

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060721\
 Data File : VU044074.D
 Acq On : 07 Jun 2021 22:37
 Operator : SY/MD
 Sample : M2612-26
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 18-B12(26-30)

Quant Time: Jun 08 05:46:56 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)

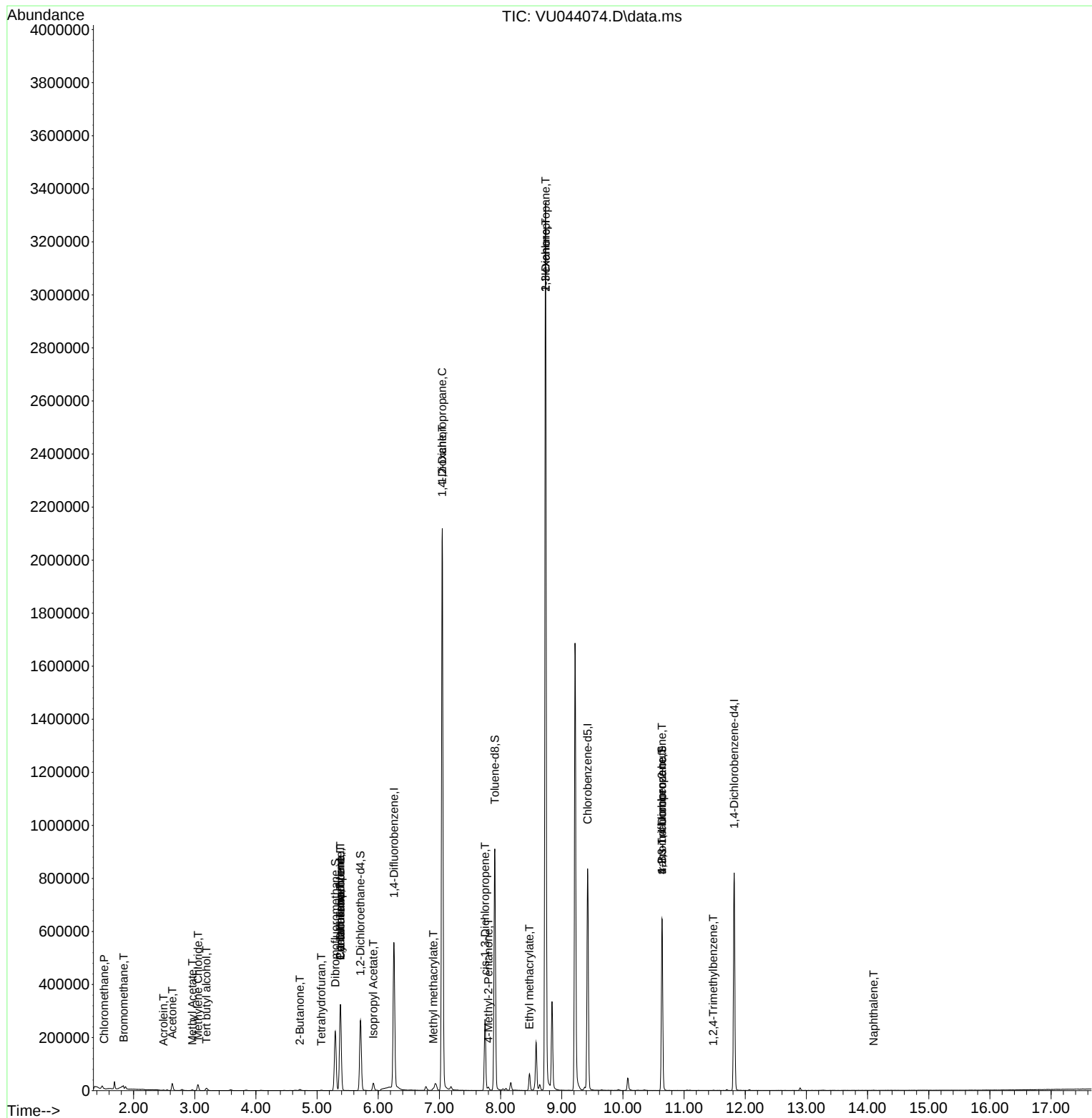
Internal Standards						
1) Pentafluorobenzene	5.382	168	205759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	420437	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	434940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	199131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	193311	53.946	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.900%	
35) Dibromofluoromethane	5.298	113	144795	48.260	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.520%	
50) Toluene-d8	7.906	98	580186	50.133	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.260%	
62) 4-Bromofluorobenzene	10.639	95	218345	47.654	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	1240	0.291	ug/l	94
5) Bromomethane	1.838	94	538	0.341	ug/l	91
11) Tert butyl alcohol	3.192	59	6177	6.953	ug/l #	72
13) Acrolein	2.491	56	1434	2.053	ug/l	100
16) Acetone	2.633	43	28748	13.900	ug/l	97
18) Methyl Acetate	2.961	43	3612	0.792	ug/l	94
20) Methylene Chloride	3.054	84	10050	1.596	ug/l	97
25) 2-Butanone	4.716	43	6570	2.226	ug/l	93
29) Tetrahydrofuran	5.070	42	1008	0.615	ug/l #	77
31) Cyclohexane	5.382	56	5054	1.022	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	19670	4.153	ug/l #	51
38) Carbon Tetrachloride	5.382	117	22112	5.167	ug/l #	18
43) Isopropyl Acetate	5.919	43	28053	3.325	ug/l	98
45) 1,2-Dichloropropane	7.047	63	2679	0.688	ug/l #	42
48) Methyl methacrylate	6.902	41	10465	2.515	ug/l #	14
49) 1,4-Dioxane	7.044	88	188	1.838	ug/l #	1
51) 4-Methyl-2-Pentanone	7.800	43	7093	1.132	ug/l	97
54) cis-1,3-Dichloropropene	7.745	75	46778	8.076	ug/l #	66
56) Ethyl methacrylate	8.472	69	239	3.421	ug/l #	1
57) 1,3-Dichloropropane	8.735	76	32568	5.106	ug/l #	43
59) 2-Hexanone	8.735	43	448054	92.013	ug/l #	50
76) 1,2,3-Trichloropropane	10.639	75	114068	20.477	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.639	75	114068	59.793	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.478	105	488	0.986	ug/l #	32
95) Naphthalene	14.098	128	967	2.913	ug/l #	72

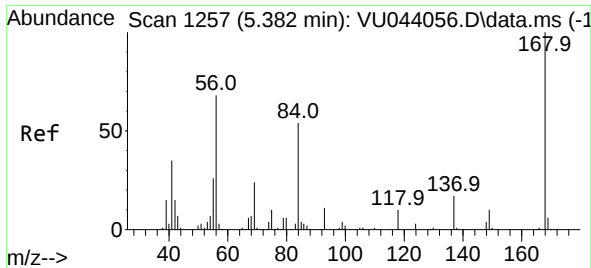
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
18-B12(26-30)

Quant Time: Jun 08 05:46:56 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

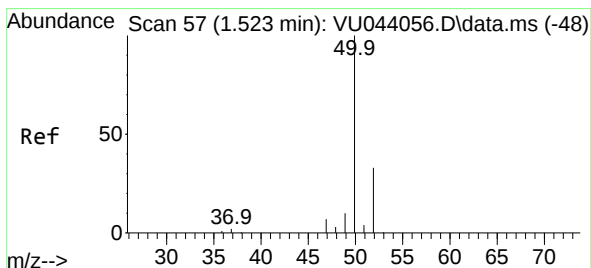
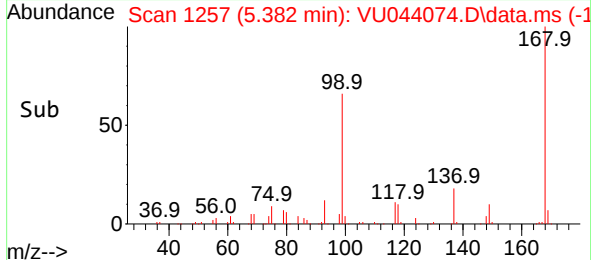
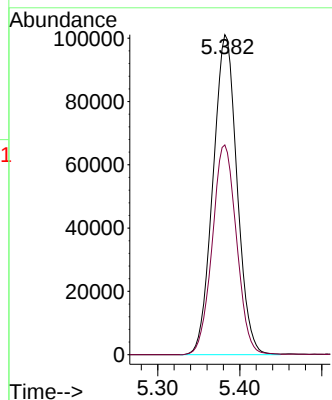
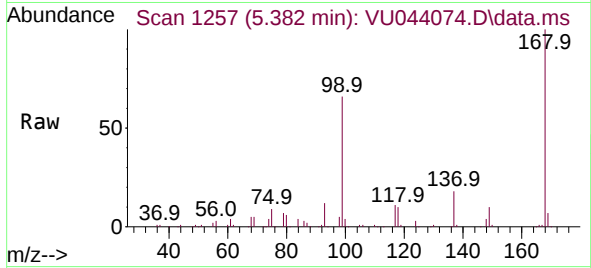




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

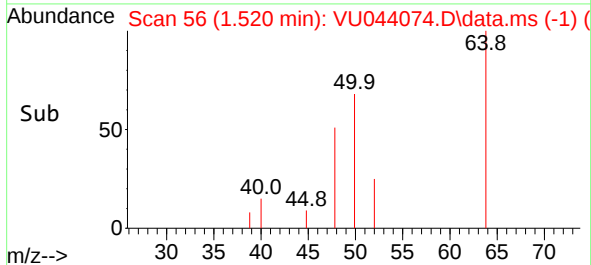
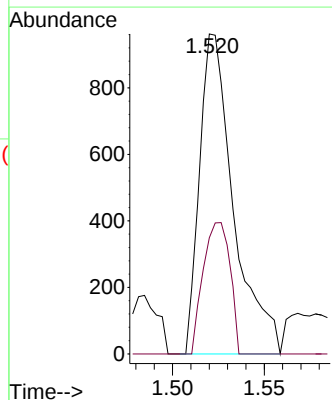
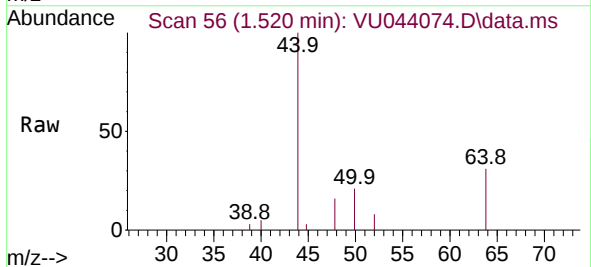
Instrument :
MSVOA_U
ClientSampleId :
18-B12(26-30)

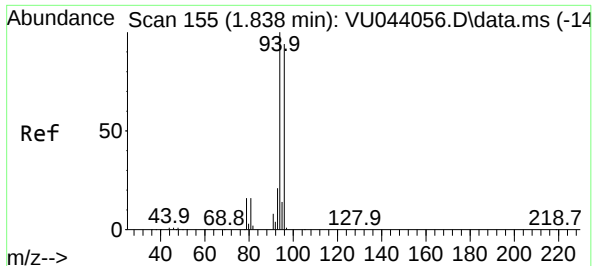
Tgt Ion:168 Resp: 205759
Ion Ratio Lower Upper
168 100
99 65.5 52.6 78.8



#3
Chloromethane
Concen: 0.291 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

Tgt Ion: 50 Resp: 1240
Ion Ratio Lower Upper
50 100
52 36.3 26.2 39.2

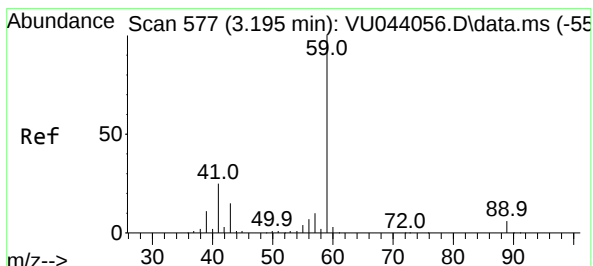
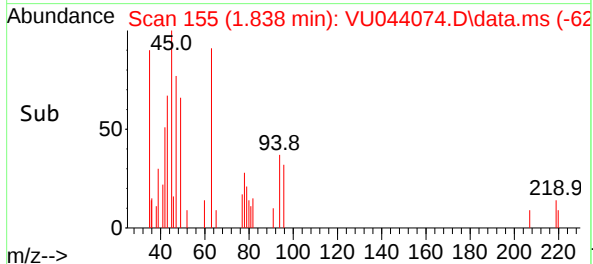
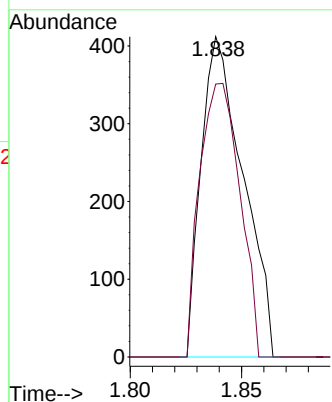
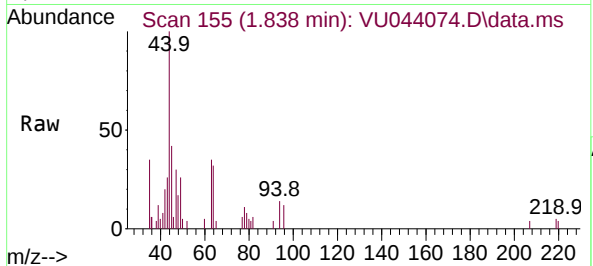




#5
Bromomethane
Concen: 0.341 ug/l
RT: 1.838 min Scan# 155
Delta R.T. 0.000 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

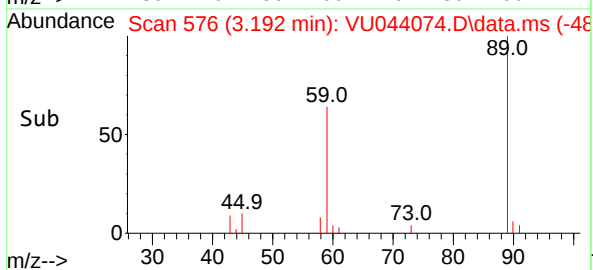
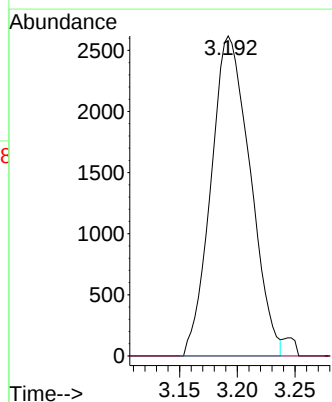
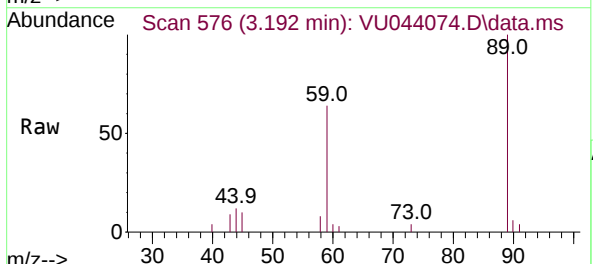
Instrument :
MSVOA_U
ClientSampleId :
18-B12(26-30)

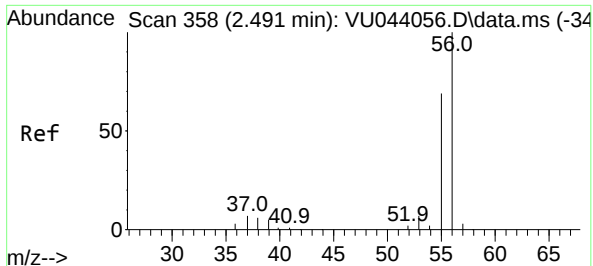
Tgt Ion: 94 Resp: 538
Ion Ratio Lower Upper
94 100
96 85.2 74.8 112.2



#11
Tert butyl alcohol
Concen: 6.953 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.003 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

Tgt Ion: 59 Resp: 6177
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

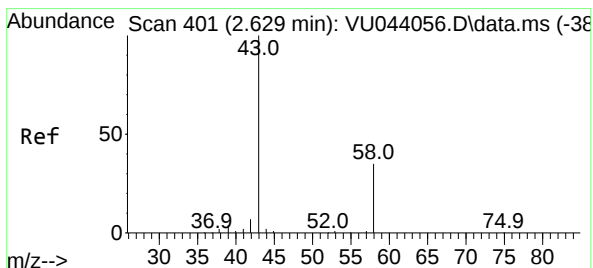
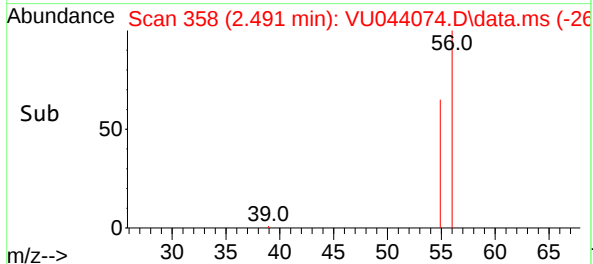
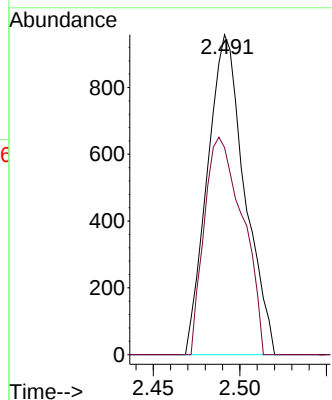
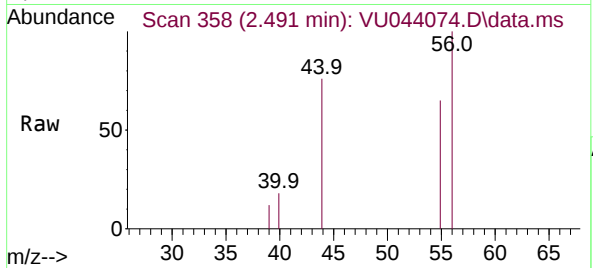




#13
Acrolein
Concen: 2.053 ug/l
RT: 2.491 min Scan# 358
Delta R.T. -0.000 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

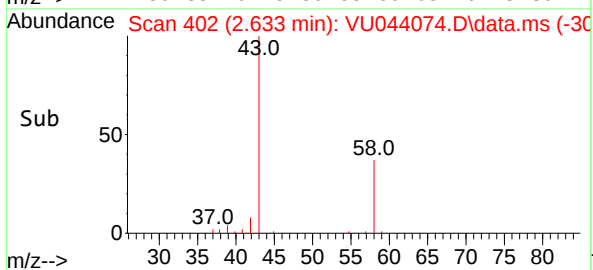
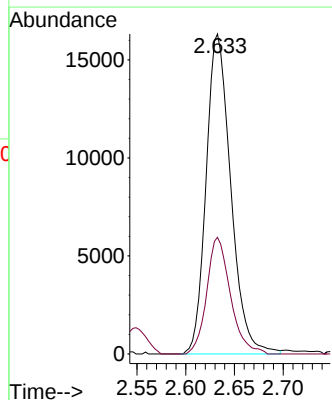
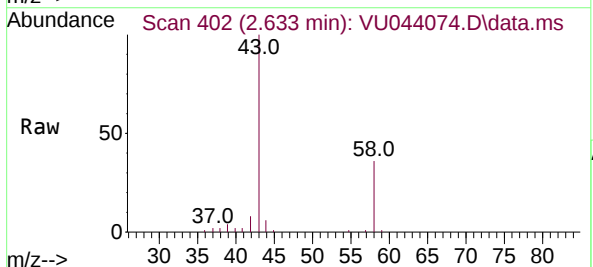
Instrument :
MSVOA_U
ClientSampleId :
18-B12(26-30)

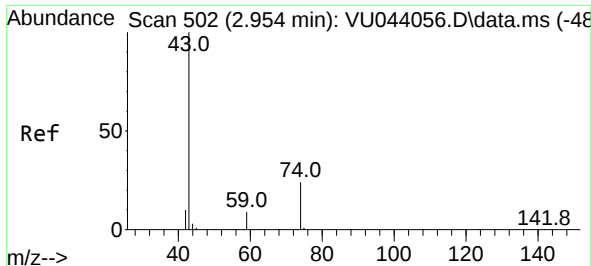
Tgt Ion: 56 Resp: 1434
Ion Ratio Lower Upper
56 100
55 70.1 56.1 84.1



#16
Acetone
Concen: 13.900 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.003 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

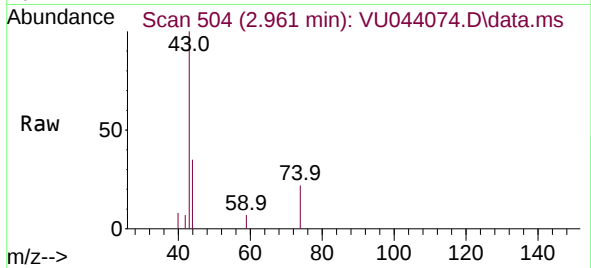
Tgt Ion: 43 Resp: 28748
Ion Ratio Lower Upper
43 100
58 36.4 27.7 41.5



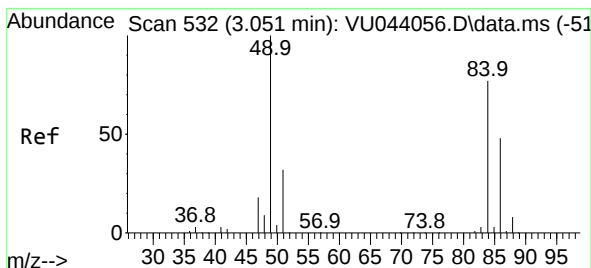
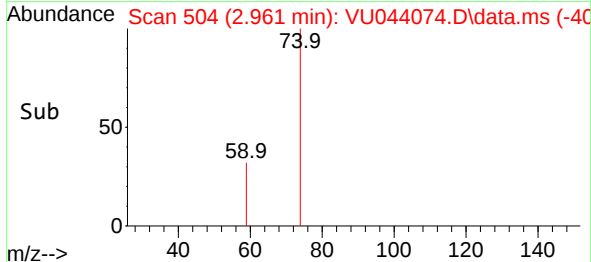
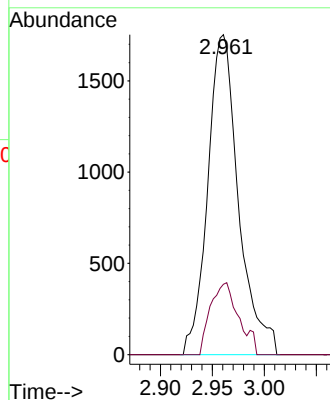


#18
Methyl Acetate
Concen: 0.792 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

Instrument :
MSVOA_U
ClientSampleId :
18-B12(26-30)

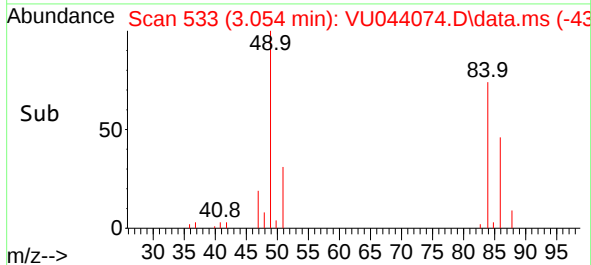
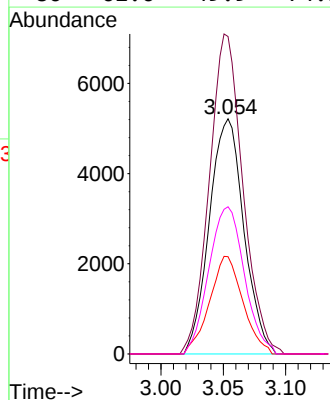
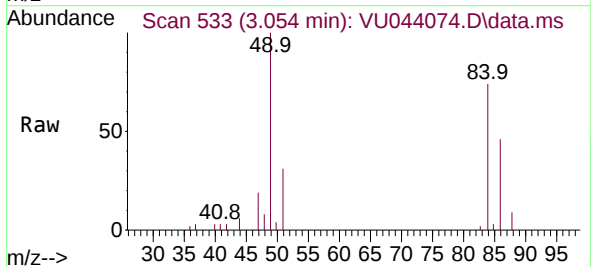


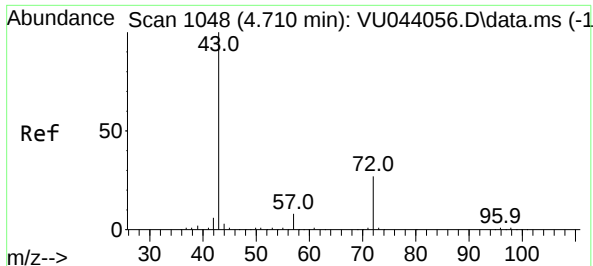
Tgt Ion: 43 Resp: 3612
Ion Ratio Lower Upper
43 100
74 20.5 18.7 28.1



#20
Methylene Chloride
Concen: 1.596 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

Tgt Ion: 84 Resp: 10050
Ion Ratio Lower Upper
84 100
49 135.0 103.6 155.4
51 41.4 32.8 49.2
86 62.6 49.9 74.9

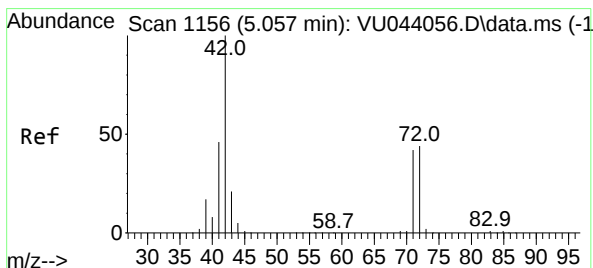
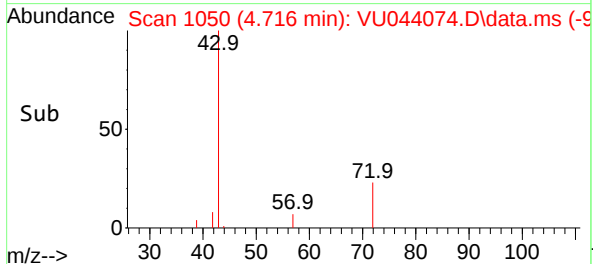
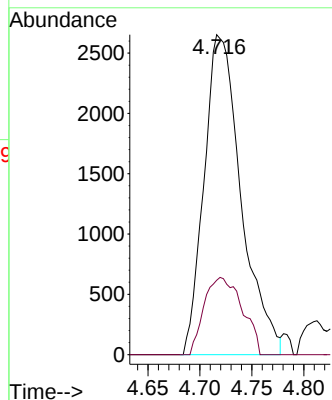
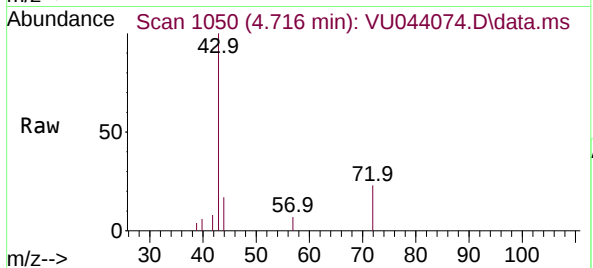




#25
2-Butanone
Concen: 2.226 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

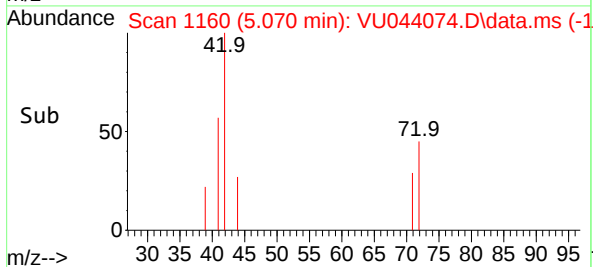
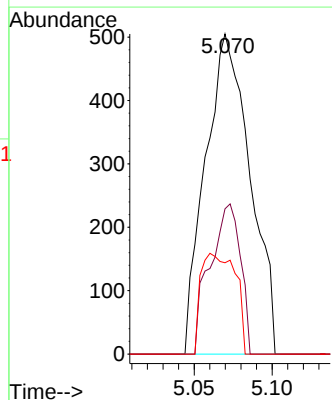
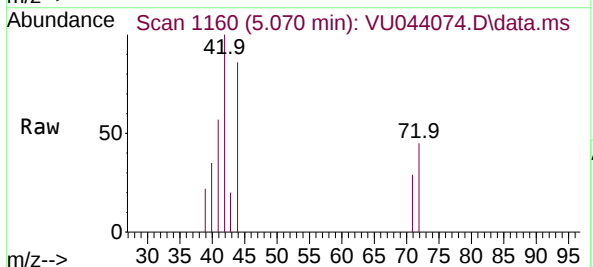
Instrument :
MSVOA_U
ClientSampled :
18-B12(26-30)

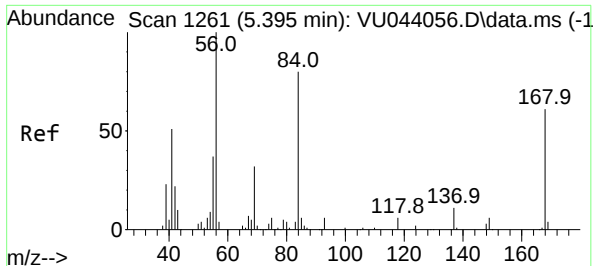
Tgt Ion: 43 Resp: 6570
Ion Ratio Lower Upper
43 100
72 23.3 21.4 32.2



#29
Tetrahydrofuran
Concen: 0.615 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.013 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

Tgt Ion: 42 Resp: 1008
Ion Ratio Lower Upper
42 100
72 31.8 35.6 53.4#
71 24.2 33.3 49.9#





#31

Cyclohexane

Concen: 1.022 ug/l

RT: 5.382 min Scan# 1257

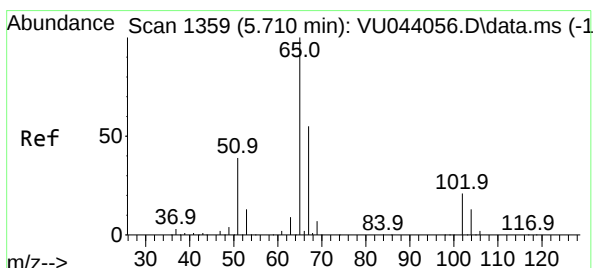
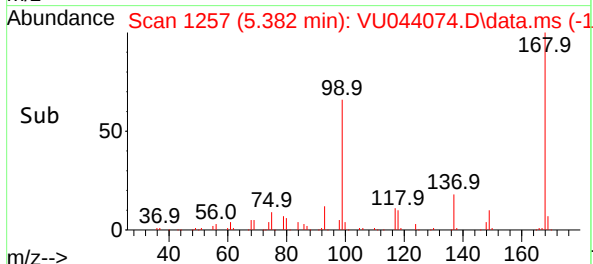
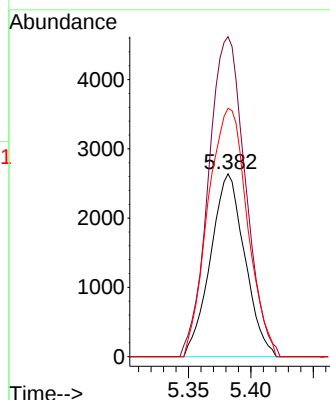
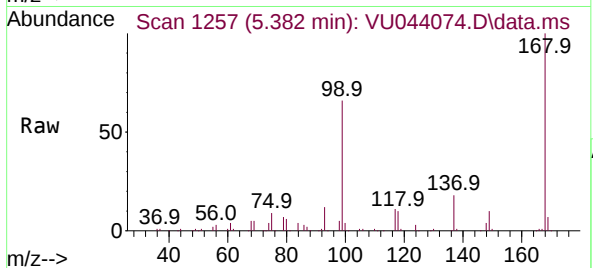
Delta R.T. -0.013 min

Lab File: VU044074.D

Acq: 07 Jun 2021 22:37

Tgt Ion:	56	Resp:	5054
Ion	Ratio	Lower	Upper
56	100		
69	174.9	25.4	38.2#
84	135.7	64.2	96.2#

Instrument :
MSVOA_U
ClientSampleId :
18-B12(26-30)



#33

1,2-Dichloroethane-d4

Concen: 53.946 ug/l

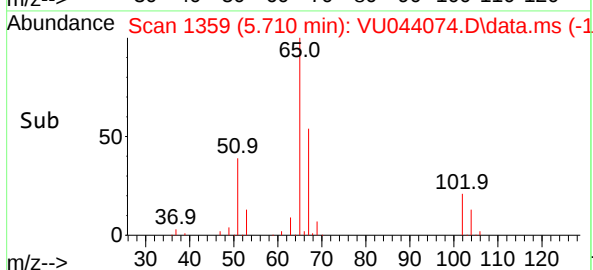
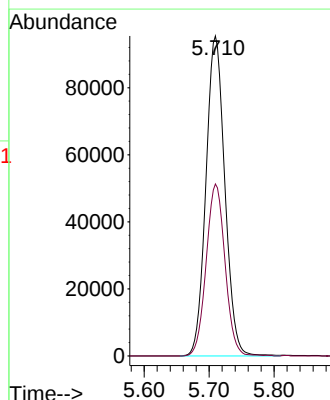
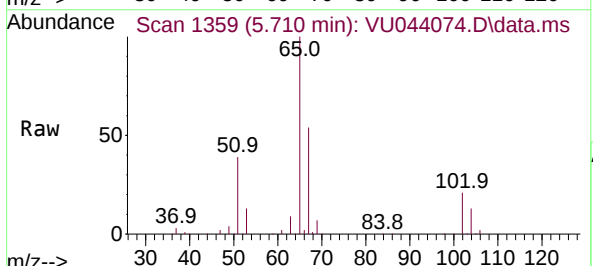
RT: 5.710 min Scan# 1359

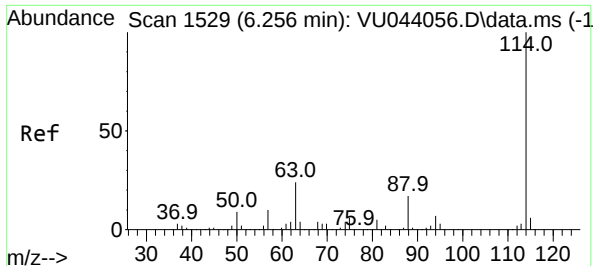
Delta R.T. -0.000 min

Lab File: VU044074.D

Acq: 07 Jun 2021 22:37

Tgt Ion:	65	Resp:	193311
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	109.2

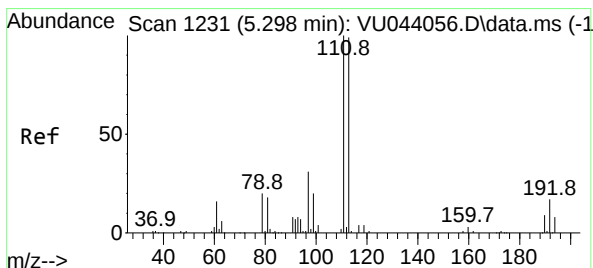
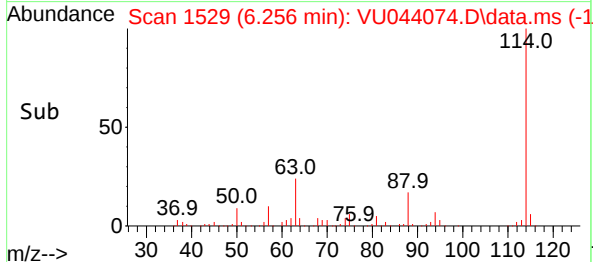
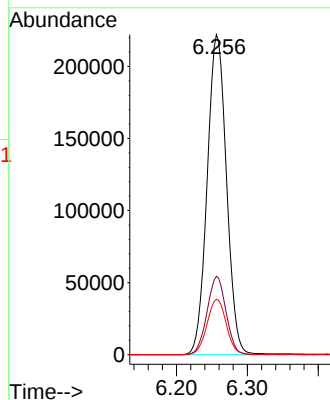
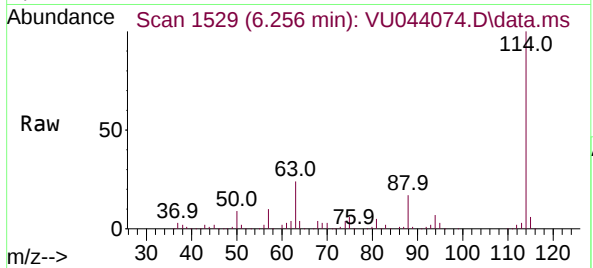




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

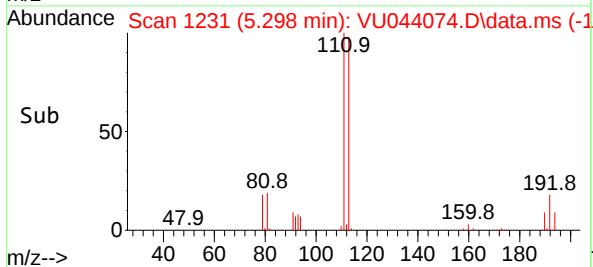
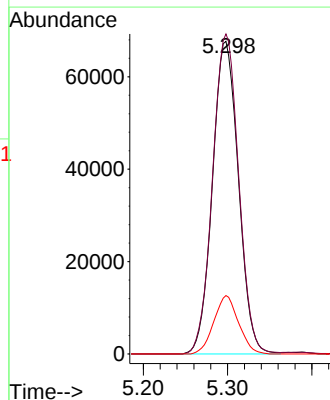
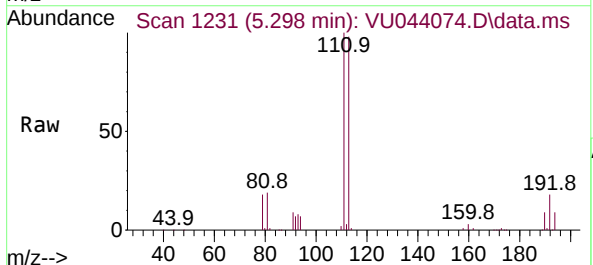
Instrument :
MSVOA_U
ClientSampleId :
18-B12(26-30)

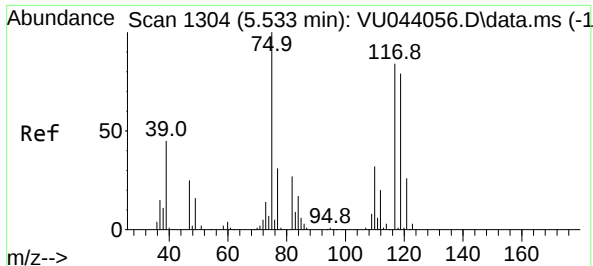
Tgt Ion:114 Resp: 420437
Ion Ratio Lower Upper
114 100
63 24.5 0.0 48.4
88 17.3 0.0 34.4



#35
Dibromofluoromethane
Concen: 48.260 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

Tgt Ion:113 Resp: 144795
Ion Ratio Lower Upper
113 100
111 102.9 82.1 123.1
192 17.8 13.8 20.8



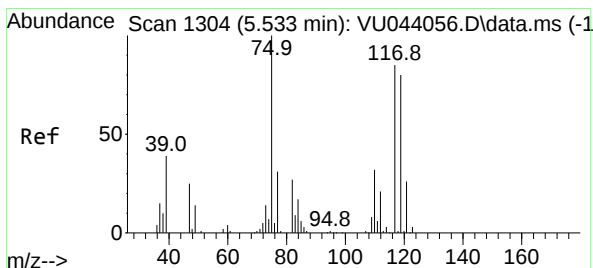
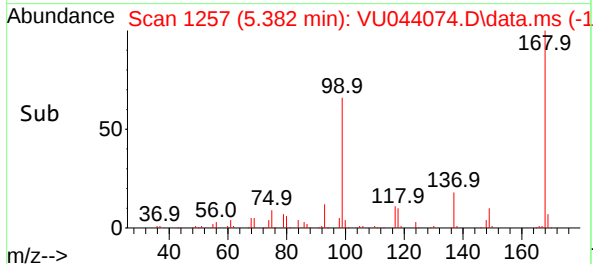
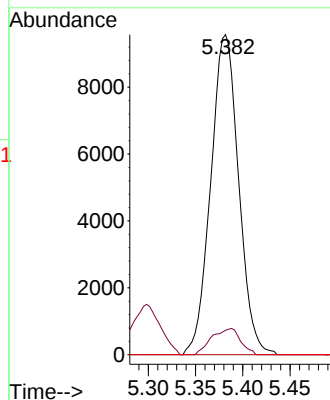
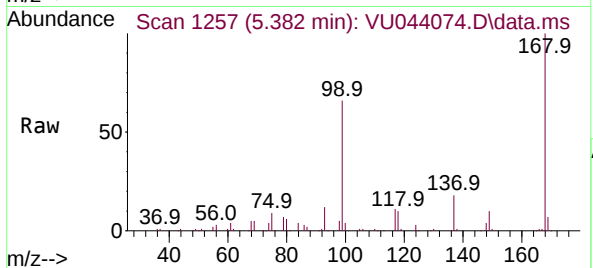


#36

1,1-Dichloropropene
Concen: 4.153 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

Instrument :
MSVOA_U
ClientSampleId :
18-B12(26-30)

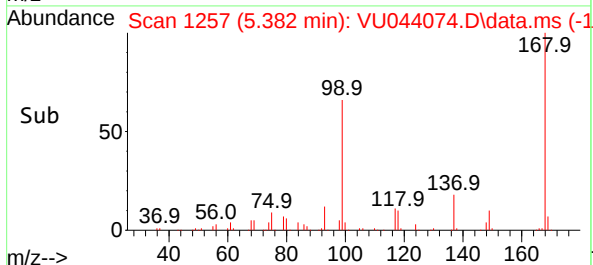
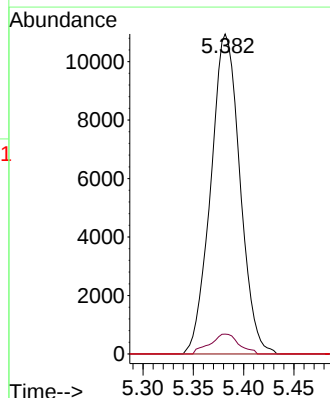
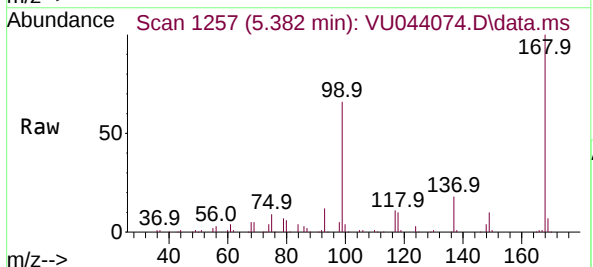
Tgt Ion: 75 Resp: 19670
Ion Ratio Lower Upper
75 100
110 8.4 15.9 47.7#
77 0.0 25.0 37.4#

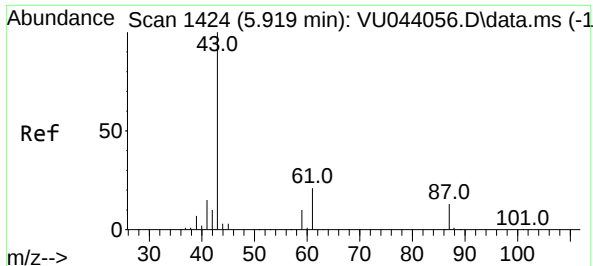


#38

Carbon Tetrachloride
Concen: 5.167 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

Tgt Ion: 117 Resp: 22112
Ion Ratio Lower Upper
117 100
119 6.2 75.4 113.2#
121 0.0 24.5 36.7#

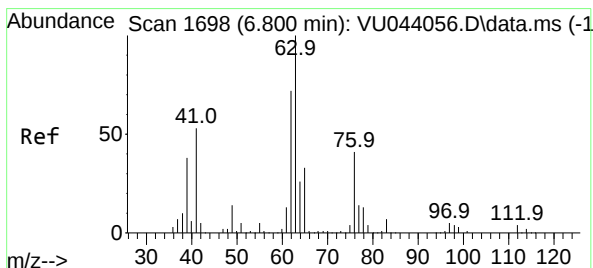
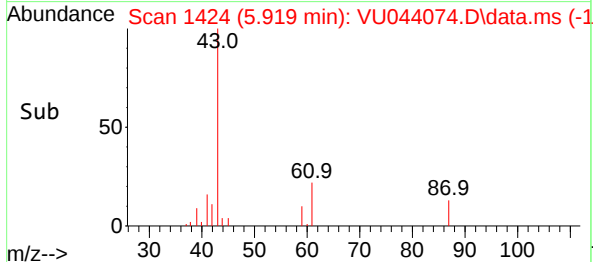
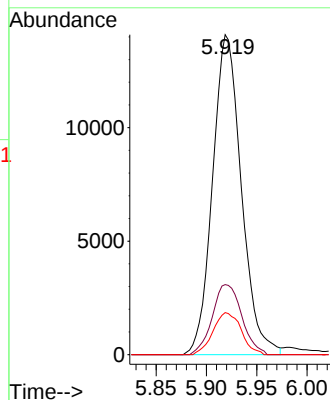
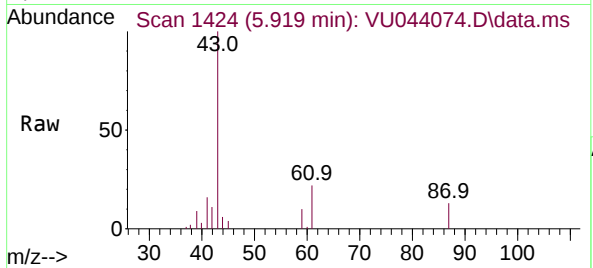




#43
Isopropyl Acetate
Concen: 3.325 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

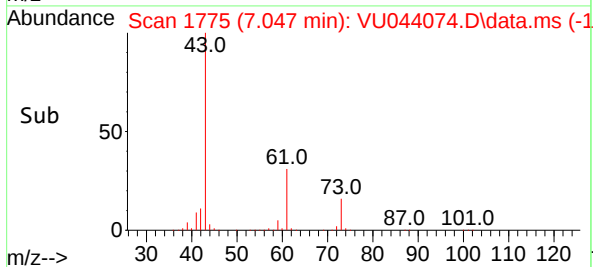
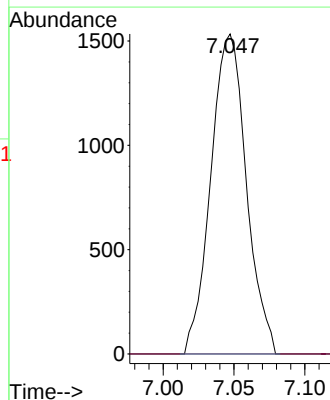
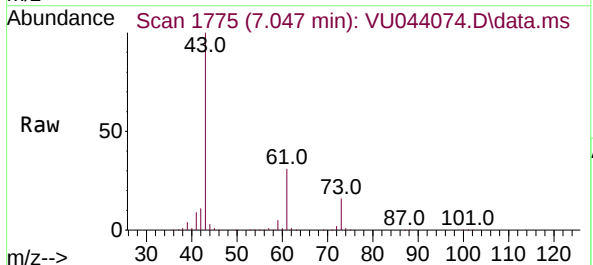
Instrument :
MSVOA_U
ClientSampleId :
18-B12(26-30)

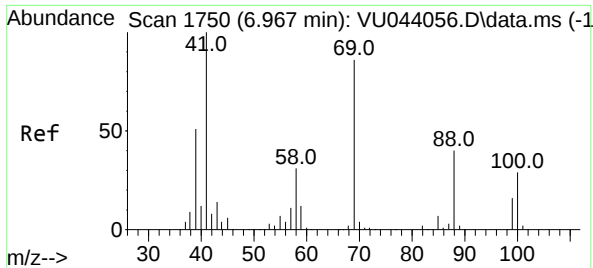
Tgt Ion:	43	Resp:	28053
Ion	Ratio	Lower	Upper
43	100		
61	22.5	16.8	25.2
87	12.9	10.2	15.2



#45
1,2-Dichloropropane
Concen: 0.688 ug/l
RT: 7.047 min Scan# 1775
Delta R.T. 0.247 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

Tgt Ion:	63	Resp:	2679
Ion	Ratio	Lower	Upper
63	100		
65	0.0	26.3	39.5#

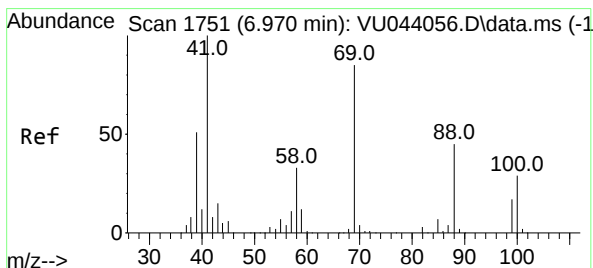
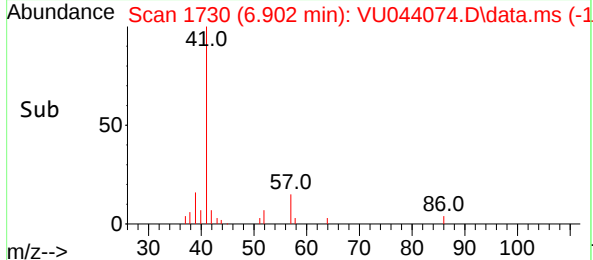
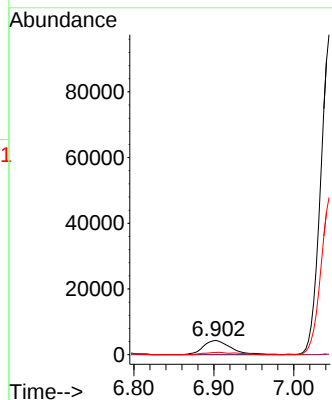
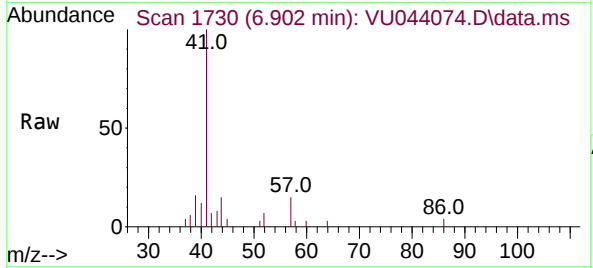




#48
Methyl methacrylate
Concen: 2.515 ug/l
RT: 6.902 min Scan# 1730
Delta R.T. -0.064 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

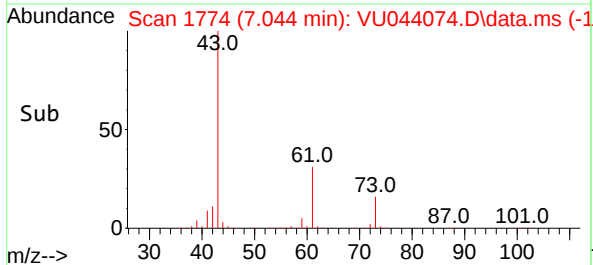
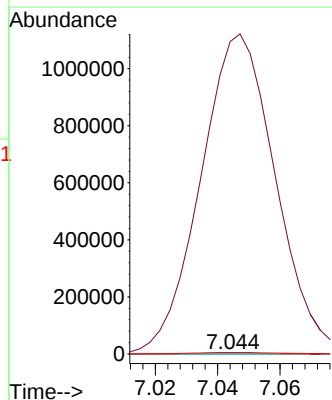
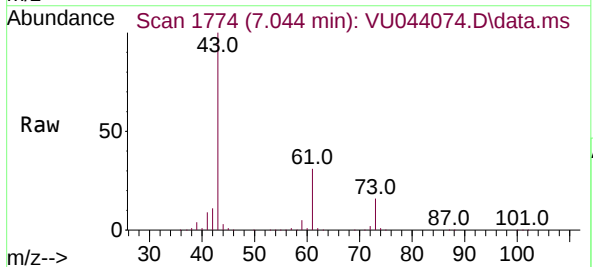
Instrument :
MSVOA_U
ClientSampleId :
18-B12(26-30)

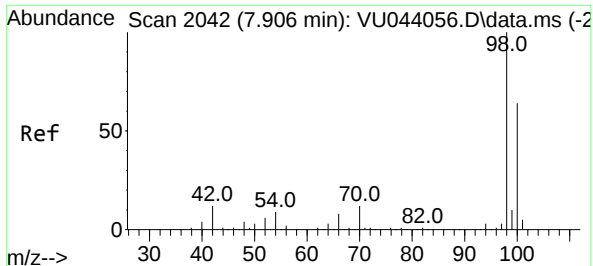
Tgt Ion: 41 Resp: 10465
Ion Ratio Lower Upper
41 100
69 0.0 68.9 103.3#
39 0.0 40.6 60.8#



#49
1,4-Dioxane
Concen: 1.838 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.074 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

Tgt Ion: 88 Resp: 188
Ion Ratio Lower Upper
88 100
43 1009076.6 25.0 37.4#
58 5408.5 60.0 90.0#

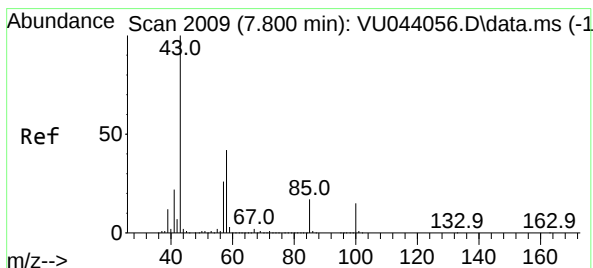
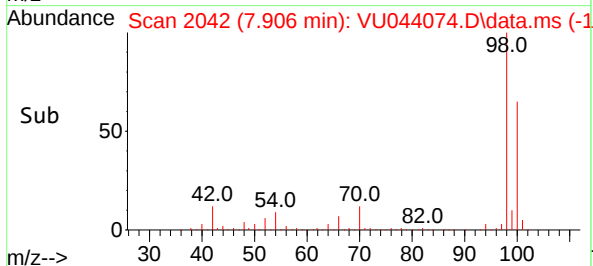
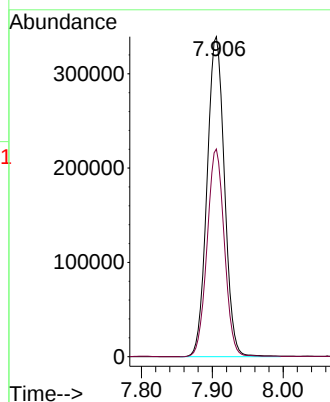
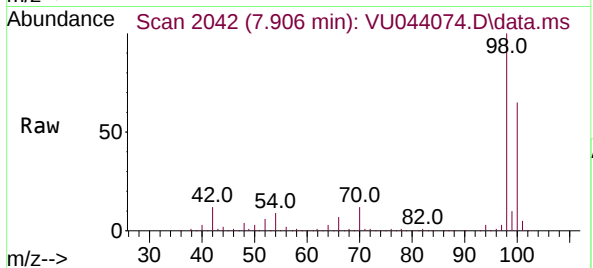




#50
Toluene-d8
Concen: 50.133 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

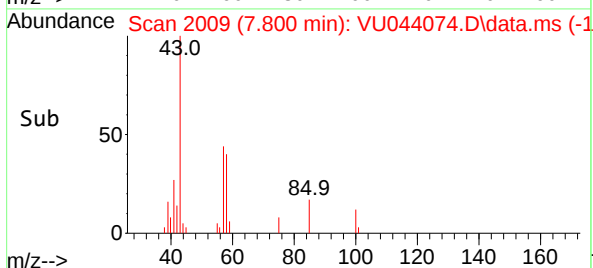
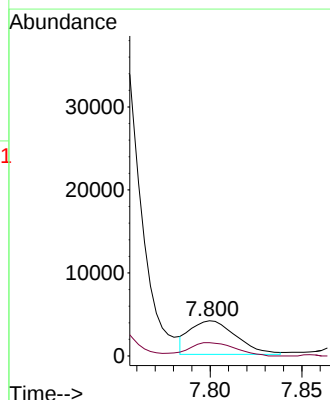
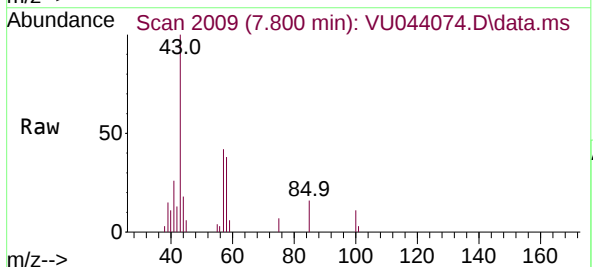
Instrument :
MSVOA_U
ClientSampleId :
18-B12(26-30)

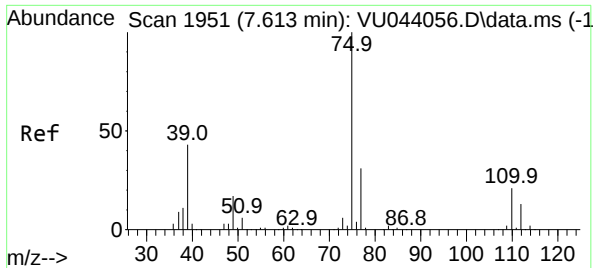
Tgt Ion: 98 Resp: 580186
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.132 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

Tgt Ion: 43 Resp: 7093
Ion Ratio Lower Upper
43 100
58 39.5 33.3 49.9

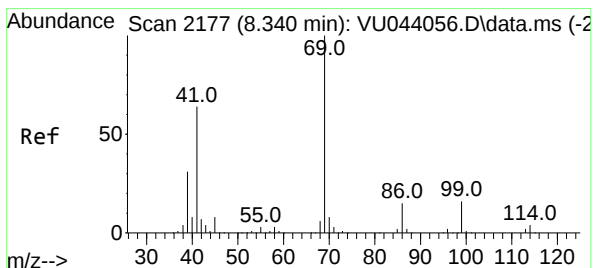
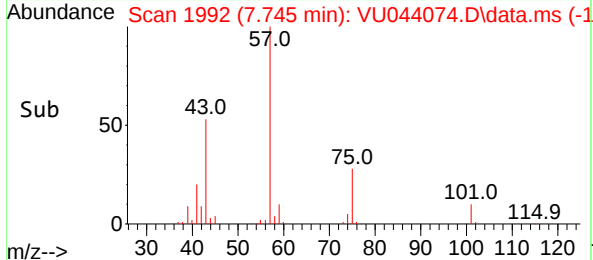
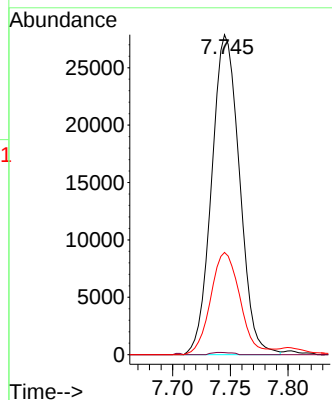
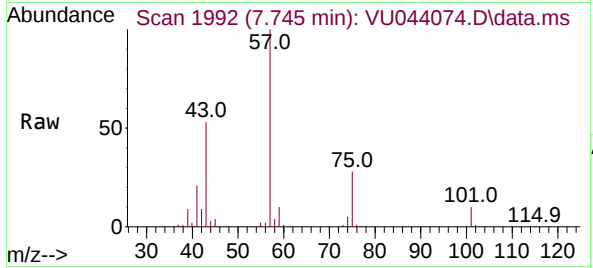




#54
 cis-1,3-Dichloropropene
 Concen: 8.076 ug/l
 RT: 7.745 min Scan# 1992
 Delta R.T. 0.132 min
 Lab File: VU044074.D
 Acq: 07 Jun 2021 22:37

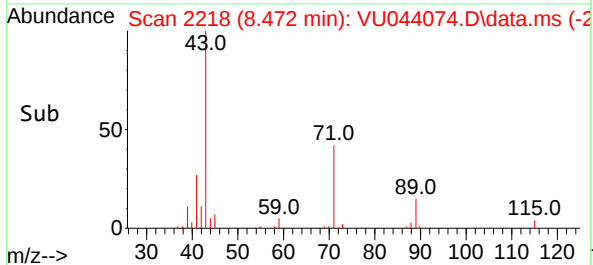
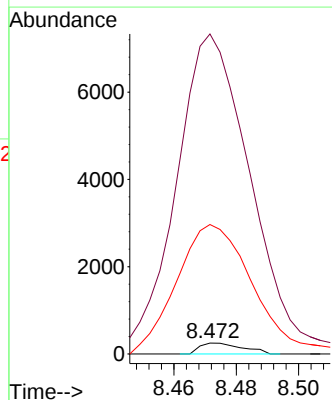
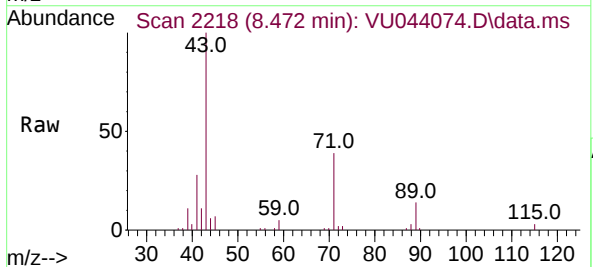
Instrument :
 MSVOA_U
 ClientSampleId :
 18-B12(26-30)

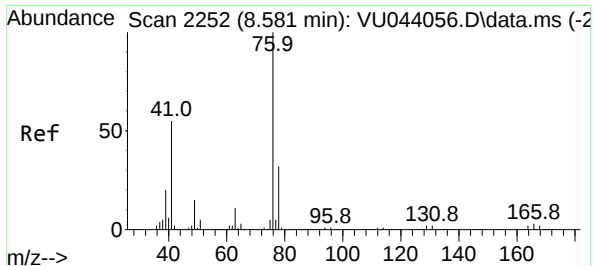
Tgt Ion: 75 Resp: 46778
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.0 37.4#
 39 32.0 34.7 52.1#



#56
 Ethyl methacrylate
 Concen: 3.421 ug/l
 RT: 8.472 min Scan# 2218
 Delta R.T. 0.132 min
 Lab File: VU044074.D
 Acq: 07 Jun 2021 22:37

Tgt Ion: 69 Resp: 239
 Ion Ratio Lower Upper
 69 100
 41 5169.9 51.4 77.0#
 39 2160.3 24.9 37.3#



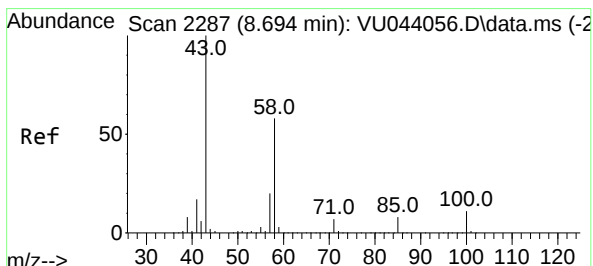
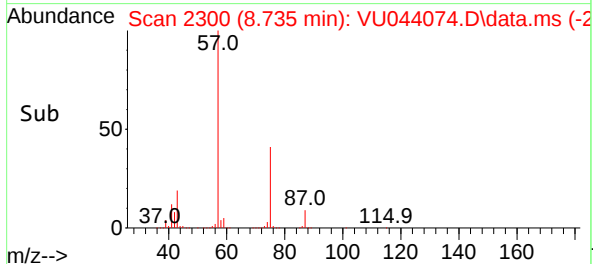
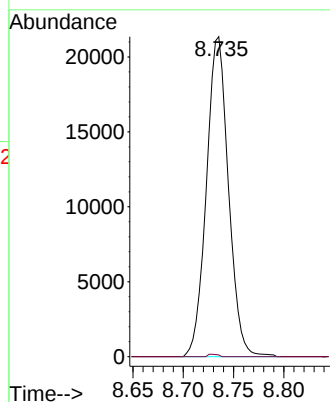
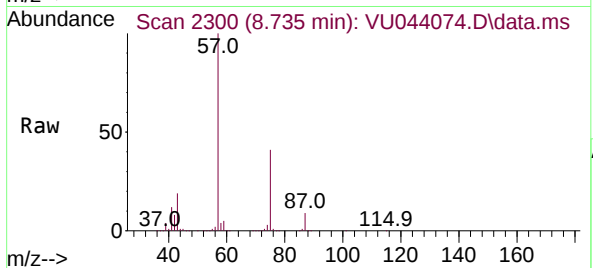


#57

1,3-Dichloropropane
Concen: 5.106 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.154 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

Instrument :
MSVOA_U
ClientSampleId :
18-B12(26-30)

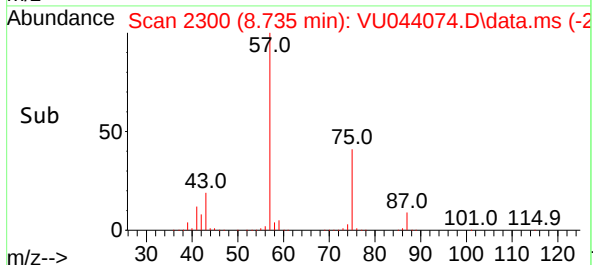
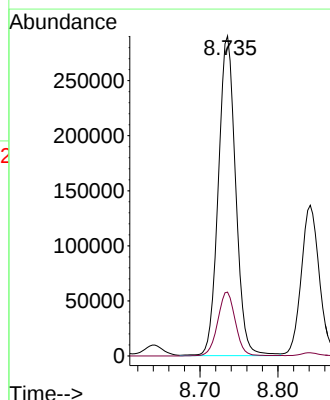
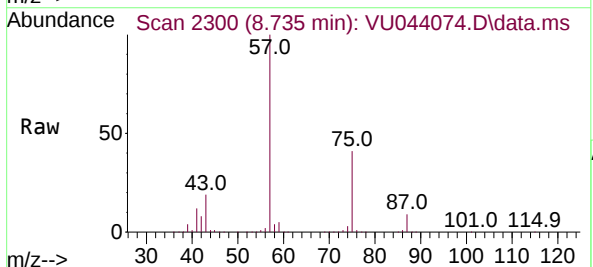
Tgt Ion: 76 Resp: 32568
Ion Ratio Lower Upper
76 100
78 0.3 25.9 38.9#

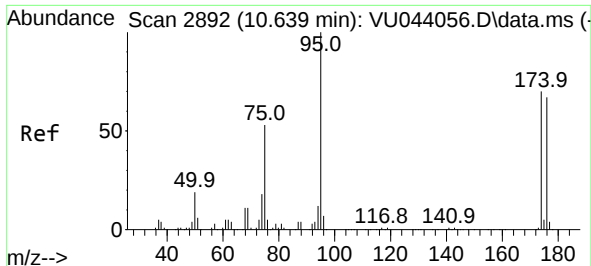


#59

2-Hexanone
Concen: 92.013 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.042 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

Tgt Ion: 43 Resp: 448054
Ion Ratio Lower Upper
43 100
58 20.6 29.0 87.1#

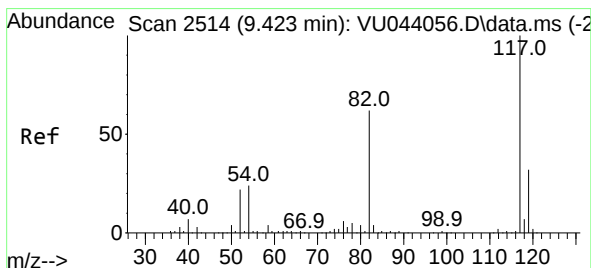
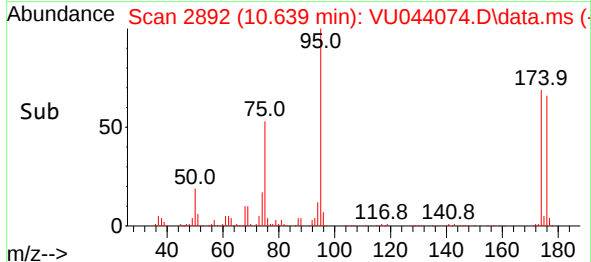
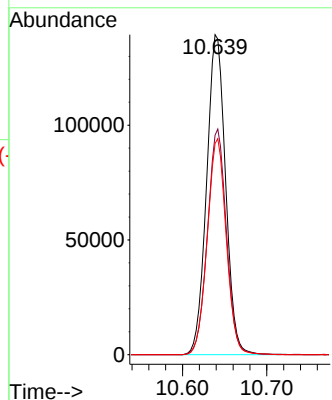
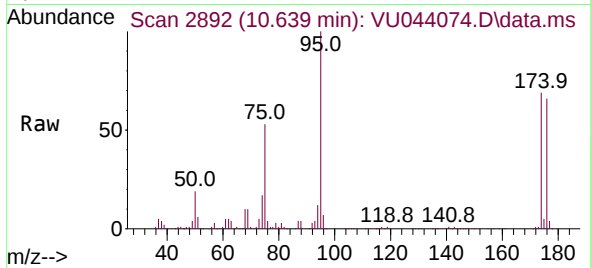




#62
4-Bromofluorobenzene
Concen: 47.654 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

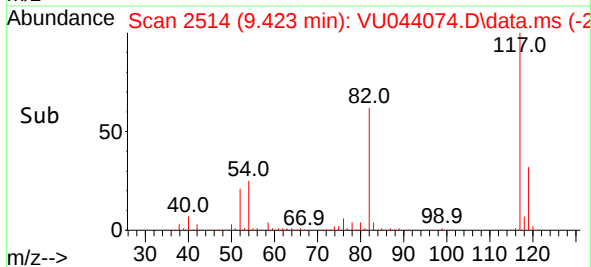
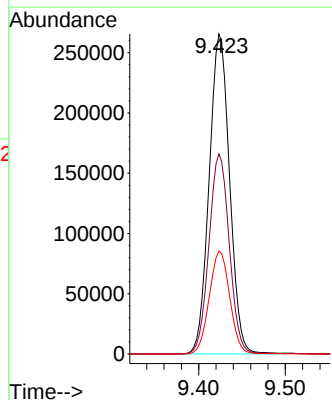
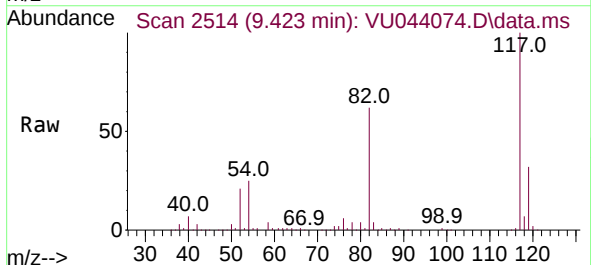
Instrument :
MSVOA_U
ClientSampleId :
18-B12(26-30)

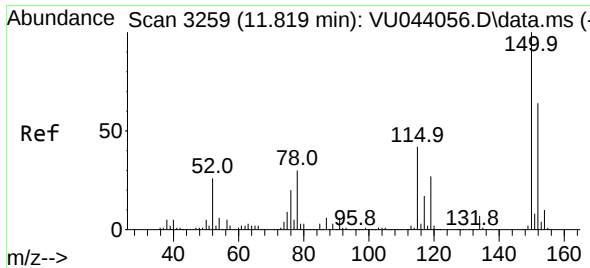
Tgt Ion: 95 Resp: 218345
Ion Ratio Lower Upper
95 100
174 70.6 0.0 141.0
176 67.6 0.0 135.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

Tgt Ion: 117 Resp: 434940
Ion Ratio Lower Upper
117 100
82 62.4 50.0 75.0
119 32.1 25.9 38.9

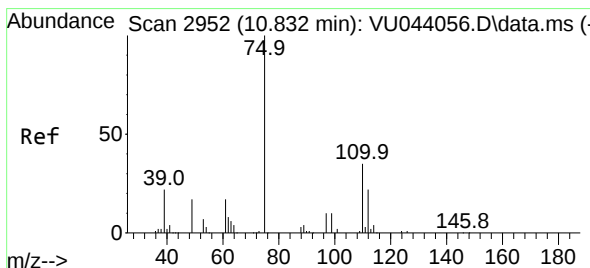
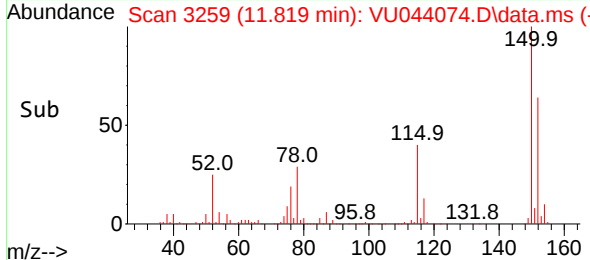
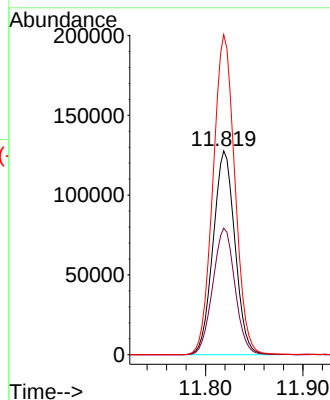
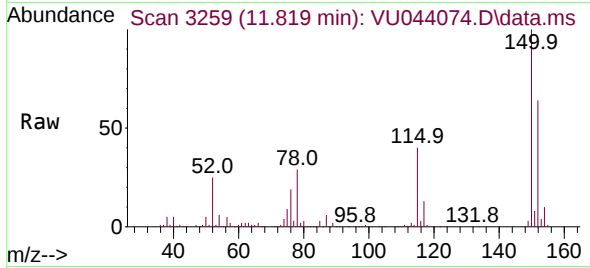




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU044074.D
 Acq: 07 Jun 2021 22:37

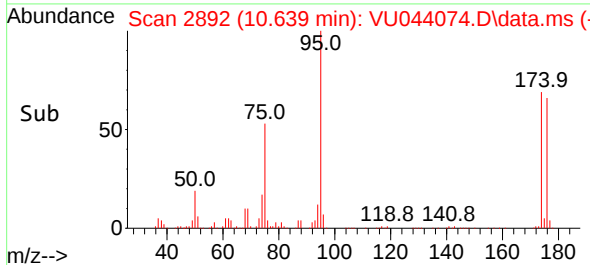
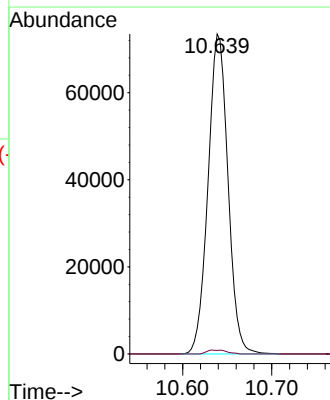
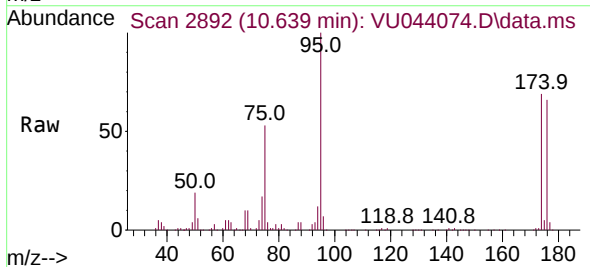
Instrument :
 MSVOA_U
 ClientSampleId :
 18-B12(26-30)

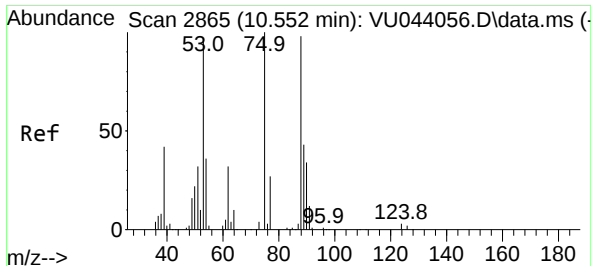
Tgt Ion:152 Resp: 199131
 Ion Ratio Lower Upper
 152 100
 115 63.2 44.6 134.0
 150 157.4 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 20.477 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044074.D
 Acq: 07 Jun 2021 22:37

Tgt Ion: 75 Resp: 114068
 Ion Ratio Lower Upper
 75 100
 77 1.2 16.9 50.6#

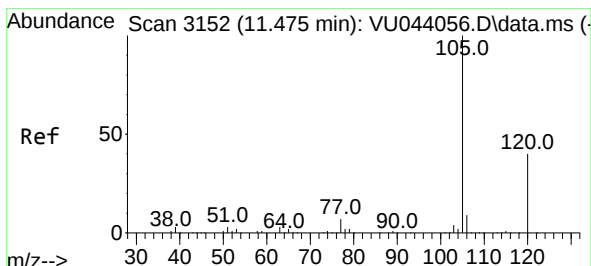
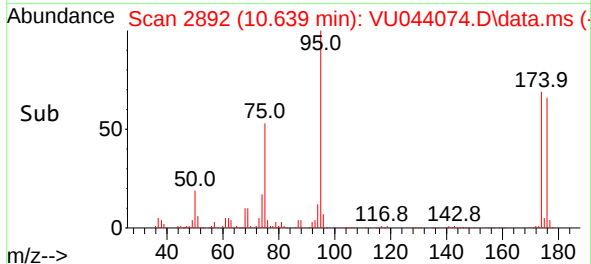
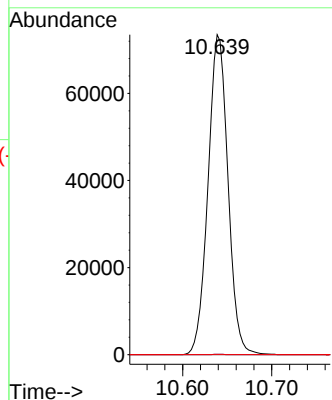
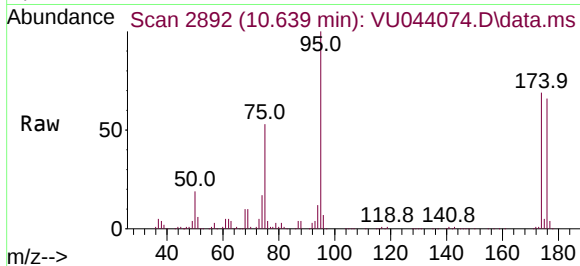




#81
trans-1,4-Dichloro-2-butene
Concen: 59.793 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

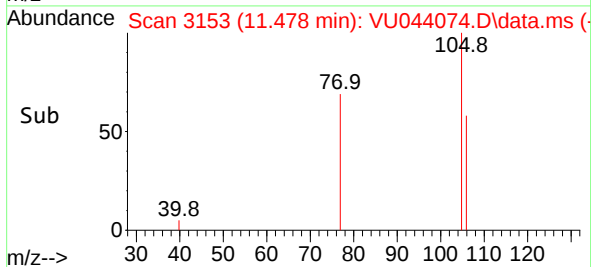
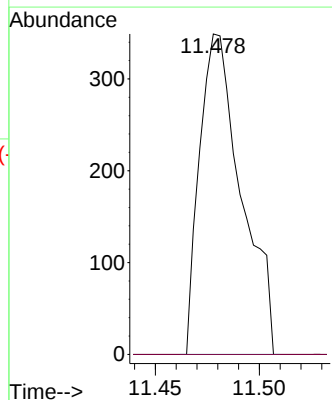
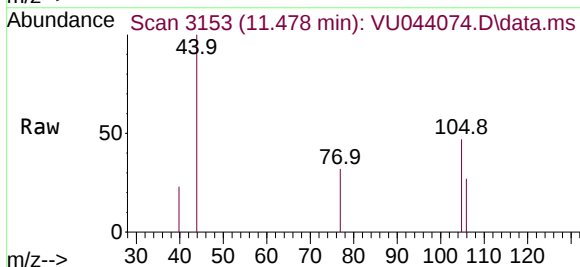
Instrument :
MSVOA_U
ClientSampleId :
18-B12(26-30)

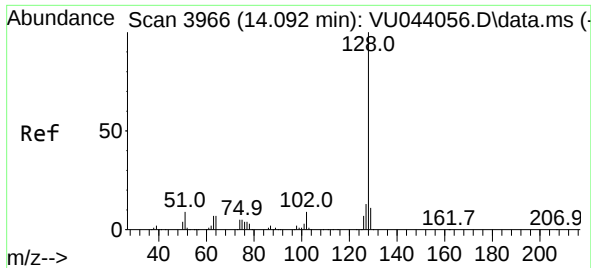
Tgt Ion: 75 Resp: 114068
Ion Ratio Lower Upper
75 100
53 0.1 76.9 115.3#
89 0.0 33.8 50.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.986 ug/l
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

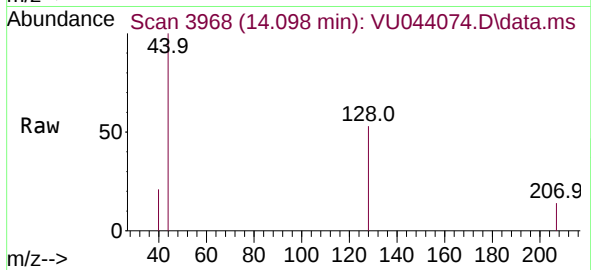
Tgt Ion: 105 Resp: 488
Ion Ratio Lower Upper
105 100
120 0.0 21.9 65.7#





#95
Naphthalene
Concen: 2.913 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU044074.D
Acq: 07 Jun 2021 22:37

Instrument :
MSVOA_U
ClientSampleId :
18-B12(26-30)



Tgt Ion:128 Resp: 967
Ion Ratio Lower Upper
128 100
127 2.0 10.2 15.4#
129 0.0 8.7 13.1#

