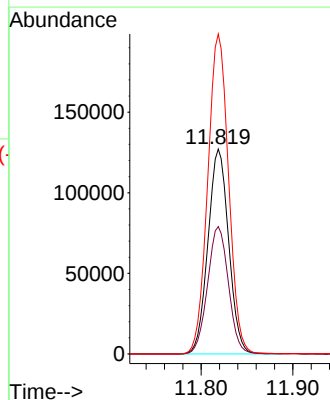
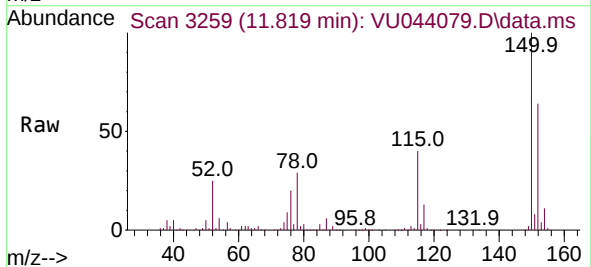
Instrument :
MSVOA_U
ClientSampleId :
18-B8(4-6)

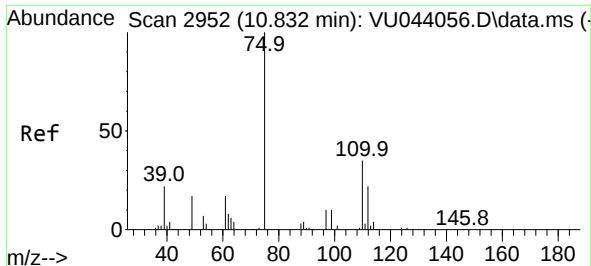
Tgt Ion:117 Resp: 442403
Ion Ratio Lower Upper
117 100
82 61.7 50.0 75.0
119 31.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Tgt Ion:152 Resp: 199608
Ion Ratio Lower Upper
152 100
115 62.7 44.6 134.0
150 156.8 0.0 347.8

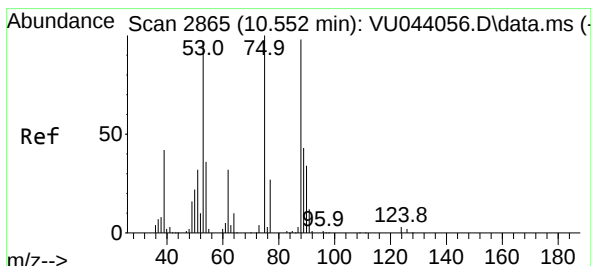
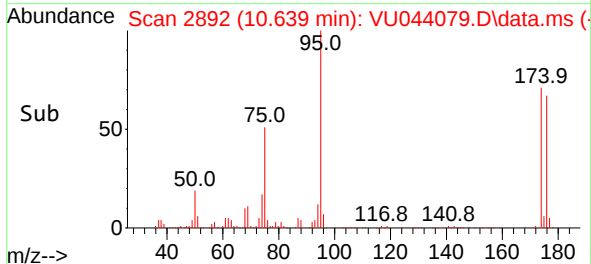
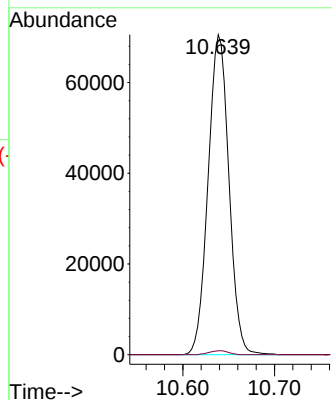
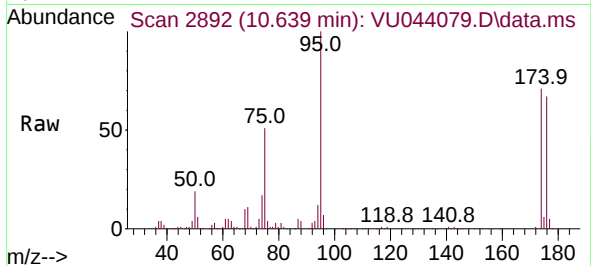




#76
1,2,3-Trichloropropane
Concen: 19.922 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

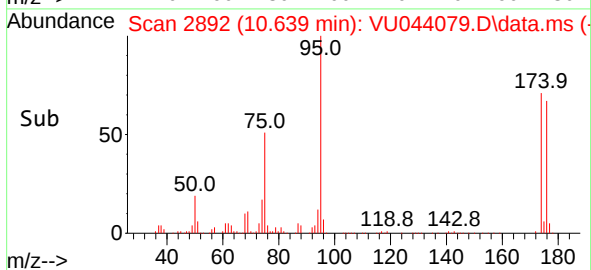
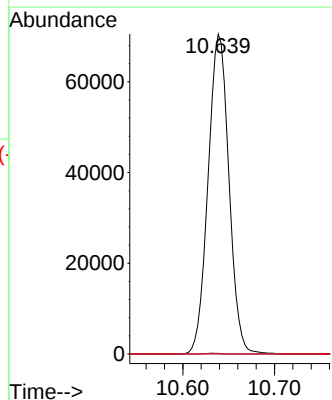
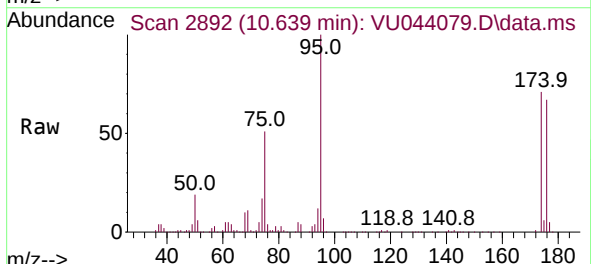
Instrument :
MSVOA_U
ClientSampleId :
18-B8(4-6)

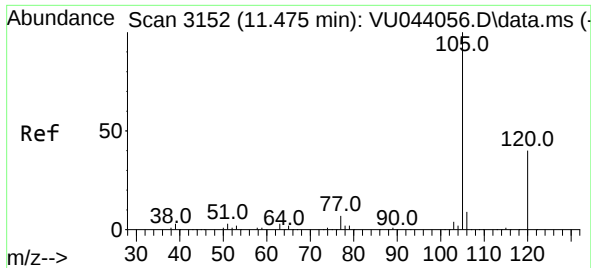
Tgt Ion: 75 Resp: 111241
Ion Ratio Lower Upper
75 100
77 1.1 16.9 50.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.171 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Tgt Ion: 75 Resp: 111241
Ion Ratio Lower Upper
75 100
53 0.1 76.9 115.3#
89 0.0 33.8 50.8#

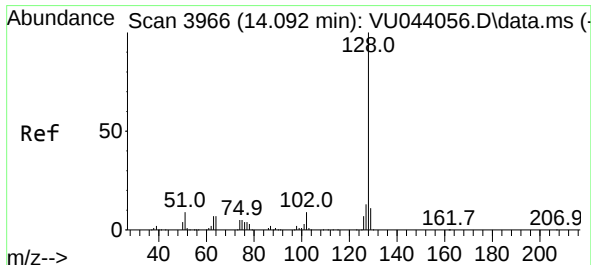
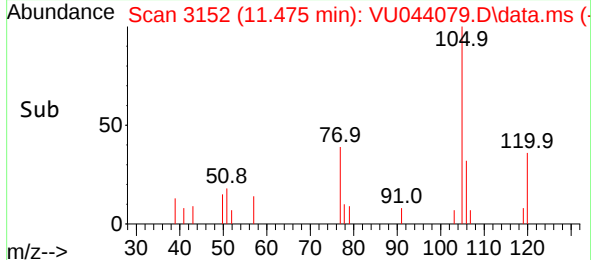
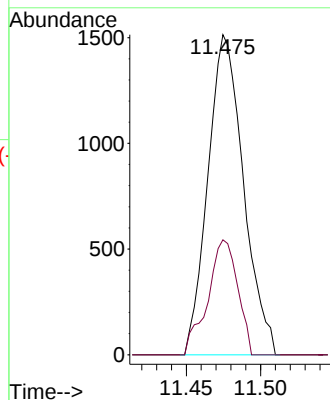
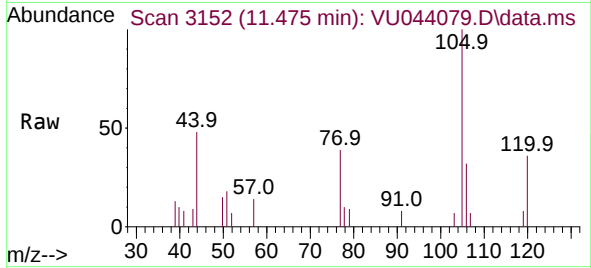




#84
1,2,4-Trimethylbenzene
Concen: 1.140 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Instrument :
MSVOA_U
ClientSampleId :
18-B8(4-6)

Tgt Ion:105 Resp: 2518
Ion Ratio Lower Upper
105 100
120 30.2 21.9 65.7



#95
Naphthalene
Concen: 24.063 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044079.D
Acq: 08 Jun 2021 00:34

Tgt Ion:128 Resp: 306241
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.7 13.1

