

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044178.D
 Acq On : 14 Jun 2021 14:02
 Operator : SY/MD
 Sample : M2672-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 02:44:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

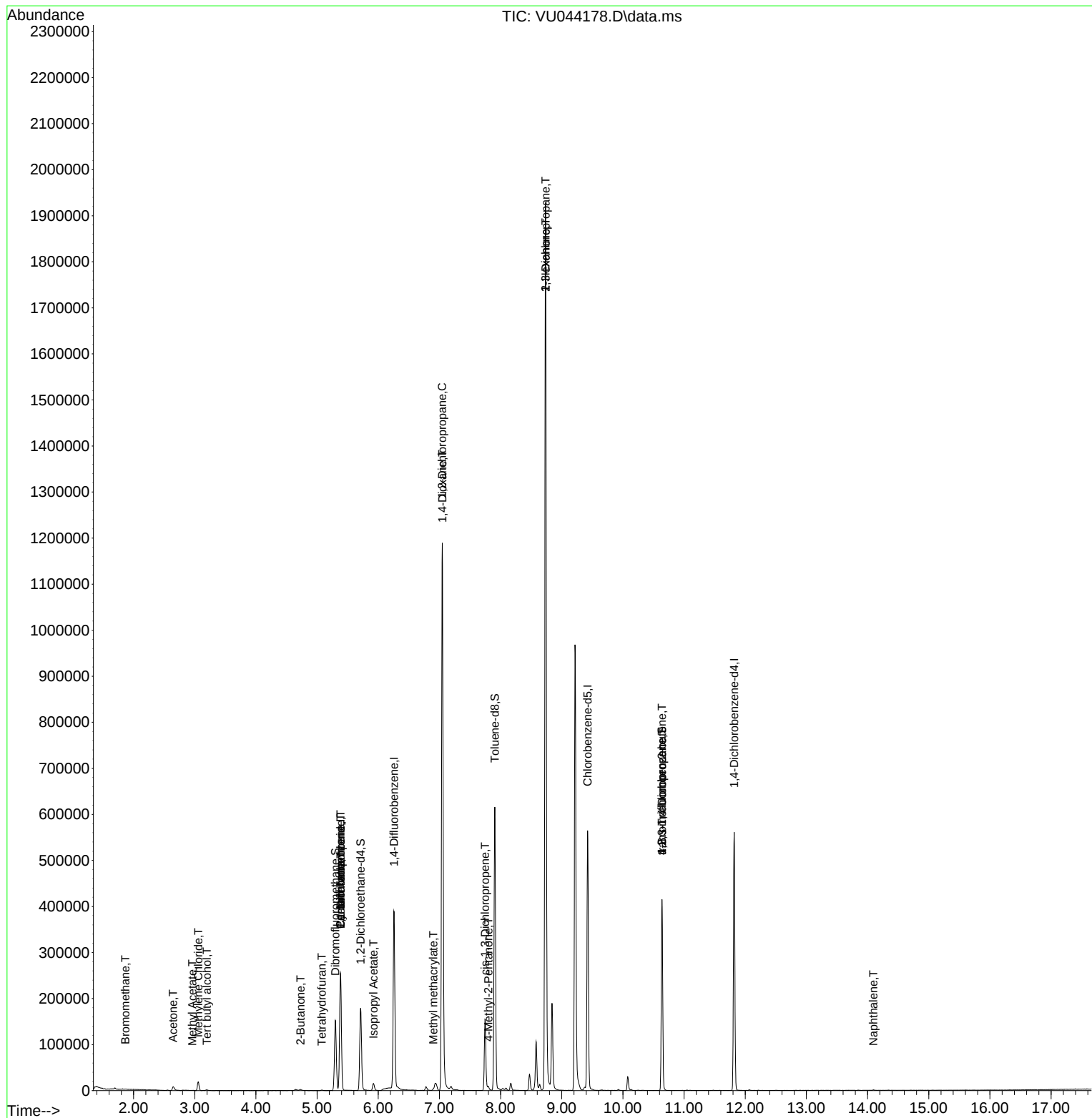
Internal Standards						
1) Pentafluorobenzene	5.385	168	162549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	293410	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	298037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	139909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	135023	52.234	ug/l	0.00
Spiked Amount	50.000		Recovery	= 104.460%		
35) Dibromofluoromethane	5.298	113	98913	48.462	ug/l	0.00
Spiked Amount	50.000		Recovery	= 96.920%		
50) Toluene-d8	7.906	98	400852	51.138	ug/l	0.00
Spiked Amount	50.000		Recovery	= 102.280%		
62) 4-Bromofluorobenzene	10.639	95	142589	45.392	ug/l	0.00
Spiked Amount	50.000		Recovery	= 90.780%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.527	50	417	Below Cal		98
5) Bromomethane	1.867	94	336	0.298 ug/l		86
6) Chloroethane	1.912	64	221	Below Cal	#	42
11) Tert butyl alcohol	3.199	59	1220	1.754 ug/l	#	73
16) Acetone	2.646	43	13140	7.770 ug/l		98
18) Methyl Acetate	2.961	43	841	0.253 ug/l	#	50
20) Methylene Chloride	3.057	84	9354	2.886 ug/l		97
25) 2-Butanone	4.729	43	3851	1.785 ug/l		98
29) Tetrahydrofuran	5.076	42	718	0.612 ug/l	#	75
31) Cyclohexane	5.385	56	4061	1.113 ug/l	#	1
36) 1,1-Dichloropropene	5.385	75	15012	4.599 ug/l	#	49
38) Carbon Tetrachloride	5.385	117	18133	6.153 ug/l	#	16
43) Isopropyl Acetate	5.922	43	17479	3.152 ug/l		99
45) 1,2-Dichloropropane	7.047	63	1511	0.575 ug/l	#	43
48) Methyl methacrylate	6.903	41	6415	2.377 ug/l	#	11
49) 1,4-Dioxane	7.050	88	107	1.516 ug/l	#	1
51) 4-Methyl-2-Pentanone	7.800	43	6028	1.502 ug/l		89
54) cis-1,3-Dichloropropene	7.745	75	29199	7.422 ug/l	#	66
57) 1,3-Dichloropropane	8.735	76	20288	4.748 ug/l	#	42
59) 2-Hexanone	8.735	43	266885	83.308 ug/l	#	48
76) 1,2,3-Trichloropropane	10.639	75	74227	15.824 ug/l	#	47
81) trans-1,4-Dichloro-2-b...	10.639	75	74227	57.361 ug/l	#	13
95) Naphthalene	14.095	128	1512	2.981 ug/l	#	79

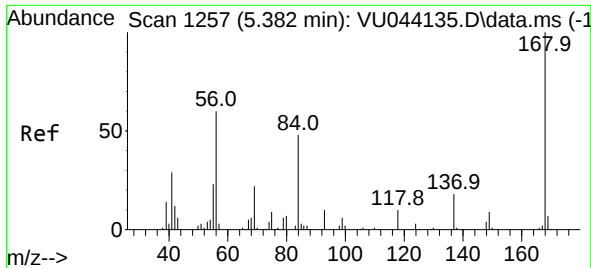
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 05:11:37 2021
Response via : Initial Calibration

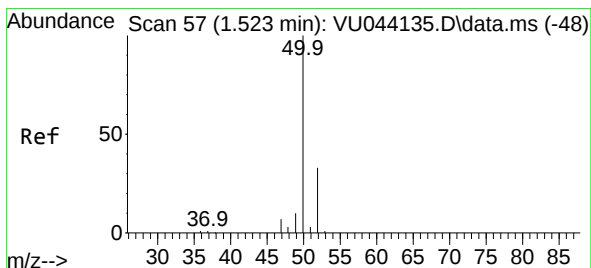
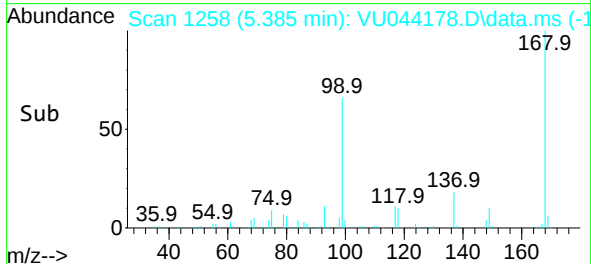
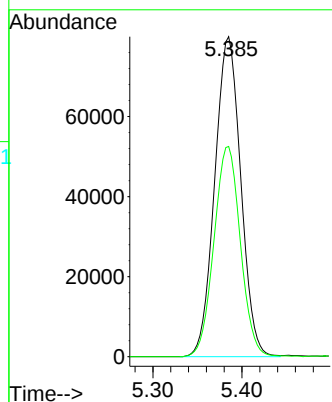
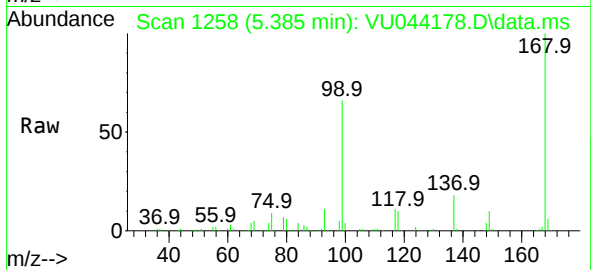




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

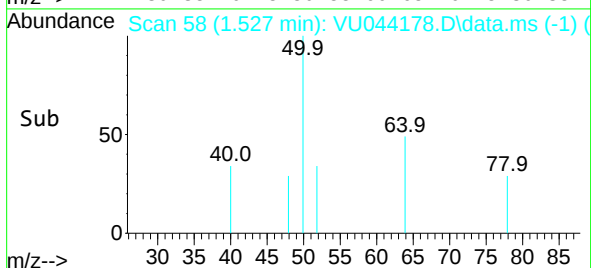
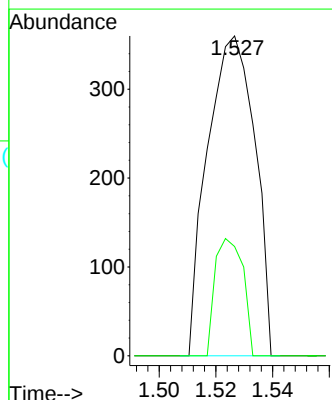
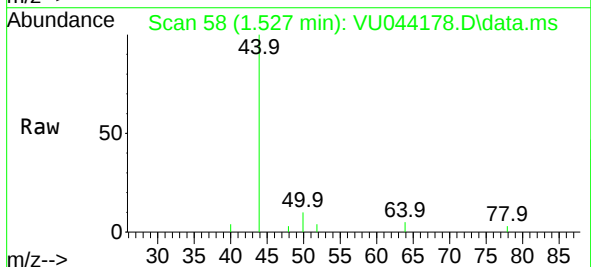
Instrument :
MSVOA_U
ClientSampleId :

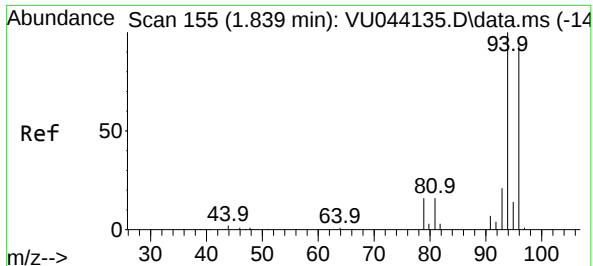
Tgt Ion:168 Resp: 162549
Ion Ratio Lower Upper
168 100
99 65.7 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.527 min Scan# 58
Delta R.T. 0.004 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

Tgt Ion: 50 Resp: 417
Ion Ratio Lower Upper
50 100
52 34.2 26.6 39.8

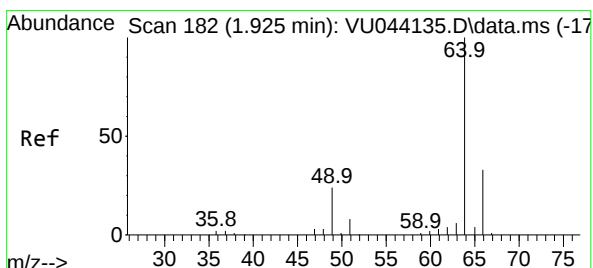
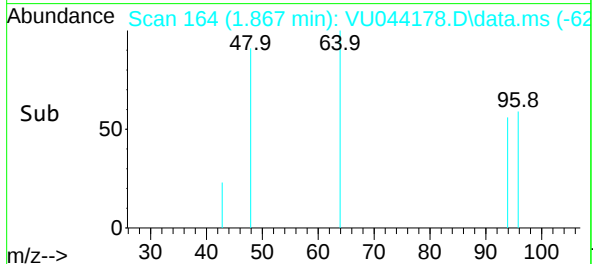
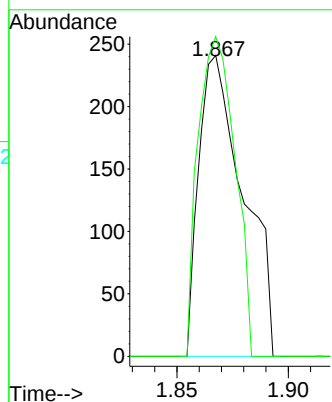
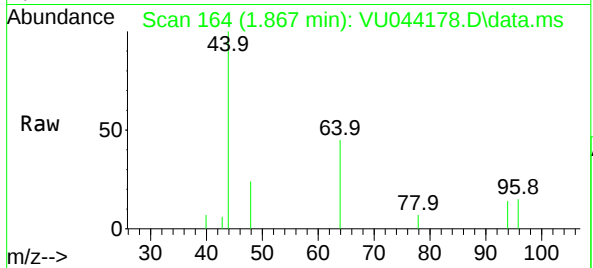




#5
Bromomethane
Concen: 0.298 ug/l
RT: 1.867 min Scan# 164
Delta R.T. 0.028 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

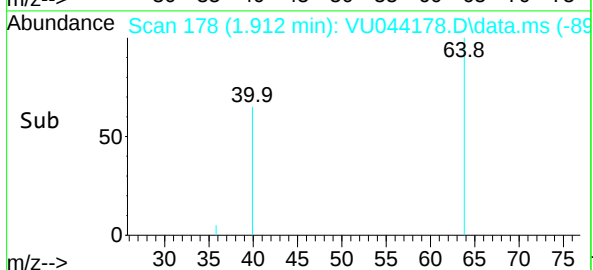
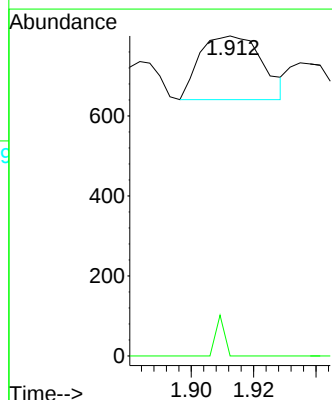
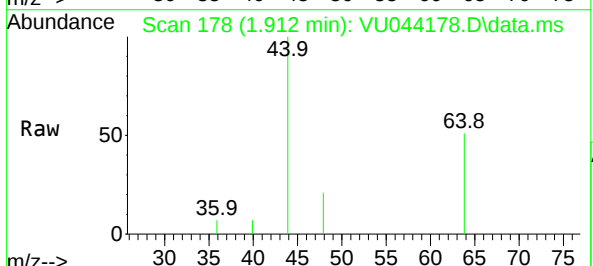
Instrument :
MSVOA_U
ClientSampled :

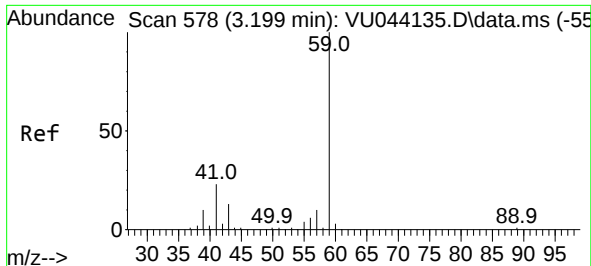
Tgt Ion: 94 Resp: 336
Ion Ratio Lower Upper
94 100
96 106.2 74.1 111.1



#6
Chloroethane
Concen: Below Cal
RT: 1.912 min Scan# 178
Delta R.T. -0.013 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

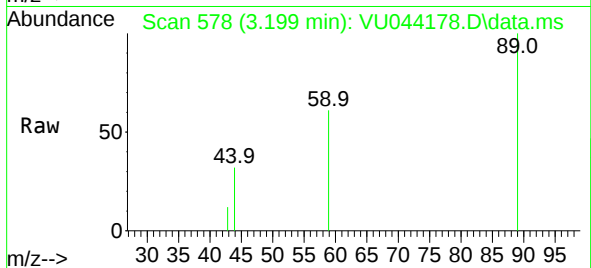
Tgt Ion: 64 Resp: 221
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



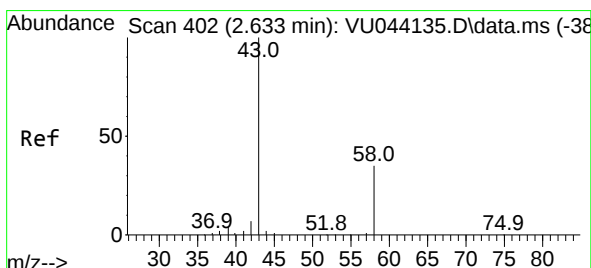
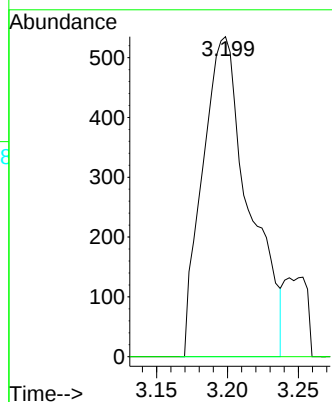
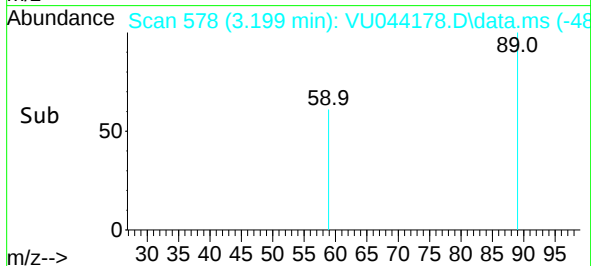


#11
Tert butyl alcohol
Concen: 1.754 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.000 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

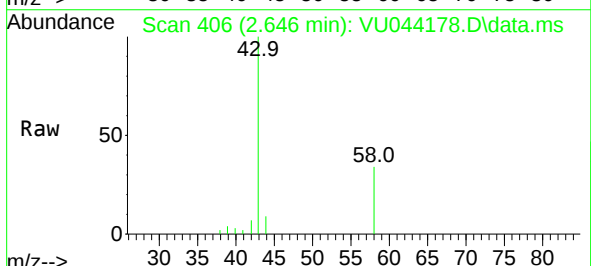
Instrument :
MSVOA_U
ClientSampled :



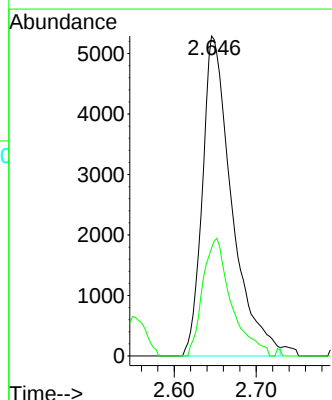
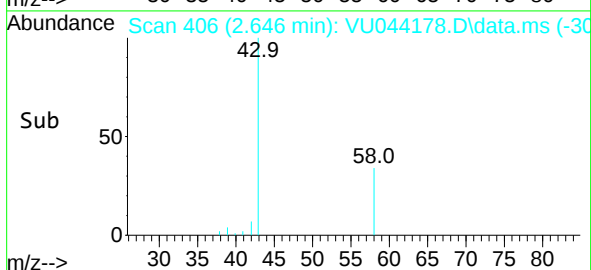
Tgt Ion: 59 Resp: 1220
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

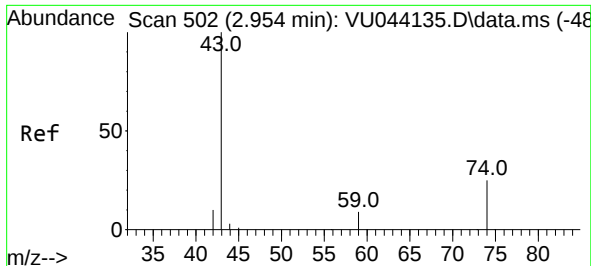


#16
Acetone
Concen: 7.770 ug/l
RT: 2.646 min Scan# 406
Delta R.T. 0.013 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02



Tgt Ion: 43 Resp: 13140
Ion Ratio Lower Upper
43 100
58 33.7 28.0 42.0

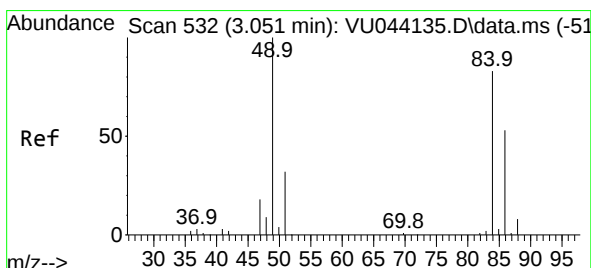
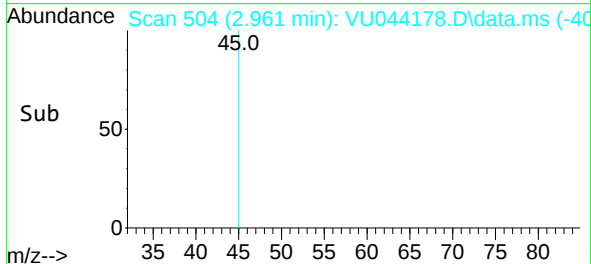
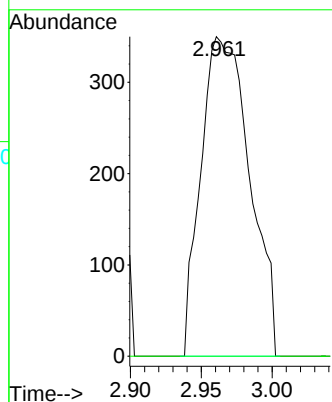
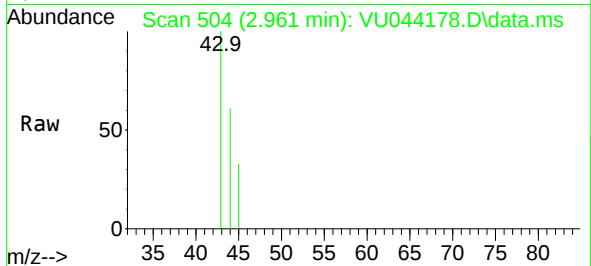




#18
Methyl Acetate
Concen: 0.253 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.007 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

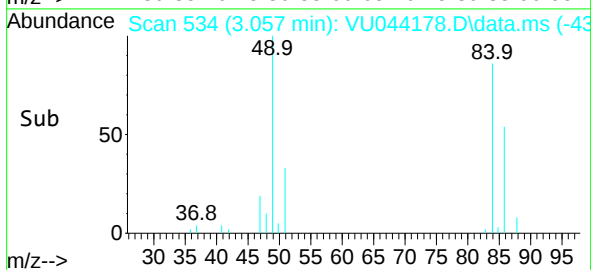
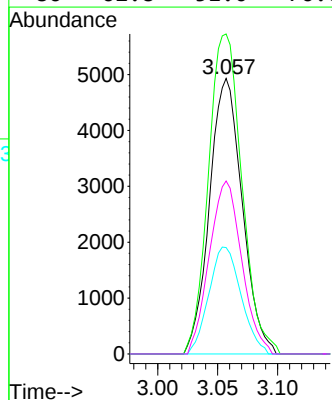
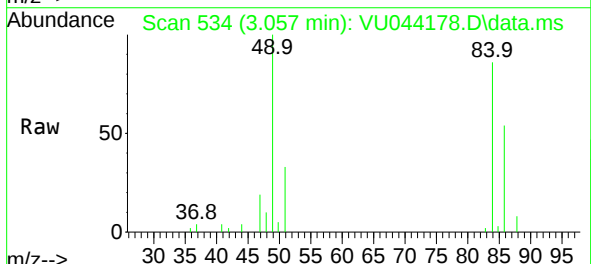
Instrument :
MSVOA_U
ClientSampleId :

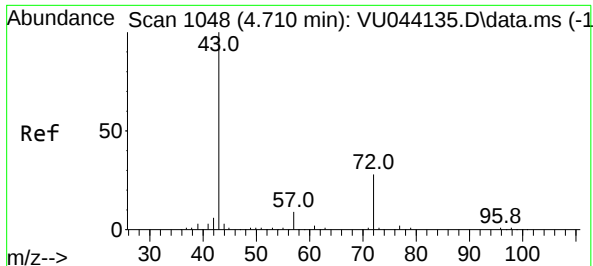
Tgt Ion: 43 Resp: 841
Ion Ratio Lower Upper
43 100
74 0.0 20.3 30.5#



#20
Methylene Chloride
Concen: 2.886 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

Tgt Ion: 84 Resp: 9354
Ion Ratio Lower Upper
84 100
49 116.2 96.9 145.3
51 38.6 31.0 46.6
86 62.8 51.0 76.6





#25

2-Butanone

Concen: 1.785 ug/l

RT: 4.729 min Scan# 1054

Delta R.T. 0.019 min

Lab File: VU044178.D

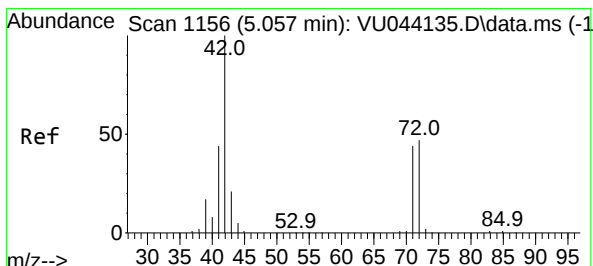
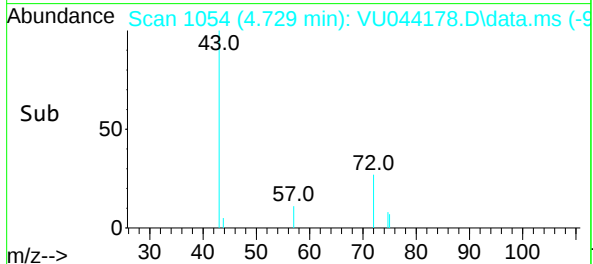
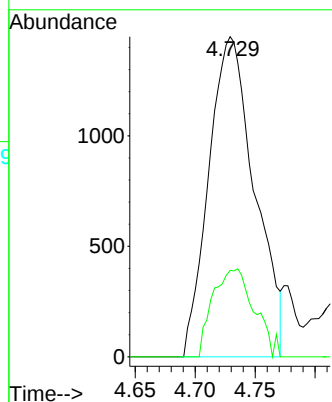
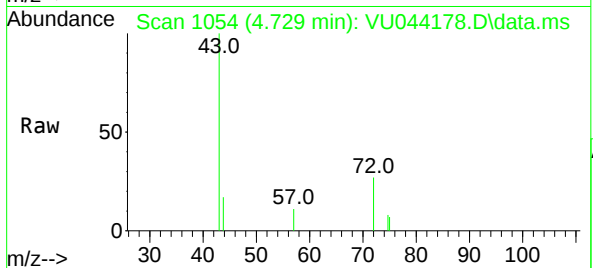
Acq: 14 Jun 2021 14:02

Tgt Ion: 43 Resp: 3851

Ion Ratio Lower Upper

43 100

72 27.0 22.6 33.8



#29

Tetrahydrofuran

Concen: 0.612 ug/l

RT: 5.076 min Scan# 1162

Delta R.T. 0.019 min

Lab File: VU044178.D

Acq: 14 Jun 2021 14:02

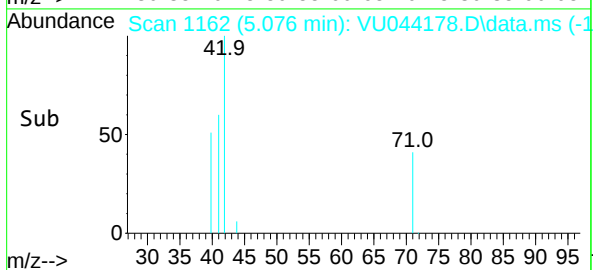
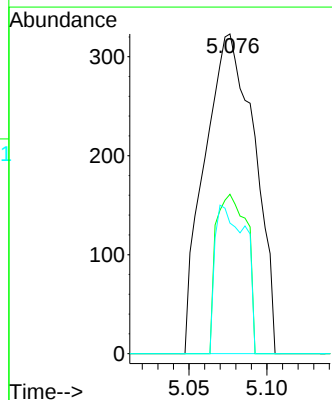
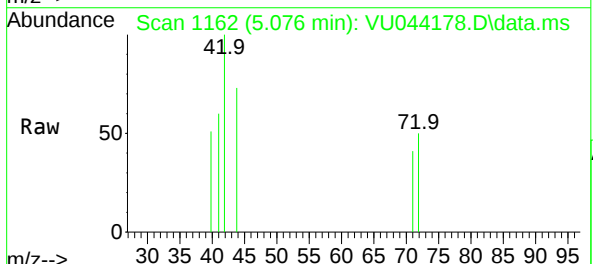
Tgt Ion: 42 Resp: 718

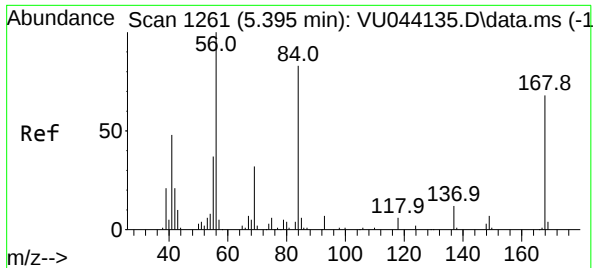
Ion Ratio Lower Upper

42 100

72 30.8 38.6 57.8#

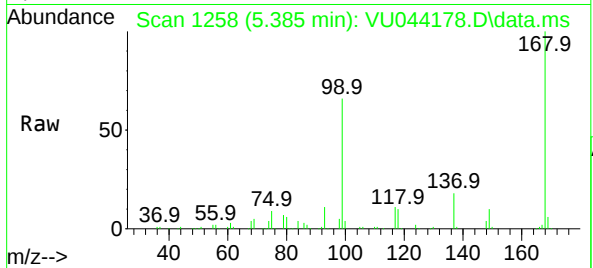
71 28.1 35.5 53.3#



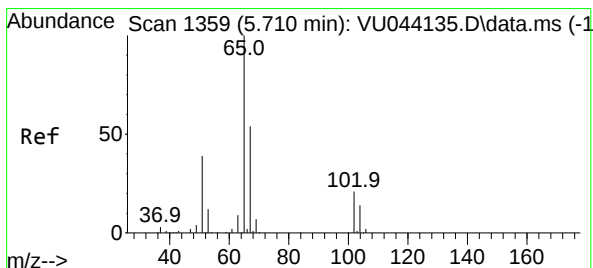
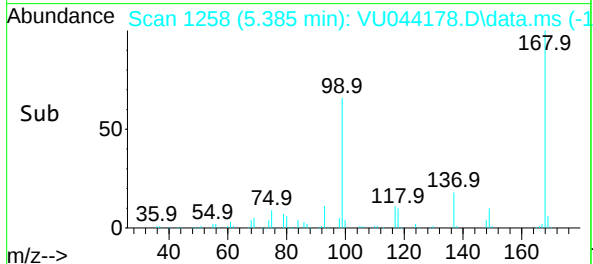
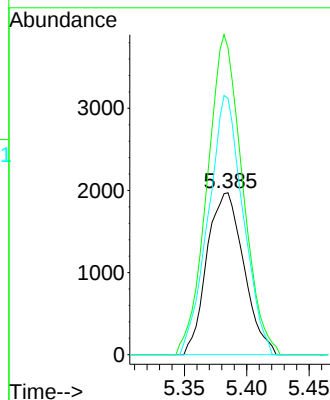


#31
Cyclohexane
Concen: 1.113 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

Instrument :
MSVOA_U
ClientSampled :

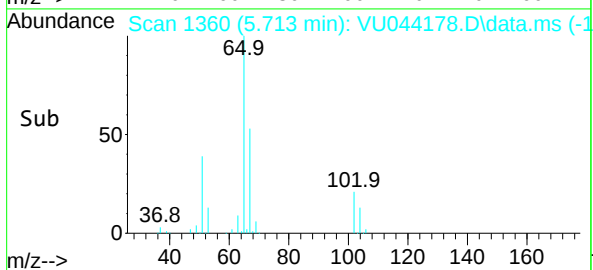
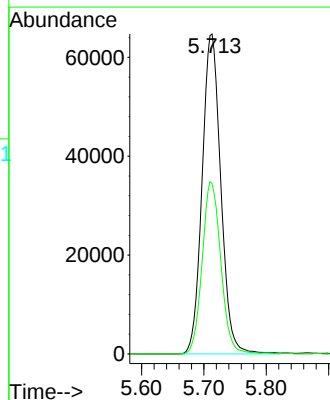
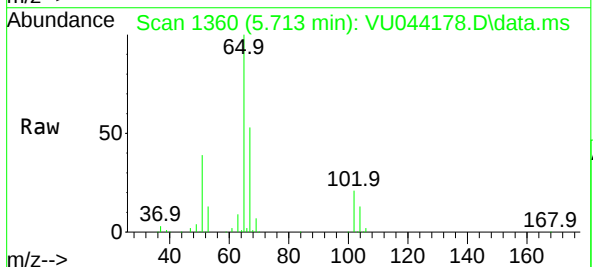


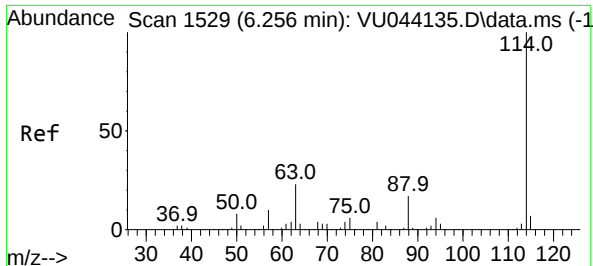
Tgt Ion: 56 Resp: 4061
Ion Ratio Lower Upper
56 100
69 189.3 25.5 38.3#
84 158.3 66.3 99.5#



#33
1,2-Dichloroethane-d4
Concen: 52.234 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

Tgt Ion: 65 Resp: 135023
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6

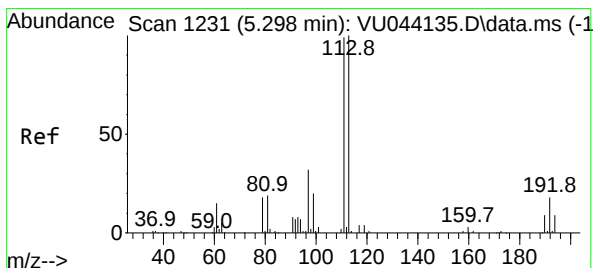
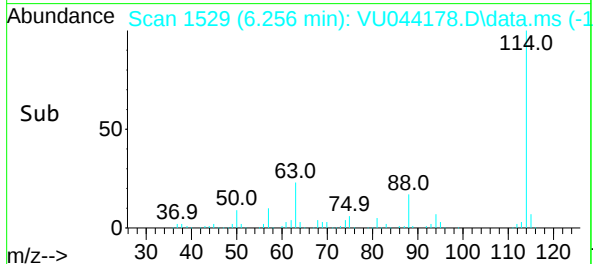
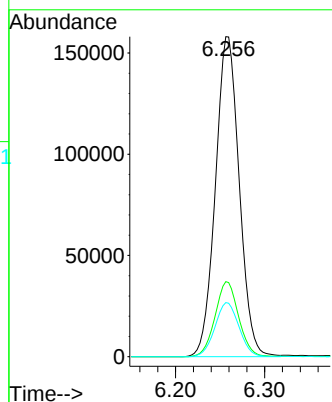
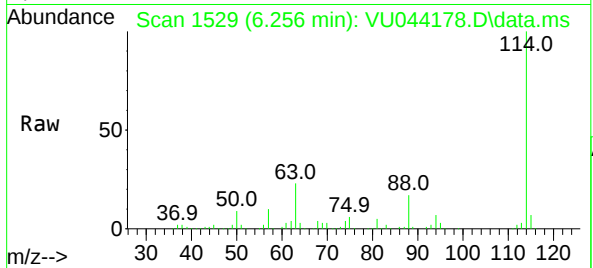




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

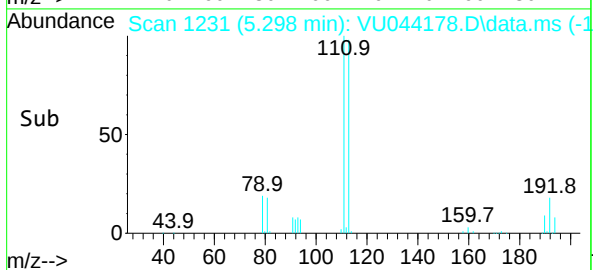
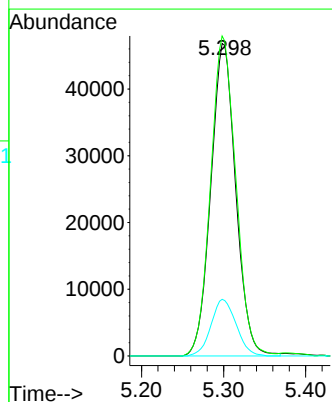
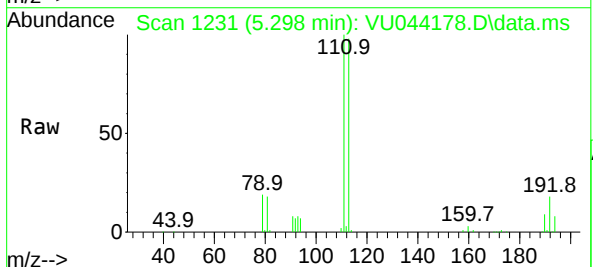
Instrument :
MSVOA_U
ClientSampleId :

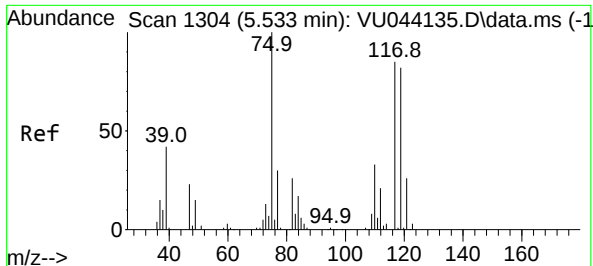
Tgt Ion:114 Resp: 293410
Ion Ratio Lower Upper
114 100
63 23.4 0.0 45.8
88 16.9 0.0 34.0



#35
Dibromofluoromethane
Concen: 48.462 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

Tgt Ion:113 Resp: 98913
Ion Ratio Lower Upper
113 100
111 103.5 81.0 121.4
192 18.3 14.3 21.5



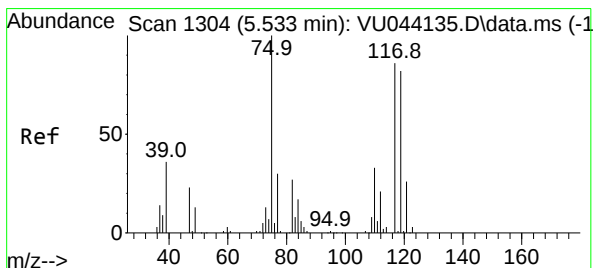
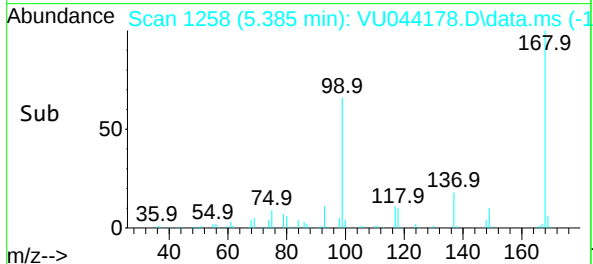
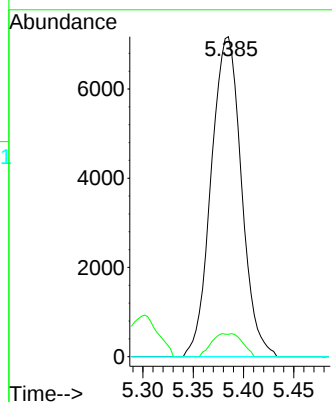
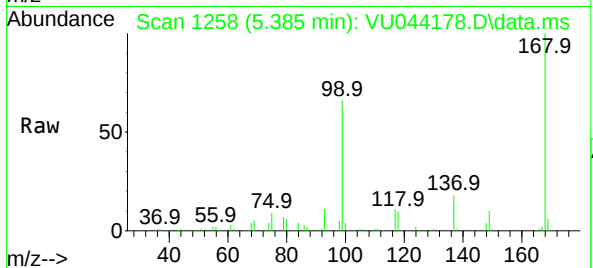


#36

1,1-Dichloropropene
Concen: 4.599 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

Instrument :
MSVOA_U
ClientSampled :

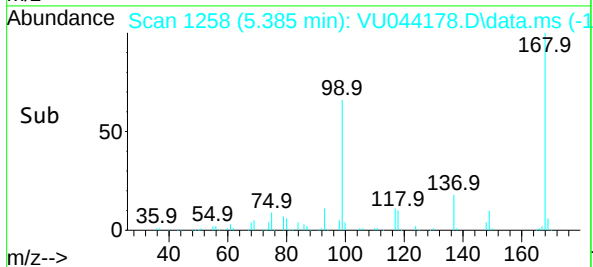
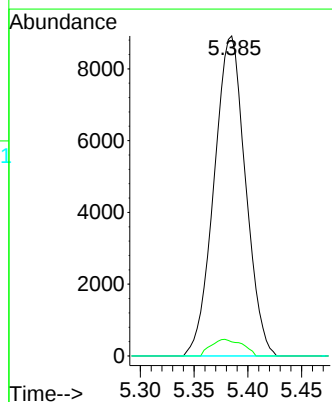
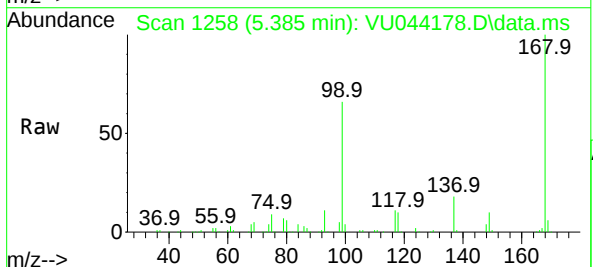
Tgt Ion: 75 Resp: 15012
Ion Ratio Lower Upper
75 100
110 7.2 16.4 49.4#
77 0.0 24.7 37.1#

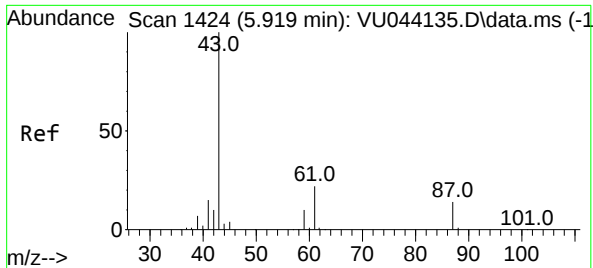


#38

Carbon Tetrachloride
Concen: 6.153 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

Tgt Ion: 117 Resp: 18133
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 24.6 36.8#

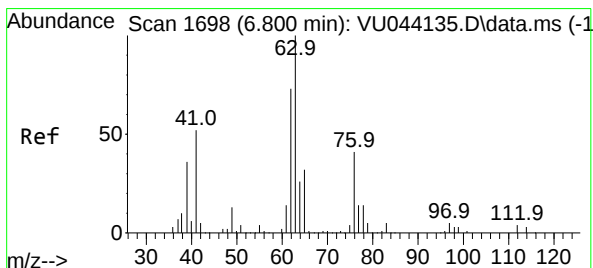
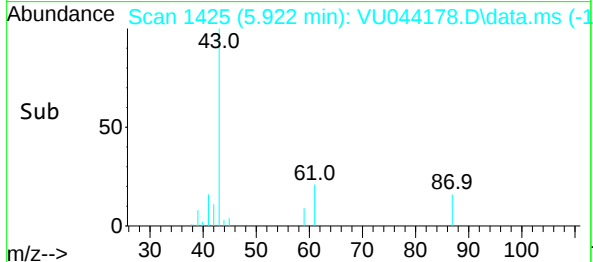
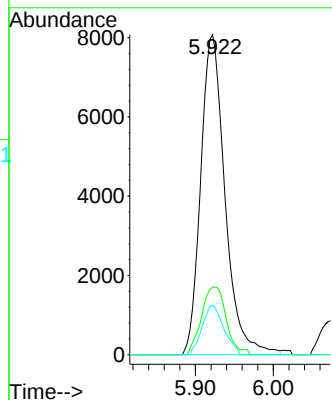
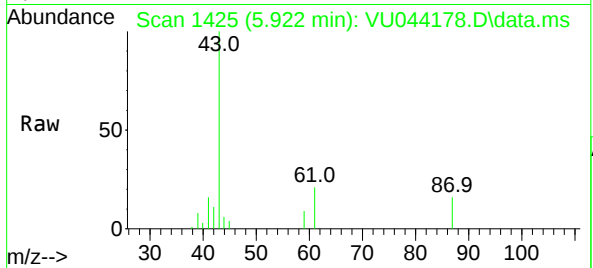




#43
Isopropyl Acetate
Concen: 3.152 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

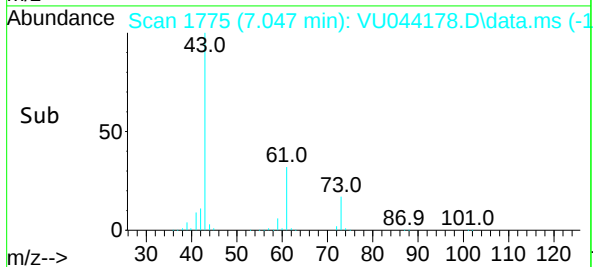
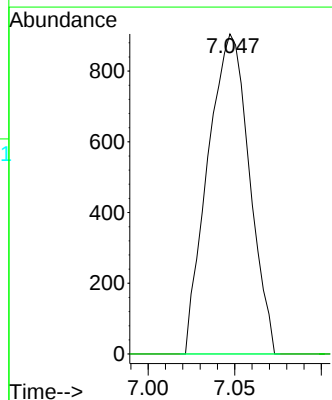
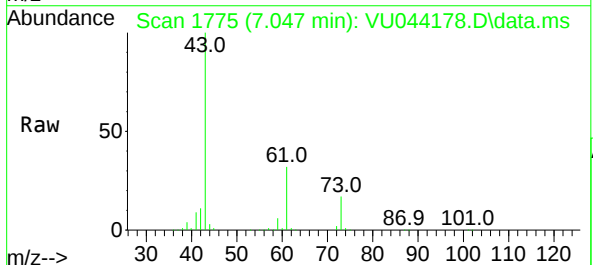
Instrument :
MSVOA_U
ClientSampleId :

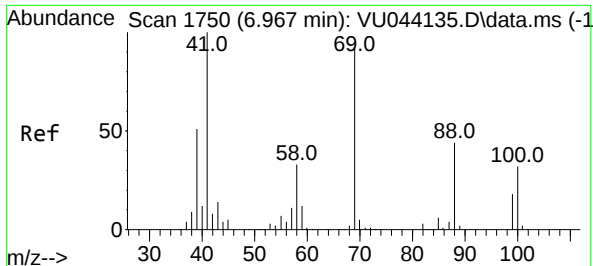
Tgt Ion: 43	Resp: 17479
Ion Ratio	Lower Upper
43 100	
61 21.6	17.8 26.8
87 13.7	11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.575 ug/l
RT: 7.047 min Scan# 1775
Delta R.T. 0.247 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

Tgt Ion: 63	Resp: 1511
Ion Ratio	Lower Upper
63 100	
65 0.0	25.7 38.5#





#48

Methyl methacrylate

Concen: 2.377 ug/l

RT: 6.903 min Scan# 1730

Delta R.T. -0.064 min

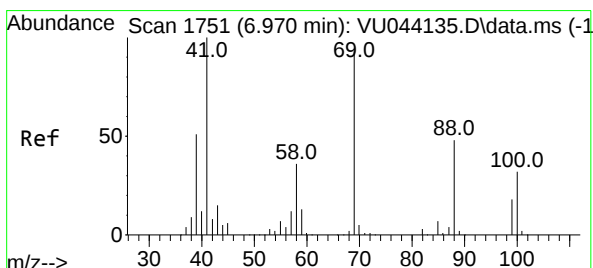
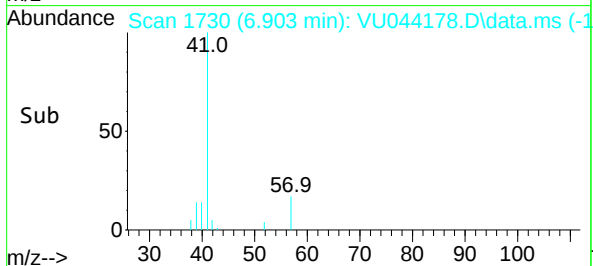
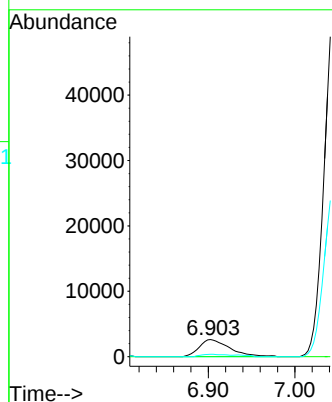
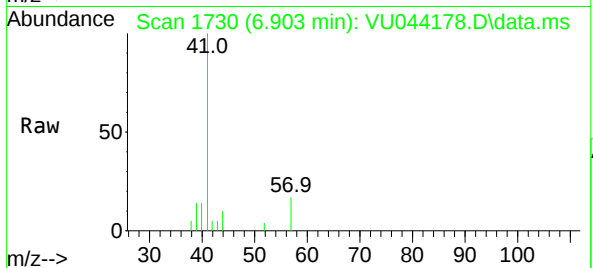
Lab File: VU044178.D

Acq: 14 Jun 2021 14:02

Tgt Ion: 41 Resp: 6415

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.0	111.0#
39	0.0	41.5	62.3#

Instrument :
MSVOA_U
ClientSampled :



#49

1,4-Dioxane

Concen: 1.516 ug/l

RT: 7.050 min Scan# 1776

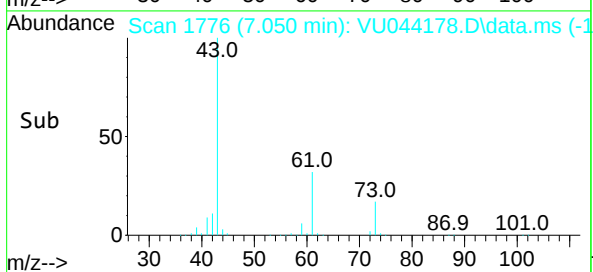
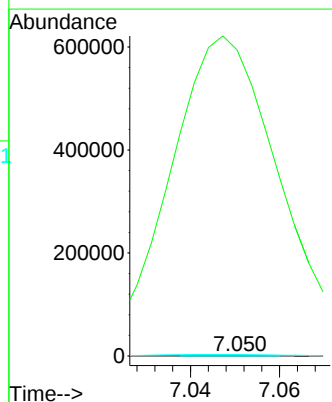
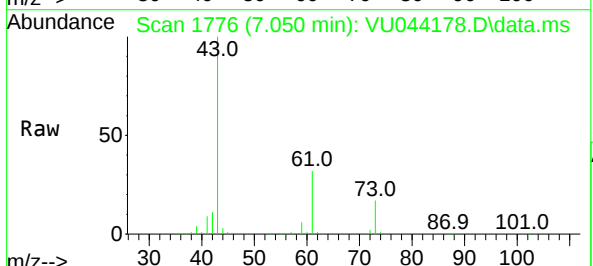
Delta R.T. 0.080 min

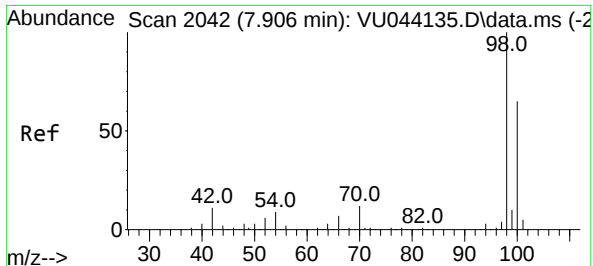
Lab File: VU044178.D

Acq: 14 Jun 2021 14:02

Tgt Ion: 88 Resp: 107

Ion	Ratio	Lower	Upper
88	100		
43	1051563.6	23.4	35.0#
58	5615.9	58.1	87.1#

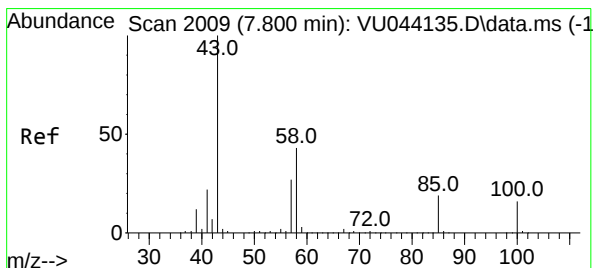
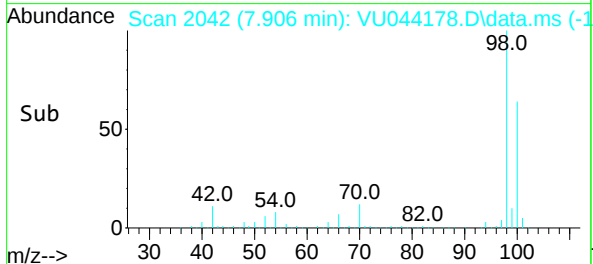
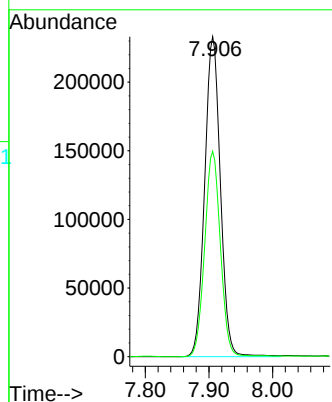
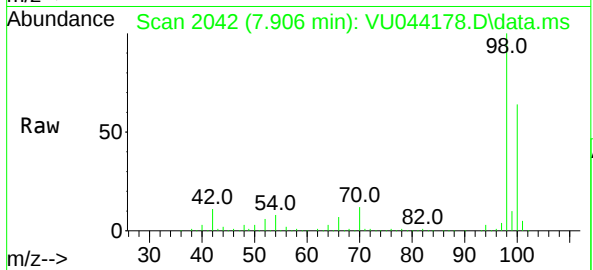




#50
Toluene-d8
Concen: 51.138 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

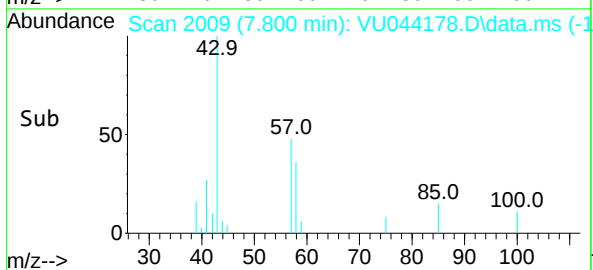
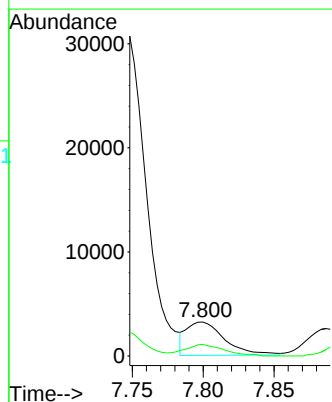
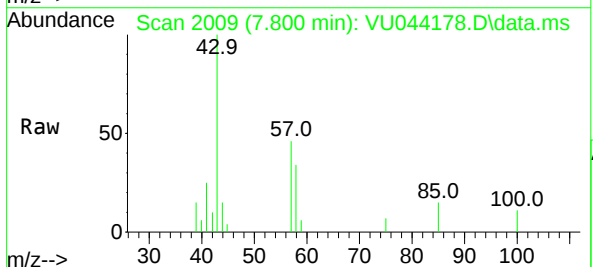
Instrument :
MSVOA_U
ClientSampled :

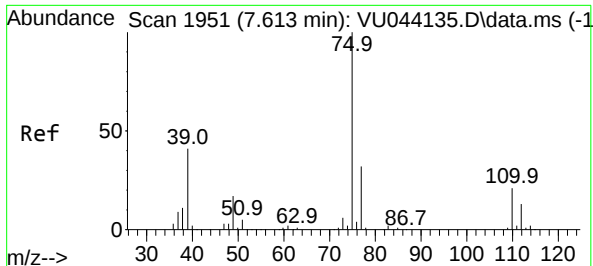
Tgt Ion: 98 Resp: 400852
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.502 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

Tgt Ion: 43 Resp: 6028
Ion Ratio Lower Upper
43 100
58 35.8 34.5 51.7

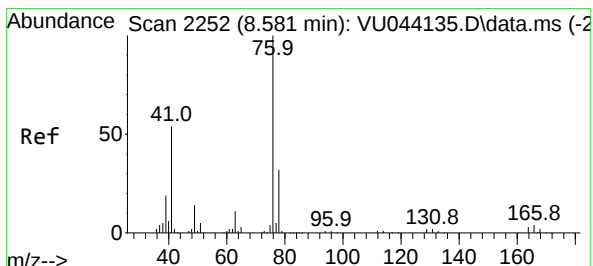
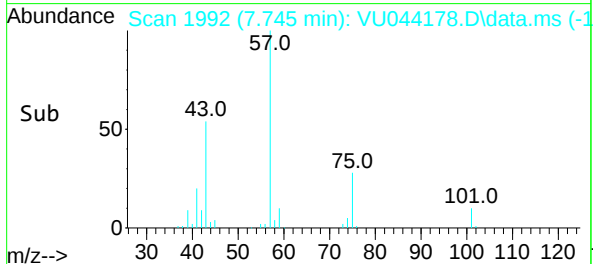
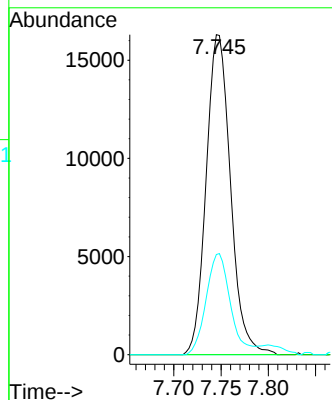
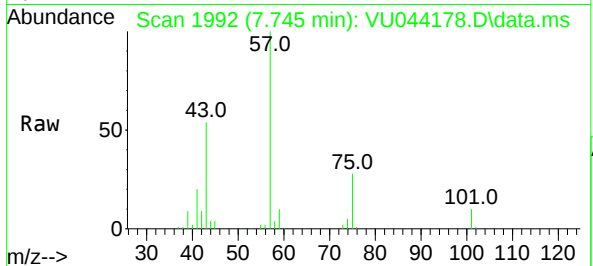




#54
 cis-1,3-Dichloropropene
 Concen: 7.422 ug/l
 RT: 7.745 min Scan# 1992
 Delta R.T. 0.132 min
 Lab File: VU044178.D
 Acq: 14 Jun 2021 14:02

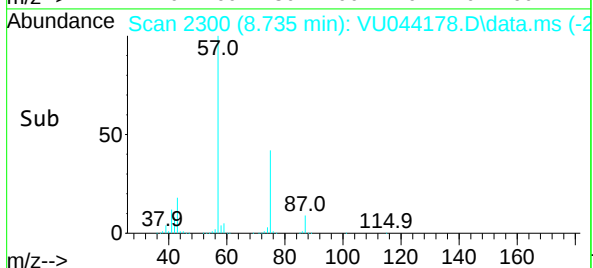
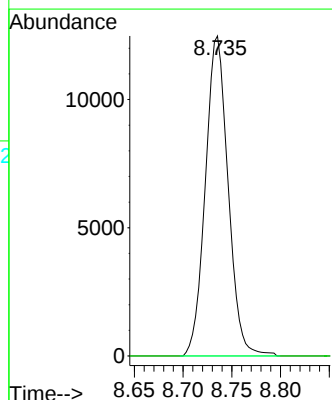
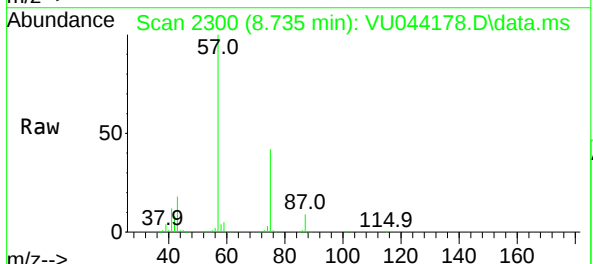
Instrument :
 MSVOA_U
 ClientSampled :

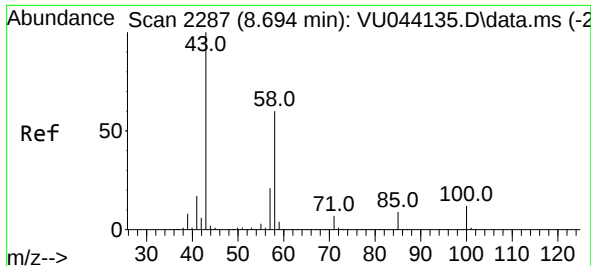
Tgt Ion: 75 Resp: 29199
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.9 38.9#
 39 31.3 33.2 49.8#



#57
 1,3-Dichloropropane
 Concen: 4.748 ug/l
 RT: 8.735 min Scan# 2300
 Delta R.T. 0.154 min
 Lab File: VU044178.D
 Acq: 14 Jun 2021 14:02

Tgt Ion: 76 Resp: 20288
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#

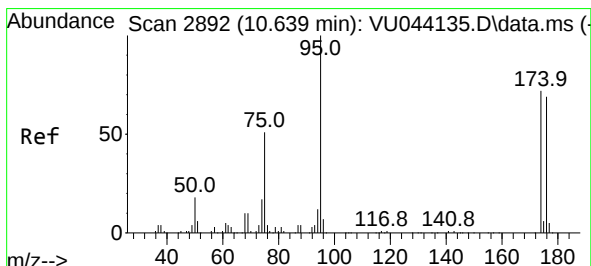
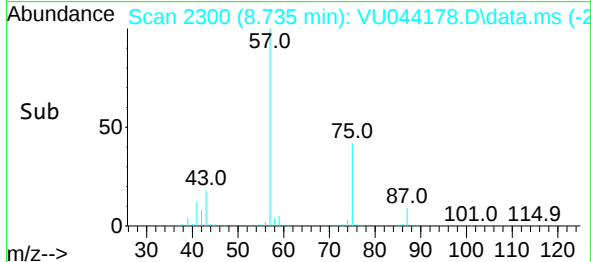
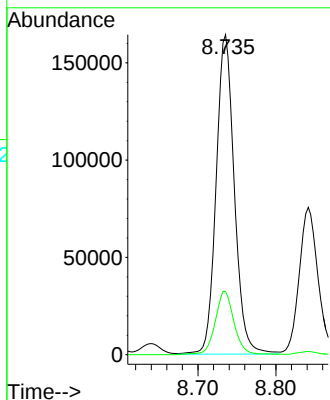
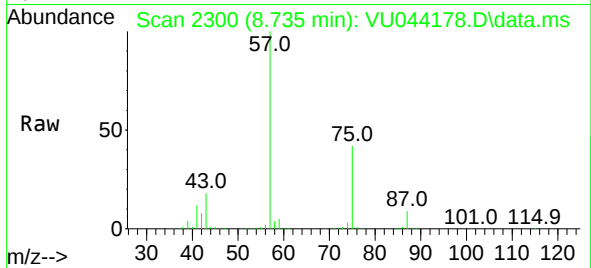




#59
2-Hexanone
Concen: 83.308 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.041 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

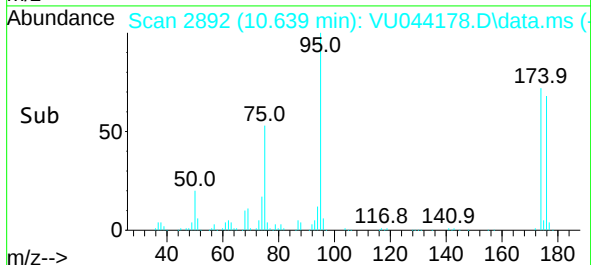
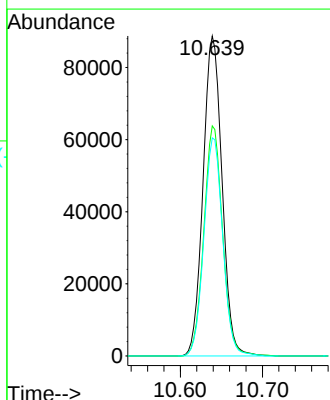
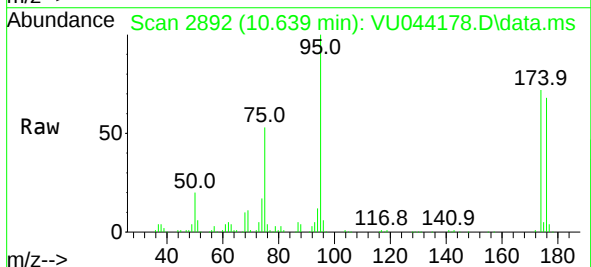
Instrument :
MSVOA_U
ClientSampled :

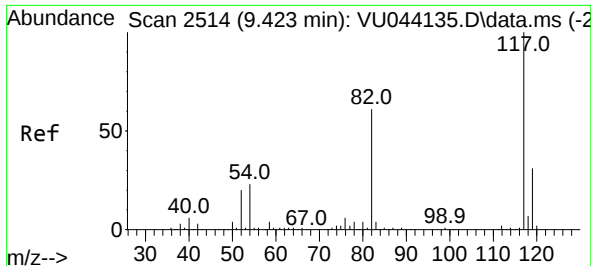
Tgt Ion: 43 Resp: 266885
Ion Ratio Lower Upper
43 100
58 20.7 30.0 90.1#



#62
4-Bromofluorobenzene
Concen: 45.392 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

Tgt Ion: 95 Resp: 142589
Ion Ratio Lower Upper
95 100
174 71.3 0.0 144.4
176 67.7 0.0 138.0

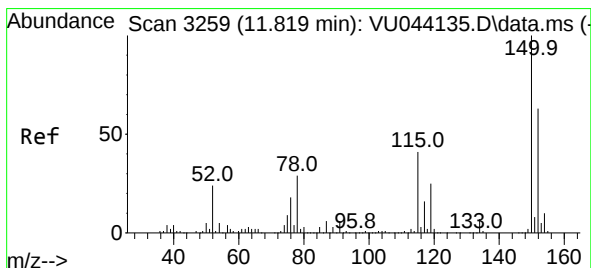
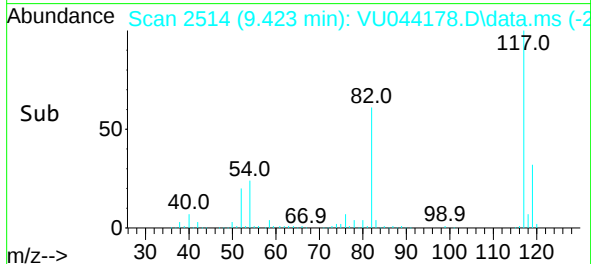
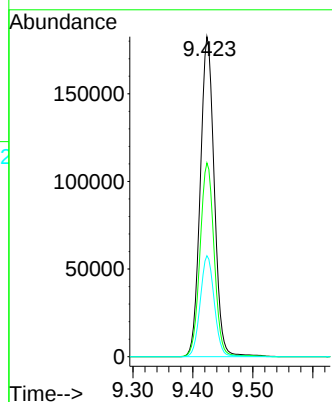
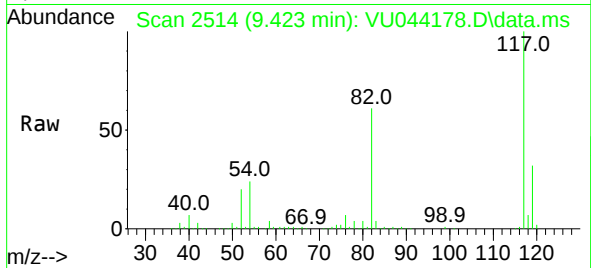




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

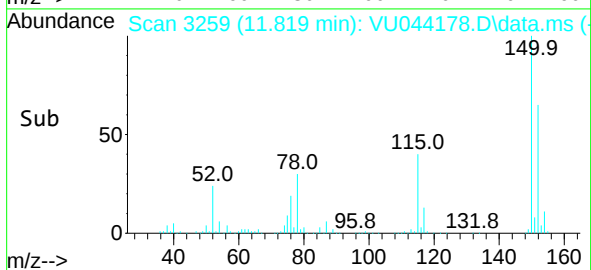
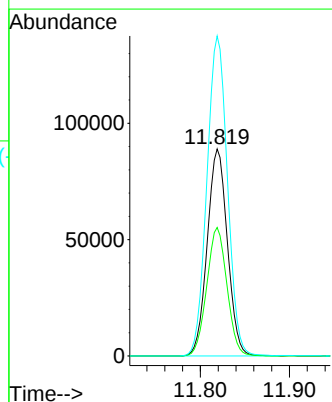
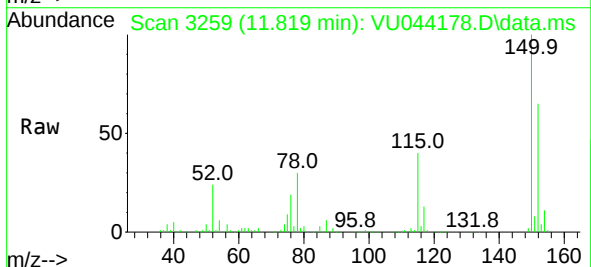
Instrument :
MSVOA_U
ClientSampleId :

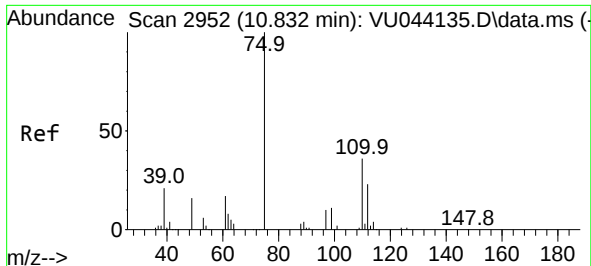
Tgt Ion:117 Resp: 298037
Ion Ratio Lower Upper
117 100
82 60.6 48.8 73.2
119 31.6 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

Tgt Ion:152 Resp: 139909
Ion Ratio Lower Upper
152 100
115 62.0 43.8 131.3
150 157.1 0.0 350.6

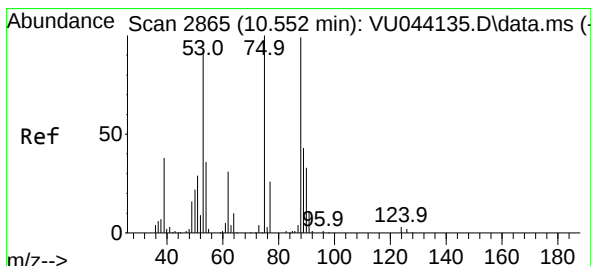
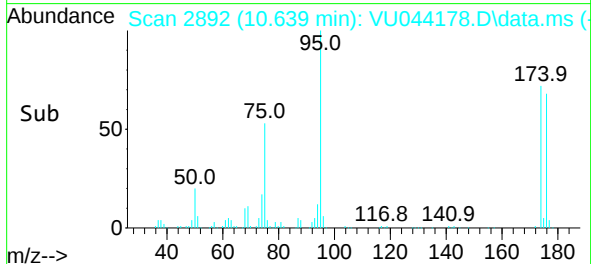
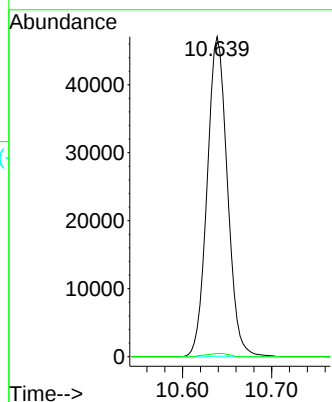
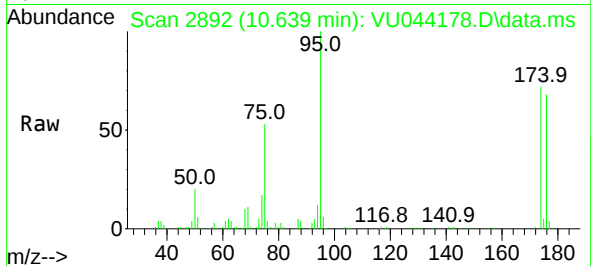




#76
1,2,3-Trichloropropane
Concen: 15.824 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

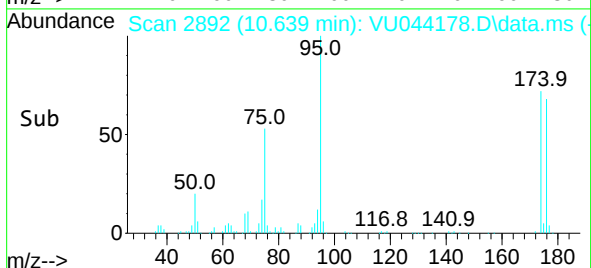
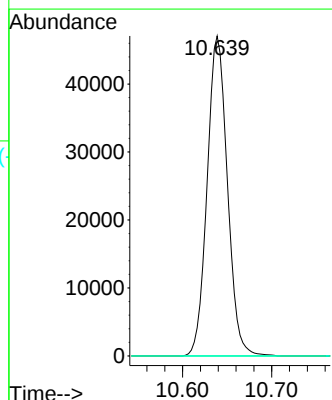
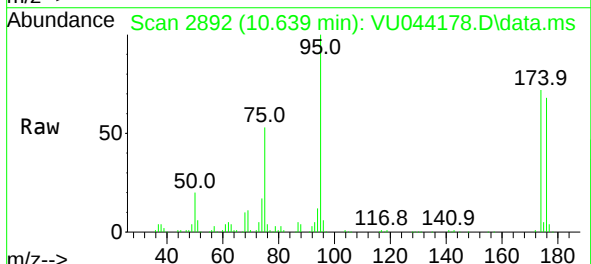
Instrument :
MSVOA_U
ClientSampled :

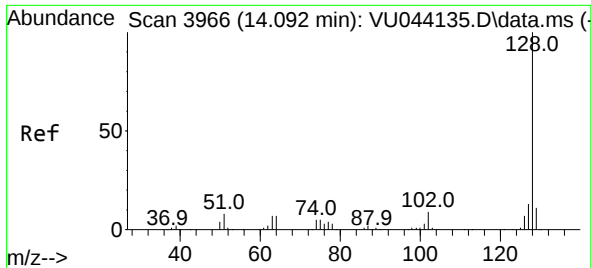
Tgt Ion: 75 Resp: 74227
Ion Ratio Lower Upper
75 100
77 1.1 14.9 44.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.361 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

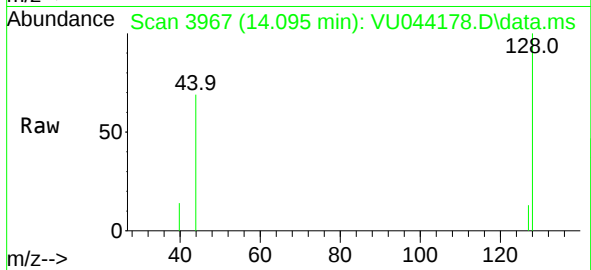
Tgt Ion: 75 Resp: 74227
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#





#95
Naphthalene
Concen: 2.981 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044178.D
Acq: 14 Jun 2021 14:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 1512
Ion Ratio Lower Upper
128 100
127 5.8 10.2 15.2#
129 1.3 8.6 13.0#

