

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
 Data File : VU044078.D
 Acq On : 08 Jun 2021 00:10
 Operator : SY/MD
 Sample : M2589-25
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 18-B8(2-4)

Quant Time: Jun 08 05:47:55 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)

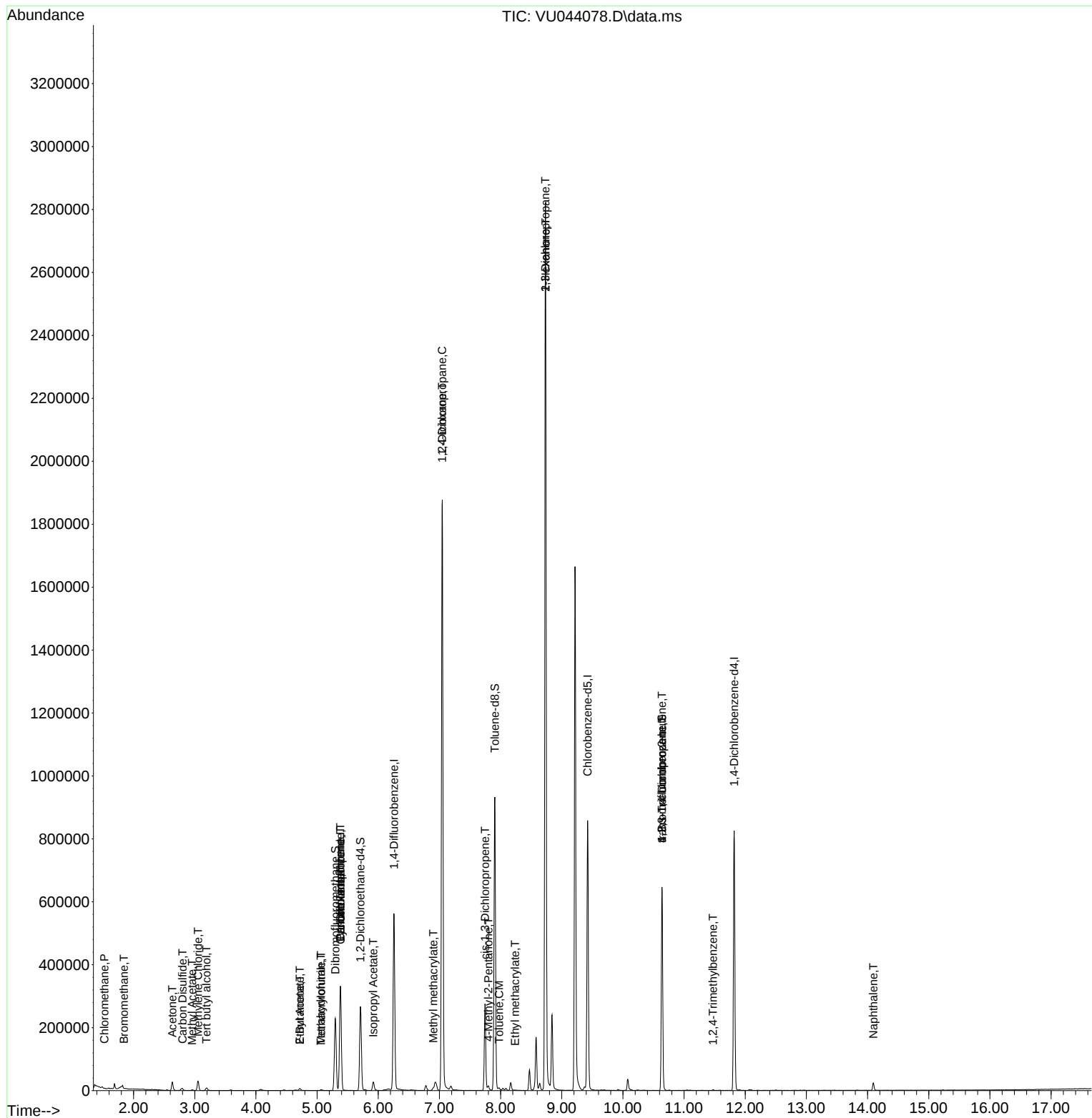
Internal Standards						
1) Pentafluorobenzene	5.382	168	212655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	423321	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	448248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	203275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	194683	52.567	ug/l	0.00
Spiked Amount	50.000		Recovery	= 105.140%		
35) Dibromofluoromethane	5.298	113	148249	49.074	ug/l	0.00
Spiked Amount	50.000		Recovery	= 98.140%		
50) Toluene-d8	7.906	98	591063	50.725	ug/l	0.00
Spiked Amount	50.000		Recovery	= 101.460%		
62) 4-Bromofluorobenzene	10.639	95	216731	46.979	ug/l	0.00
Spiked Amount	50.000		Recovery	= 93.960%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1063	0.242	ug/l	95
5) Bromomethane	1.842	94	489	0.300	ug/l #	74
11) Tert butyl alcohol	3.189	59	5831	6.351	ug/l #	72
16) Acetone	2.633	43	30433	14.238	ug/l	94
17) Carbon Disulfide	2.800	76	5924	0.680	ug/l	98
18) Methyl Acetate	2.957	43	2836	0.602	ug/l	92
20) Methylene Chloride	3.054	84	14144	2.809	ug/l	96
25) 2-Butanone	4.716	43	9388	3.078	ug/l	99
29) Tetrahydrofuran	5.063	42	2013	1.189	ug/l #	72
31) Cyclohexane	5.385	56	5132	1.004	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	19829	4.158	ug/l #	50
37) Ethyl Acetate	4.716	43	9388	1.563	ug/l #	68
38) Carbon Tetrachloride	5.382	117	23406	5.432	ug/l #	17
41) Methacrylonitrile	5.067	41	1176	0.372	ug/l #	47
43) Isopropyl Acetate	5.919	43	29101	3.425	ug/l	99
45) 1,2-Dichloropropane	7.044	63	2062	0.526	ug/l #	42
48) Methyl methacrylate	6.903	41	11064	2.641	ug/l #	14
49) 1,4-Dioxane	7.047	88	98	0.952	ug/l #	1
51) 4-Methyl-2-Pentanone	7.800	43	9624	1.525	ug/l #	83
52) Toluene	7.976	92	1943	0.232	ug/l	87
54) cis-1,3-Dichloropropene	7.745	75	47509	8.146	ug/l #	66
56) Ethyl methacrylate	8.240	69	123	3.404	ug/l #	26
57) 1,3-Dichloropropane	8.732	76	28293	4.405	ug/l #	42
59) 2-Hexanone	8.735	43	381361	77.783	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	114015	20.050	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.639	75	114015	58.546	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.475	105	1459	1.058	ug/l	80
95) Naphthalene	14.095	128	19545	4.175	ug/l	99

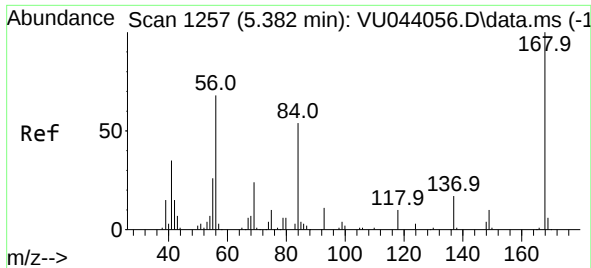
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
Data File : VU044078.D
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Quant Title : SW846 8260
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Response via : Initial Calibration

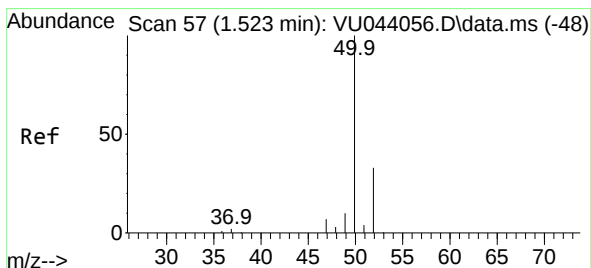
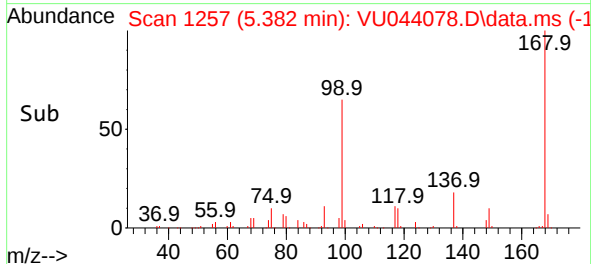
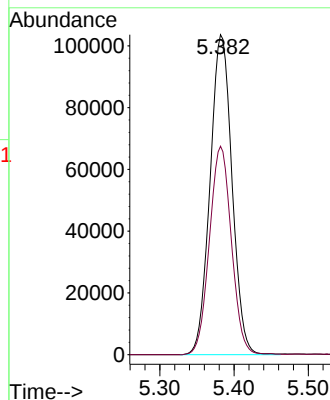
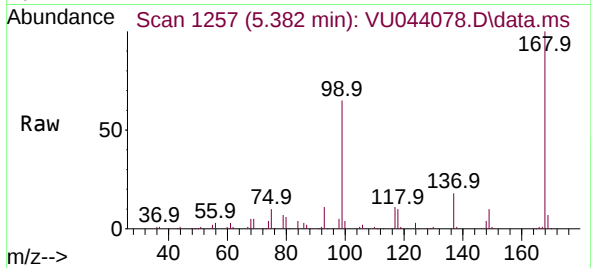




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

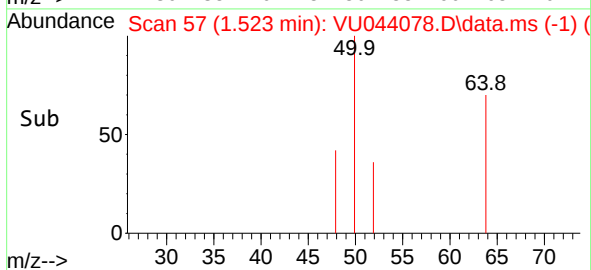
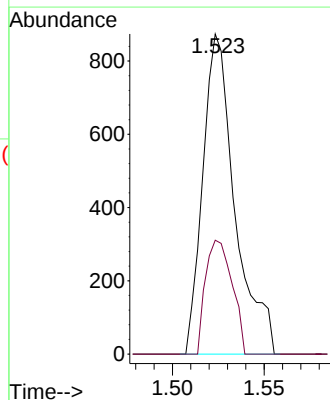
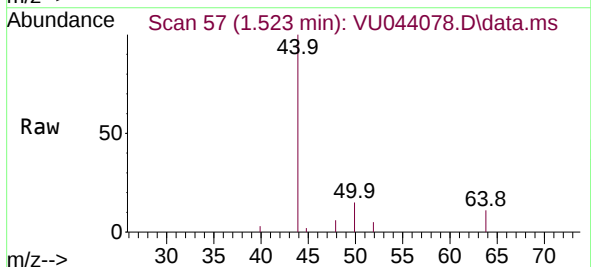
Instrument :
MSVOA_U
ClientSampleId :
18-B8(2-4)

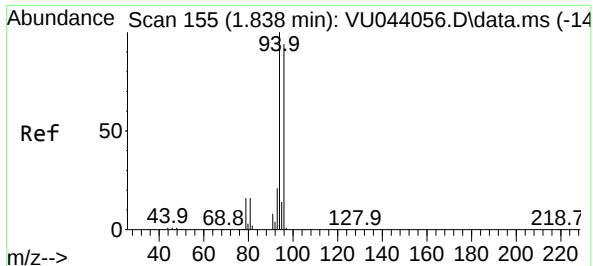
Tgt Ion:168 Resp: 212655
Ion Ratio Lower Upper
168 100
99 65.1 52.6 78.8



#3
Chloromethane
Concen: 0.242 ug/l
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Tgt Ion: 50 Resp: 1063
Ion Ratio Lower Upper
50 100
52 35.6 26.2 39.2

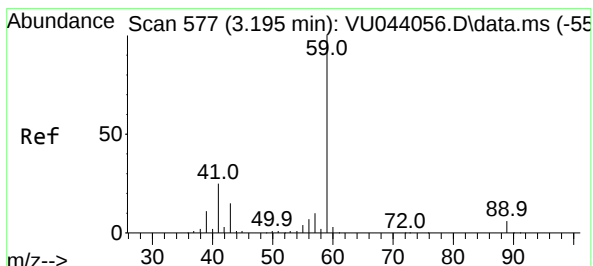
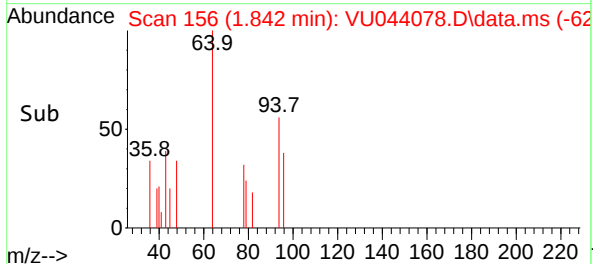
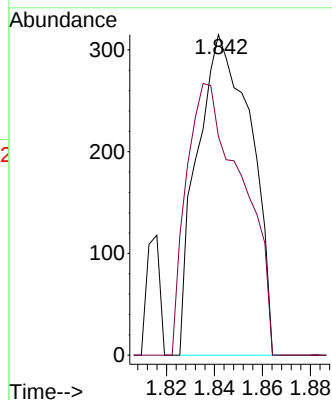
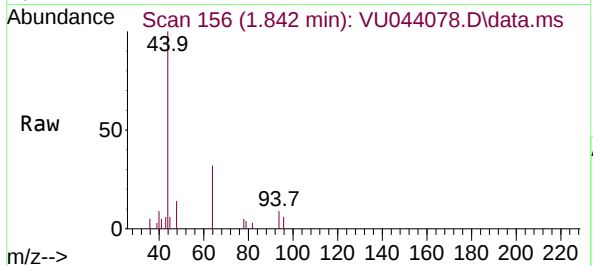




#5
Bromomethane
Concen: 0.300 ug/l
RT: 1.842 min Scan# 156
Delta R.T. 0.004 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

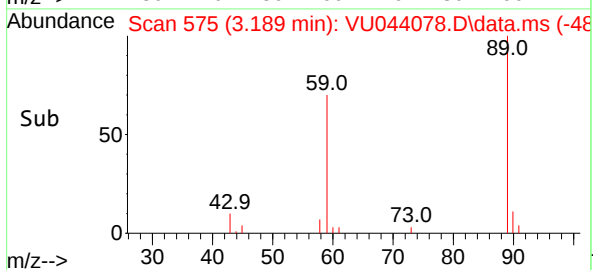
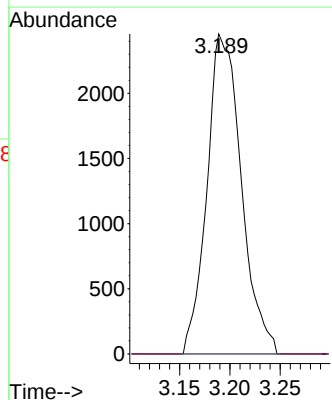
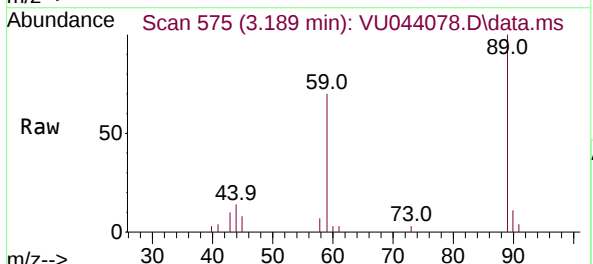
Instrument :
MSVOA_U
ClientSampleId :
18-B8(2-4)

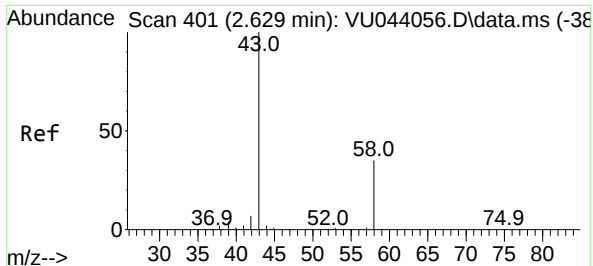
Tgt Ion: 94 Resp: 489
Ion Ratio Lower Upper
94 100
96 68.3 74.8 112.2#



#11
Tert butyl alcohol
Concen: 6.351 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.006 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Tgt Ion: 59 Resp: 5831
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

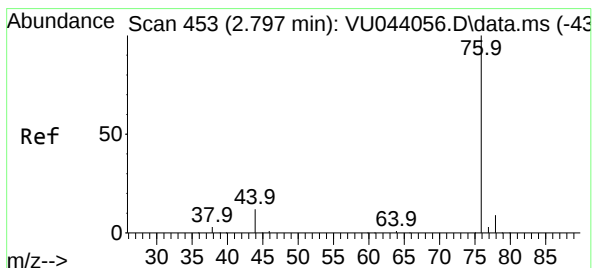
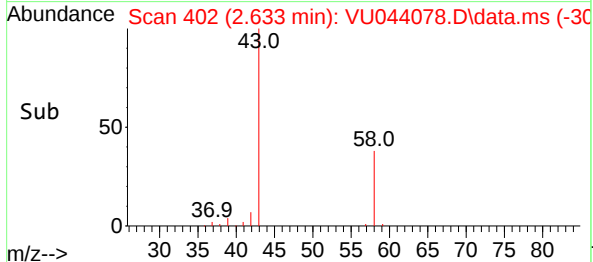
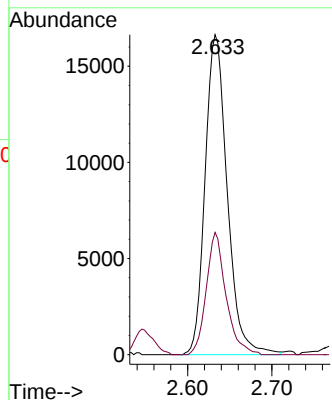
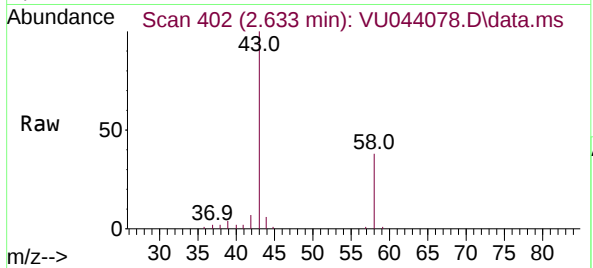




#16
Acetone
Concen: 14.238 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

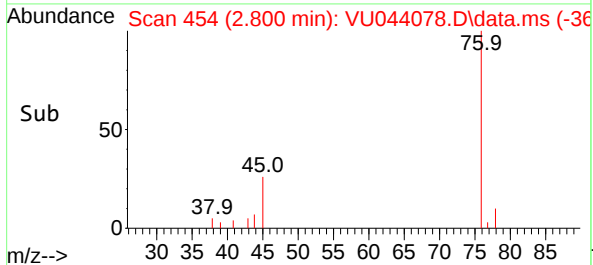
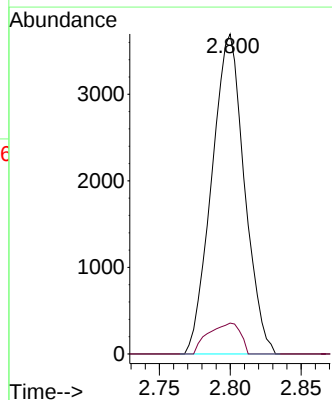
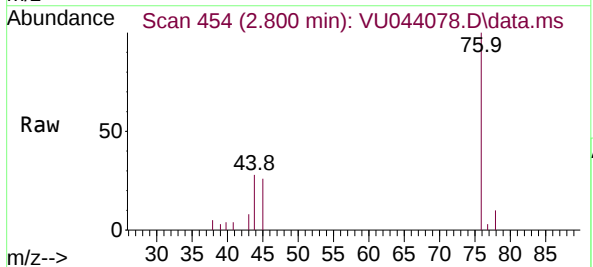
Instrument :
MSVOA_U
ClientSampleId :
18-B8(2-4)

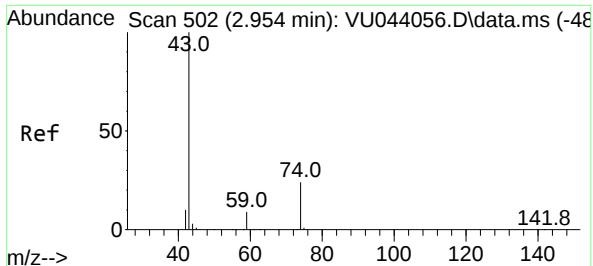
Tgt Ion: 43 Resp: 30433
Ion Ratio Lower Upper
43 100
58 38.2 27.7 41.5



#17
Carbon Disulfide
Concen: 0.680 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

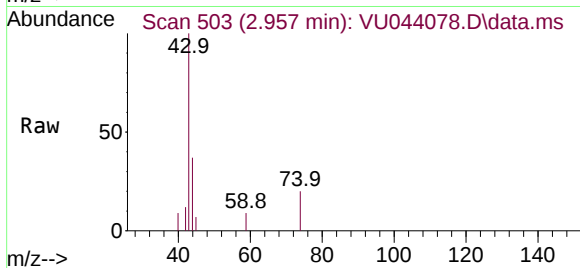
Tgt Ion: 76 Resp: 5924
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



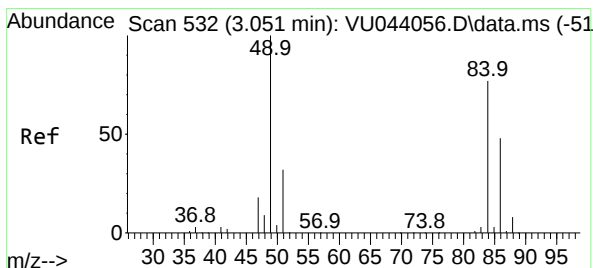
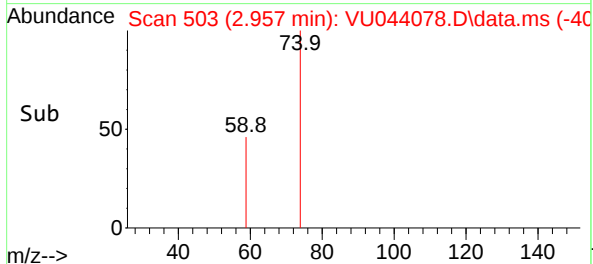
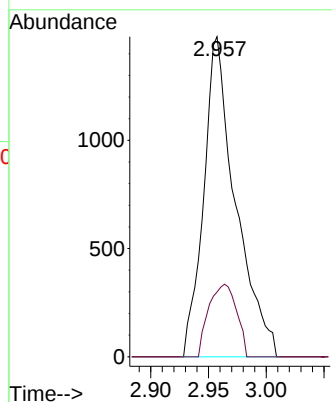


#18
Methyl Acetate
Concen: 0.602 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Instrument :
MSVOA_U
ClientSampled :
18-B8(2-4)

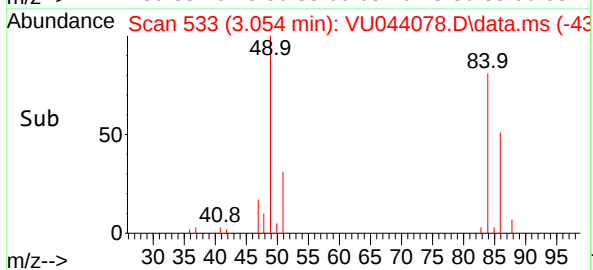
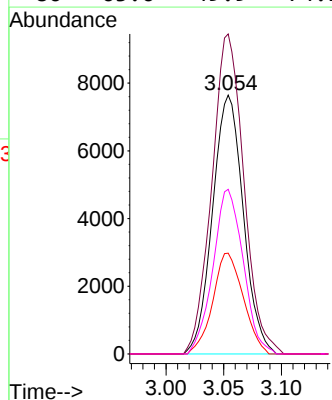
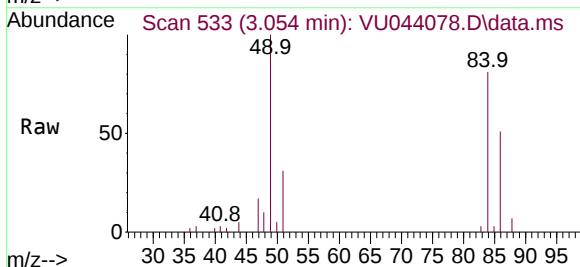


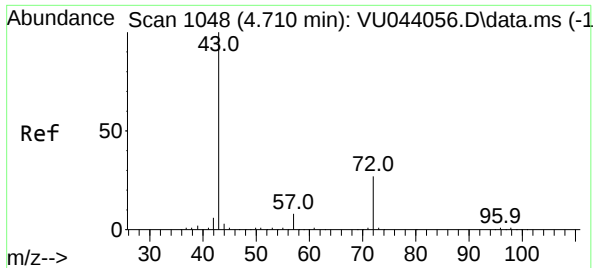
Tgt Ion: 43 Resp: 2836
Ion Ratio Lower Upper
43 100
74 19.7 18.7 28.1



#20
Methylene Chloride
Concen: 2.809 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Tgt Ion: 84 Resp: 14144
Ion Ratio Lower Upper
84 100
49 123.6 103.6 155.4
51 38.9 32.8 49.2
86 63.6 49.9 74.9

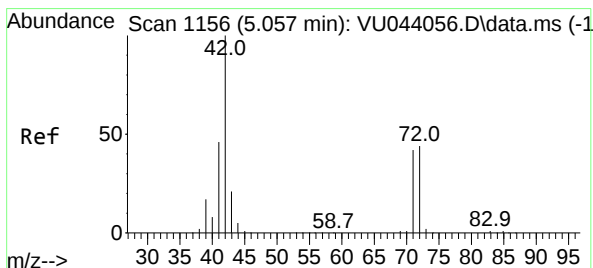
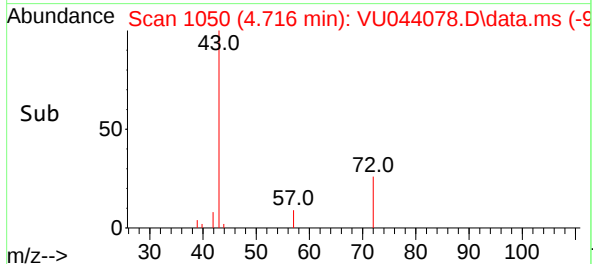
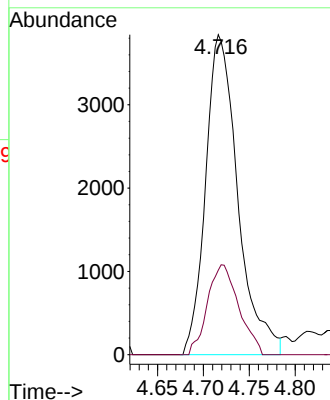
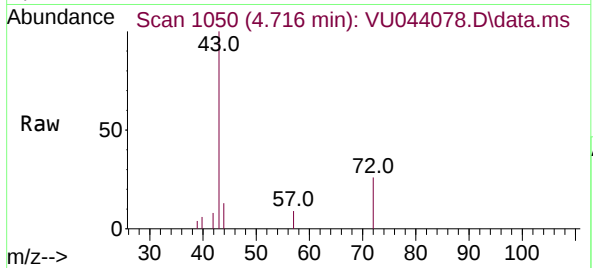




#25
2-Butanone
Concen: 3.078 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

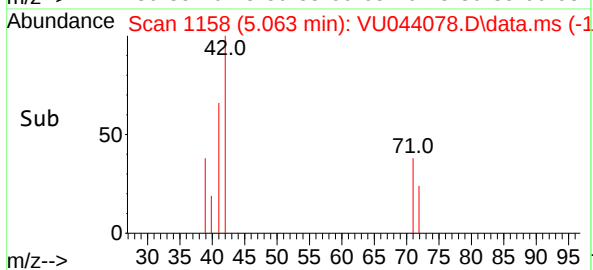
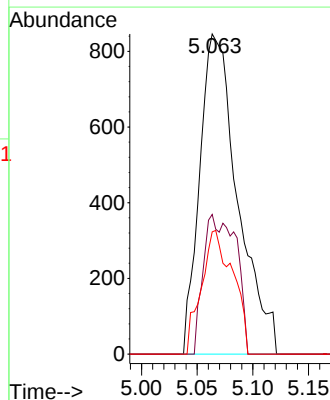
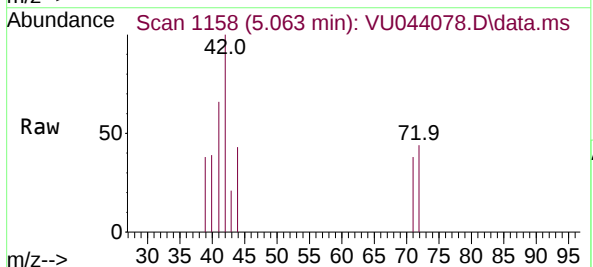
Instrument :
MSVOA_U
ClientSampleId :
18-B8(2-4)

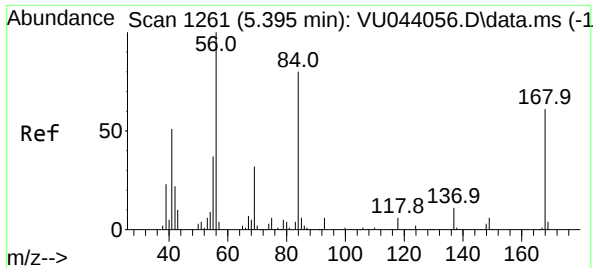
Tgt Ion: 43 Resp: 9388
Ion Ratio Lower Upper
43 100
72 26.4 21.4 32.2



#29
Tetrahydrofuran
Concen: 1.189 ug/l
RT: 5.063 min Scan# 1158
Delta R.T. 0.006 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Tgt Ion: 42 Resp: 2013
Ion Ratio Lower Upper
42 100
72 18.7 35.6 53.4#
71 31.9 33.3 49.9#

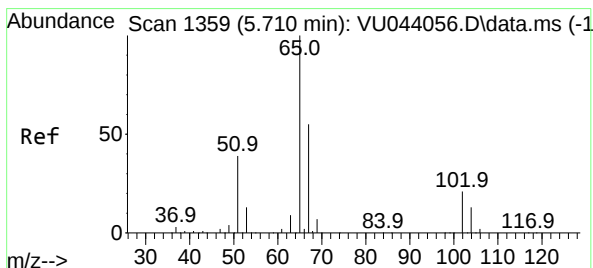
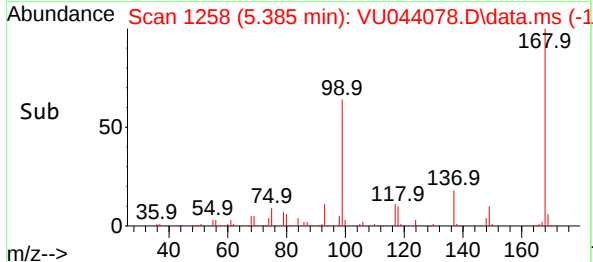
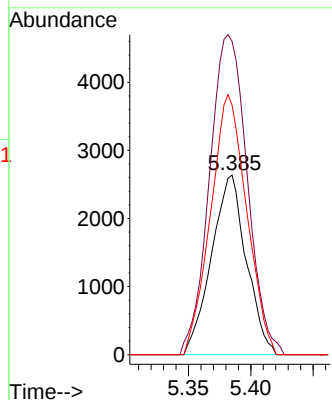
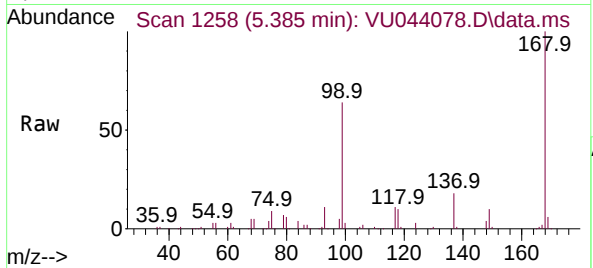




#31
Cyclohexane
Concen: 1.004 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

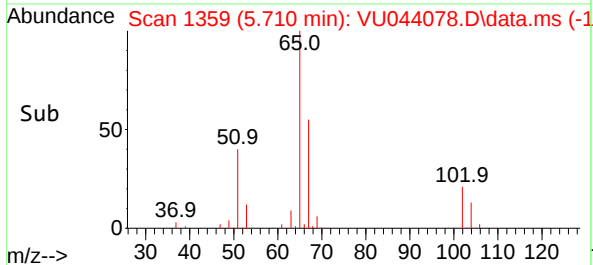
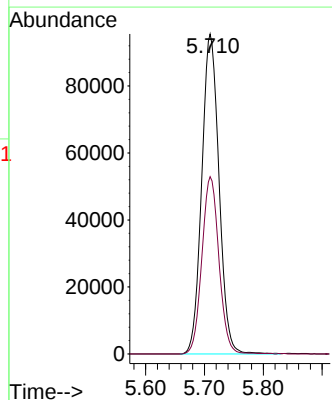
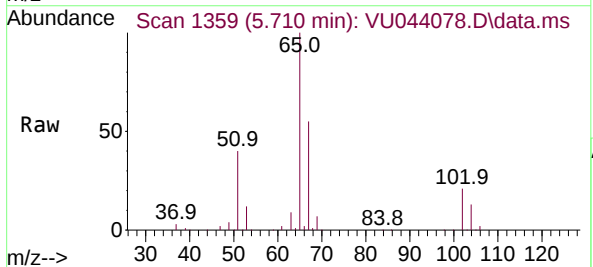
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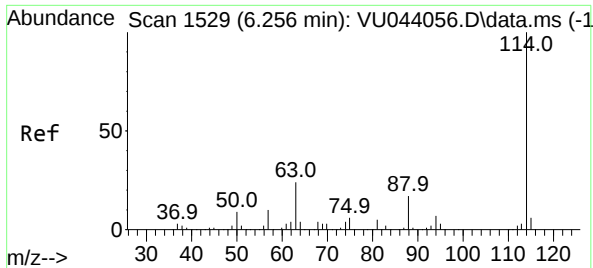
Tgt Ion: 56 Resp: 5132
Ion Ratio Lower Upper
56 100
69 174.5 25.4 38.2#
84 139.0 64.2 96.2#



#33
1,2-Dichloroethane-d4
Concen: 52.567 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Tgt Ion: 65 Resp: 194683
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.2

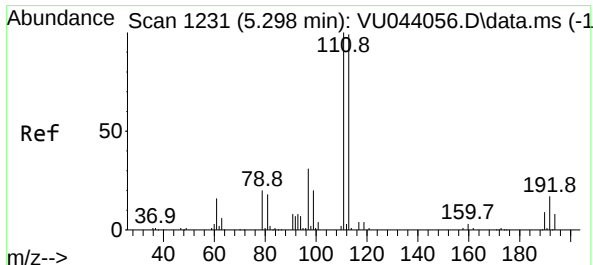
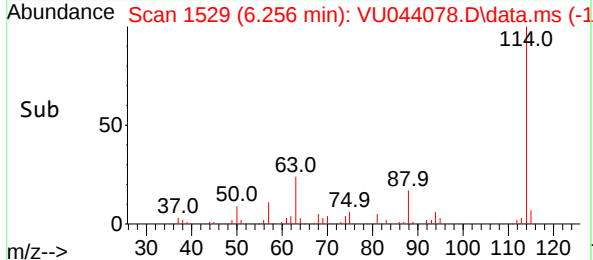
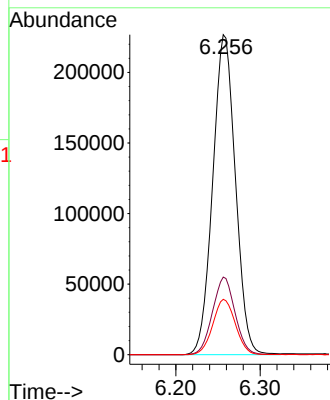
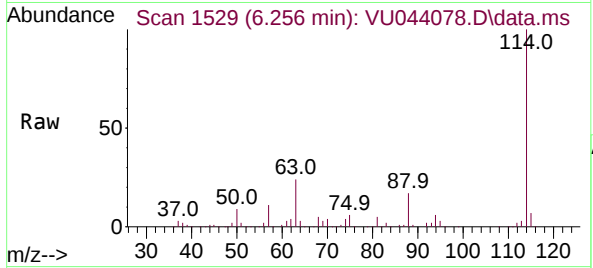




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

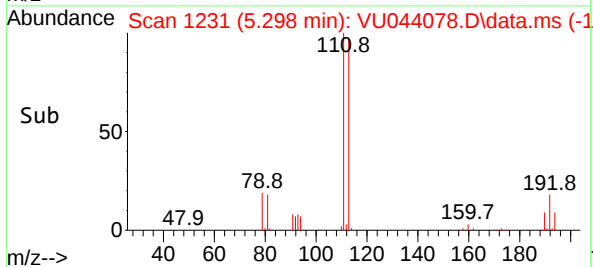
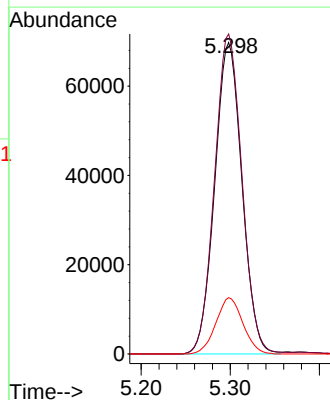
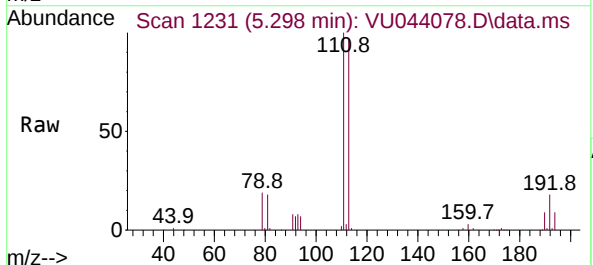
Instrument :
MSVOA_U
ClientSampleId :
18-B8(2-4)

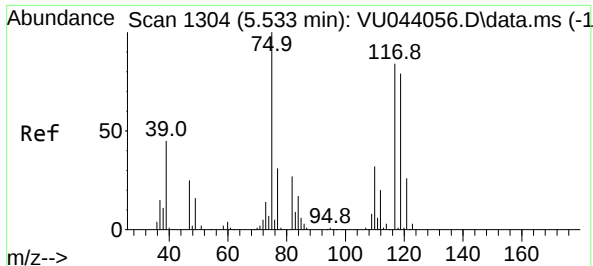
Tgt Ion:	114	Resp:	423321
Ion Ratio	Lower	Upper	
114	100		
63	24.2	0.0	48.4
88	17.3	0.0	34.4



#35
Dibromofluoromethane
Concen: 49.074 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

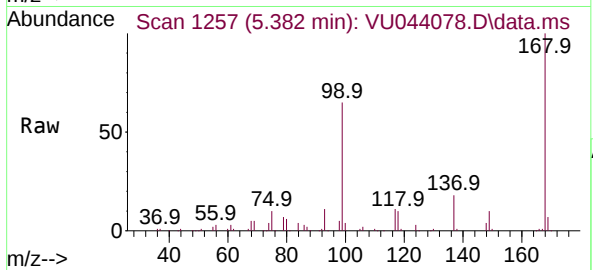
Tgt Ion:	113	Resp:	148249
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.1	123.1
192	17.9	13.8	20.8



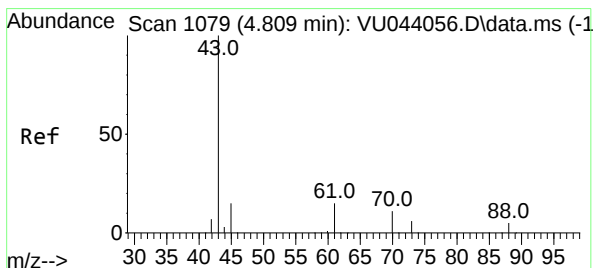
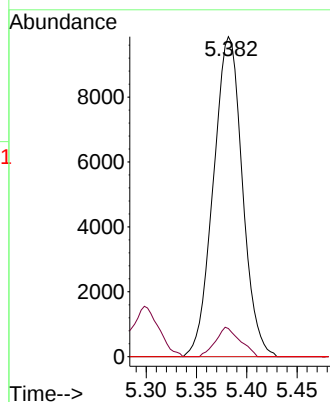
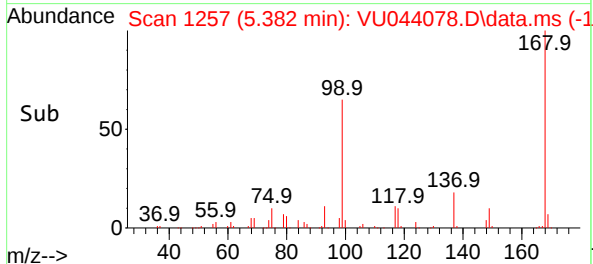


#36
1,1-Dichloropropene
Concen: 4.158 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

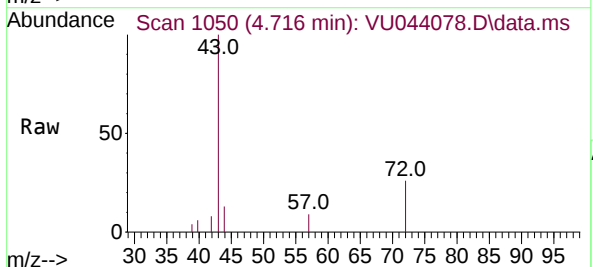
Instrument :
MSVOA_U
ClientSampled :
18-B8(2-4)



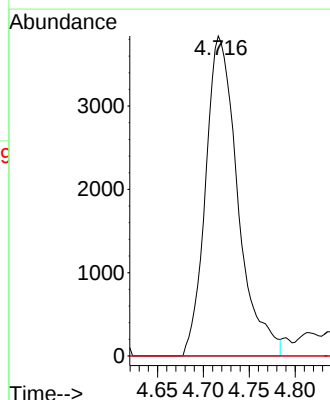
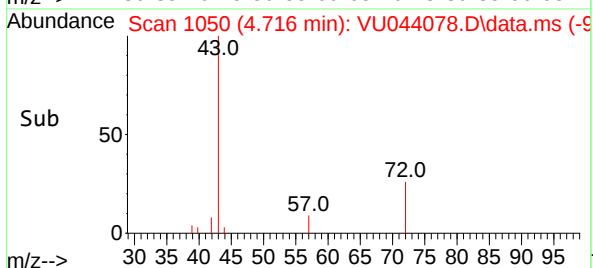
Tgt Ion: 75 Resp: 19829
Ion Ratio Lower Upper
75 100
110 7.7 15.9 47.7#
77 0.0 25.0 37.4#

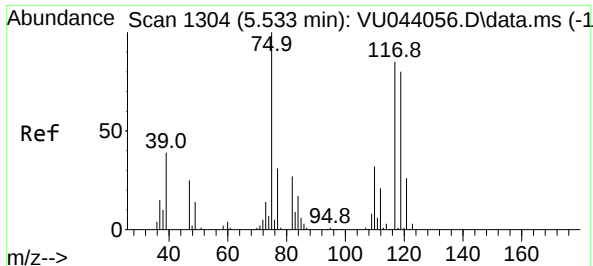


#37
Ethyl Acetate
Concen: 1.563 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. -0.093 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10



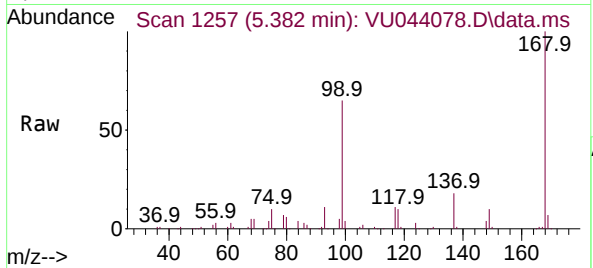
Tgt Ion: 43 Resp: 9388
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.2#
70 0.0 8.6 12.8#



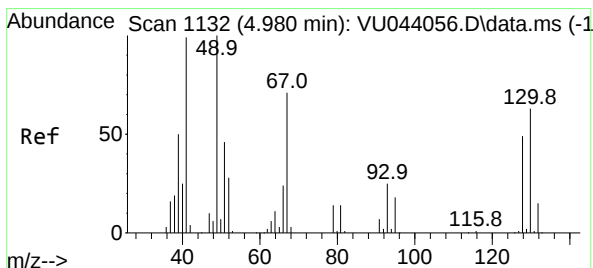
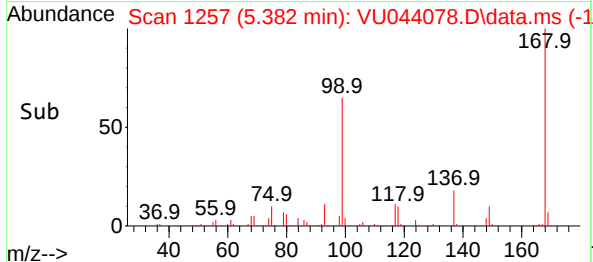
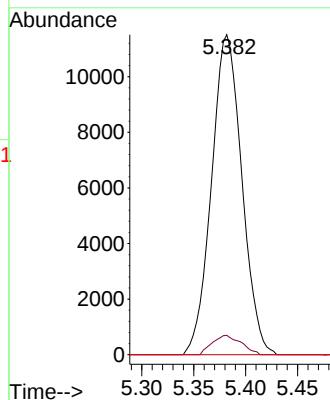


#38
Carbon Tetrachloride
Concen: 5.432 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Instrument :
MSVOA_U
ClientSampled :
18-B8(2-4)

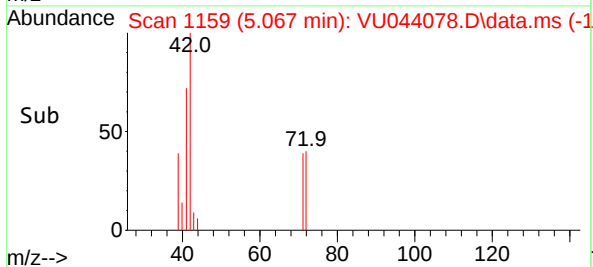
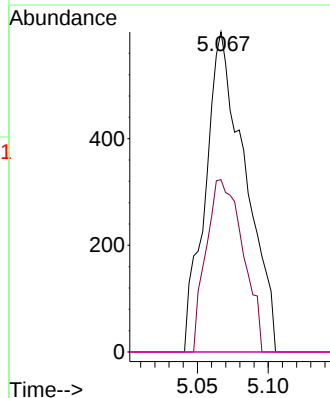
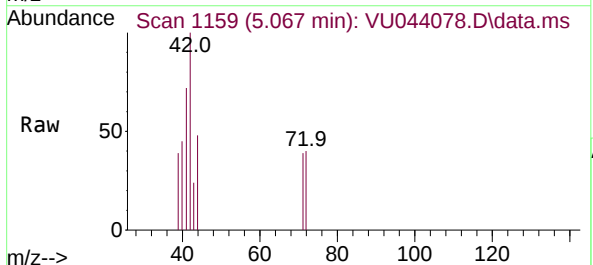


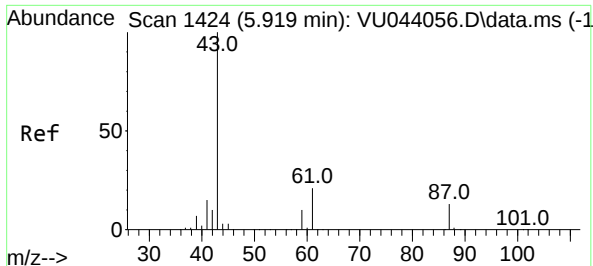
Tgt Ion:117 Resp: 23406
Ion Ratio Lower Upper
117 100
119 6.0 75.4 113.2#
121 0.0 24.5 36.7#



#41
Methacrylonitrile
Concen: 0.372 ug/l
RT: 5.067 min Scan# 1159
Delta R.T. 0.087 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Tgt Ion: 41 Resp: 1176
Ion Ratio Lower Upper
41 100
39 49.6 41.4 62.2
67 0.0 59.4 89.2#
52 0.0 23.1 34.7#

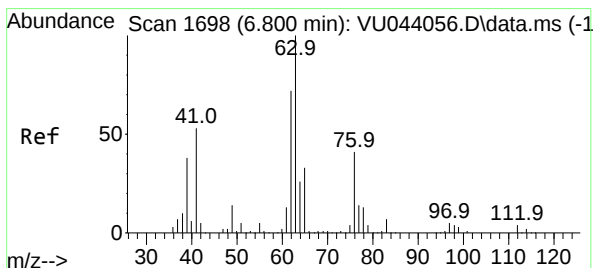
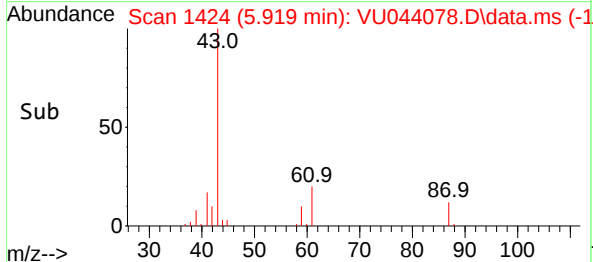
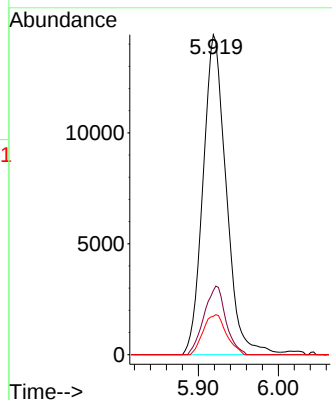
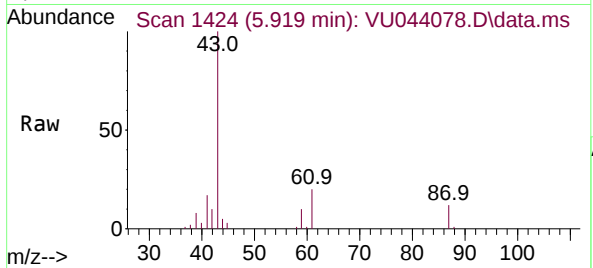




#43
Isopropyl Acetate
Concen: 3.425 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

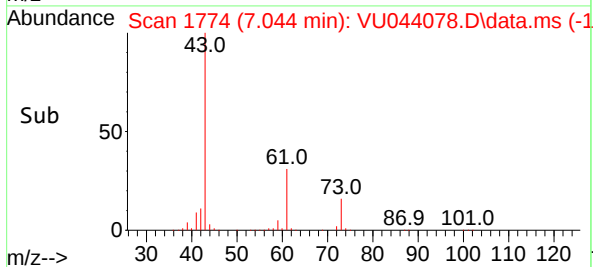
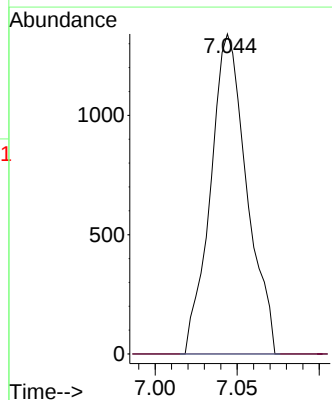
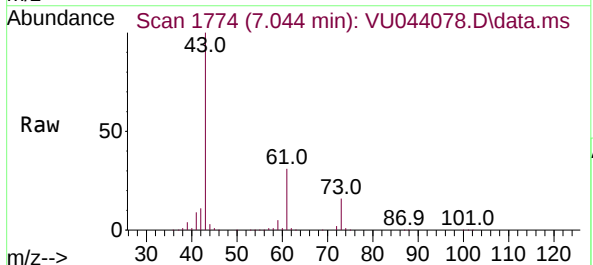
Instrument :
MSVOA_U
ClientSampleId :
18-B8(2-4)

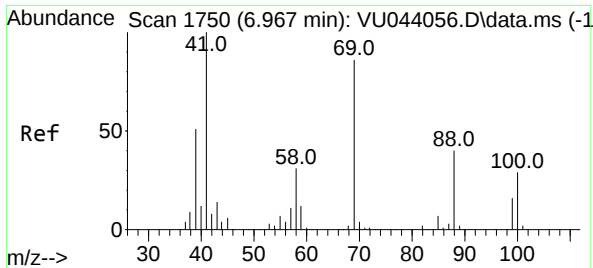
Tgt Ion:	43	Resp:	29101
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.8	25.2
87	12.5	10.2	15.2



#45
1,2-Dichloropropane
Concen: 0.526 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.244 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Tgt Ion:	63	Resp:	2062
Ion	Ratio	Lower	Upper
63	100		
65	0.0	26.3	39.5#

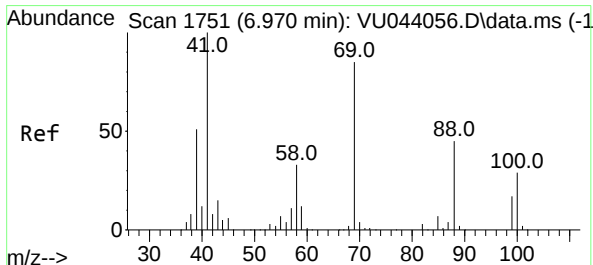
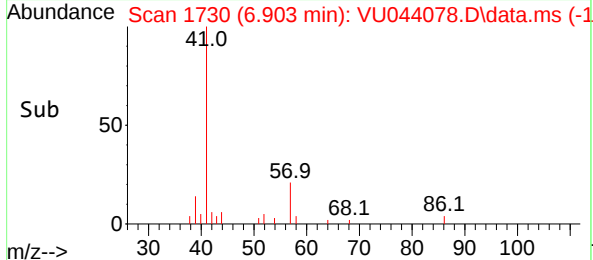
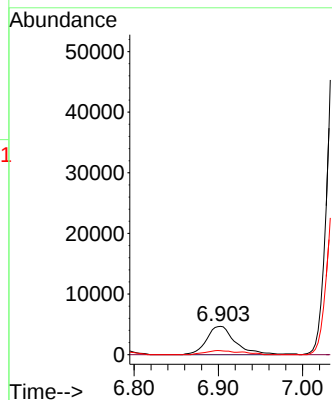
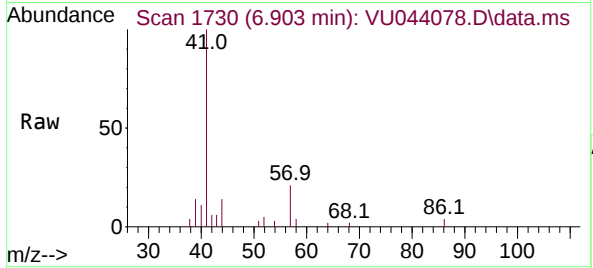




#48
Methyl methacrylate
Concen: 2.641 ug/l
RT: 6.903 min Scan# 1730
Delta R.T. -0.064 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

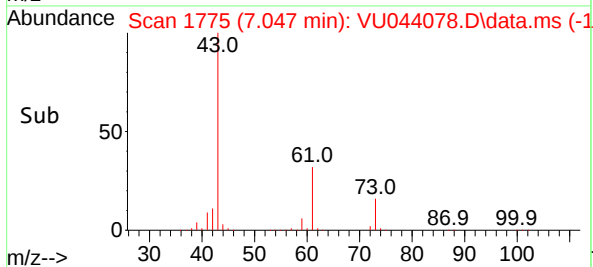
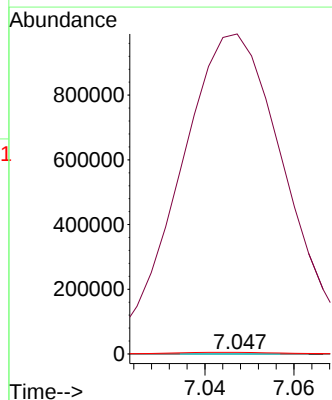
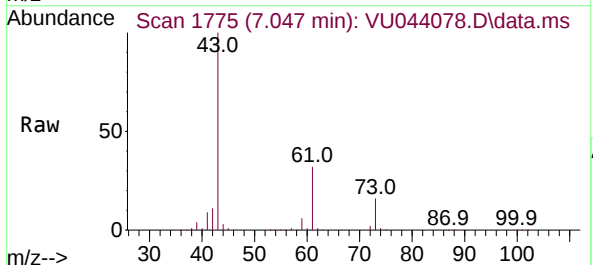
Instrument :
MSVOA_U
ClientSampled :
18-B8(2-4)

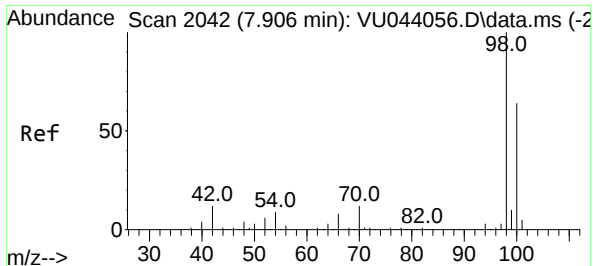
Tgt Ion: 41 Resp: 11064
Ion Ratio Lower Upper
41 100
69 0.0 68.9 103.3#
39 0.0 40.6 60.8#



#49
1,4-Dioxane
Concen: 0.952 ug/l
RT: 7.047 min Scan# 1775
Delta R.T. 0.077 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Tgt Ion: 88 Resp: 98
Ion Ratio Lower Upper
88 100
43 1727601.0 25.0 37.4#
58 9195.9 60.0 90.0#

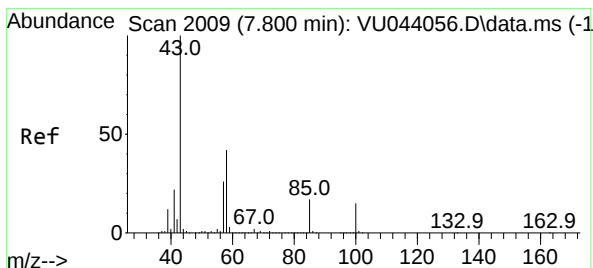
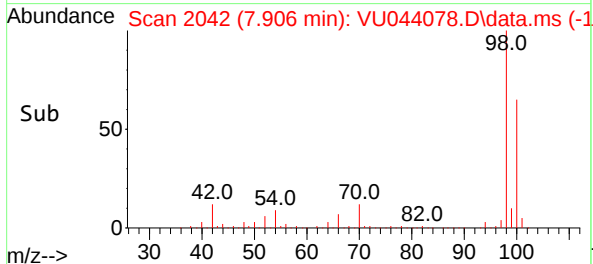
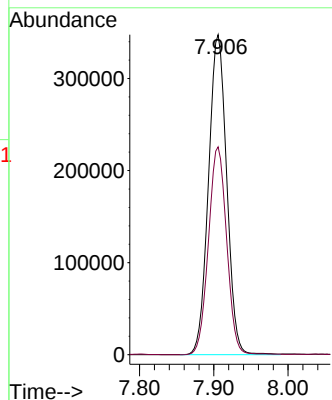
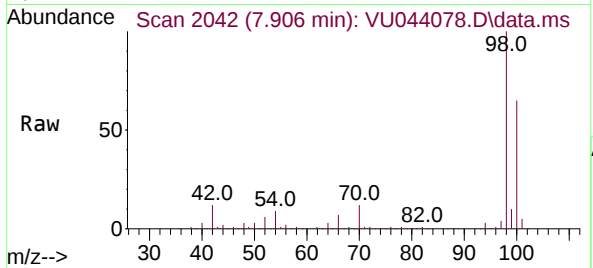




#50
Toluene-d8
Concen: 50.725 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

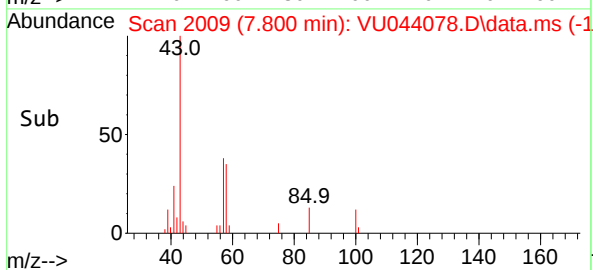
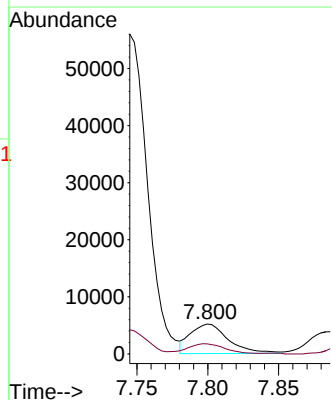
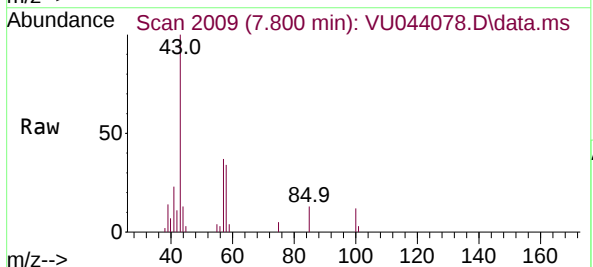
Instrument :
MSVOA_U
ClientSampleId :
18-B8(2-4)

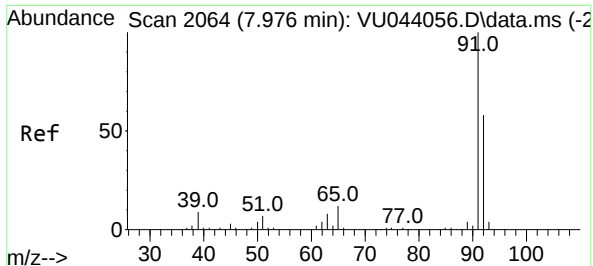
Tgt Ion: 98 Resp: 591063
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.525 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Tgt Ion: 43 Resp: 9624
Ion Ratio Lower Upper
43 100
58 31.1 33.3 49.9#

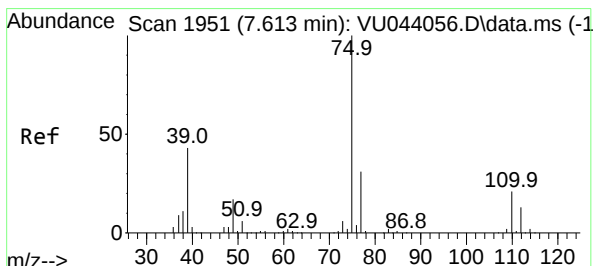
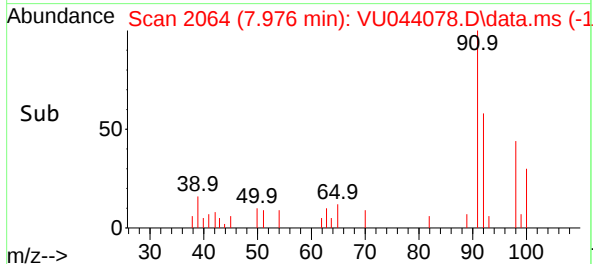
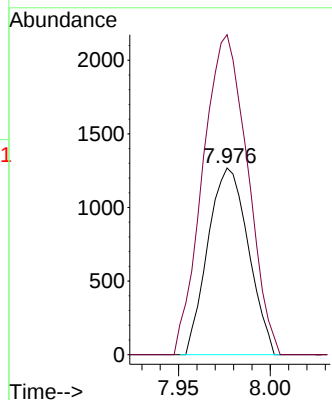
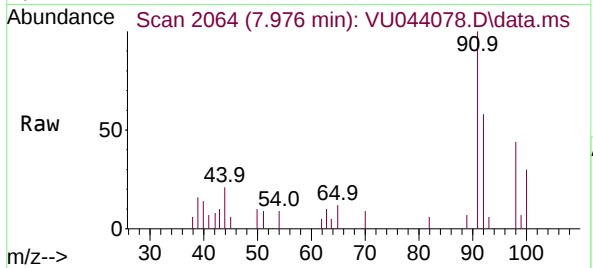




#52
Toluene
Concen: 0.232 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

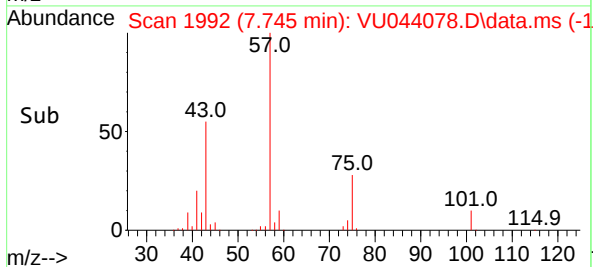
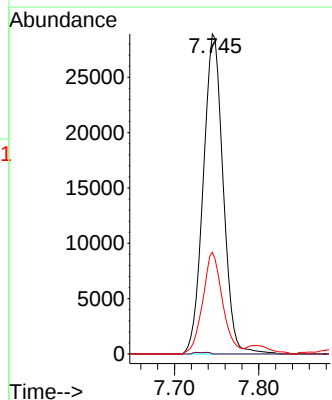
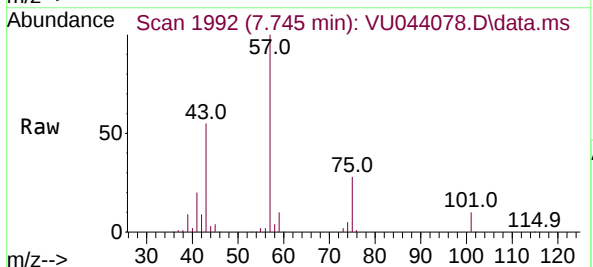
Instrument :
MSVOA_U
ClientSampleId :
18-B8(2-4)

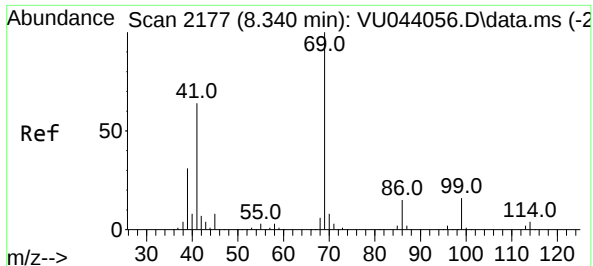
Tgt Ion: 92 Resp: 1943
Ion Ratio Lower Upper
92 100
91 189.4 137.3 205.9



#54
cis-1,3-Dichloropropene
Concen: 8.146 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Tgt Ion: 75 Resp: 47509
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 31.8 34.7 52.1#

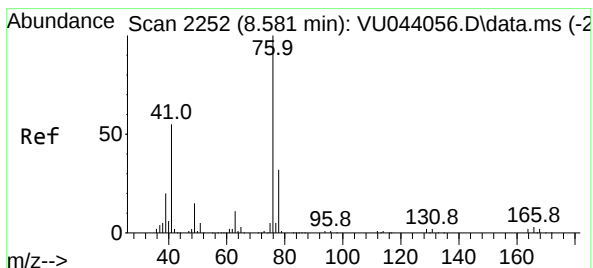
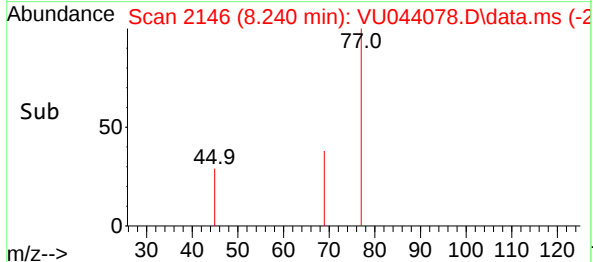
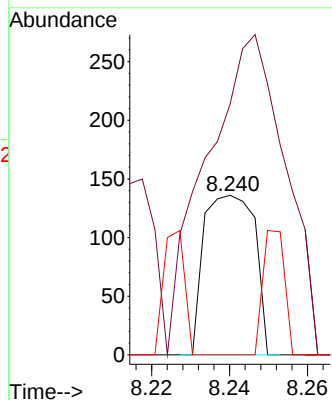
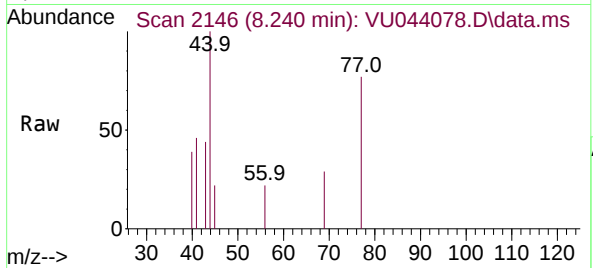




#56
Ethyl methacrylate
Concen: 3.404 ug/l
RT: 8.240 min Scan# 2146
Delta R.T. -0.100 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

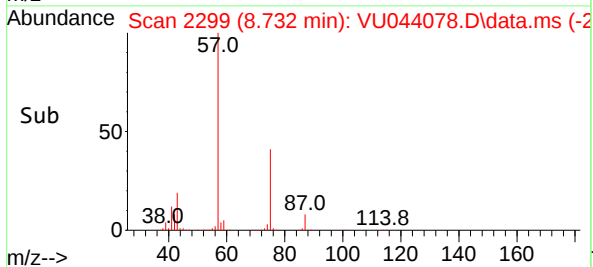
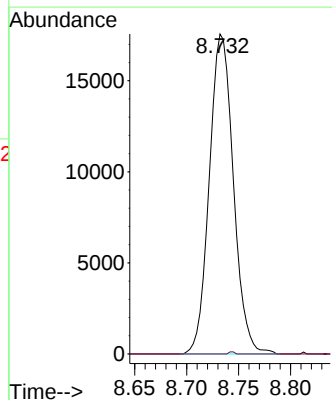
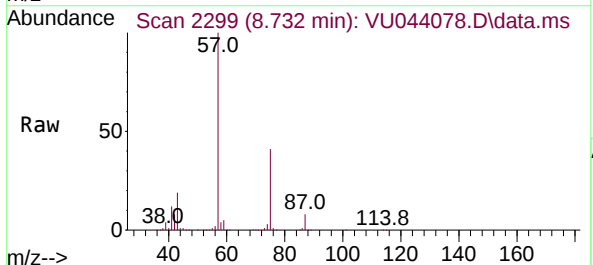
Instrument :
MSVOA_U
ClientSampled :
18-B8(2-4)

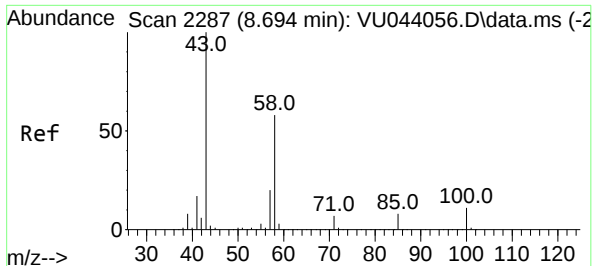
Tgt Ion: 69 Resp: 123
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 24.9 37.3#



#57
1,3-Dichloropropane
Concen: 4.405 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Tgt Ion: 76 Resp: 28293
Ion Ratio Lower Upper
76 100
78 0.2 25.9 38.9#

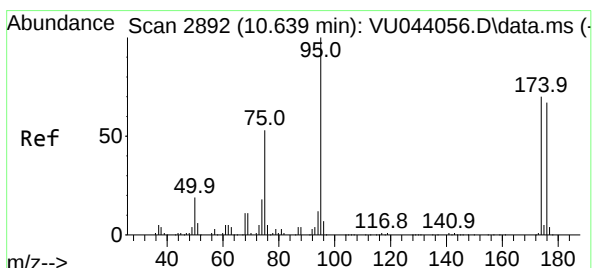
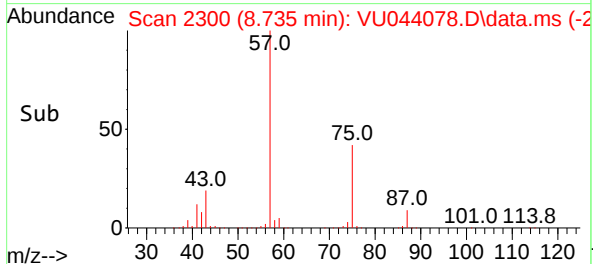
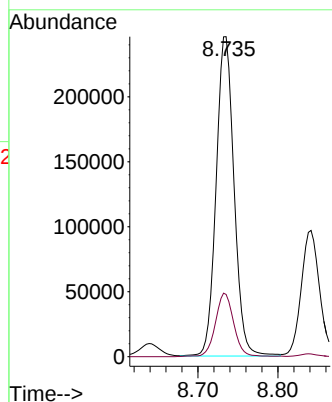
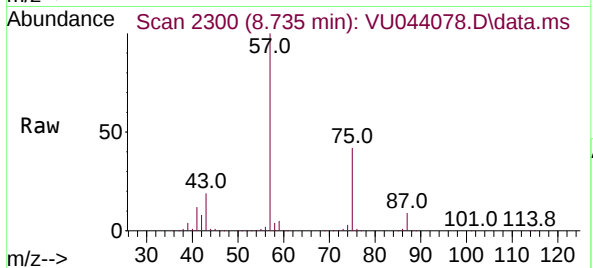




#59
2-Hexanone
Concen: 77.783 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.042 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

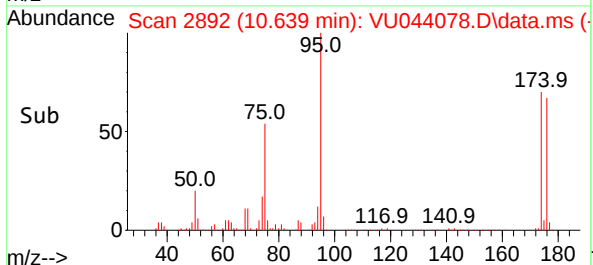
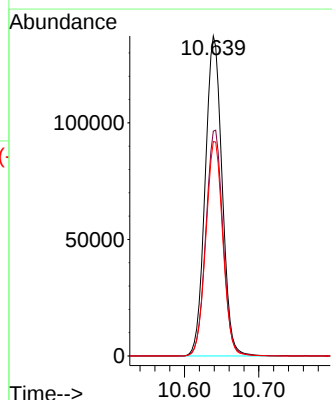
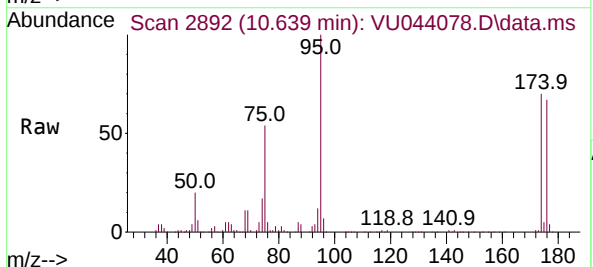
Instrument :
MSVOA_U
ClientSampleId :
18-B8(2-4)

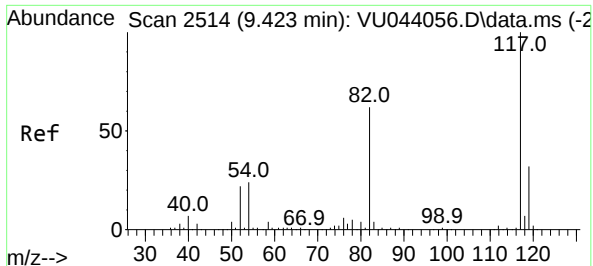
Tgt Ion: 43 Resp: 381361
Ion Ratio Lower Upper
43 100
58 20.4 29.0 87.1#



#62
4-Bromofluorobenzene
Concen: 46.979 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Tgt Ion: 95 Resp: 216731
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.0
176 67.5 0.0 135.2

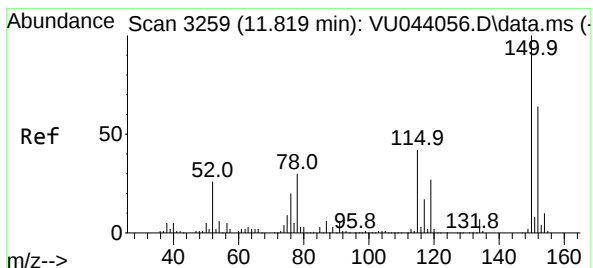
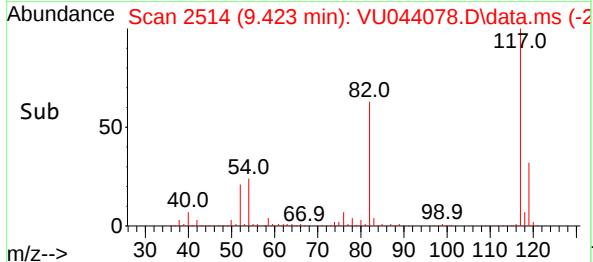
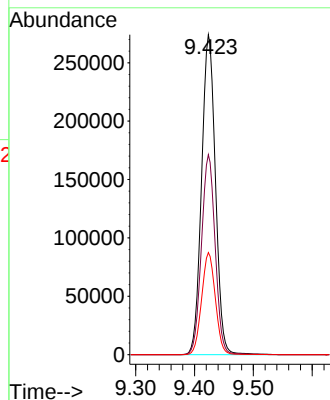
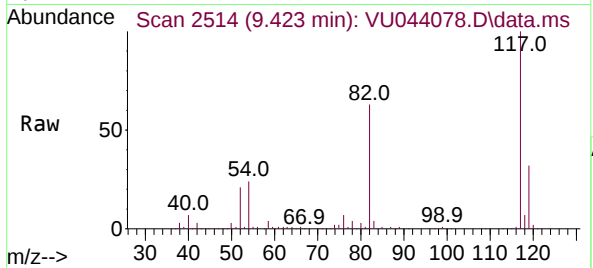




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

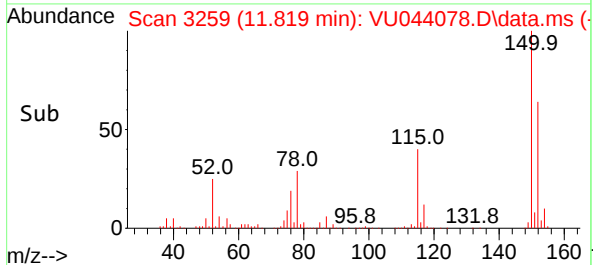
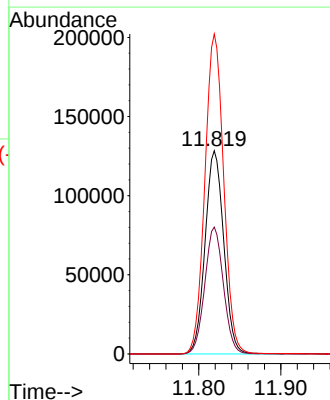
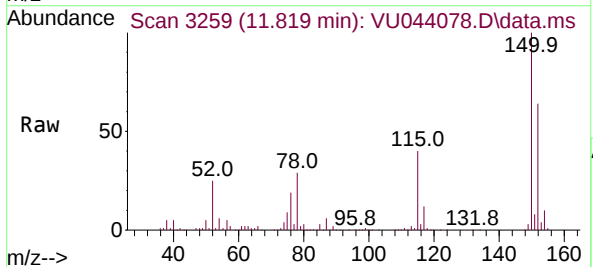
Instrument :
MSVOA_U
ClientSampleId :
18-B8(2-4)

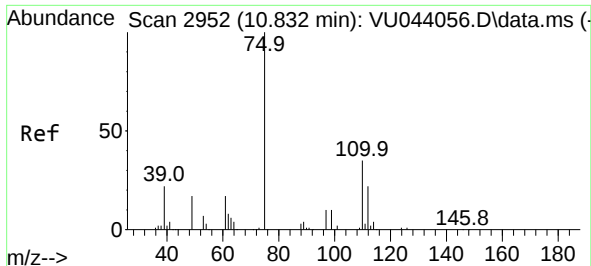
Tgt Ion:117 Resp: 448248
Ion Ratio Lower Upper
117 100
82 62.5 50.0 75.0
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Tgt Ion:152 Resp: 203275
Ion Ratio Lower Upper
152 100
115 62.4 44.6 134.0
150 158.4 0.0 347.8

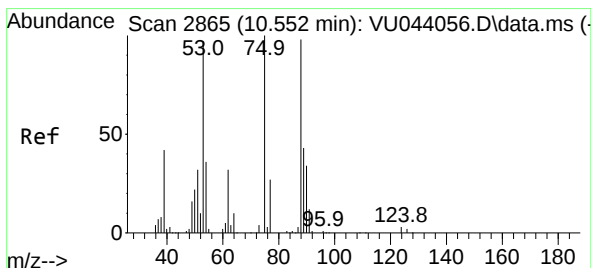
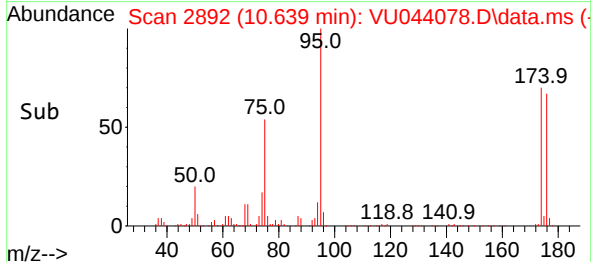
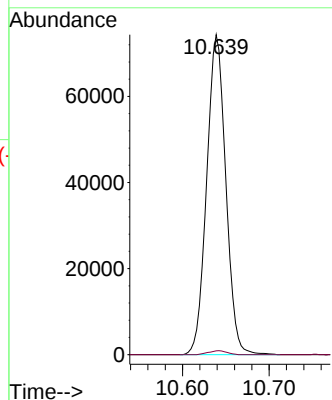
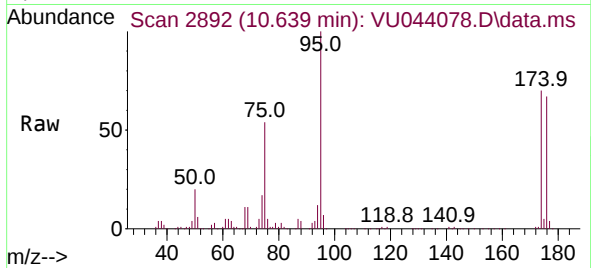




#76
1,2,3-Trichloropropane
Concen: 20.050 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

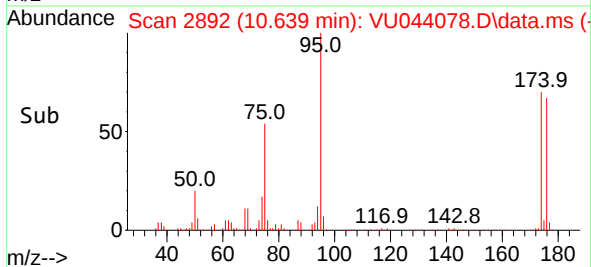
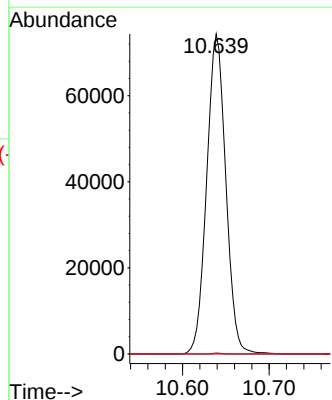
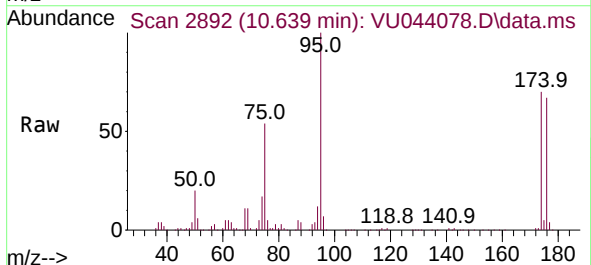
Instrument :
MSVOA_U
ClientSampled :
18-B8(2-4)

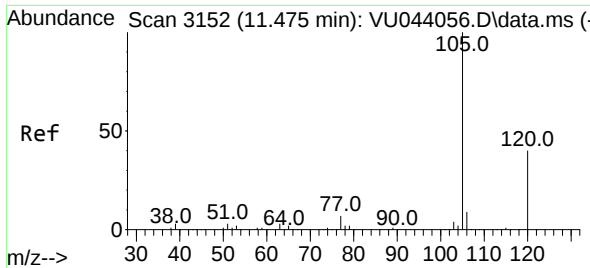
Tgt Ion: 75 Resp: 114015
Ion Ratio Lower Upper
75 100
77 1.2 16.9 50.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.546 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Tgt Ion: 75 Resp: 114015
Ion Ratio Lower Upper
75 100
53 0.1 76.9 115.3#
89 0.0 33.8 50.8#

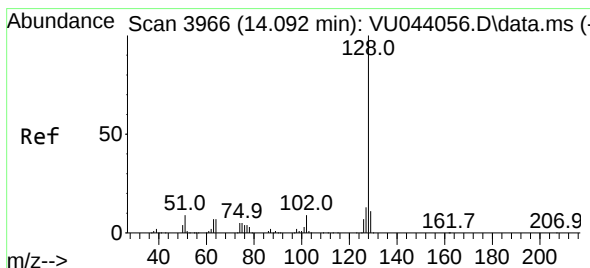
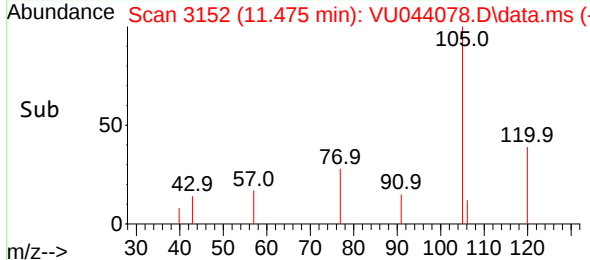
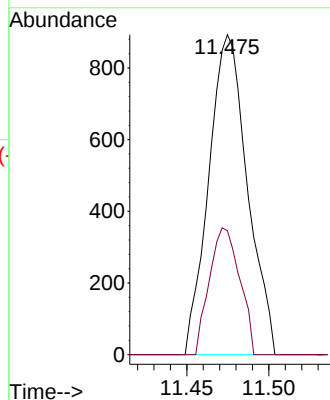
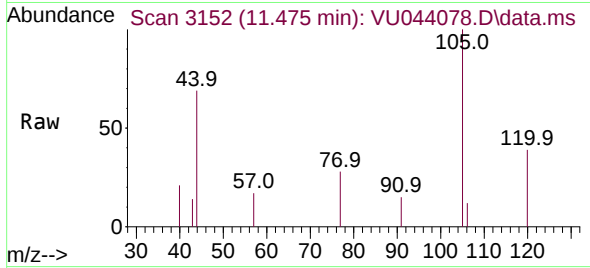




#84
1,2,4-Trimethylbenzene
Concen: 1.058 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Instrument :
MSVOA_U
ClientSampleId :
18-B8(2-4)

Tgt Ion:105 Resp: 1459
Ion Ratio Lower Upper
105 100
120 31.0 21.9 65.7



#95
Naphthalene
Concen: 4.175 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044078.D
Acq: 08 Jun 2021 00:10

Tgt Ion:128 Resp: 19545
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 10.5 8.7 13.1

