

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060821\
 Data File : VU044102.D
 Acq On : 08 Jun 2021 09:57
 Operator : SY/MD
 Sample : M2613-25
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 08 23:11:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 08 17:38:51 2021
 Response via : Initial Calibration

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

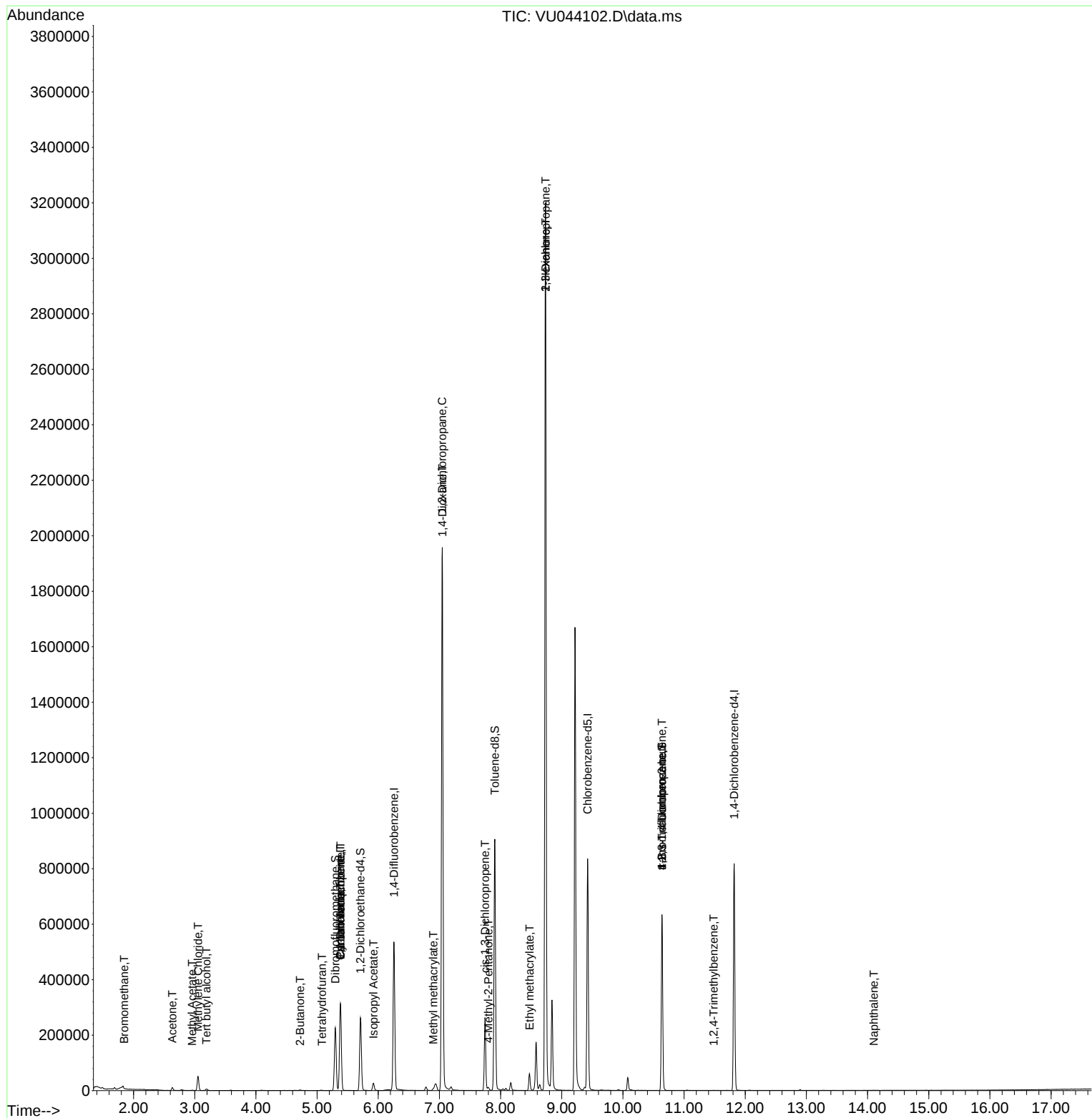
Internal Standards						
1) Pentafluorobenzene	5.382	168	204964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	409488	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	440948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	203655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	191686	53.700	ug/l	0.00
Spiked Amount 50.000			Recovery	= 107.400%		
35) Dibromofluoromethane	5.298	113	146792	50.234	ug/l	0.00
Spiked Amount 50.000			Recovery	= 100.460%		
50) Toluene-d8	7.906	98	578266	51.303	ug/l	0.00
Spiked Amount 50.000			Recovery	= 102.600%		
62) 4-Bromofluorobenzene	10.639	95	214940	48.165	ug/l	0.00
Spiked Amount 50.000			Recovery	= 96.320%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.527	50	757	Below Cal		91
5) Bromomethane	1.845	94	378	0.240 ug/l	#	72
11) Tert butyl alcohol	3.192	59	3817	4.313 ug/l	#	72
16) Acetone	2.633	43	12274	5.958 ug/l		94
18) Methyl Acetate	2.957	43	1968	0.433 ug/l	#	75
20) Methylene Chloride	3.054	84	24277	6.375 ug/l		93
25) 2-Butanone	4.723	43	3462	1.178 ug/l		97
29) Tetrahydrofuran	5.079	42	925	0.567 ug/l	#	83
31) Cyclohexane	5.382	56	4836	0.982 ug/l	#	1
36) 1,1-Dichloropropene	5.382	75	18285	3.963 ug/l	#	51
38) Carbon Tetrachloride	5.385	117	22066	5.294 ug/l	#	17
43) Isopropyl Acetate	5.922	43	27669	3.367 ug/l		100
45) 1,2-Dichloropropane	7.044	63	2641	0.696 ug/l	#	42
48) Methyl methacrylate	6.899	41	9853	2.431 ug/l	#	14
49) 1,4-Dioxane	7.050	88	150	1.506 ug/l	#	1
51) 4-Methyl-2-Pentanone	7.800	43	6710	1.099 ug/l		90
54) cis-1,3-Dichloropropene	7.745	75	44988	7.974 ug/l	#	66
56) Ethyl methacrylate	8.475	69	460	3.456 ug/l	#	1
57) 1,3-Dichloropropane	8.735	76	31847	5.126 ug/l	#	43
59) 2-Hexanone	8.735	43	420087	88.576 ug/l	#	50
76) 1,2,3-Trichloropropane	10.639	75	110654	19.423 ug/l	#	43
81) trans-1,4-Dichloro-2-b...	10.639	75	110654	56.715 ug/l	#	11
84) 1,2,4-Trimethylbenzene	11.484	105	217	0.965 ug/l	#	32
95) Naphthalene	14.102	128	412	2.873 ug/l	#	69

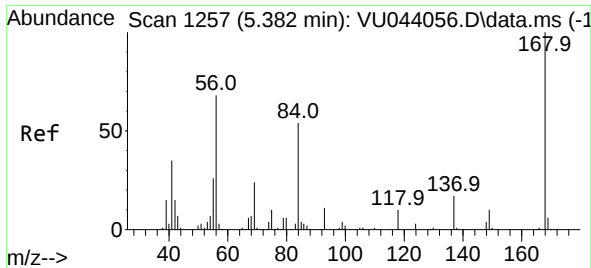
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060821\
Data File : VU044102.D
Acq On : 08 Jun 2021 09:57
Operator : SY/MD
Sample : M2613-25
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 08 23:11:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060721W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 08 17:38:51 2021
Response via : Initial Calibration

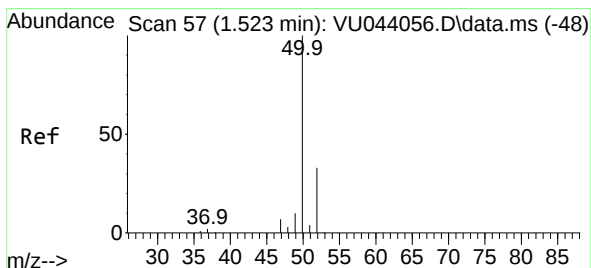
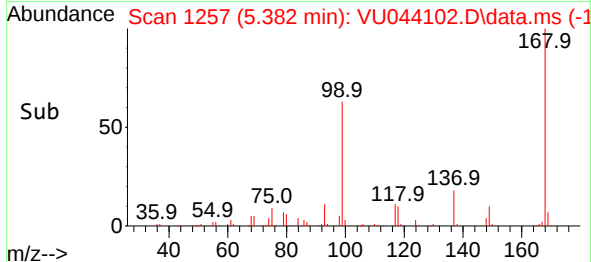
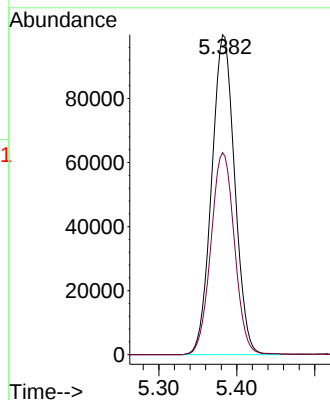
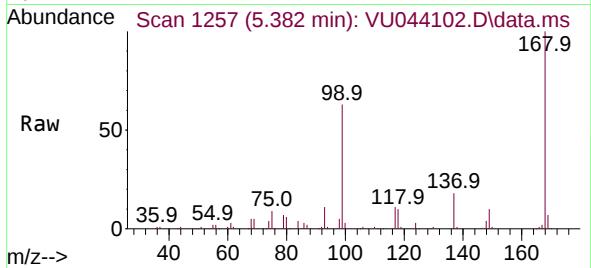




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

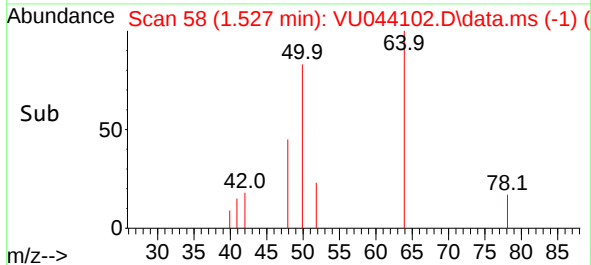
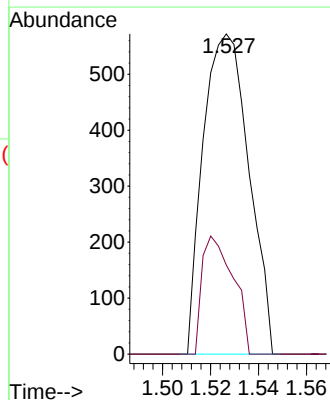
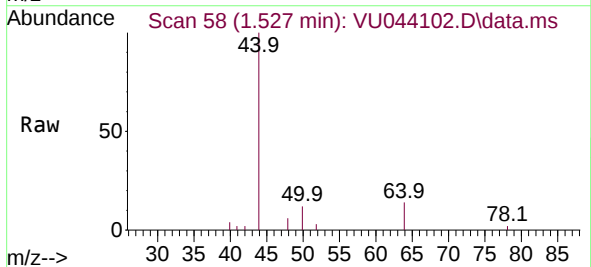
Instrument :
MSVOA_U
ClientSampled :

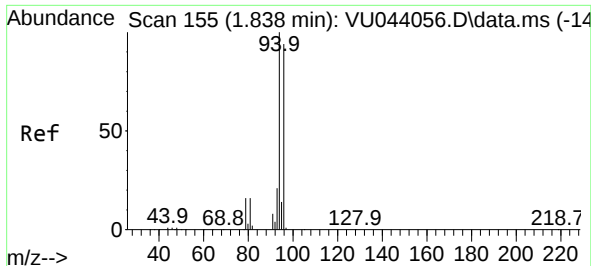
Tgt Ion:168 Resp: 204964
Ion Ratio Lower Upper
168 100
99 63.2 52.6 78.8



#3
Chloromethane
Concen: Below Cal
RT: 1.527 min Scan# 58
Delta R.T. 0.004 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

Tgt Ion: 50 Resp: 757
Ion Ratio Lower Upper
50 100
52 27.8 26.2 39.2

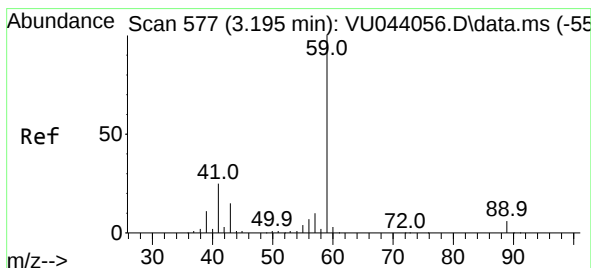
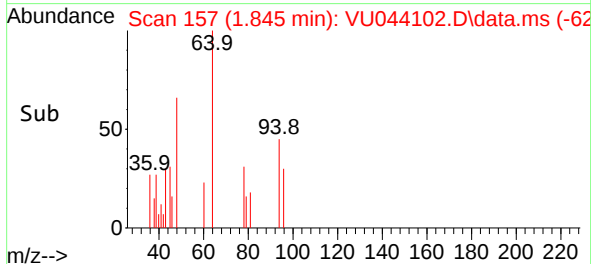
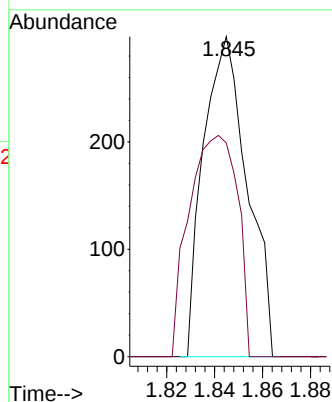
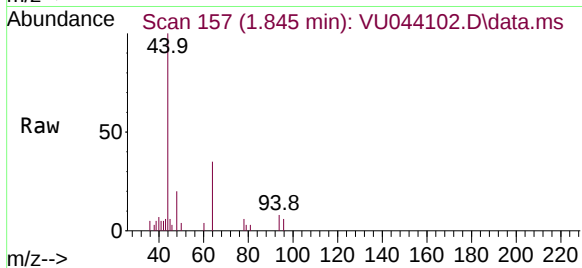




#5
Bromomethane
Concen: 0.240 ug/l
RT: 1.845 min Scan# 157
Delta R.T. 0.007 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

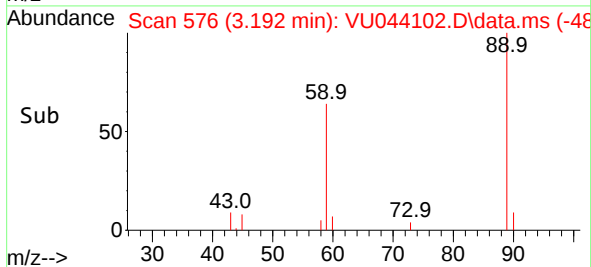
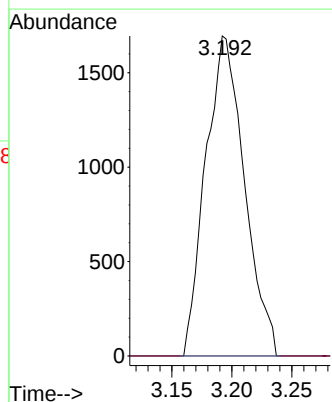
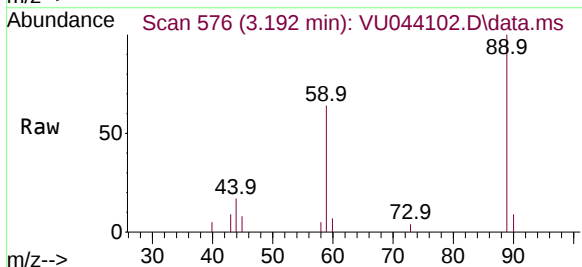
Instrument :
MSVOA_U
ClientSampled :

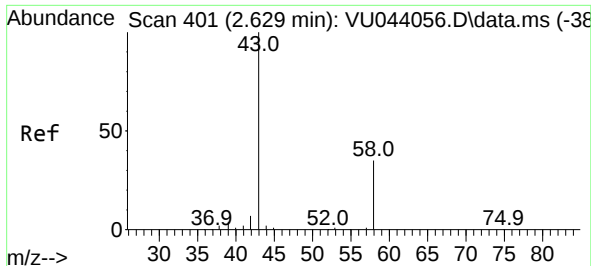
Tgt Ion: 94 Resp: 378
Ion Ratio Lower Upper
94 100
96 66.8 74.8 112.2#



#11
Tert butyl alcohol
Concen: 4.313 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.003 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

Tgt Ion: 59 Resp: 3817
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

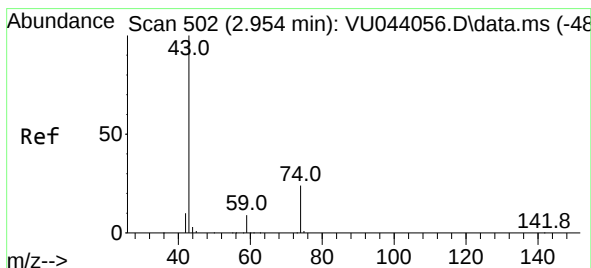
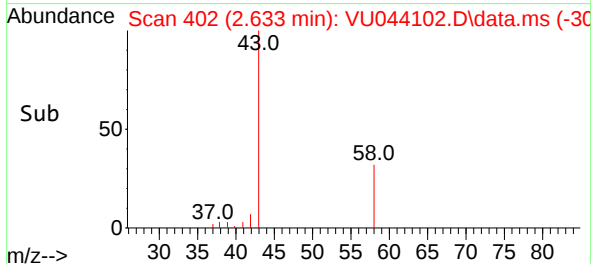
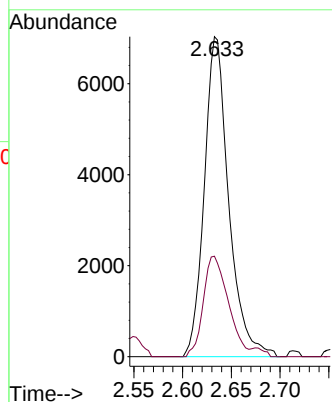
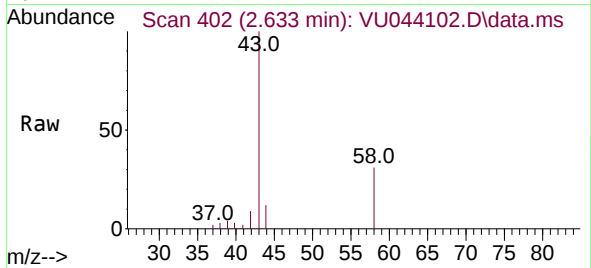




#16
Acetone
Concen: 5.958 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

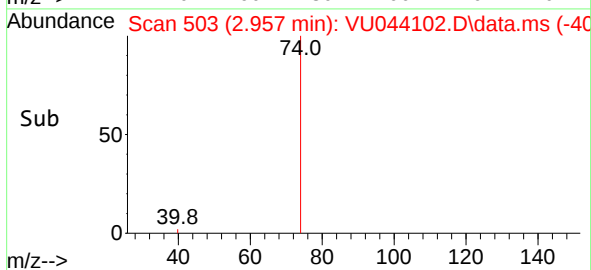
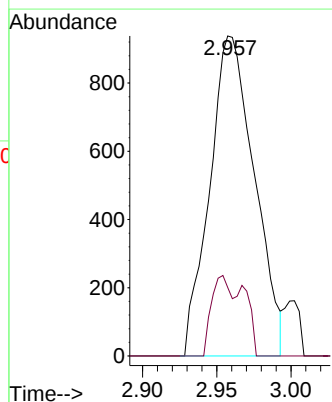
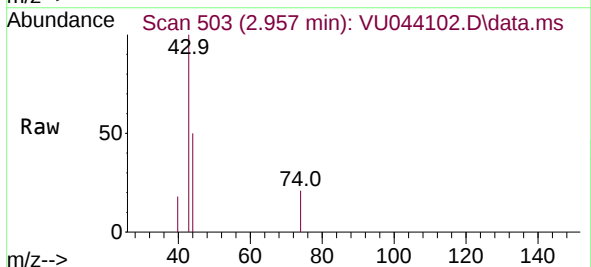
Instrument :
MSVOA_U
ClientSampled :

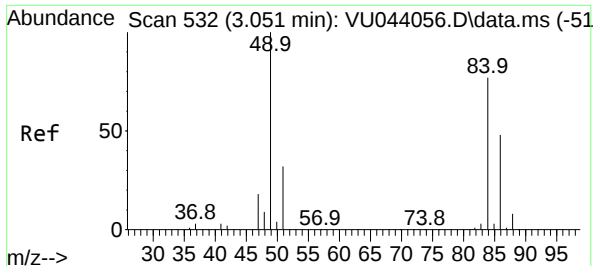
Tgt Ion: 43 Resp: 12274
Ion Ratio Lower Upper
43 100
58 31.4 27.7 41.5



#18
Methyl Acetate
Concen: 0.433 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

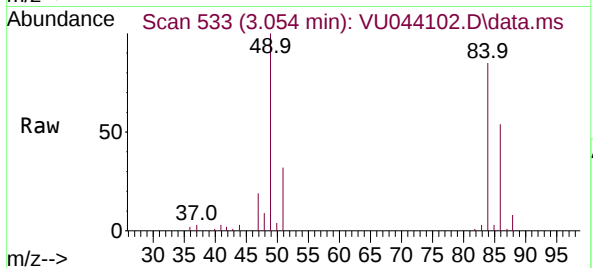
Tgt Ion: 43 Resp: 1968
Ion Ratio Lower Upper
43 100
74 11.1 18.7 28.1#





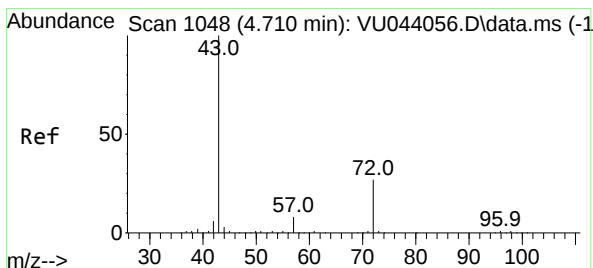
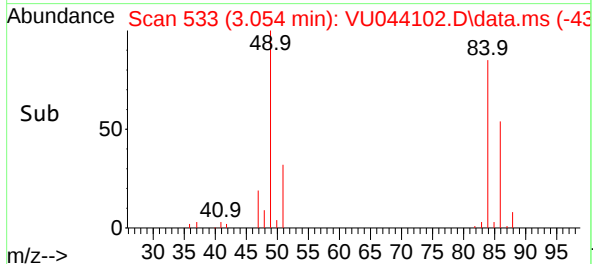
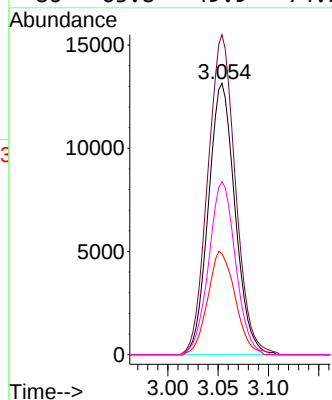
#20
Methylene Chloride
Concen: 6.375 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 24277

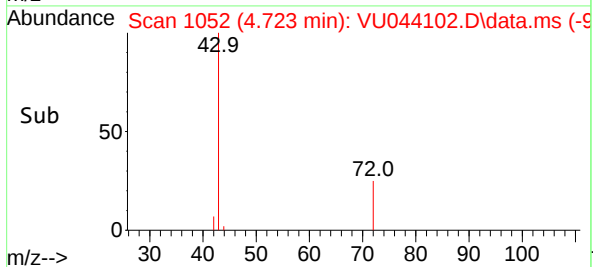
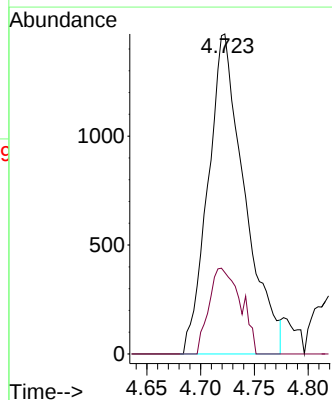
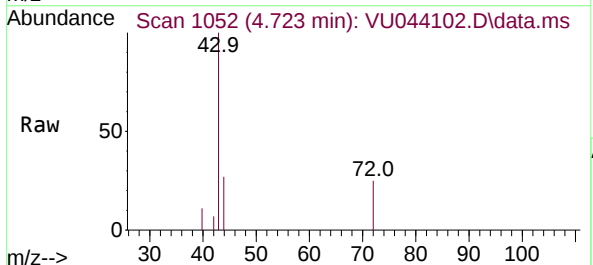
Ion	Ratio	Lower	Upper
84	100		
49	118.0	103.6	155.4
51	37.3	32.8	49.2
86	63.8	49.9	74.9

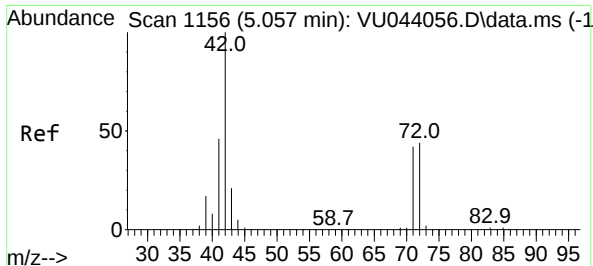


#25
2-Butanone
Concen: 1.178 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.013 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

Tgt Ion: 43 Resp: 3462

Ion	Ratio	Lower	Upper
43	100		
72	25.5	21.4	32.2





#29

Tetrahydrofuran

Concen: 0.567 ug/l

RT: 5.079 min Scan# 1163

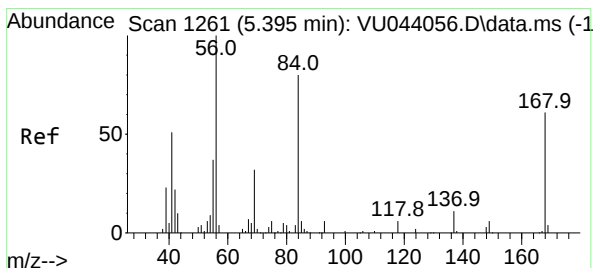
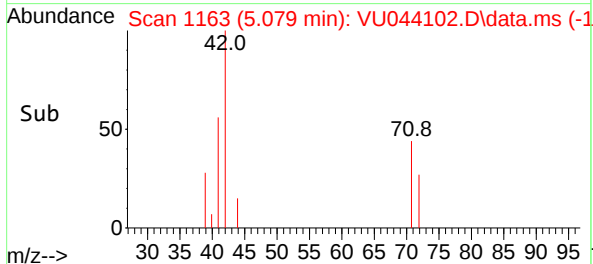
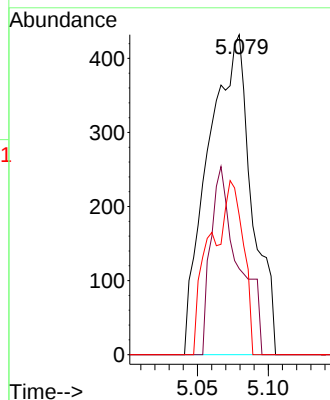
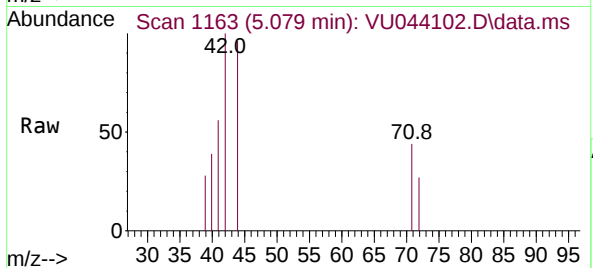
Delta R.T. 0.022 min

Lab File: VU044102.D

Acq: 08 Jun 2021 09:57

Tgt Ion:	42	Resp:	925
Ion	Ratio	Lower	Upper
42	100		
72	37.4	35.6	53.4
71	26.2	33.3	49.9#

Instrument :
MSVOA_U
ClientSampleId :



#31

Cyclohexane

Concen: 0.982 ug/l

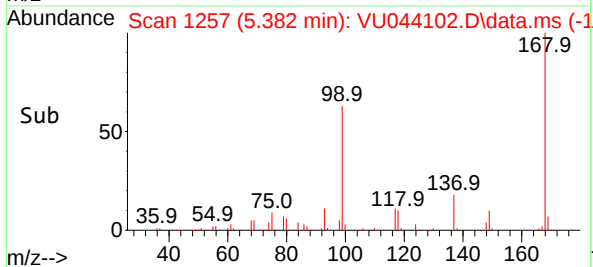
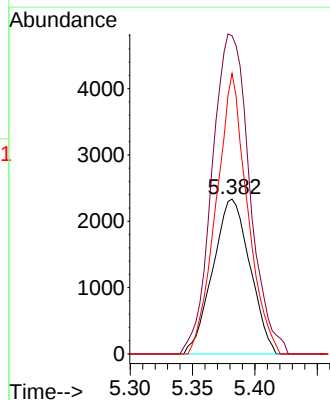
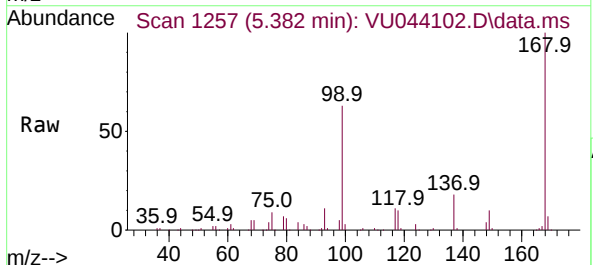
RT: 5.382 min Scan# 1257

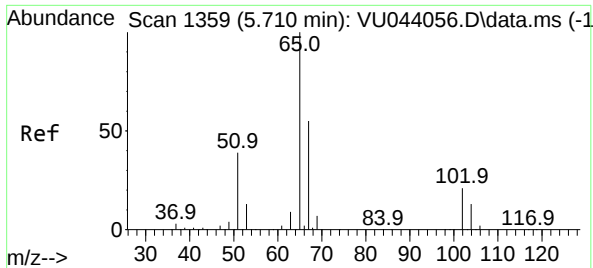
Delta R.T. -0.013 min

Lab File: VU044102.D

Acq: 08 Jun 2021 09:57

Tgt Ion:	56	Resp:	4836
Ion	Ratio	Lower	Upper
56	100		
69	205.4	25.4	38.2#
84	181.1	64.2	96.2#

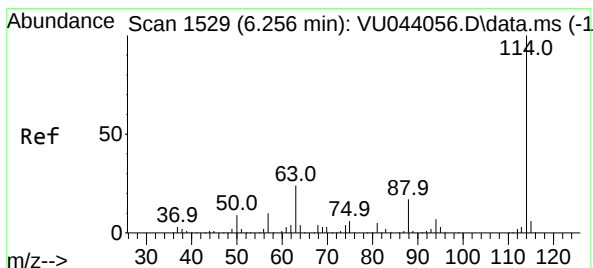
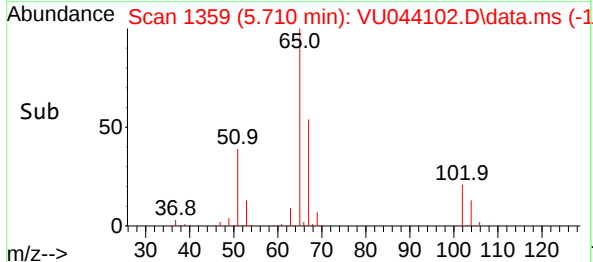
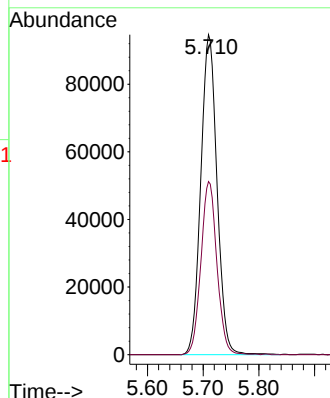
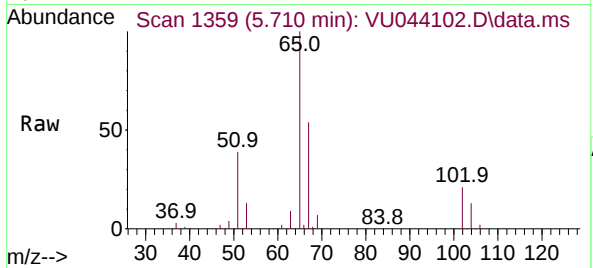




#33
1,2-Dichloroethane-d4
Concen: 53.700 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

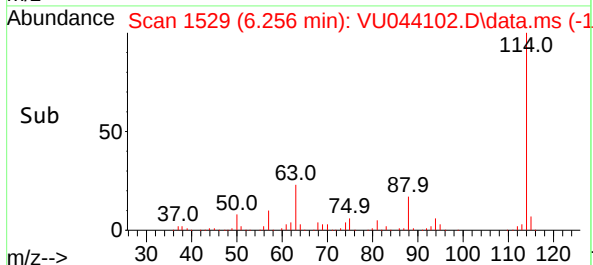
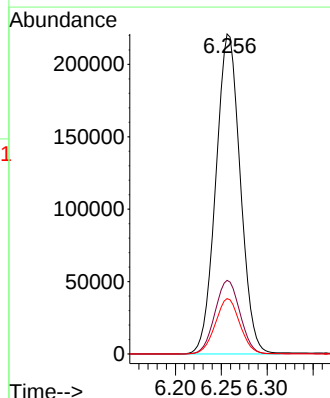
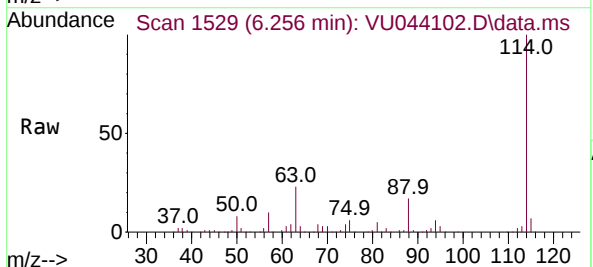
Instrument :
MSVOA_U
ClientSampled :

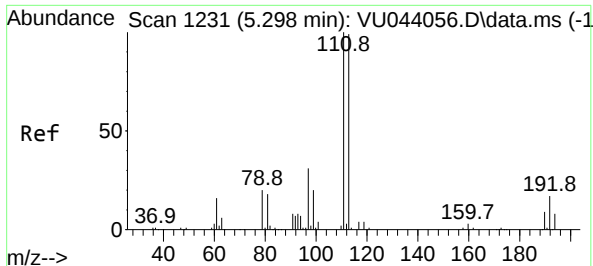
Tgt Ion: 65 Resp: 191686
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

Tgt Ion:114 Resp: 409488
Ion Ratio Lower Upper
114 100
63 23.0 0.0 48.4
88 17.3 0.0 34.4

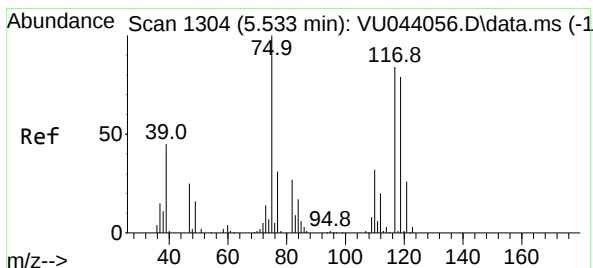
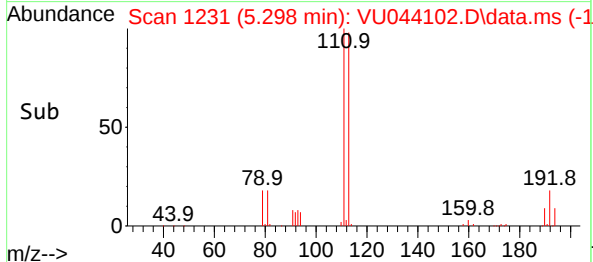
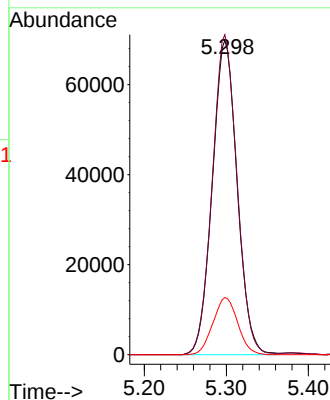
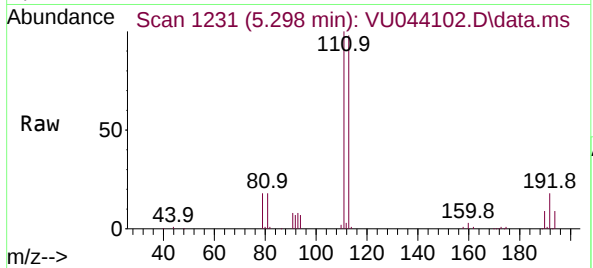




#35
Dibromofluoromethane
Concen: 50.234 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

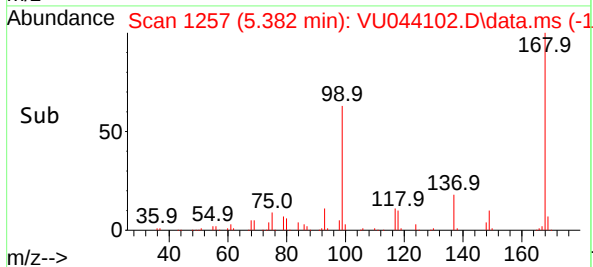
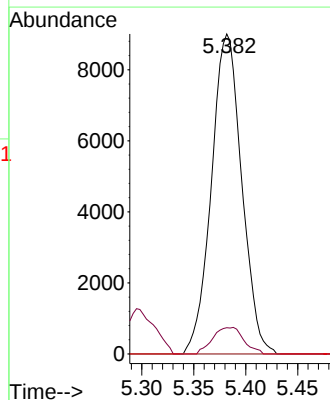
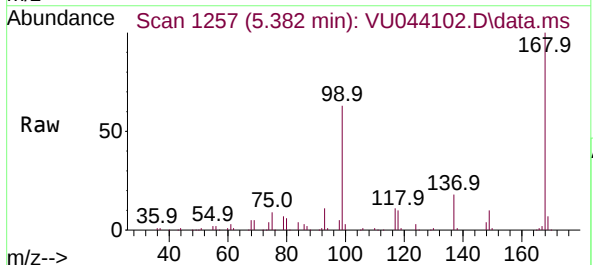
Instrument :
MSVOA_U
ClientSampleId :

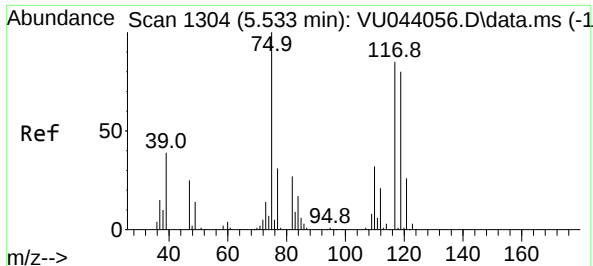
Tgt Ion:113 Resp: 146792
Ion Ratio Lower Upper
113 100
111 101.4 82.1 123.1
192 18.2 13.8 20.8



#36
1,1-Dichloropropene
Concen: 3.963 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

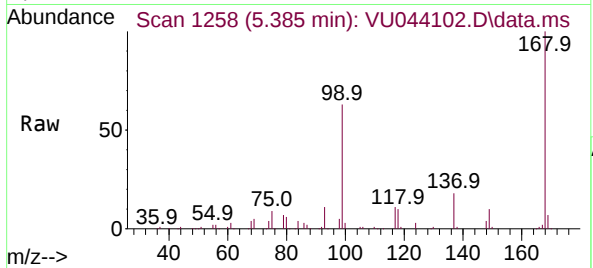
Tgt Ion: 75 Resp: 18285
Ion Ratio Lower Upper
75 100
110 8.5 15.9 47.7#
77 0.0 25.0 37.4#



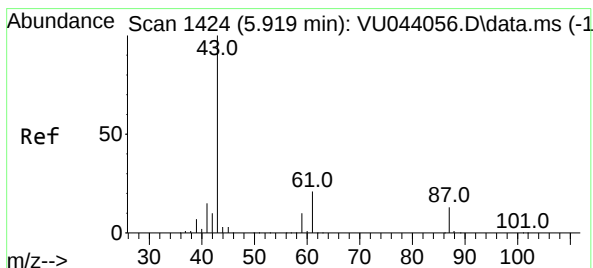
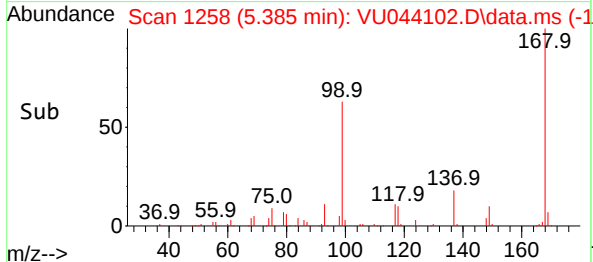
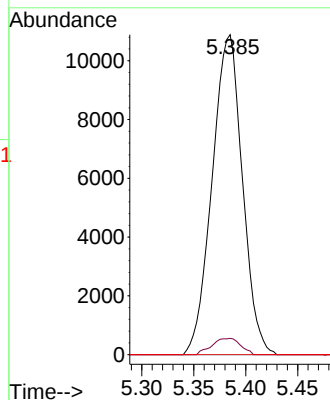


#38
Carbon Tetrachloride
Concen: 5.294 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

Instrument :
MSVOA_U
ClientSampled :

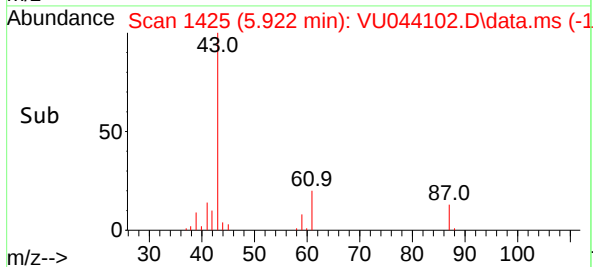
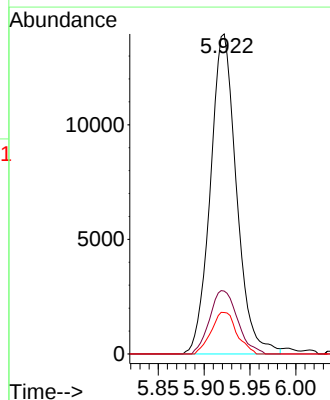
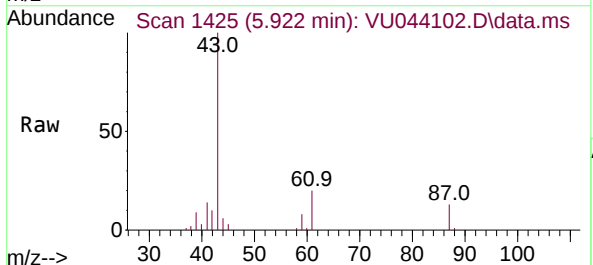


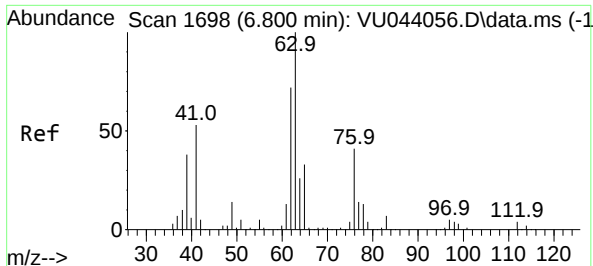
Tgt Ion:117 Resp: 22066
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.2#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 3.367 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

Tgt Ion: 43 Resp: 27669
Ion Ratio Lower Upper
43 100
61 21.1 16.8 25.2
87 12.7 10.2 15.2



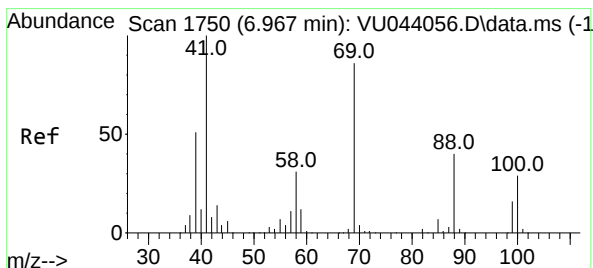
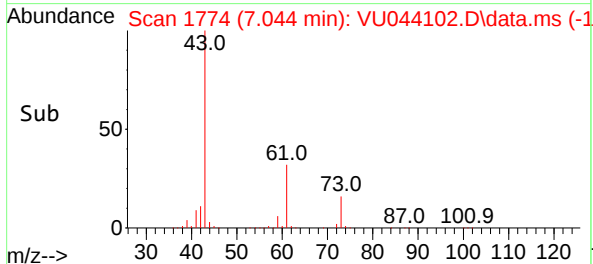
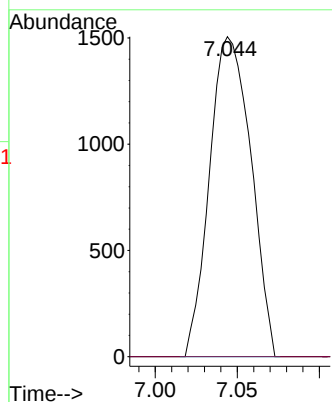
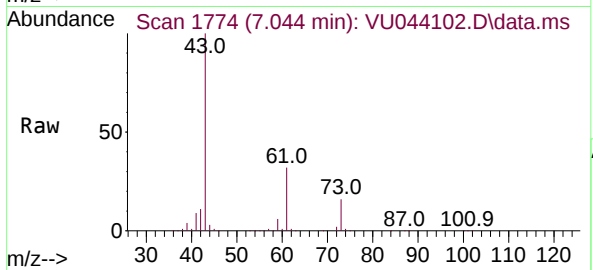


#45

1,2-Dichloropropane
Concen: 0.696 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.244 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

Instrument :
MSVOA_U
ClientSampled :

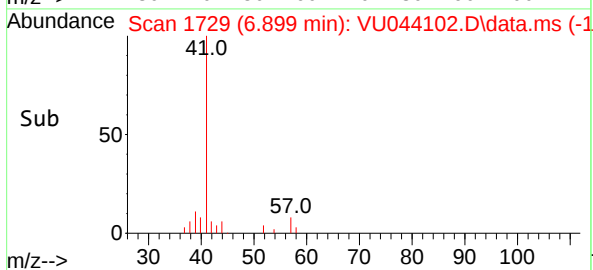
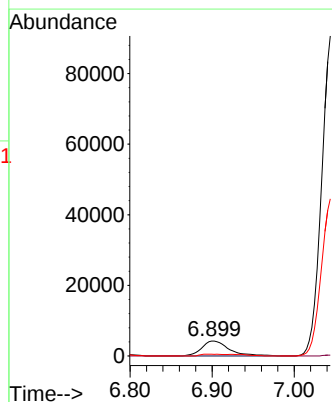
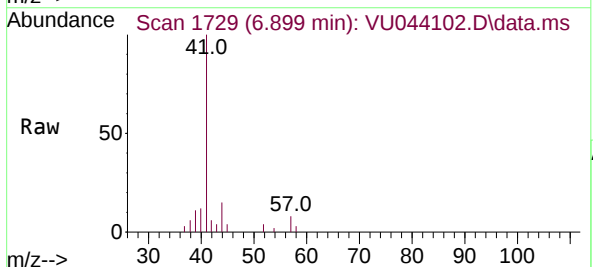
Tgt Ion: 63 Resp: 2641
Ion Ratio Lower Upper
63 100
65 0.0 26.3 39.5#

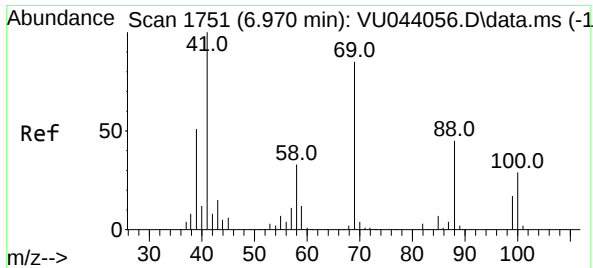


#48

Methyl methacrylate
Concen: 2.431 ug/l
RT: 6.899 min Scan# 1729
Delta R.T. -0.068 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

Tgt Ion: 41 Resp: 9853
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: 1.506 ug/l

RT: 7.050 min Scan# 1776

Delta R.T. 0.080 min

Lab File: VU044102.D

Acq: 08 Jun 2021 09:57

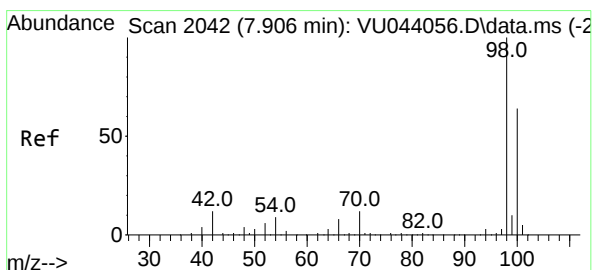
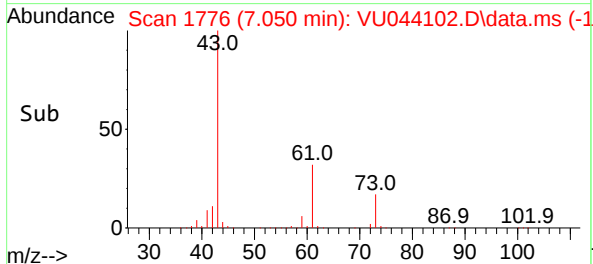
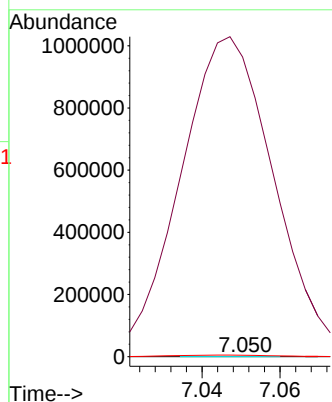
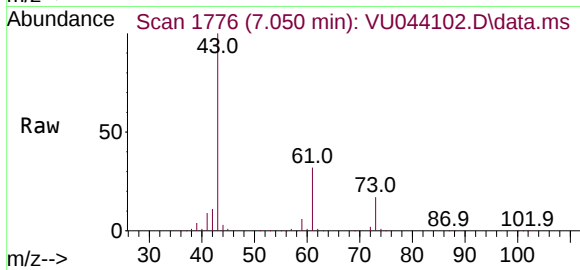
Tgt Ion: 88 Resp: 150

Ion Ratio Lower Upper

88 100

43 1174686.0 25.0 37.4#

58 6542.7 60.0 90.0#



#50

Toluene-d8

Concen: 51.303 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU044102.D

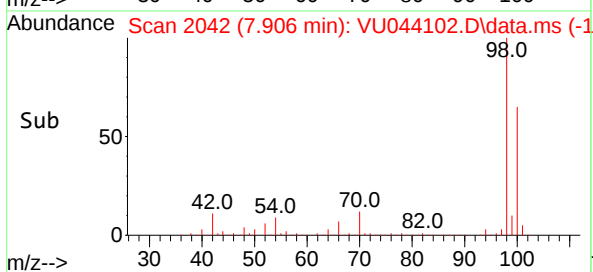
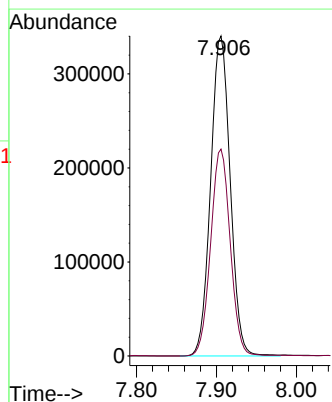
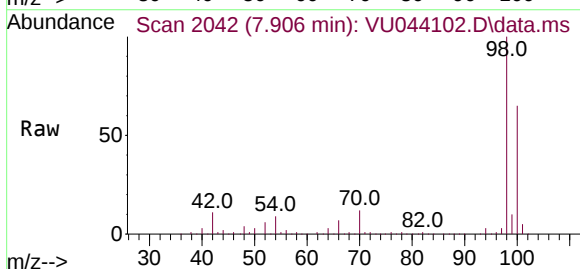
Acq: 08 Jun 2021 09:57

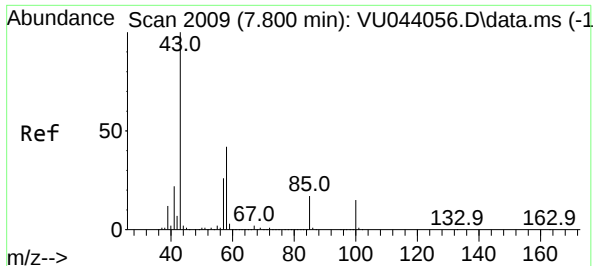
Tgt Ion: 98 Resp: 578266

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4

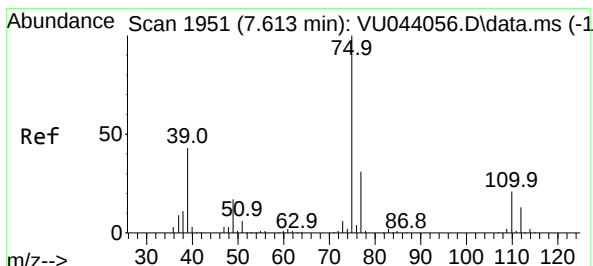
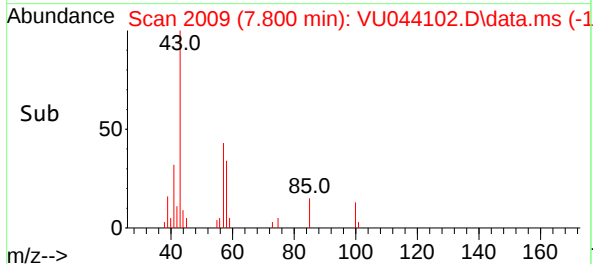
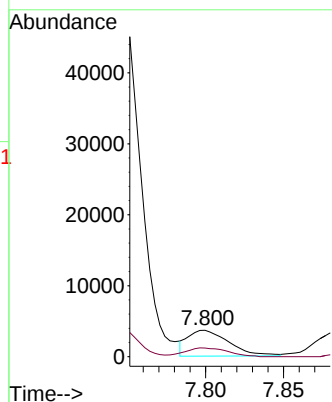
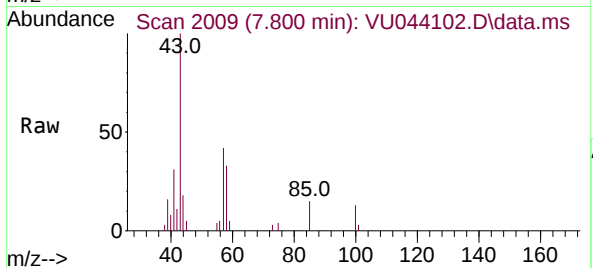




#51
4-Methyl-2-Pentanone
Concen: 1.099 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

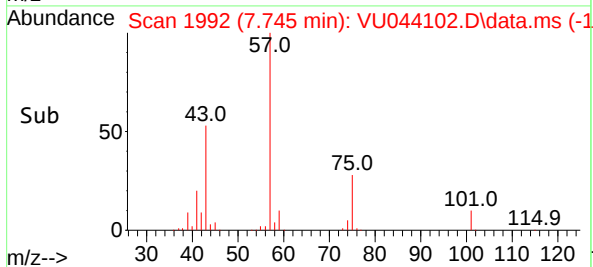
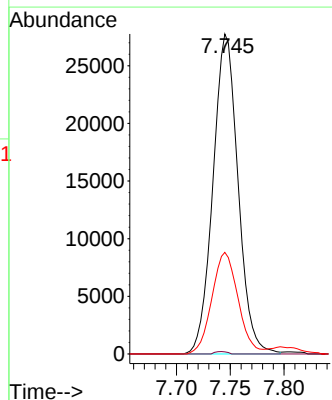
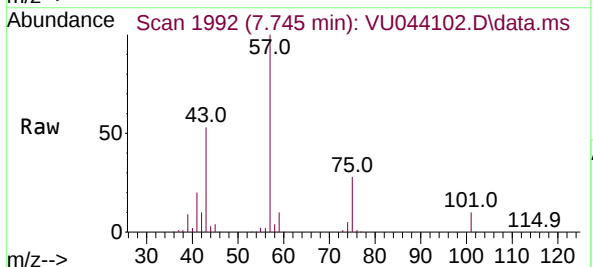
Instrument :
MSVOA_U
ClientSampled :

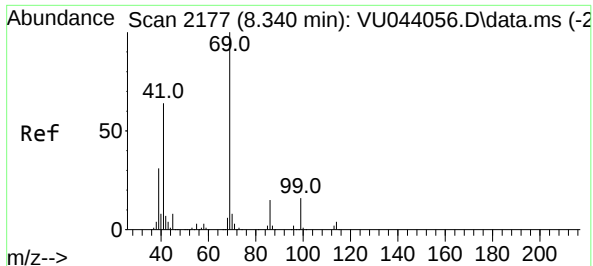
Tgt Ion: 43 Resp: 6710
Ion Ratio Lower Upper
43 100
58 35.3 33.3 49.9



#54
cis-1,3-Dichloropropene
Concen: 7.974 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

Tgt Ion: 75 Resp: 44988
Ion Ratio Lower Upper
75 100
77 0.7 25.0 37.4#
39 31.7 34.7 52.1#

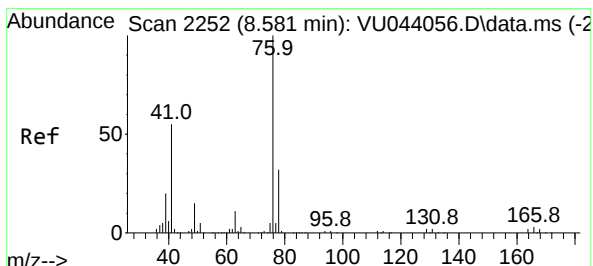
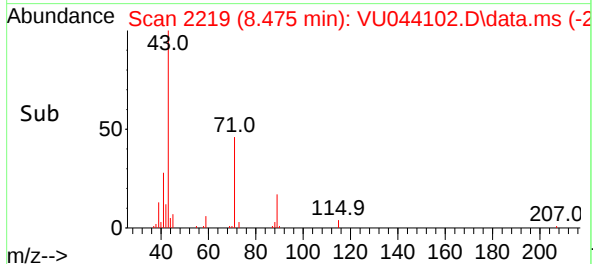
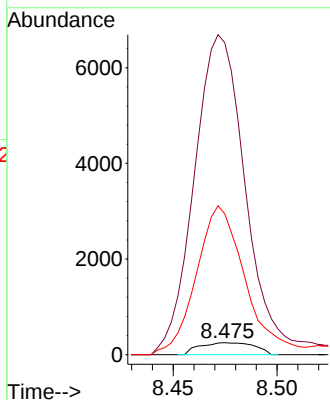
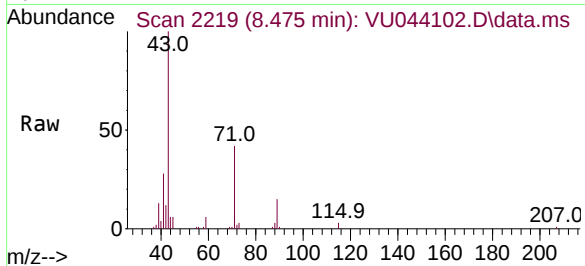




#56
Ethyl methacrylate
Concen: 3.456 ug/l
RT: 8.475 min Scan# 2219
Delta R.T. 0.135 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

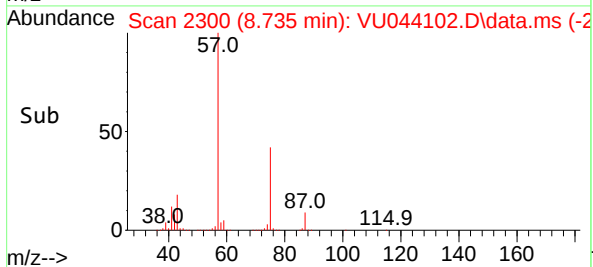
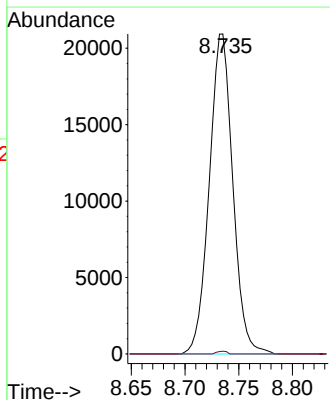
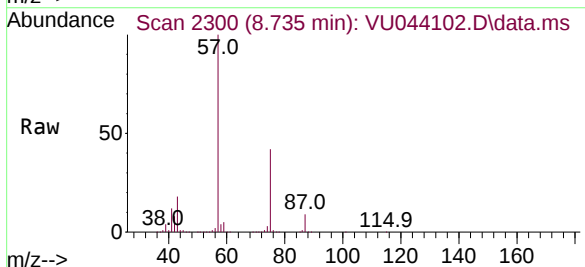
Instrument :
MSVOA_U
ClientSampleId :

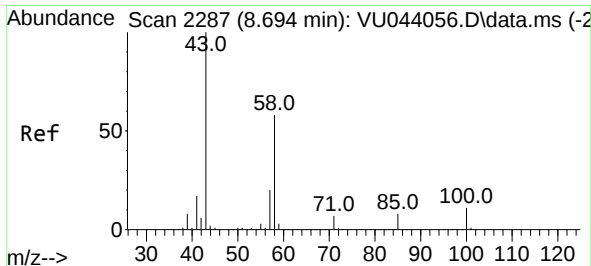
Tgt Ion: 69 Resp: 460
Ion Ratio Lower Upper
69 100
41 2518.5 51.4 77.0#
39 1109.1 24.9 37.3#



#57
1,3-Dichloropropane
Concen: 5.126 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.154 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

Tgt Ion: 76 Resp: 31847
Ion Ratio Lower Upper
76 100
78 0.4 25.9 38.9#

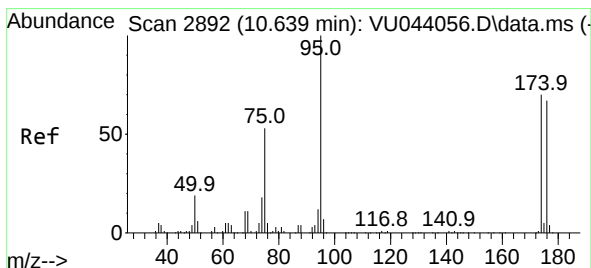
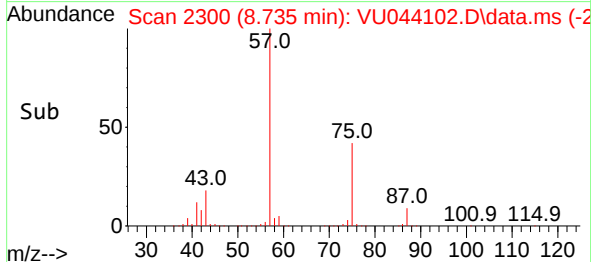
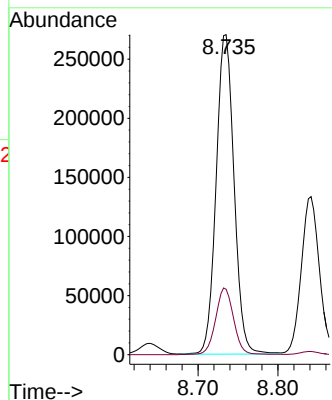
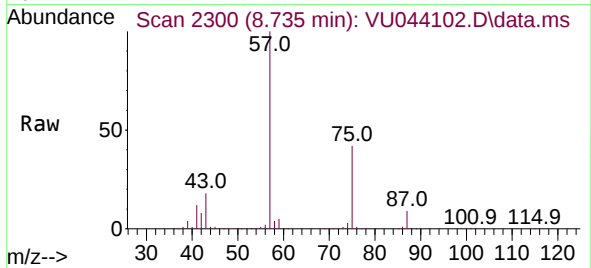




#59
2-Hexanone
Concen: 88.576 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.041 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

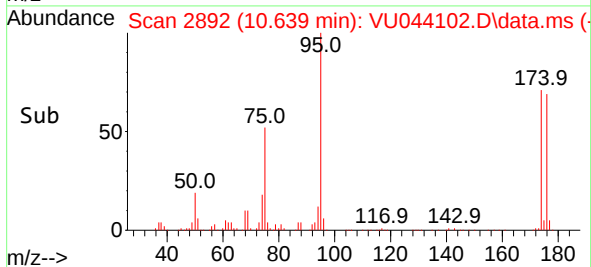
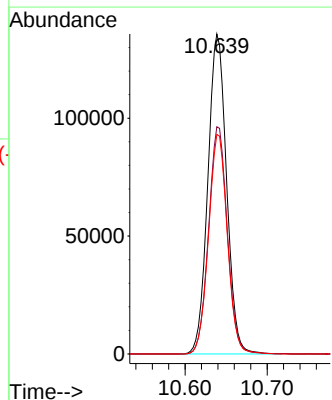
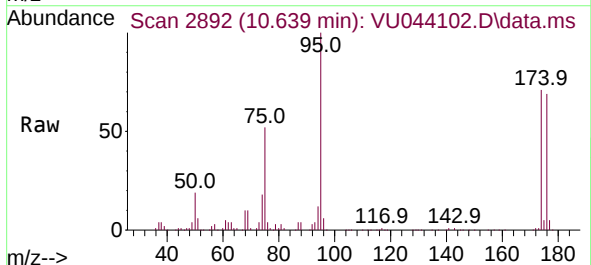
Instrument :
MSVOA_U
ClientSampled :

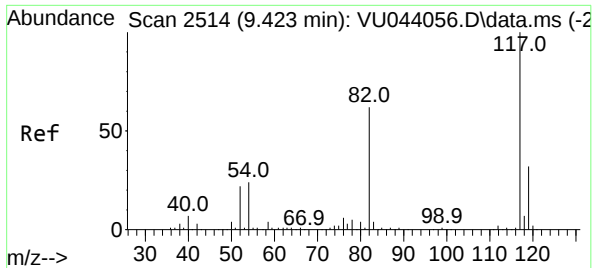
Tgt Ion: 43 Resp: 420087
Ion Ratio Lower Upper
43 100
58 21.0 29.0 87.1#



#62
4-Bromofluorobenzene
Concen: 48.165 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

Tgt Ion: 95 Resp: 214940
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.0
176 68.6 0.0 135.2

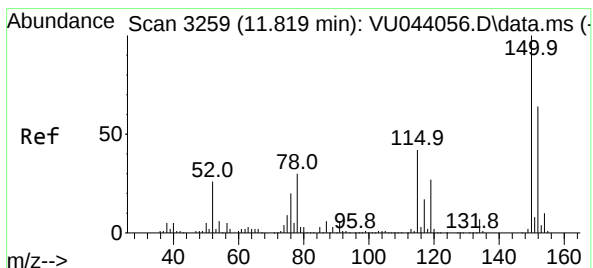
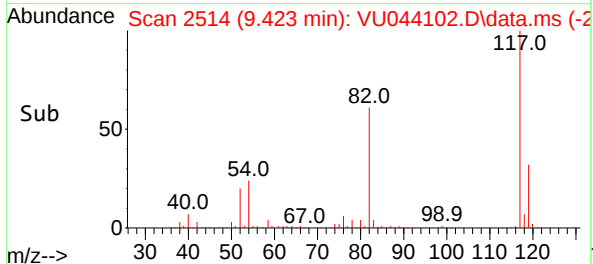
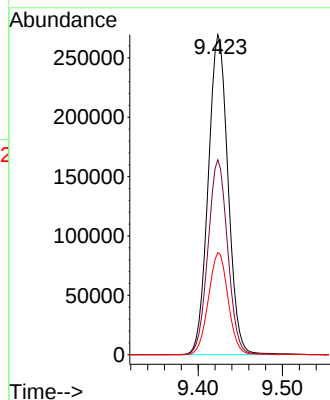
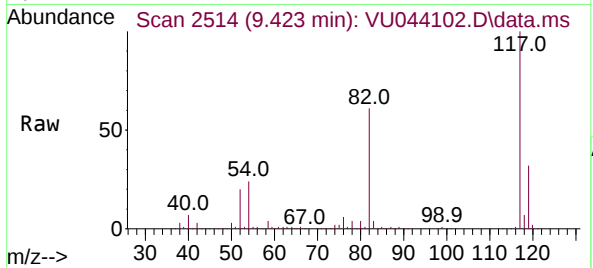




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

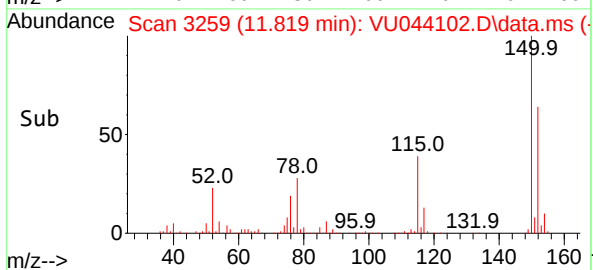
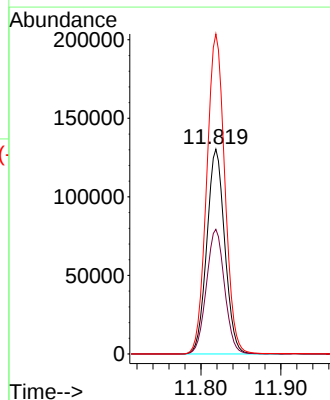
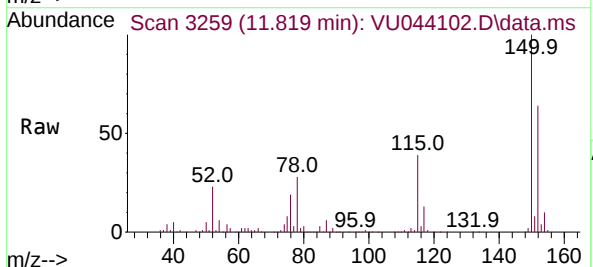
Instrument :
MSVOA_U
ClientSampleId :

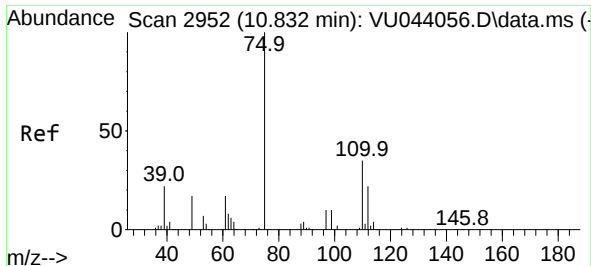
Tgt Ion:117 Resp: 440948
Ion Ratio Lower Upper
117 100
82 60.9 50.0 75.0
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

Tgt Ion:152 Resp: 203655
Ion Ratio Lower Upper
152 100
115 61.7 44.6 134.0
150 157.7 0.0 347.8

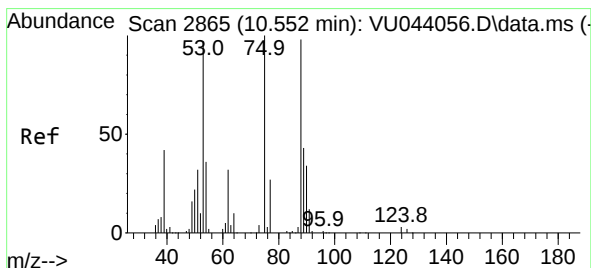
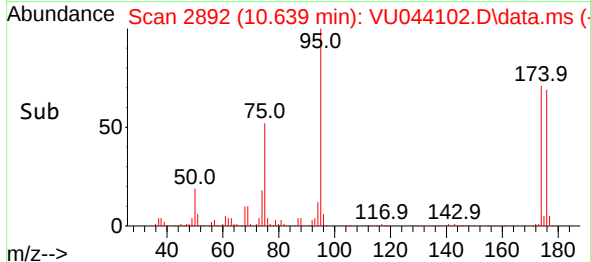
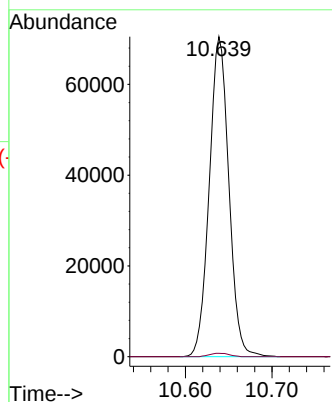
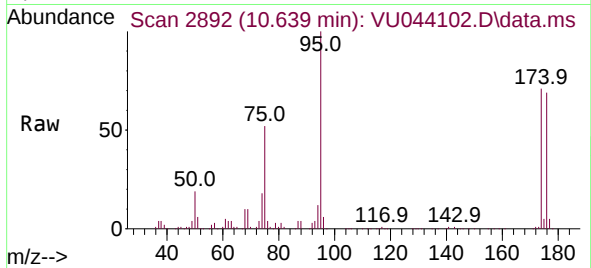




#76
1,2,3-Trichloropropane
Concen: 19.423 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

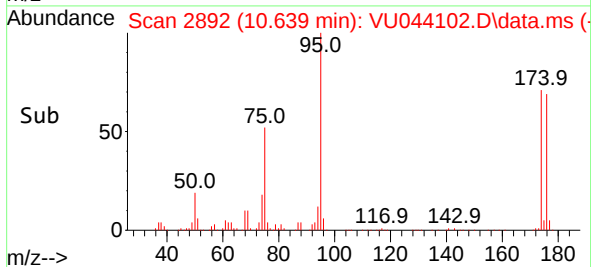
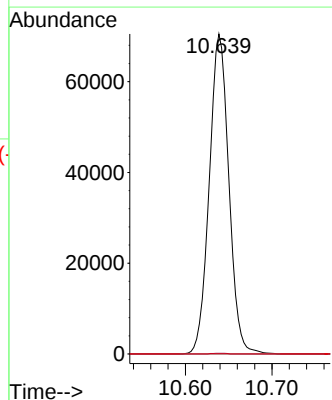
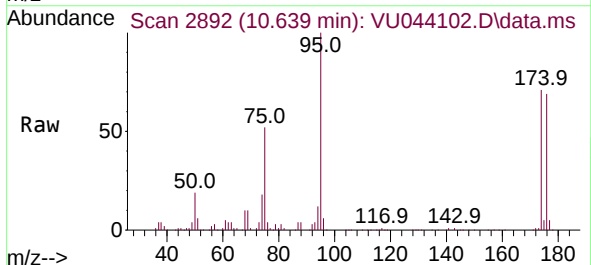
Instrument :
MSVOA_U
ClientSampled :

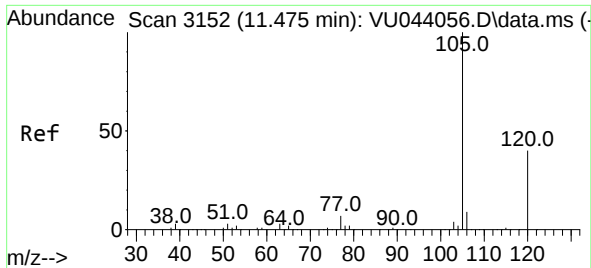
Tgt Ion: 75 Resp: 110654
Ion Ratio Lower Upper
75 100
77 1.1 16.9 50.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.715 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

Tgt Ion: 75 Resp: 110654
Ion Ratio Lower Upper
75 100
53 0.1 76.9 115.3#
89 0.0 33.8 50.8#

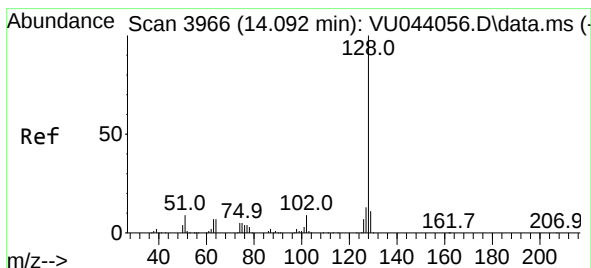
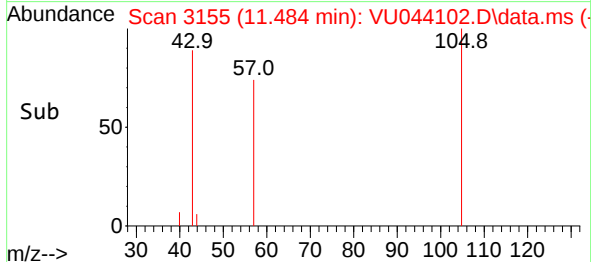
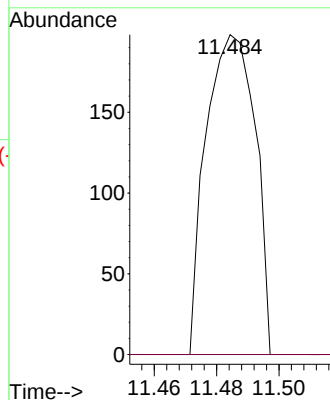
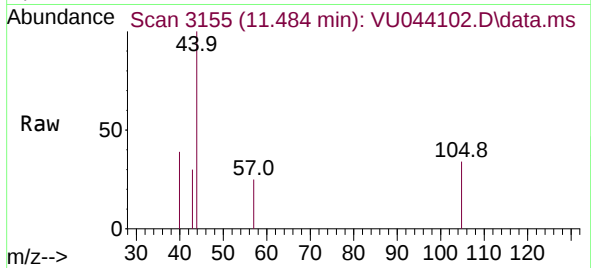




#84
1,2,4-Trimethylbenzene
Concen: 0.965 ug/l
RT: 11.484 min Scan# 3155
Delta R.T. 0.009 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:105 Resp: 217
Ion Ratio Lower Upper
105 100
120 0.0 21.9 65.7#



#95
Naphthalene
Concen: 2.873 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.010 min
Lab File: VU044102.D
Acq: 08 Jun 2021 09:57

Tgt Ion:128 Resp: 412
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.7 13.1#

