

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044193.D
 Acq On : 14 Jun 2021 19:48
 Operator : SY/MD
 Sample : M2672-37
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 02:49:45 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)

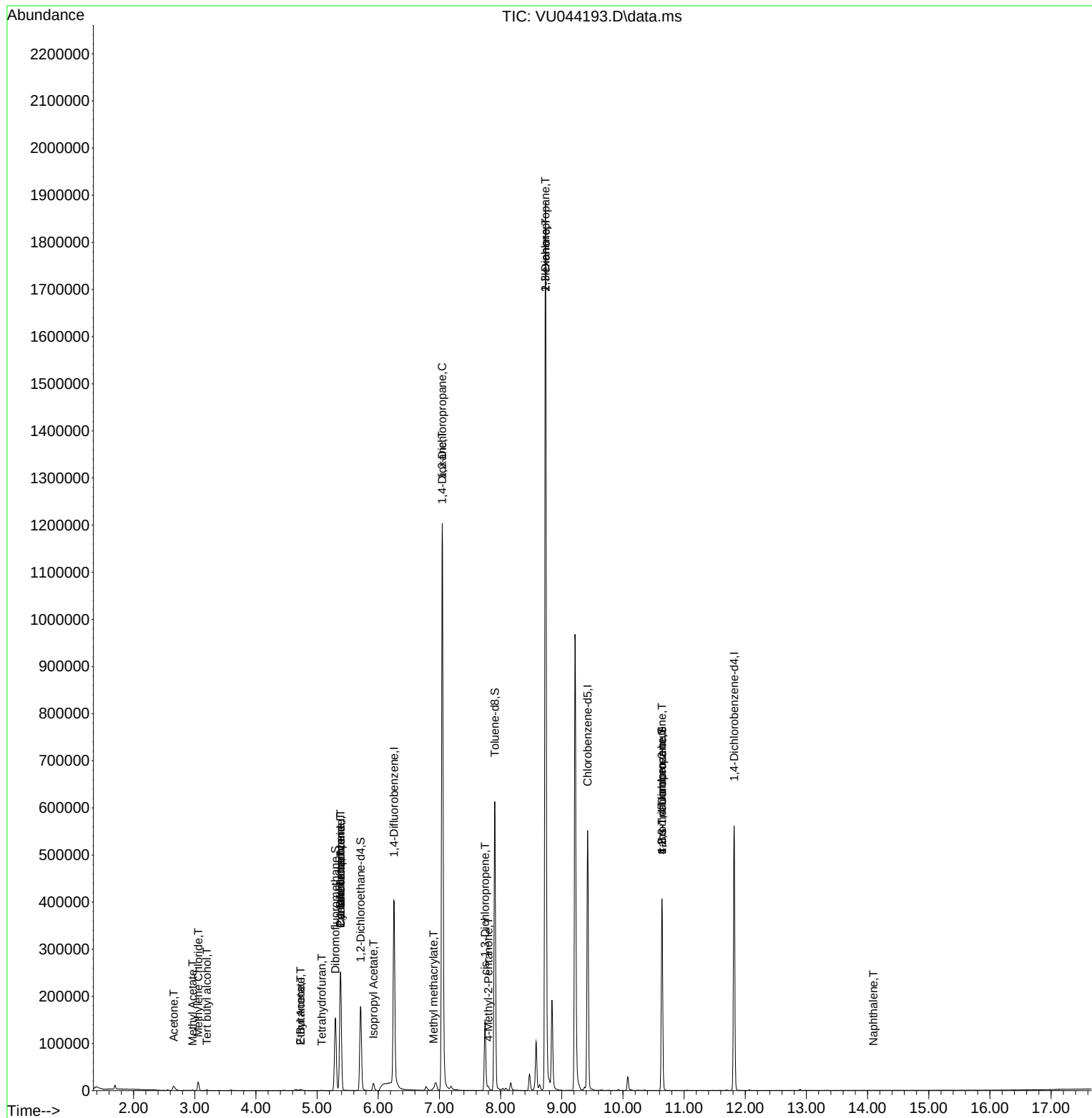
Internal Standards						
1) Pentafluorobenzene	5.385	168	166395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.259	114	301476	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	301129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	140881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	134210	50.720	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.440%	
35) Dibromofluoromethane	5.298	113	100212	47.785	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.560%	
50) Toluene-d8	7.906	98	396433	49.222	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.440%	
62) 4-Bromofluorobenzene	10.639	95	140560	43.549	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	271	Below Cal	#	41
6) Chloroethane	1.903	64	58	Below Cal	#	42
11) Tert butyl alcohol	3.198	59	1263	1.774	ug/l #	73
13) Acrolein	2.498	56	427	Below Cal	#	71
16) Acetone	2.655	43	17841	11.011	ug/l	97
18) Methyl Acetate	2.967	43	1474	0.433	ug/l #	56
20) Methylene Chloride	3.057	84	8644	2.486	ug/l	99
25) 2-Butanone	4.729	43	4484	2.030	ug/l	97
29) Tetrahydrofuran	5.076	42	638	0.531	ug/l #	53
31) Cyclohexane	5.385	56	3913	1.048	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	14638	4.364	ug/l #	50
37) Ethyl Acetate	4.729	43	4484	1.116	ug/l #	67
38) Carbon Tetrachloride	5.385	117	17738	5.858	ug/l #	17
43) Isopropyl Acetate	5.922	43	17738	3.113	ug/l	95
45) 1,2-Dichloropropane	7.047	63	1488	0.551	ug/l #	43
48) Methyl methacrylate	6.906	41	6741	2.431	ug/l #	11
49) 1,4-Dioxane	7.044	88	71	0.979	ug/l #	1
51) 4-Methyl-2-Pentanone	7.800	43	4736	1.148	ug/l	99
54) cis-1,3-Dichloropropene	7.745	75	28730	7.107	ug/l #	63
57) 1,3-Dichloropropane	8.732	76	20450	4.658	ug/l #	42
59) 2-Hexanone	8.735	43	262370	79.708	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	70910	15.012	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.639	75	70910	54.419	ug/l #	13
95) Naphthalene	14.095	128	64	2.842	ug/l #	69

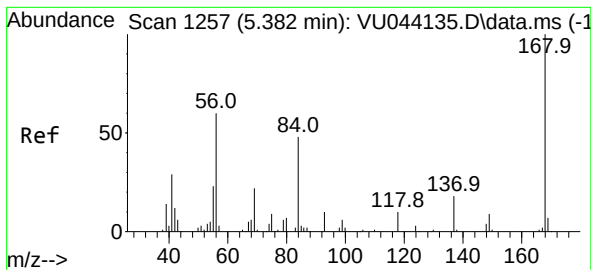
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
Data File : VU044193.D
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Quant Time: Jun 15 02:49:45 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.385 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VU044193.D

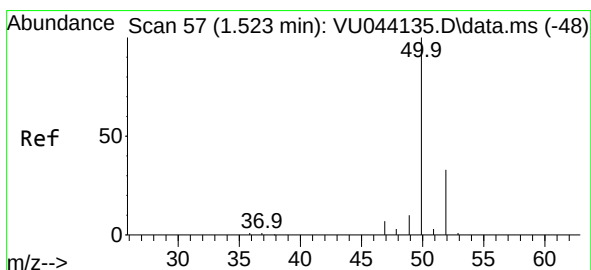
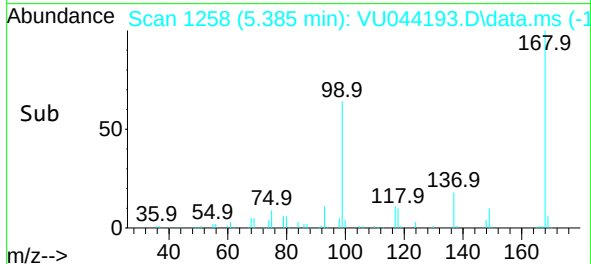
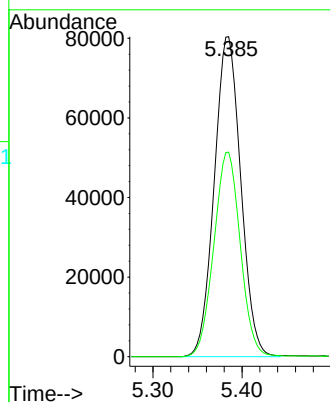
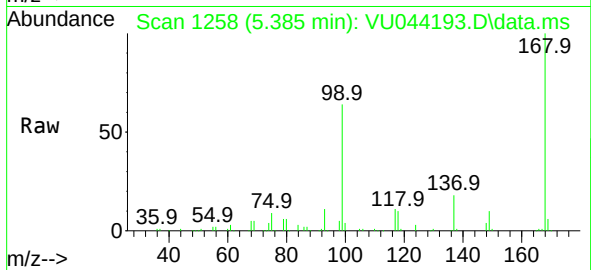
Acq: 14 Jun 2021 19:48

Tgt Ion:168 Resp: 166395

Ion Ratio Lower Upper

168 100

99 63.9 51.3 76.9



#3

Chloromethane

Concen: Below Cal

RT: 1.523 min Scan# 57

Delta R.T. 0.000 min

Lab File: VU044193.D

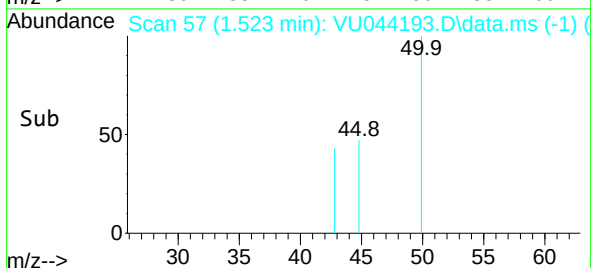
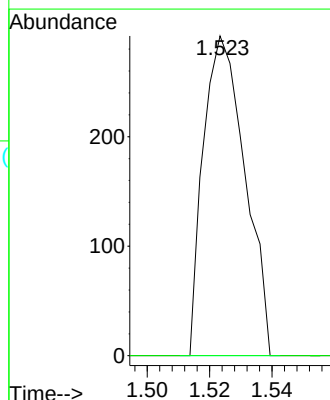
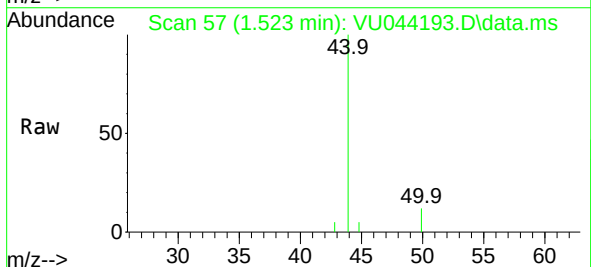
Acq: 14 Jun 2021 19:48

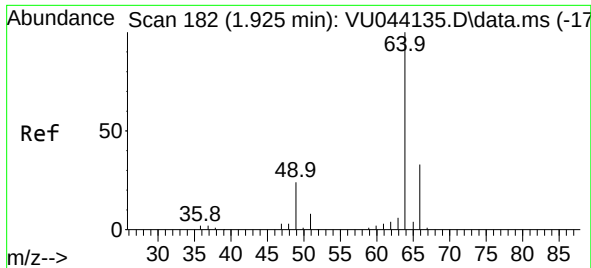
Tgt Ion: 50 Resp: 271

Ion Ratio Lower Upper

50 100

52 0.0 26.6 39.8#

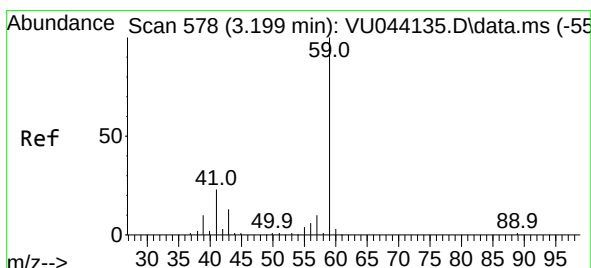
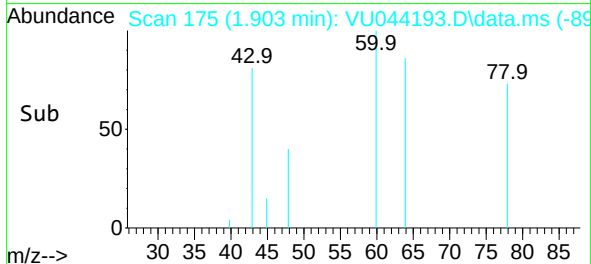
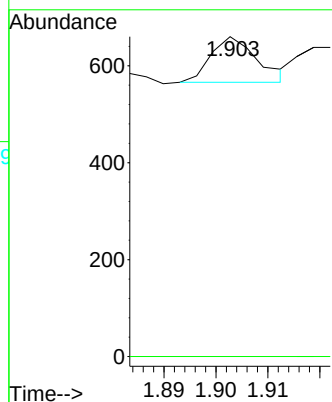
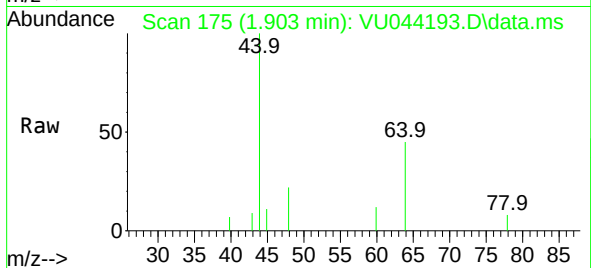




#6
Chloroethane
Concen: Below Cal
RT: 1.903 min Scan# 175
Delta R.T. -0.022 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

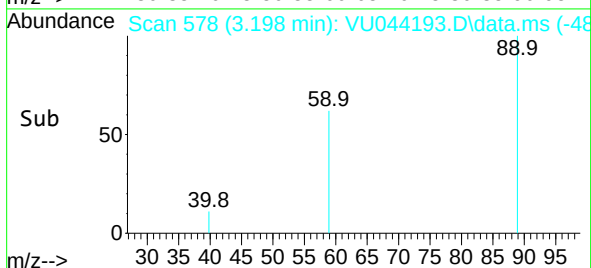
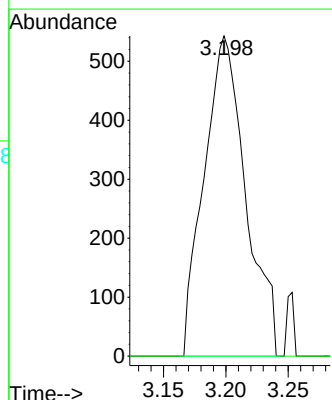
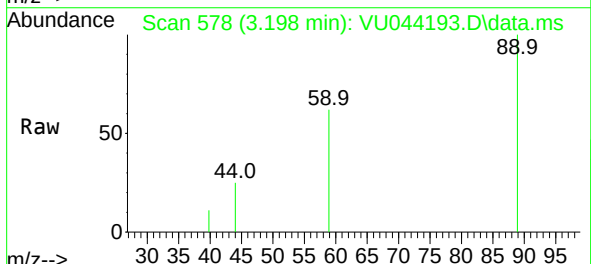
Instrument :
MSVOA_U
ClientSampled :

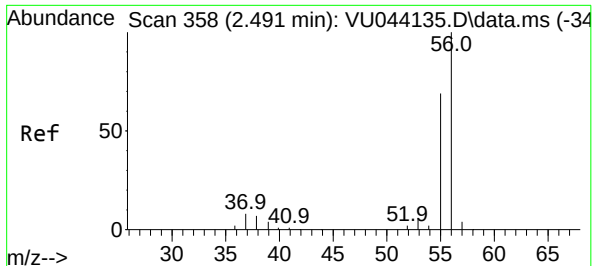
Tgt Ion: 64 Resp: 58
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#11
Tert butyl alcohol
Concen: 1.774 ug/l
RT: 3.198 min Scan# 578
Delta R.T. -0.001 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

Tgt Ion: 59 Resp: 1263
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

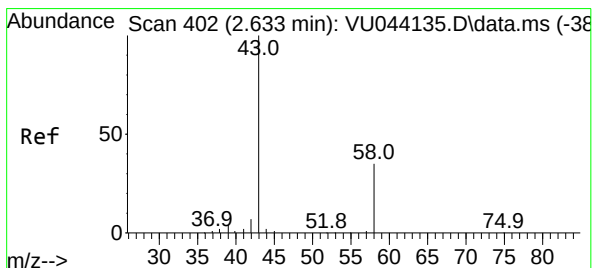
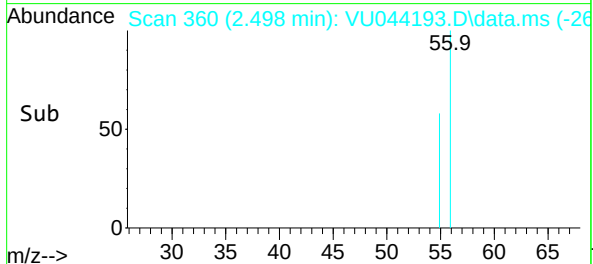
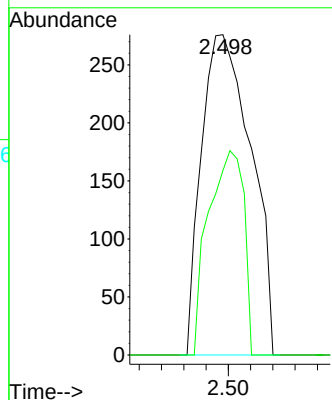
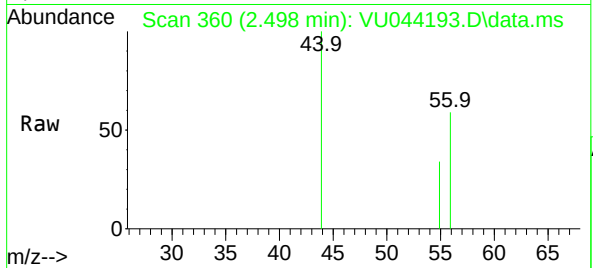




#13
Acrolein
Concen: Below Cal
RT: 2.498 min Scan# 360
Delta R.T. 0.007 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

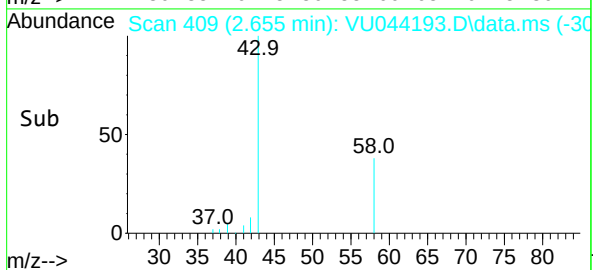
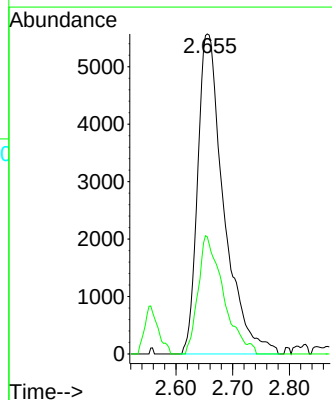
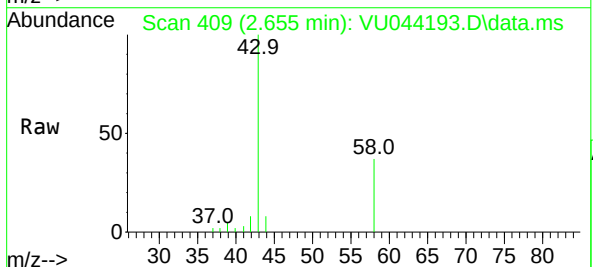
Instrument :
MSVOA_U
ClientSampled :

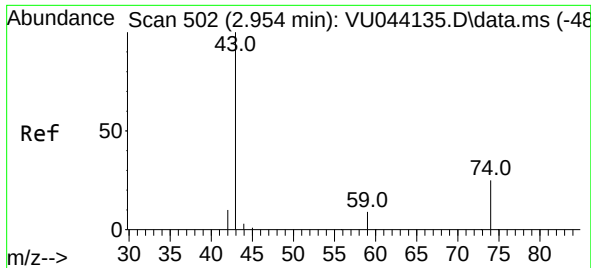
Tgt Ion: 56 Resp: 427
Ion Ratio Lower Upper
56 100
55 45.4 55.1 82.7#



#16
Acetone
Concen: 11.011 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.022 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

Tgt Ion: 43 Resp: 17841
Ion Ratio Lower Upper
43 100
58 36.7 28.0 42.0

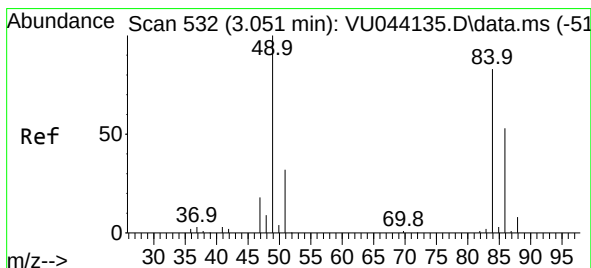
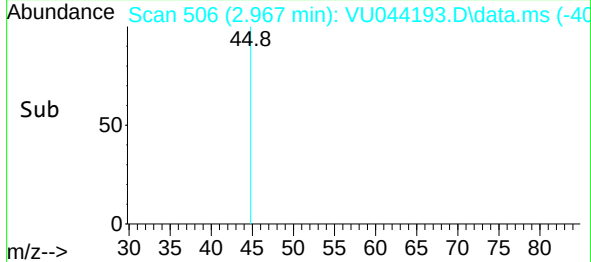
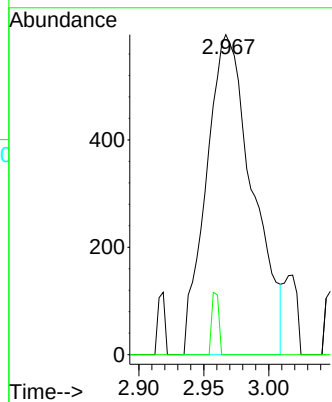
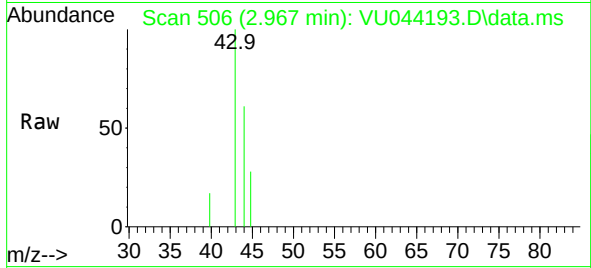




#18
Methyl Acetate
Concen: 0.433 ug/l
RT: 2.967 min Scan# 506
Delta R.T. 0.013 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

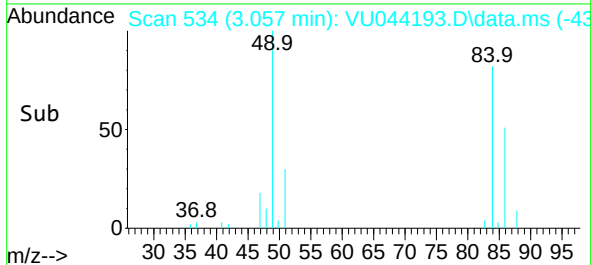
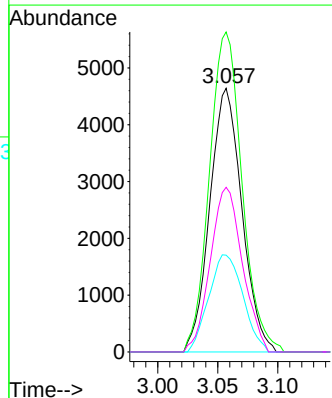
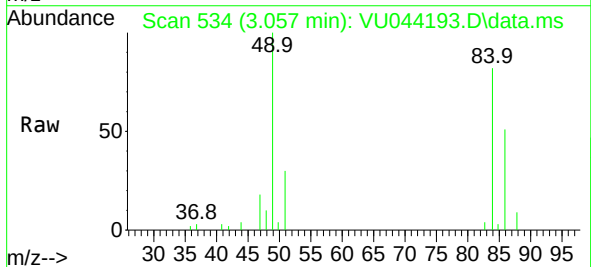
Instrument :
MSVOA_U
ClientSampled :

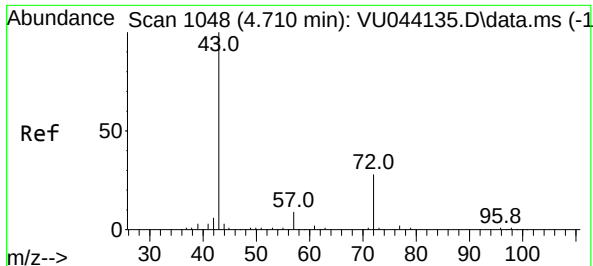
Tgt Ion: 43 Resp: 1474
Ion Ratio Lower Upper
43 100
74 3.0 20.3 30.5#



#20
Methylene Chloride
Concen: 2.486 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

Tgt Ion: 84 Resp: 8644
Ion Ratio Lower Upper
84 100
49 121.3 96.9 145.3
51 36.7 31.0 46.6
86 62.5 51.0 76.6

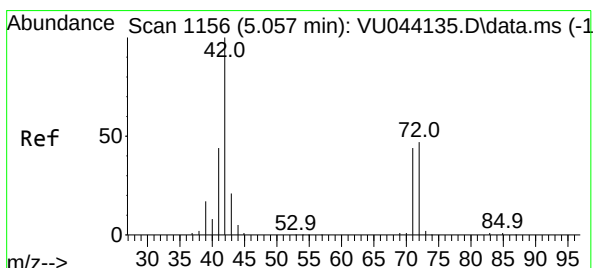
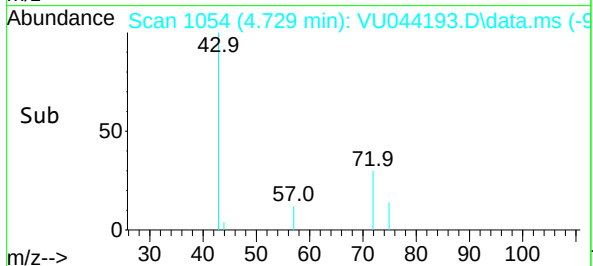
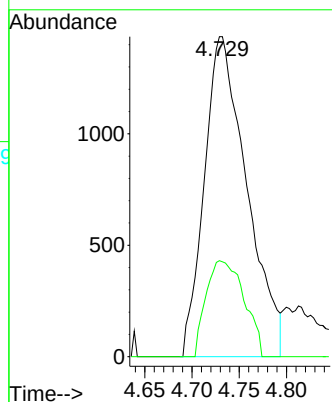
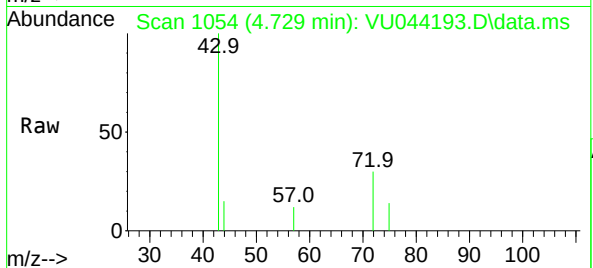




#25
2-Butanone
Concen: 2.030 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. 0.019 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

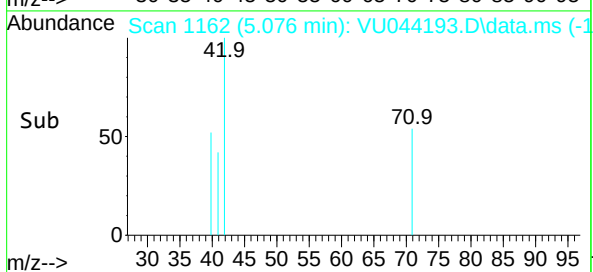
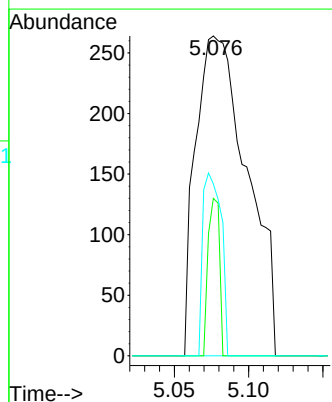
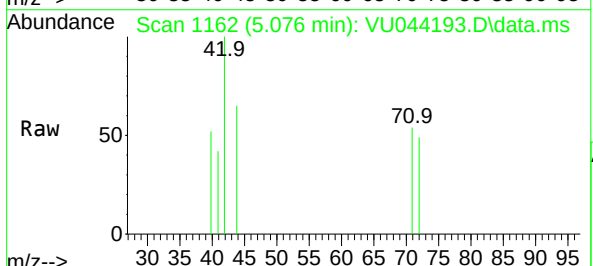
Instrument :
MSVOA_U
ClientSampled :

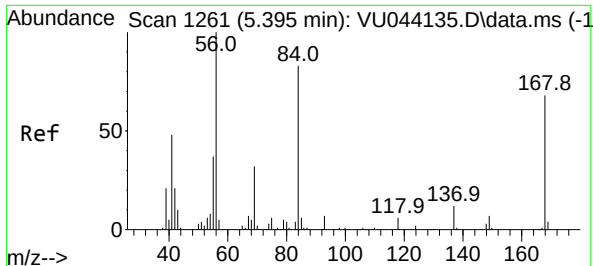
Tgt Ion: 43 Resp: 4484
Ion Ratio Lower Upper
43 100
72 30.0 22.6 33.8



#29
Tetrahydrofuran
Concen: 0.531 ug/l
RT: 5.076 min Scan# 1162
Delta R.T. 0.019 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

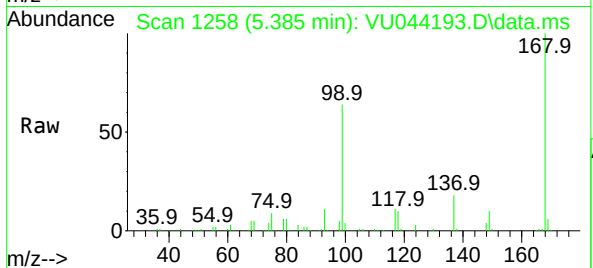
Tgt Ion: 42 Resp: 638
Ion Ratio Lower Upper
42 100
72 10.8 38.6 57.8#
71 20.2 35.5 53.3#



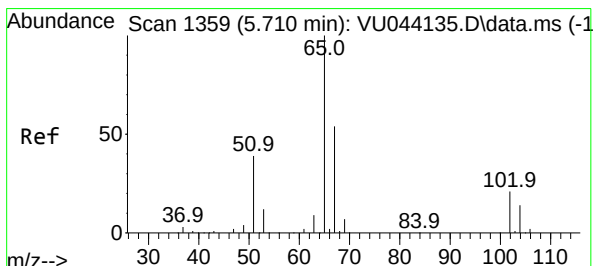
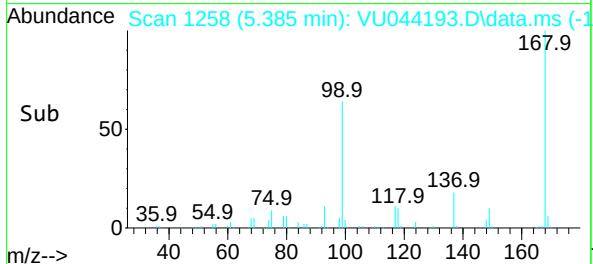
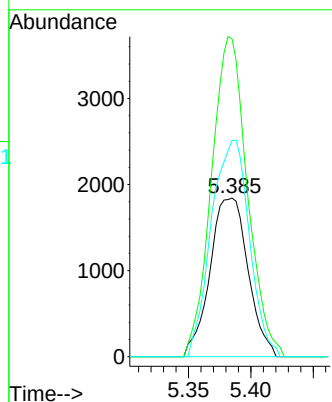


#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

Instrument :
MSVOA_U
ClientSampled :

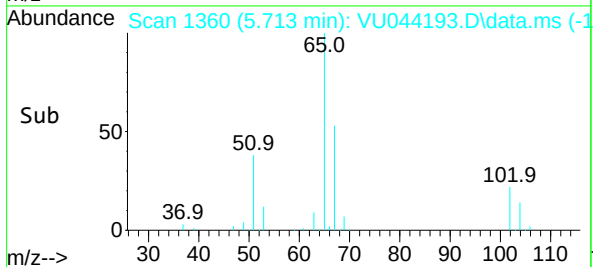
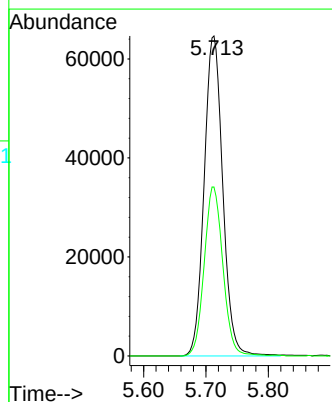
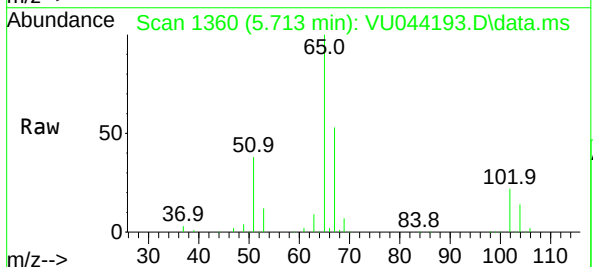


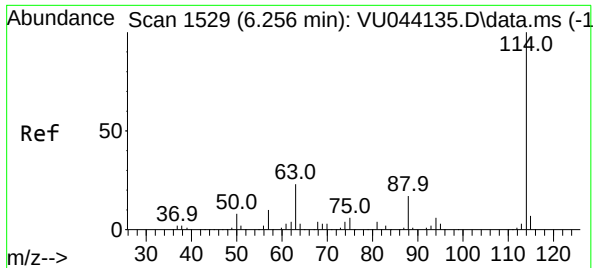
Tgt Ion: 56 Resp: 3913
Ion Ratio Lower Upper
56 100
69 200.4 25.5 38.3#
84 136.2 66.3 99.5#



#33
1,2-Dichloroethane-d4
Concen: 50.720 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

Tgt Ion: 65 Resp: 134210
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6

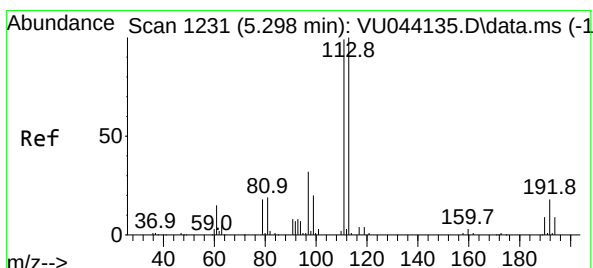
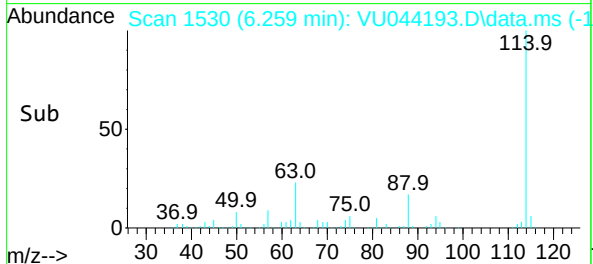
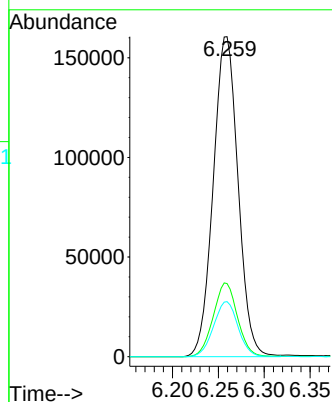
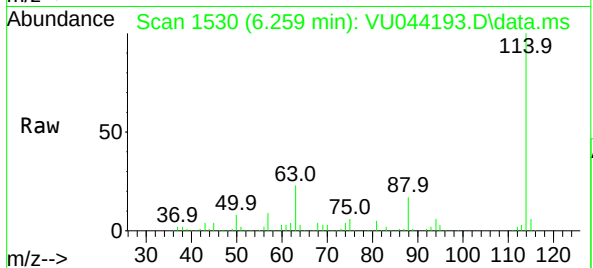




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.259 min Scan# 1530
Delta R.T. 0.003 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

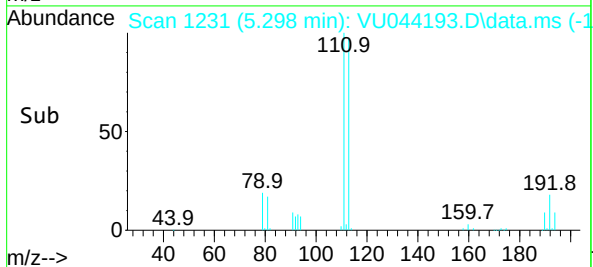
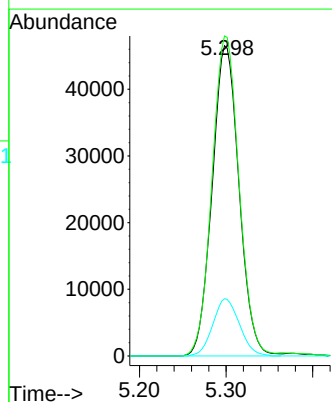
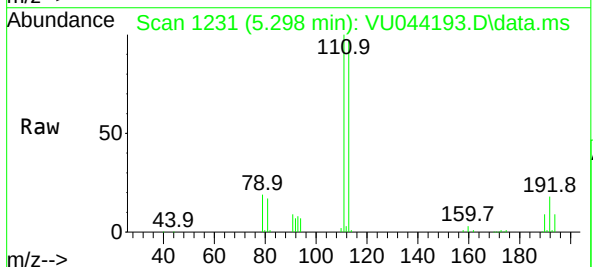
Instrument :
MSVOA_U
ClientSampleId :

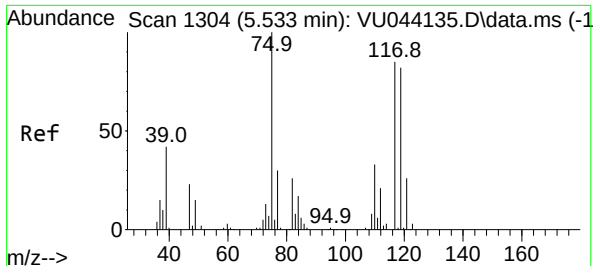
Tgt Ion:114 Resp: 301476
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.8
88 17.2 0.0 34.0



#35
Dibromofluoromethane
Concen: 47.785 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

Tgt Ion:113 Resp: 100212
Ion Ratio Lower Upper
113 100
111 103.6 81.0 121.4
192 18.3 14.3 21.5

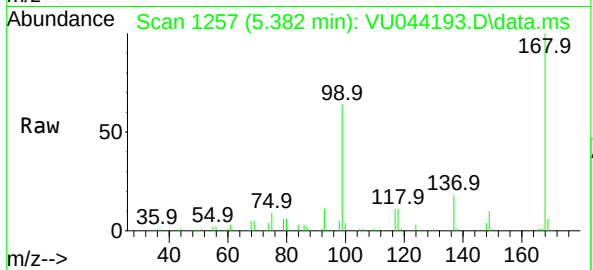




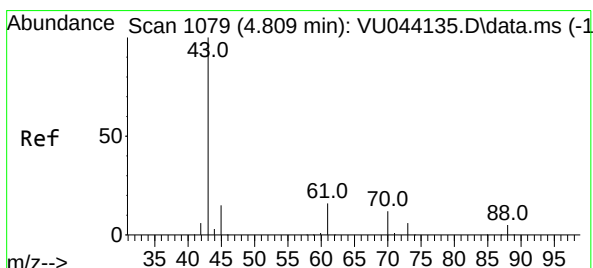
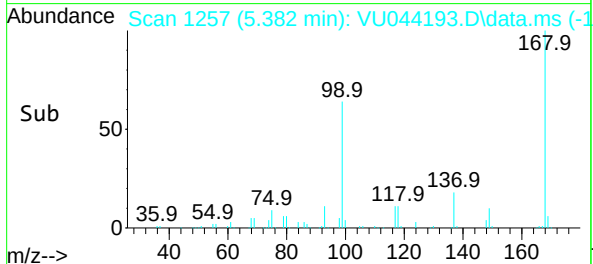
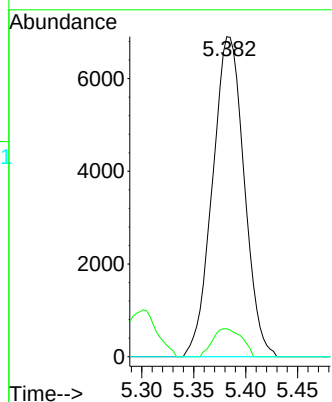
#36

1,1-Dichloropropene
Concen: 4.364 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

Instrument :
MSVOA_U
ClientSampled :



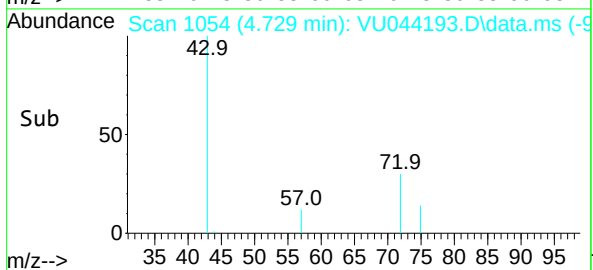
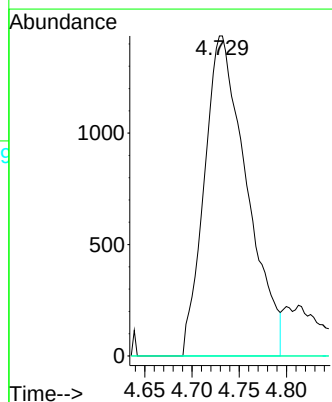
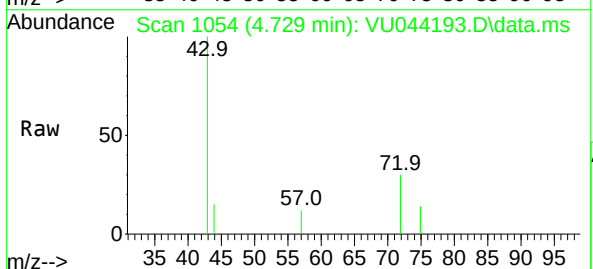
Tgt Ion: 75 Resp: 14638
Ion Ratio Lower Upper
75 100
110 8.0 16.4 49.4#
77 0.0 24.7 37.1#

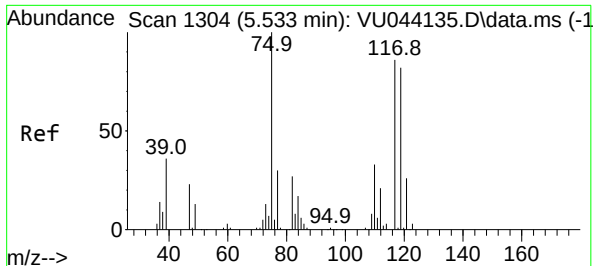


#37

Ethyl Acetate
Concen: 1.116 ug/l
RT: 4.729 min Scan# 1054
Delta R.T. -0.080 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

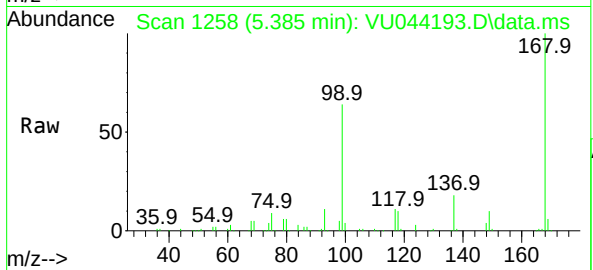
Tgt Ion: 43 Resp: 4484
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 9.4 14.0#



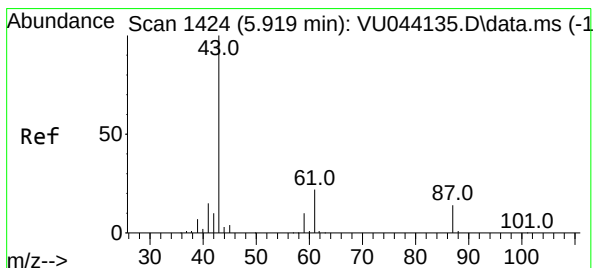
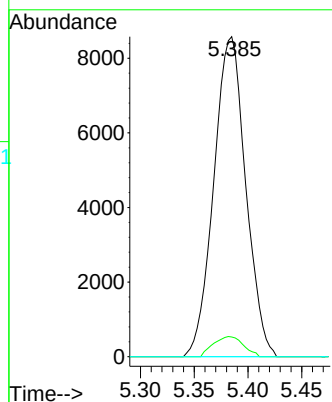
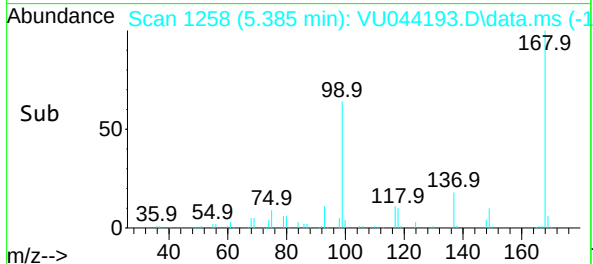


#38
Carbon Tetrachloride
Concen: 5.858 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

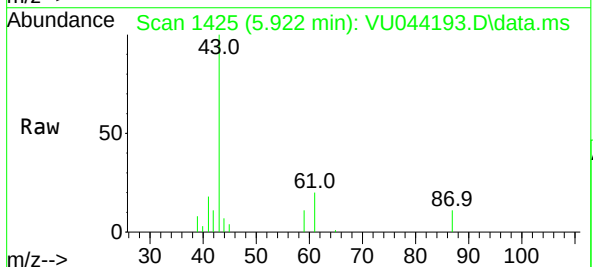
Instrument :
MSVOA_U
ClientSampleId :



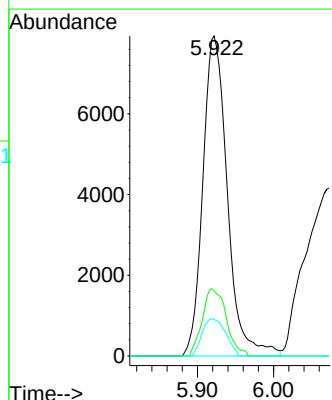
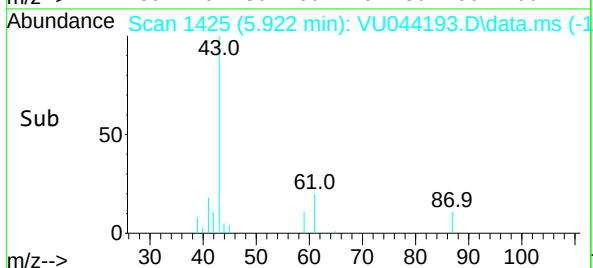
Tgt Ion:117 Resp: 17738
Ion Ratio Lower Upper
117 100
119 6.2 76.6 114.8#
121 0.0 24.6 36.8#

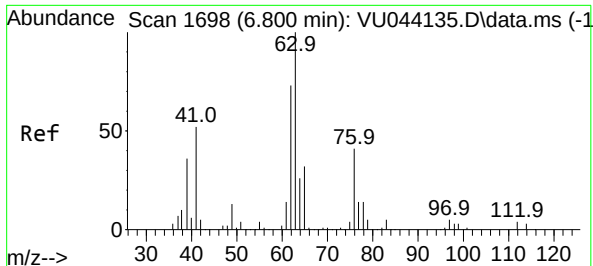


#43
Isopropyl Acetate
Concen: 3.113 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48



Tgt Ion: 43 Resp: 17738
Ion Ratio Lower Upper
43 100
61 20.6 17.8 26.8
87 11.1 11.1 16.7



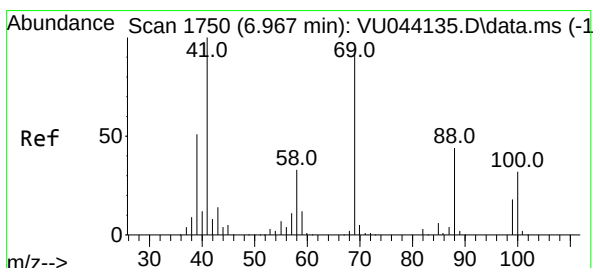
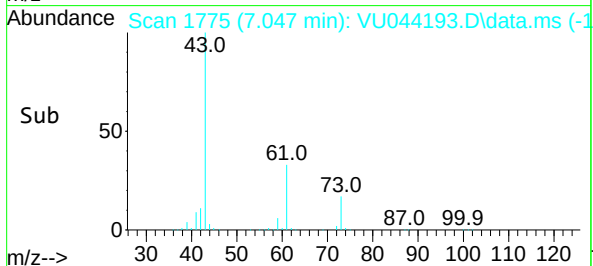
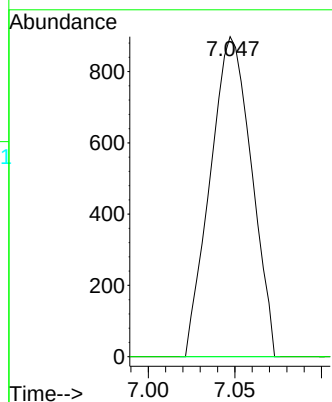
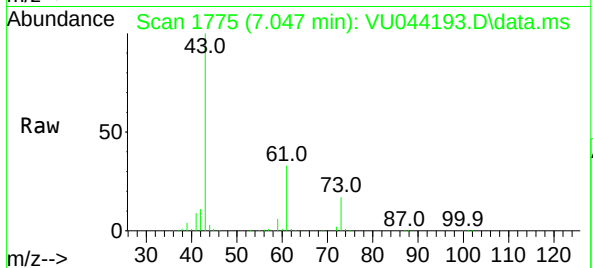


#45

1,2-Dichloropropane
Concen: 0.551 ug/l
RT: 7.047 min Scan# 1775
Delta R.T. 0.247 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

Instrument :
MSVOA_U
ClientSampled :

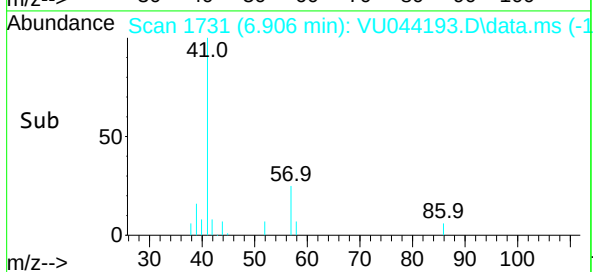
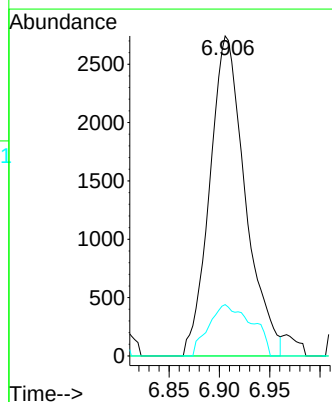
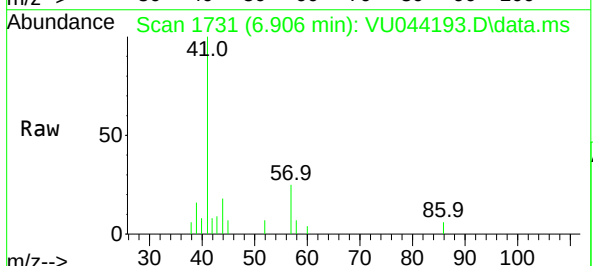
Tgt Ion: 63 Resp: 1488
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

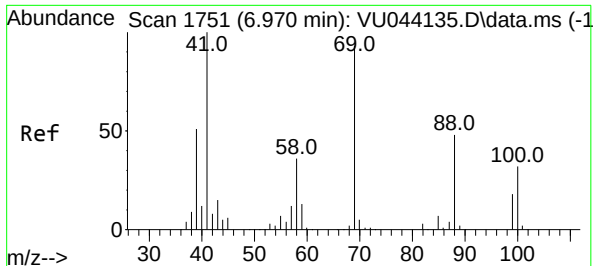


#48

Methyl methacrylate
Concen: 2.431 ug/l
RT: 6.906 min Scan# 1731
Delta R.T. -0.061 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

Tgt Ion: 41 Resp: 6741
Ion Ratio Lower Upper
41 100
69 0.0 74.0 111.0#
39 0.0 41.5 62.3#





#49

1,4-Dioxane

Concen: 0.979 ug/l

RT: 7.044 min Scan# 1774

Delta R.T. 0.074 min

Lab File: VU044193.D

Acq: 14 Jun 2021 19:48

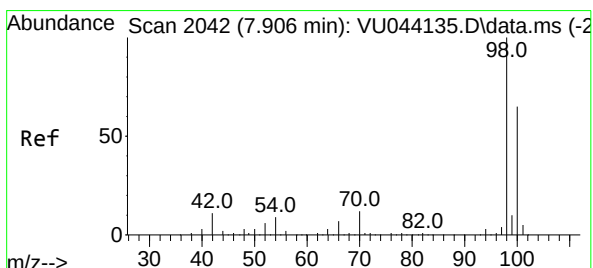
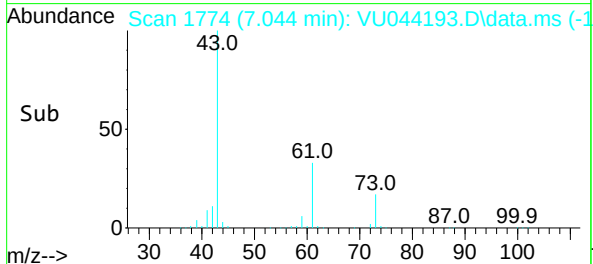
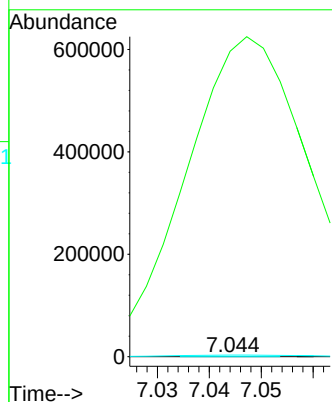
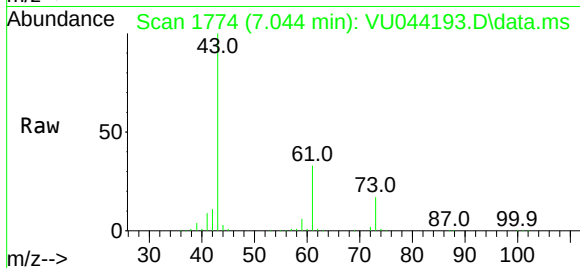
Tgt Ion: 88 Resp: 71

Ion Ratio Lower Upper

88 100

43 1598763.4 23.4 35.0#

58 9038.0 58.1 87.1#



#50

Toluene-d8

Concen: 49.222 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU044193.D

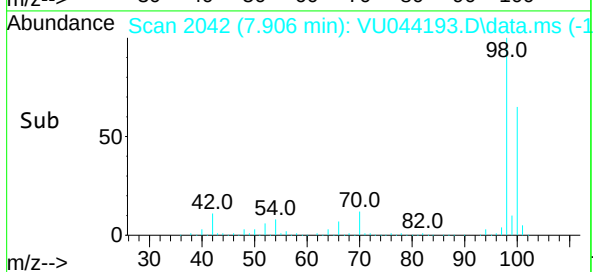
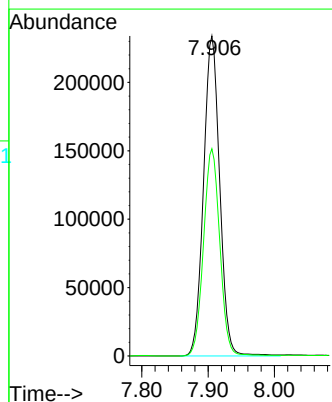
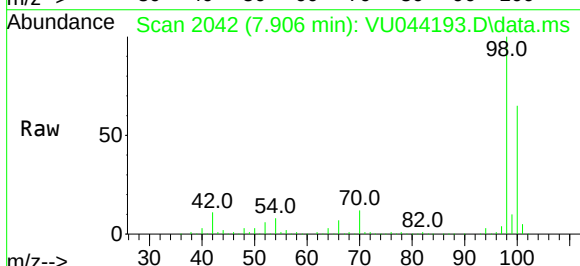
Acq: 14 Jun 2021 19:48

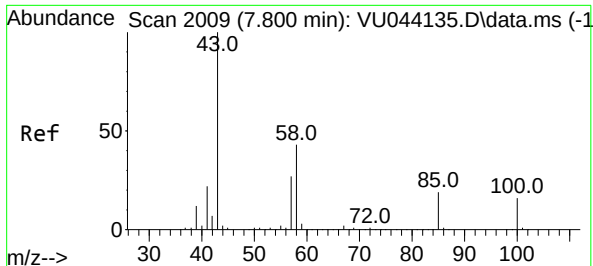
Tgt Ion: 98 Resp: 396433

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4

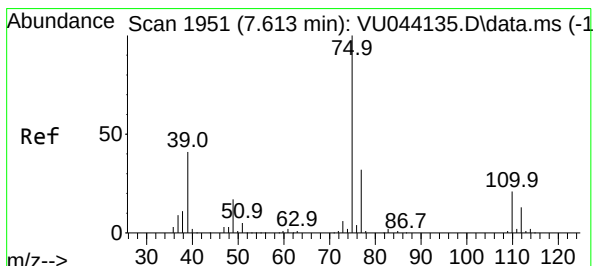
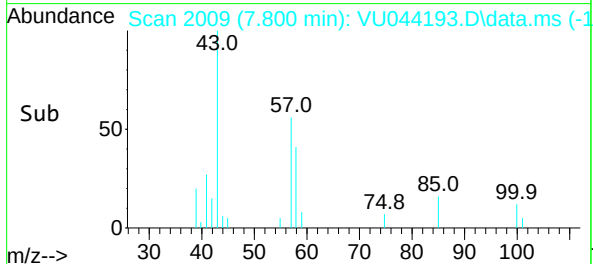
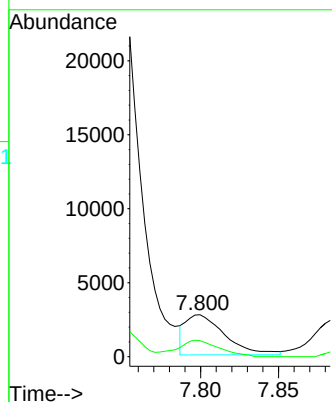
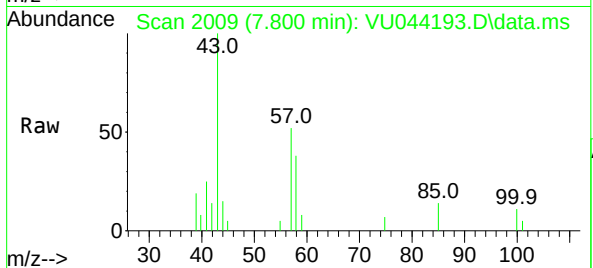




#51
4-Methyl-2-Pentanone
Concen: 1.148 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

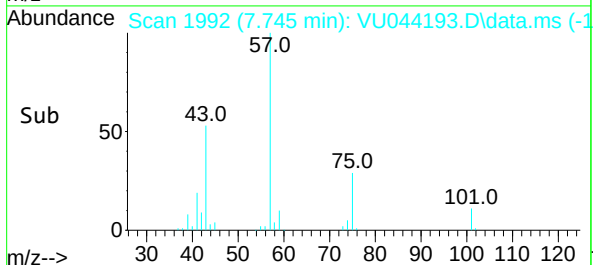
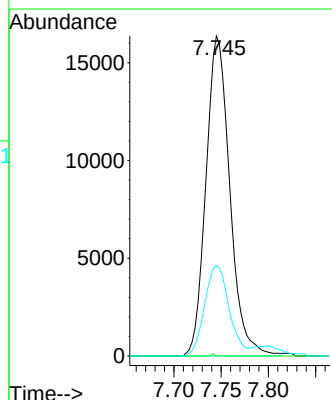
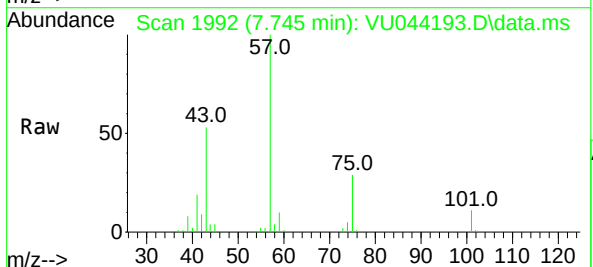
Instrument :
MSVOA_U
ClientSampled :

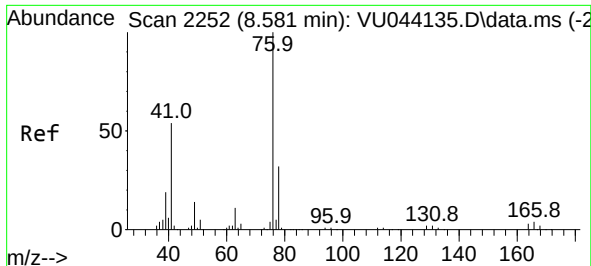
Tgt Ion: 43 Resp: 4736
Ion Ratio Lower Upper
43 100
58 42.6 34.5 51.7



#54
cis-1,3-Dichloropropene
Concen: 7.107 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

Tgt Ion: 75 Resp: 28730
Ion Ratio Lower Upper
75 100
77 0.0 25.9 38.9#
39 28.3 33.2 49.8#





#57

1,3-Dichloropropane

Concen: 4.658 ug/l

RT: 8.732 min Scan# 2299

Delta R.T. 0.151 min

Lab File: VU044193.D

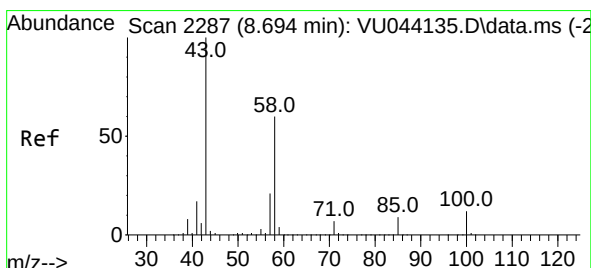
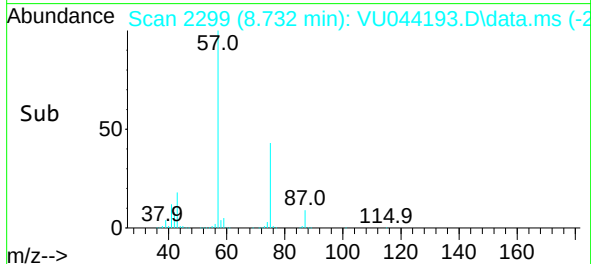
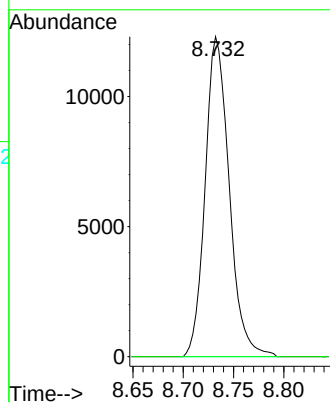
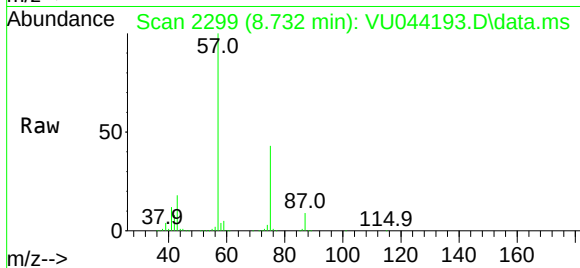
Acq: 14 Jun 2021 19:48

Tgt Ion: 76 Resp: 20450

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



#59

2-Hexanone

Concen: 79.708 ug/l

RT: 8.735 min Scan# 2300

Delta R.T. 0.041 min

Lab File: VU044193.D

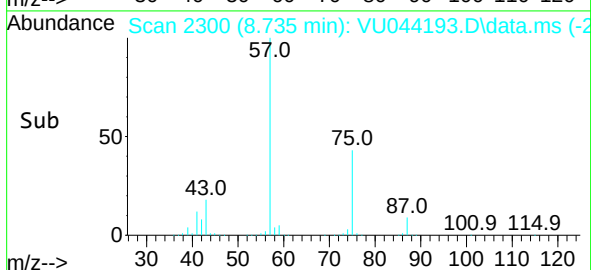
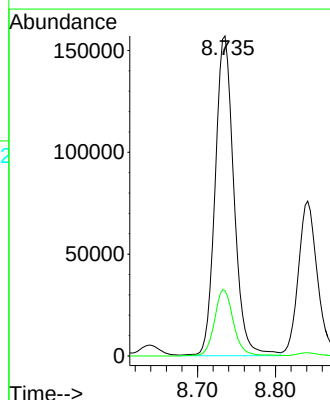
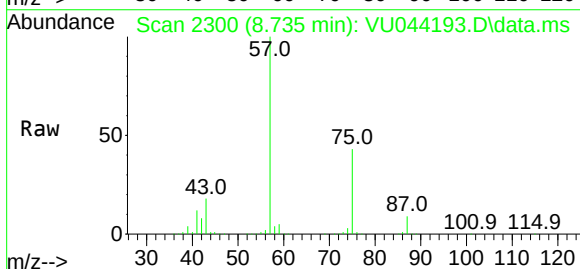
Acq: 14 Jun 2021 19:48

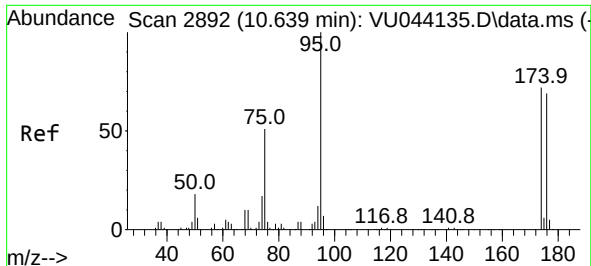
Tgt Ion: 43 Resp: 262370

Ion Ratio Lower Upper

43 100

58 21.2 30.0 90.1#

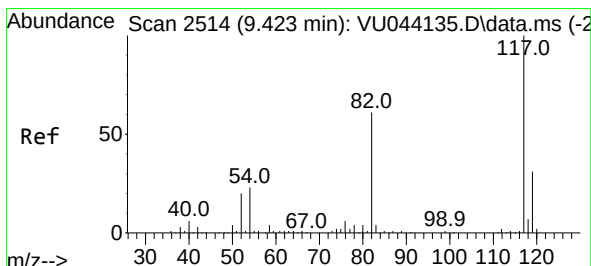
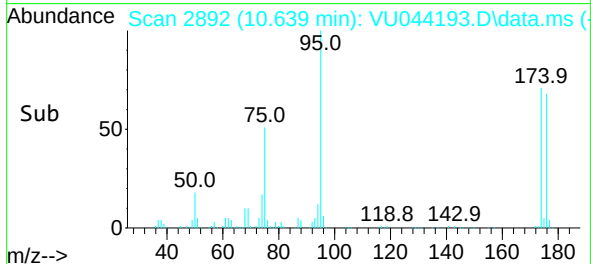
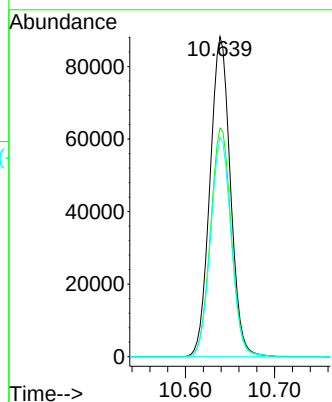
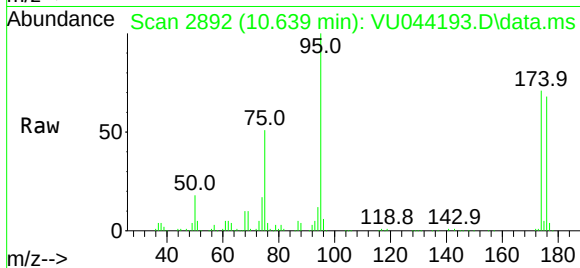




#62
4-Bromofluorobenzene
Concen: 43.549 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

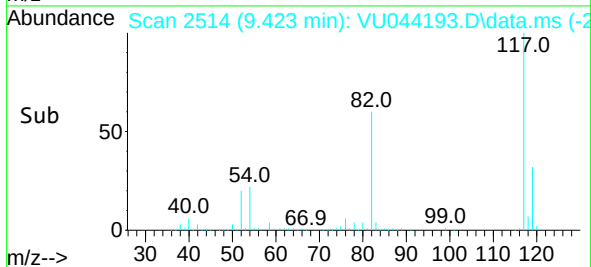
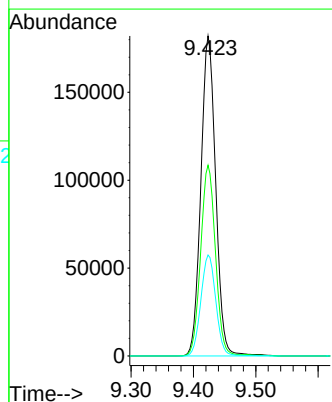
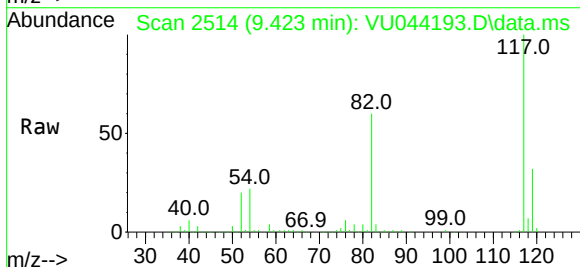
Instrument :
MSVOA_U
ClientSampleId :

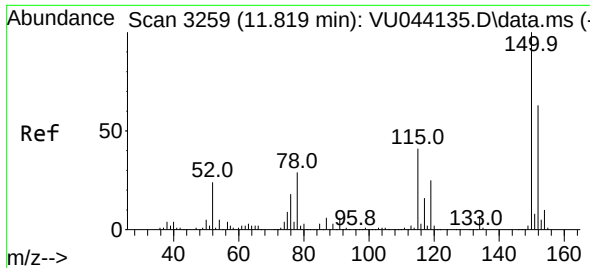
Tgt Ion: 95 Resp: 140560
Ion Ratio Lower Upper
95 100
174 73.1 0.0 144.4
176 69.2 0.0 138.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

Tgt Ion: 117 Resp: 301129
Ion Ratio Lower Upper
117 100
82 59.6 48.8 73.2
119 31.6 25.0 37.6

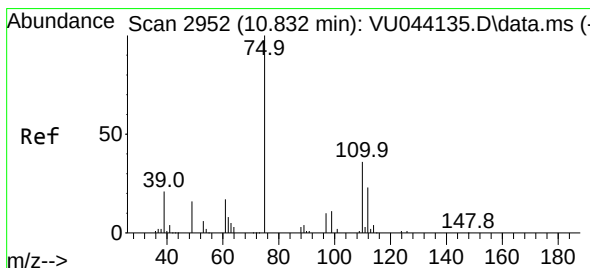
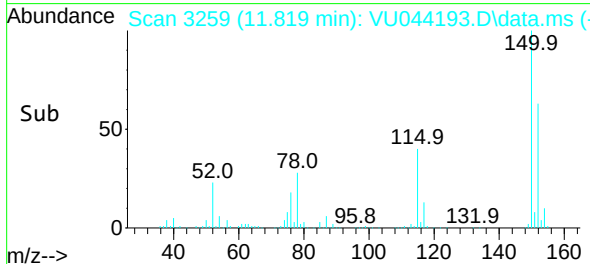
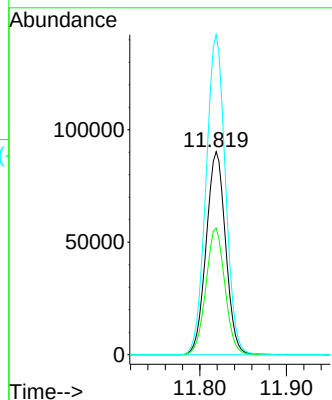
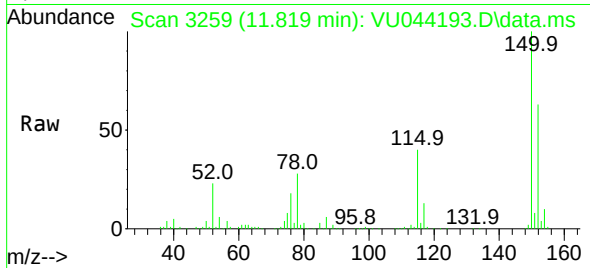




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU044193.D
 Acq: 14 Jun 2021 19:48

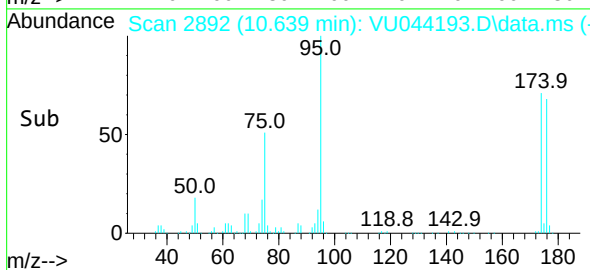
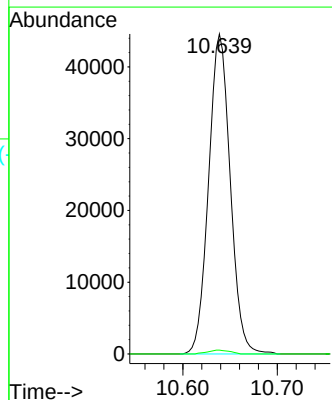
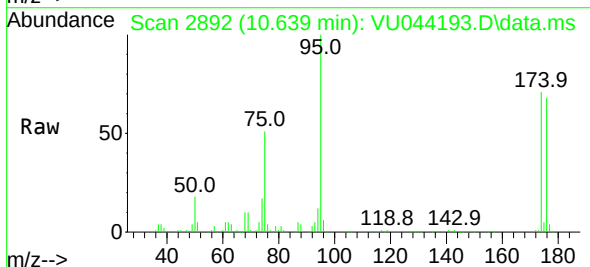
Instrument :
 MSVOA_U
 ClientSampled :

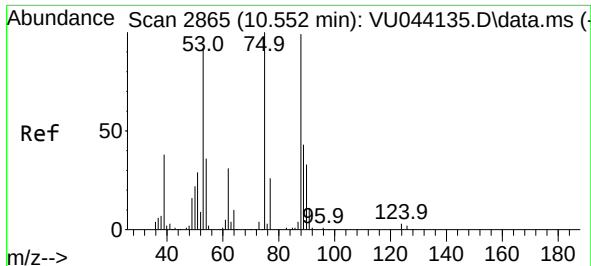
Tgt Ion:152 Resp: 140881
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.8 131.3
 150 157.3 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 15.012 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044193.D
 Acq: 14 Jun 2021 19:48

Tgt Ion: 75 Resp: 70910
 Ion Ratio Lower Upper
 75 100
 77 1.2 14.9 44.5#

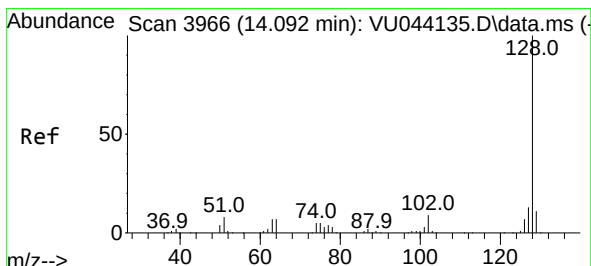
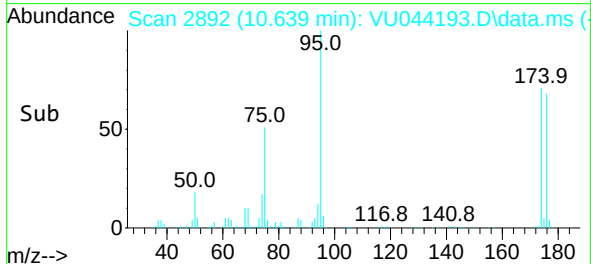
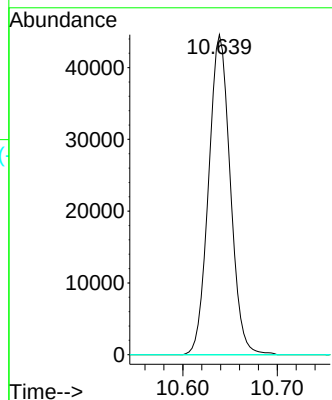
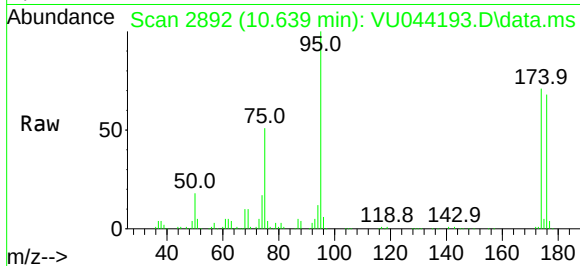




#81
trans-1,4-Dichloro-2-butene
Concen: 54.419 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 70910
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#



#95
Naphthalene
Concen: 2.842 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044193.D
Acq: 14 Jun 2021 19:48

Tgt Ion: 128 Resp: 64
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

