

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044194.D
 Acq On : 14 Jun 2021 20:11
 Operator : SY/MD
 Sample : M2672-38
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

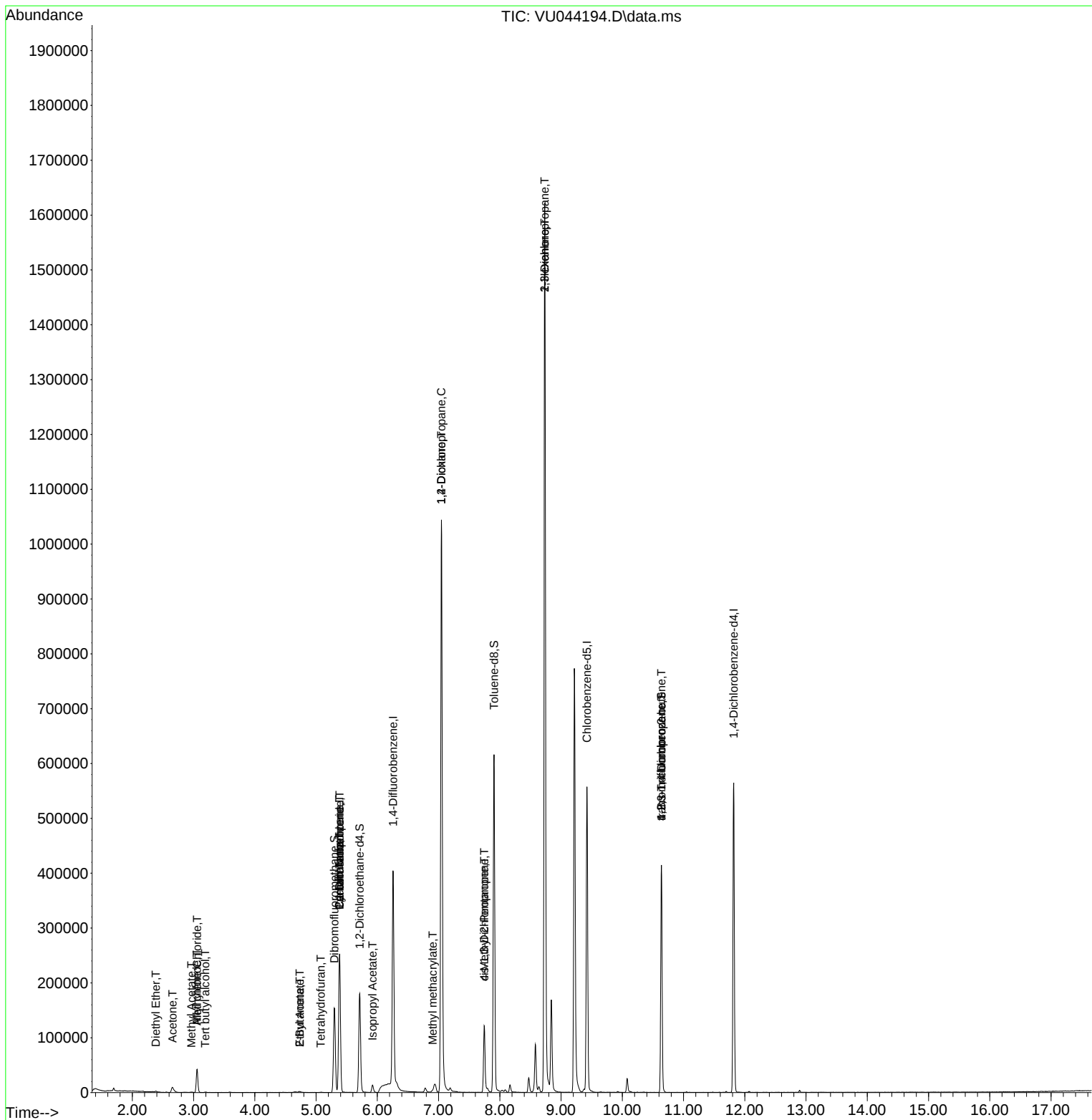
Quant Time: Jun 15 02:50:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

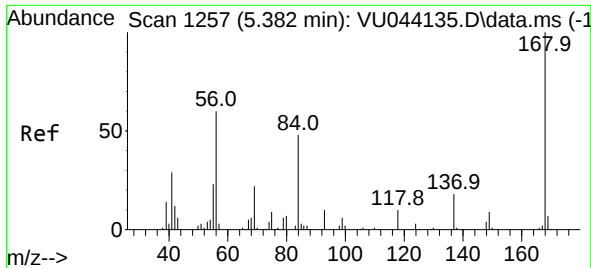
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.385	168	168125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	306680	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	304198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	142169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	134589	50.340	ug/l	0.00
Spiked Amount 50.000			Recovery	= 100.680%		
35) Dibromofluoromethane	5.298	113	101639	47.643	ug/l	0.00
Spiked Amount 50.000			Recovery	= 95.280%		
50) Toluene-d8	7.906	98	397839	48.558	ug/l	0.00
Spiked Amount 50.000			Recovery	= 97.120%		
62) 4-Bromofluorobenzene	10.639	95	142376	43.363	ug/l	0.00
Spiked Amount 50.000			Recovery	= 86.720%		
Target Compounds						Qvalue
3) Chloromethane	1.527	50	326	Below Cal	#	41
6) Chloroethane	1.951	64	198	Below Cal	#	42
8) Diethyl Ether	2.382	74	321	0.231	ug/l	95
11) Tert butyl alcohol	3.189	59	540	0.751	ug/l #	73
13) Acrolein	2.504	56	42	Below Cal	#	15
14) Allyl chloride	3.054	41	863	0.224	ug/l #	29
16) Acetone	2.655	43	18305	11.215	ug/l	98
18) Methyl Acetate	2.964	43	1404	0.408	ug/l #	63
20) Methylene Chloride	3.057	84	20347	7.424	ug/l	98
25) 2-Butanone	4.732	43	3897	1.746	ug/l #	86
29) Tetrahydrofuran	5.076	42	669	0.551	ug/l #	49
31) Cyclohexane	5.382	56	3663	0.971	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	14681	4.303	ug/l #	50
37) Ethyl Acetate	4.732	43	3897	0.954	ug/l #	67
38) Carbon Tetrachloride	5.385	117	17850	5.795	ug/l #	16
43) Isopropyl Acetate	5.922	43	14697	2.535	ug/l	96
45) 1,2-Dichloropropane	7.044	63	1247	0.454	ug/l #	43
48) Methyl methacrylate	6.906	41	6291	2.230	ug/l #	11
49) 1,4-Dioxane	7.044	88	41	0.556	ug/l #	1
51) 4-Methyl-2-Pentanone	7.745	43	43509	10.370	ug/l #	45
54) cis-1,3-Dichloropropene	7.745	75	23646	5.750	ug/l #	64
57) 1,3-Dichloropropane	8.732	76	17647	3.952	ug/l #	42
59) 2-Hexanone	8.732	43	224796	67.134	ug/l #	48
76) 1,2,3-Trichloropropane	10.639	75	71097	14.915	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.639	75	71097	54.069	ug/l #	13

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

Quant Time: Jun 15 02:50:04 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

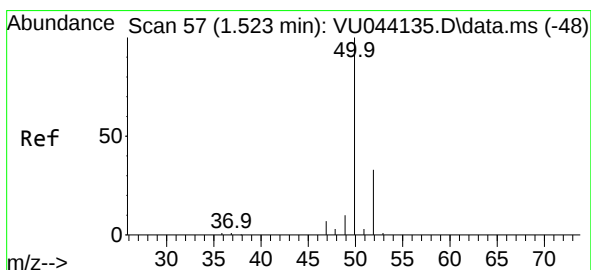
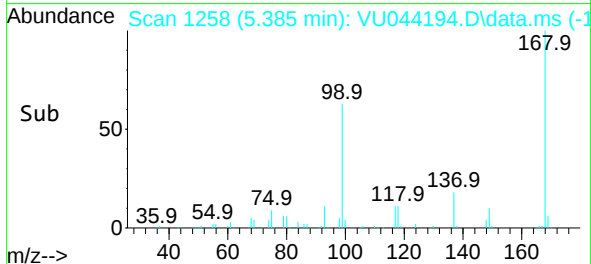
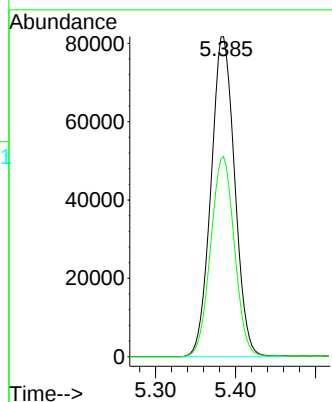
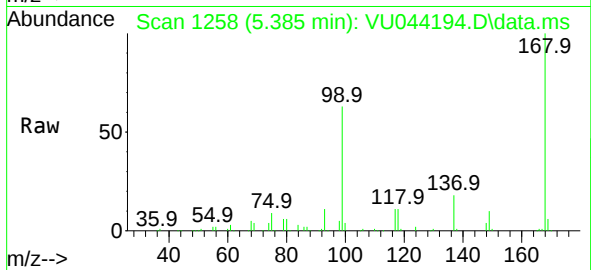




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

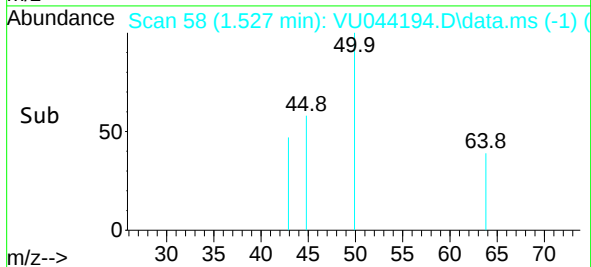
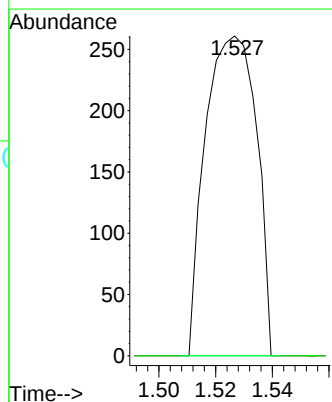
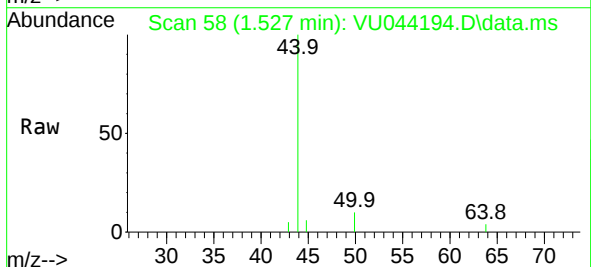
Instrument :
MSVOA_U
ClientSampled :

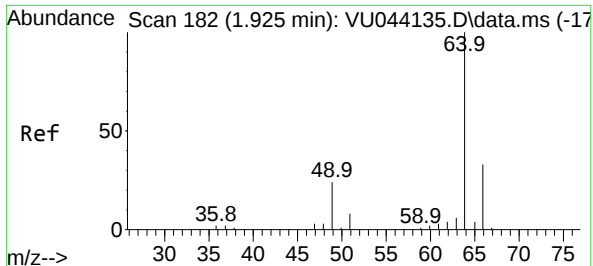
Tgt Ion:168 Resp: 168125
Ion Ratio Lower Upper
168 100
99 62.6 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.527 min Scan# 58
Delta R.T. 0.004 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

Tgt Ion: 50 Resp: 326
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#

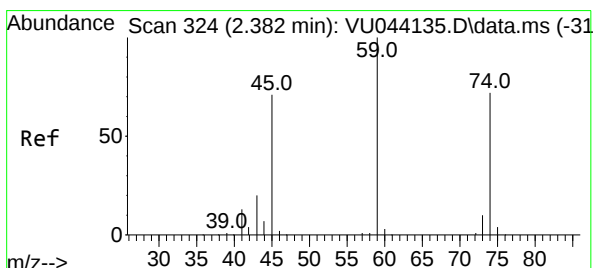
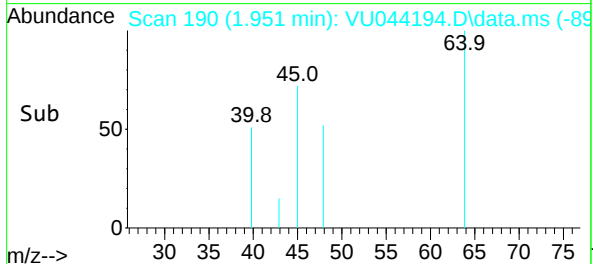
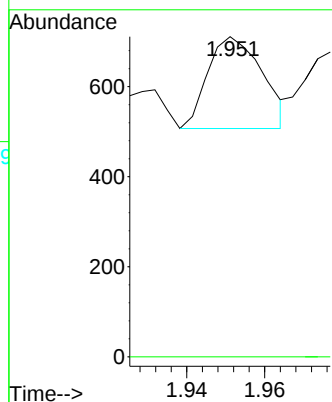
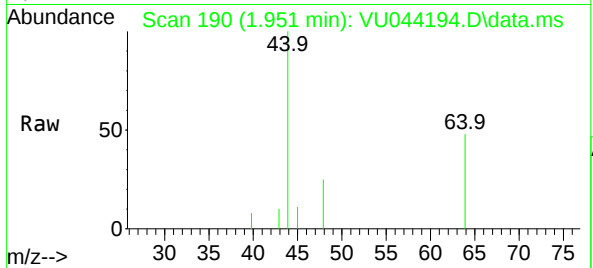




#6
Chloroethane
Concen: Below Cal
RT: 1.951 min Scan# 190
Delta R.T. 0.026 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

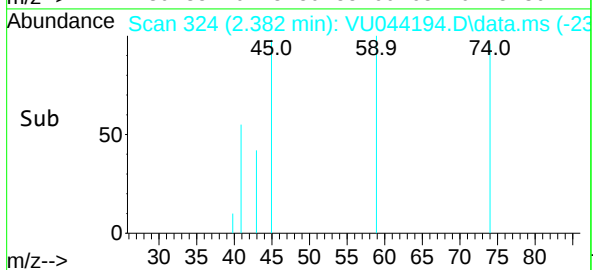
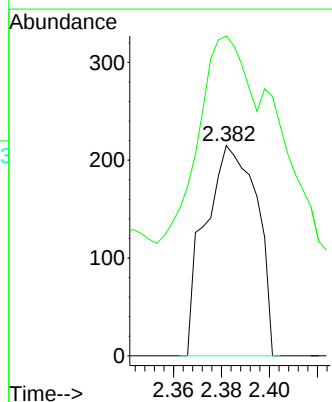
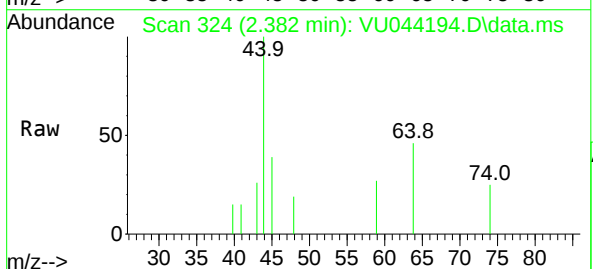
Instrument :
MSVOA_U
ClientSampleId :

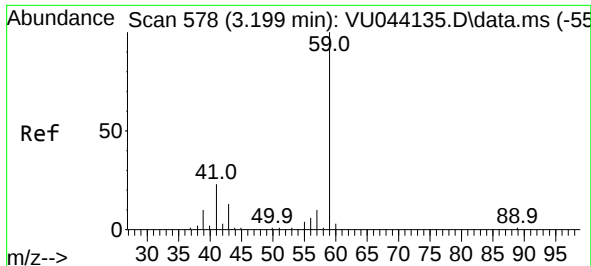
Tgt Ion: 64 Resp: 198
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#8
Diethyl Ether
Concen: 0.231 ug/l
RT: 2.382 min Scan# 324
Delta R.T. -0.000 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

Tgt Ion: 74 Resp: 321
Ion Ratio Lower Upper
74 100
45 92.2 48.6 145.8

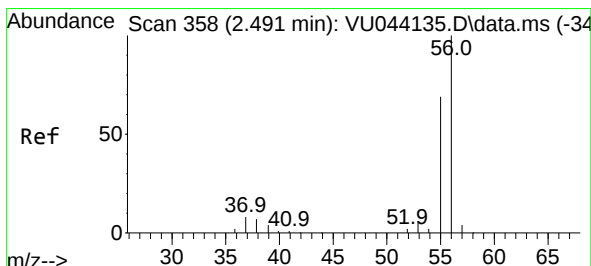
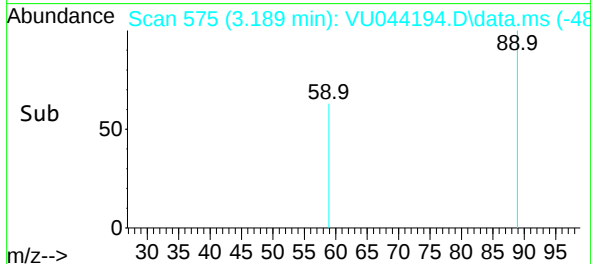
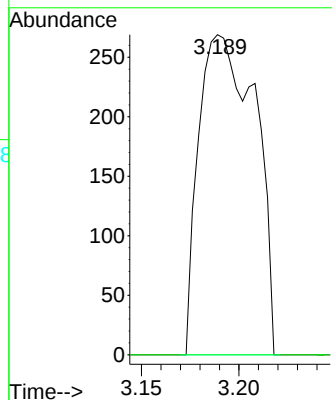
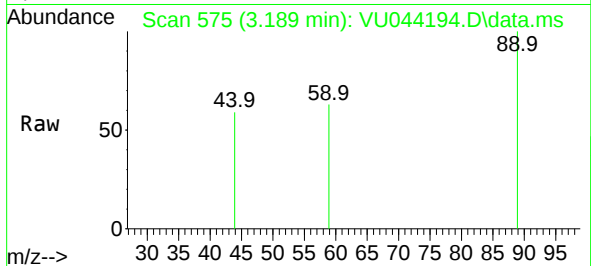




#11
Tert butyl alcohol
Concen: 0.751 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.010 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

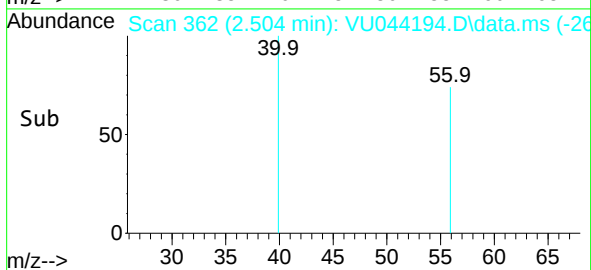
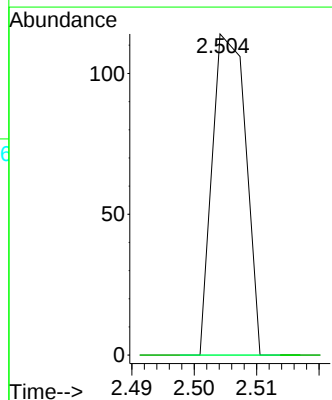
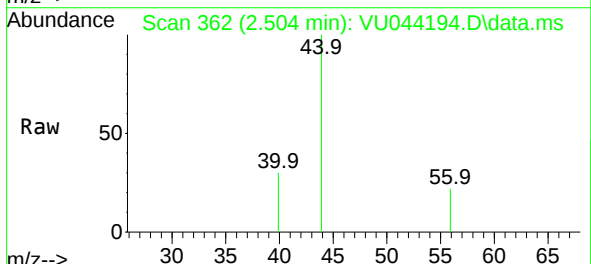
Instrument :
MSVOA_U
ClientSampled :

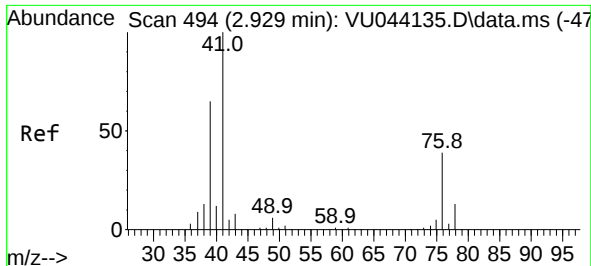
Tgt Ion: 59 Resp: 540
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: Below Cal
RT: 2.504 min Scan# 362
Delta R.T. 0.013 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

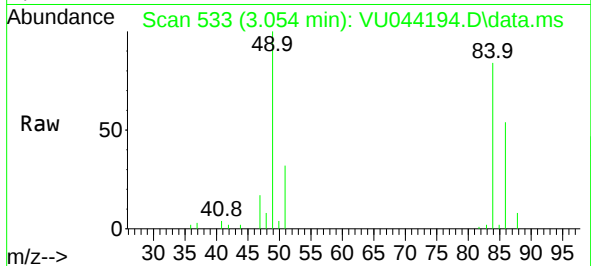
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 0.0 55.1 82.7#



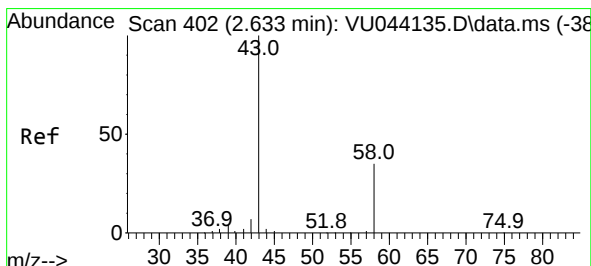
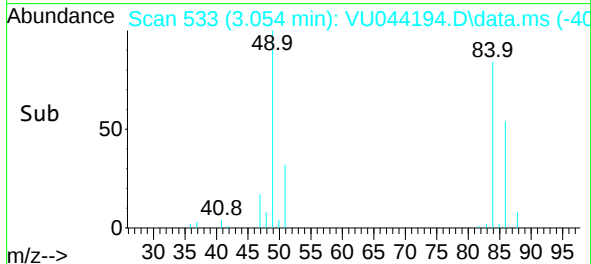
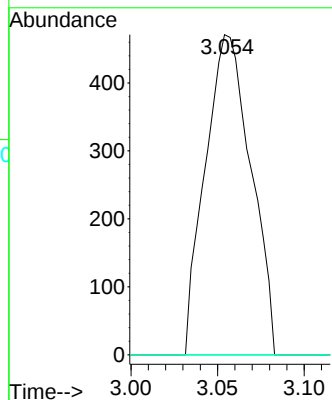


#14
Allyl chloride
Concen: 0.224 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.125 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

Instrument :
MSVOA_U
ClientSampled :

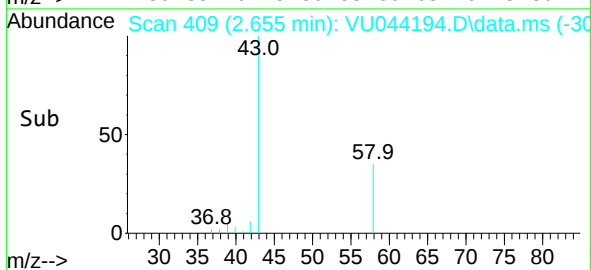
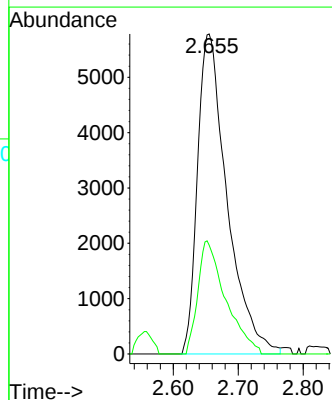
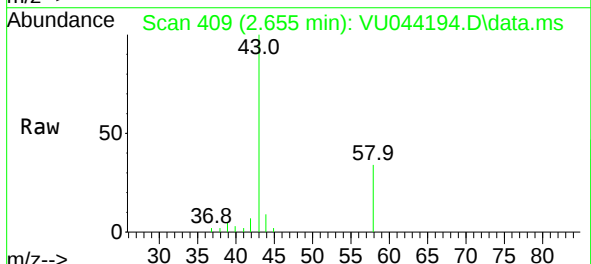


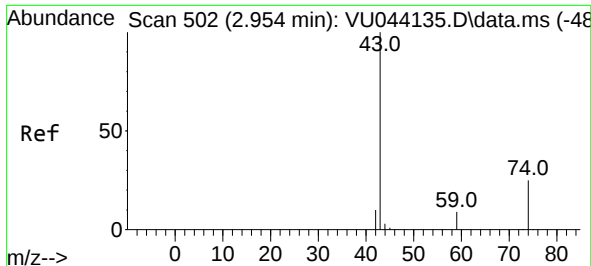
Tgt Ion: 41 Resp: 863
Ion Ratio Lower Upper
41 100
39 0.0 45.7 68.5#
76 0.0 26.8 40.2#



#16
Acetone
Concen: 11.215 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.022 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

Tgt Ion: 43 Resp: 18305
Ion Ratio Lower Upper
43 100
58 34.0 28.0 42.0

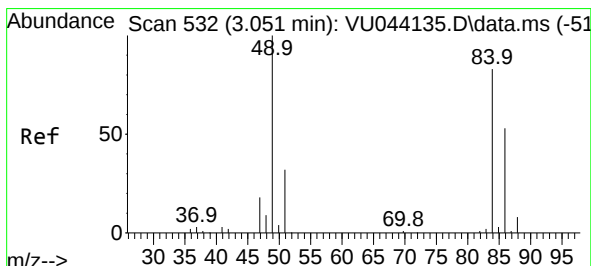
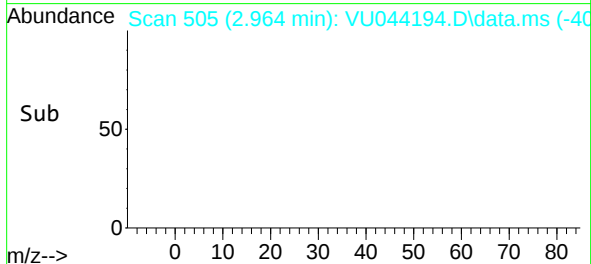
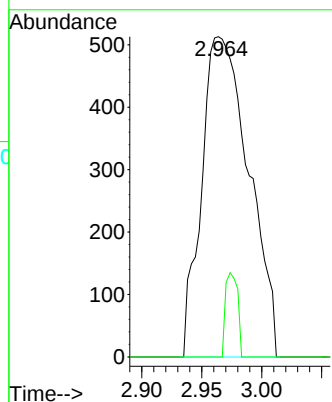
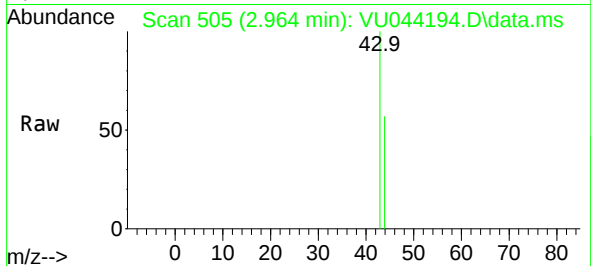




#18
Methyl Acetate
Concen: 0.408 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.010 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

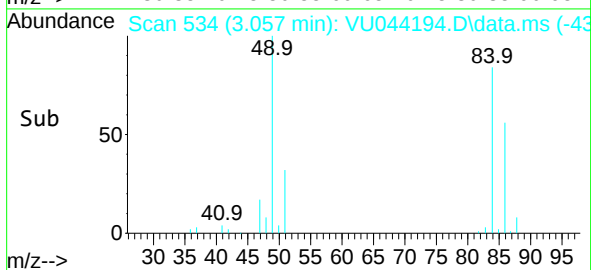
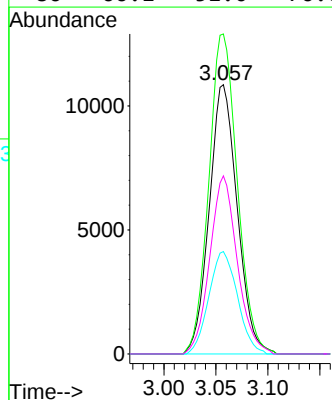
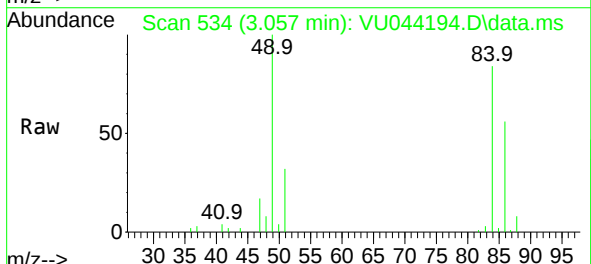
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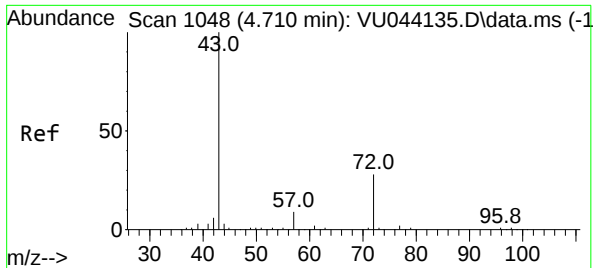
Tgt Ion: 43 Resp: 1404
Ion Ratio Lower Upper
43 100
74 6.7 20.3 30.5#



#20
Methylene Chloride
Concen: 7.424 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

Tgt Ion: 84 Resp: 20347
Ion Ratio Lower Upper
84 100
49 118.8 96.9 145.3
51 38.0 31.0 46.6
86 66.1 51.0 76.6

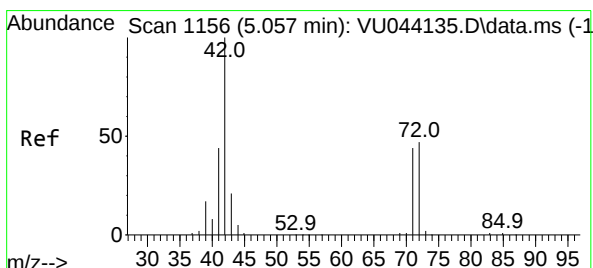
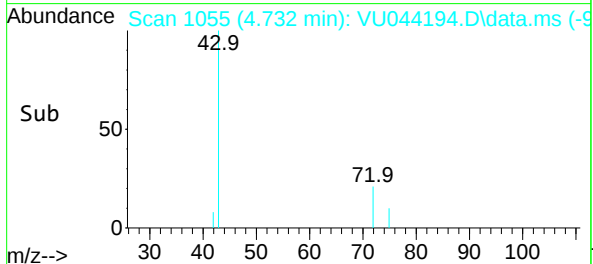
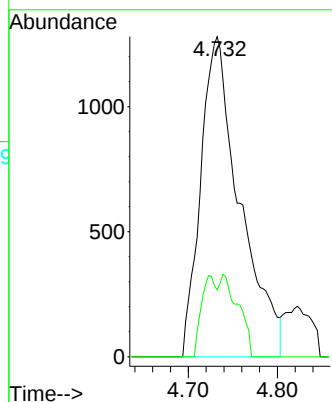
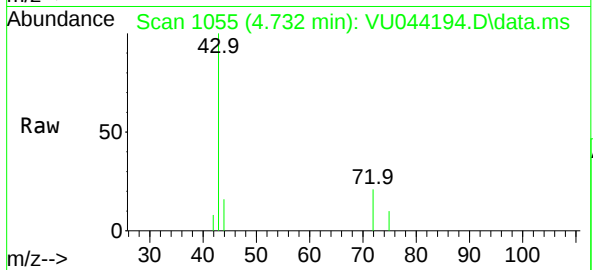




#25
2-Butanone
Concen: 1.746 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.022 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

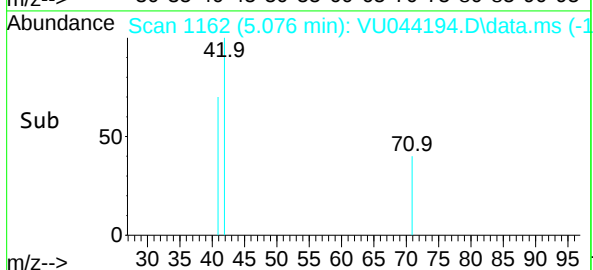
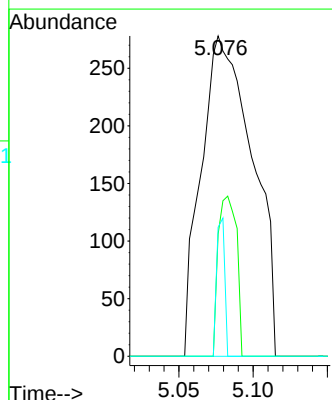
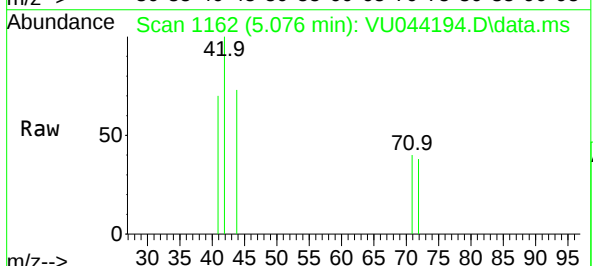
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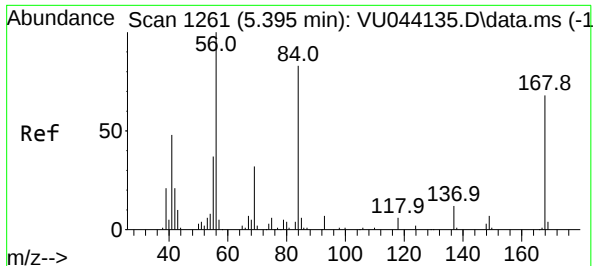
Tgt Ion: 43 Resp: 3897
Ion Ratio Lower Upper
43 100
72 20.9 22.6 33.8#



#29
Tetrahydrofuran
Concen: 0.551 ug/l
RT: 5.076 min Scan# 1162
Delta R.T. 0.019 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

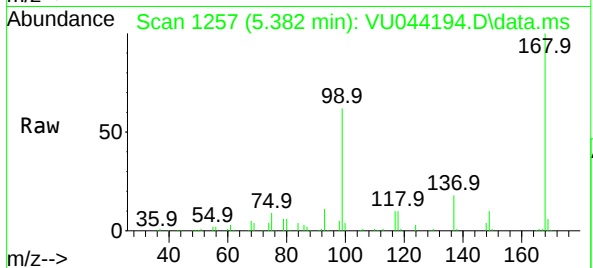
Tgt Ion: 42 Resp: 669
Ion Ratio Lower Upper
42 100
72 17.8 38.6 57.8#
71 6.7 35.5 53.3#



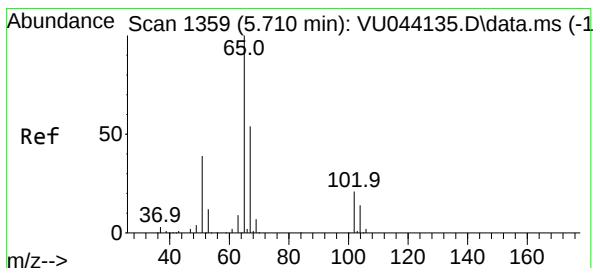
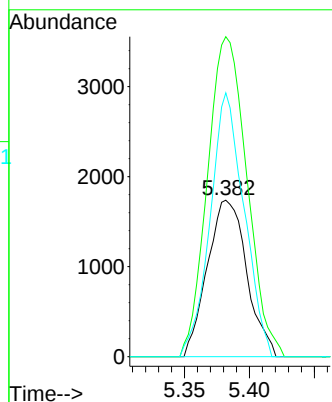
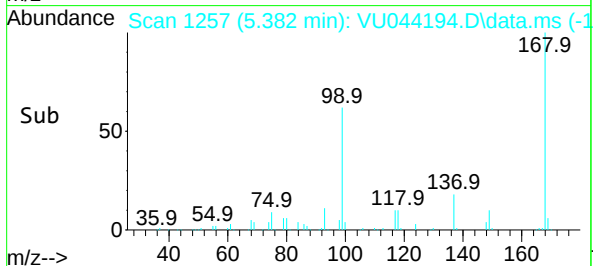


#31
Cyclohexane
Concen: 0.971 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

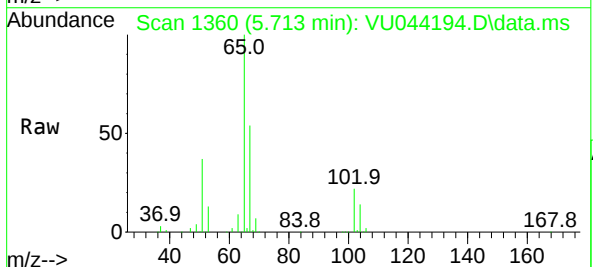
Instrument :
MSVOA_U
ClientSampled :



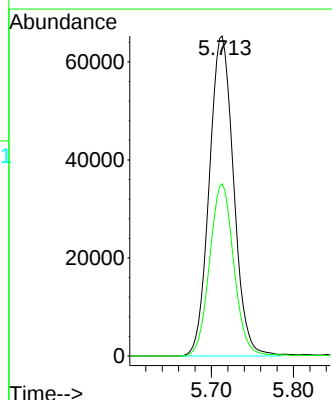
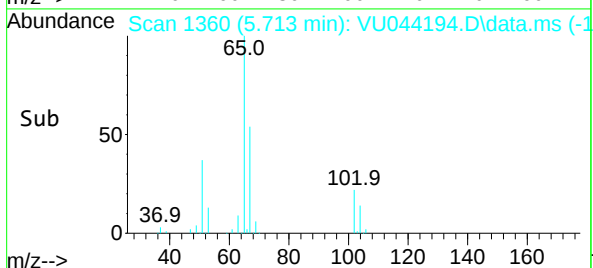
Tgt Ion: 56 Resp: 3663
Ion Ratio Lower Upper
56 100
69 204.4 25.5 38.3#
84 168.5 66.3 99.5#

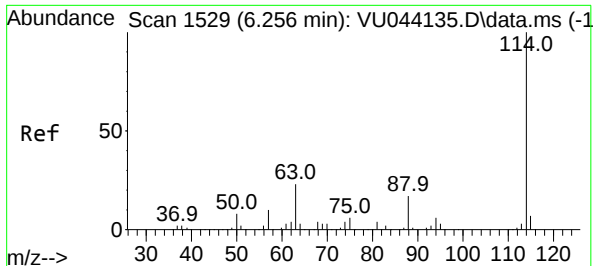


#33
1,2-Dichloroethane-d4
Concen: 50.340 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11



Tgt Ion: 65 Resp: 134589
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.6

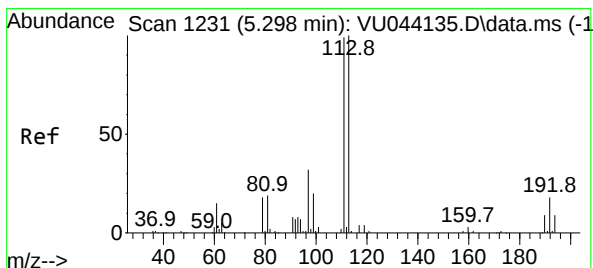
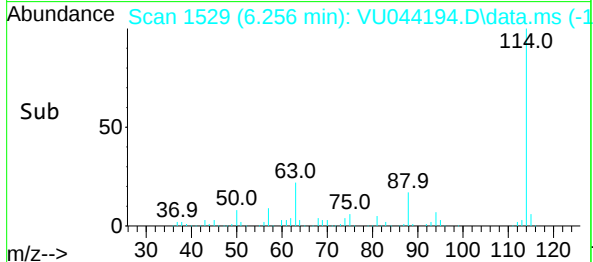
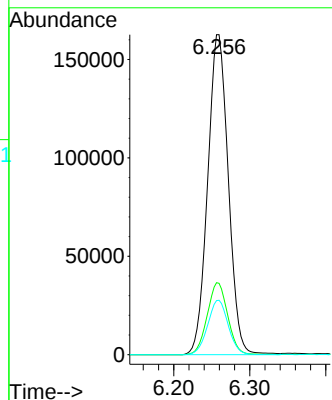
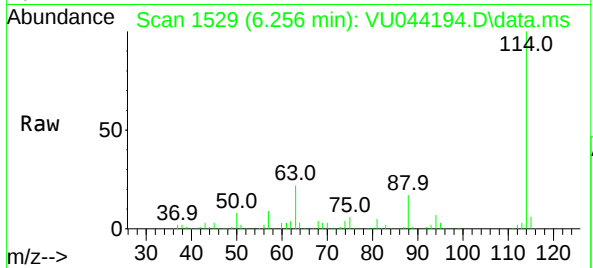




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

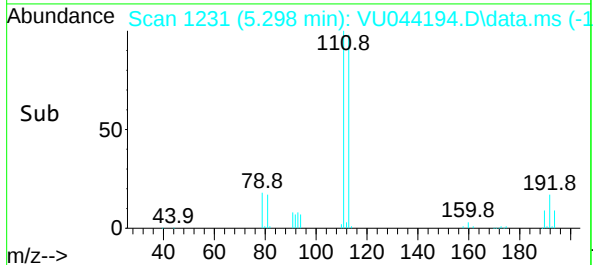
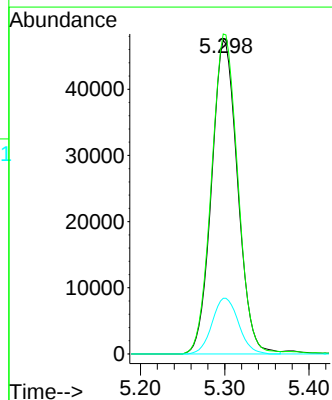
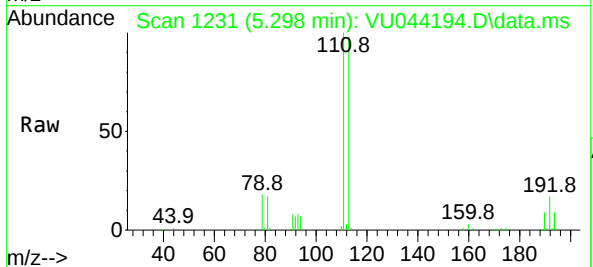
Instrument :
MSVOA_U
ClientSampled :

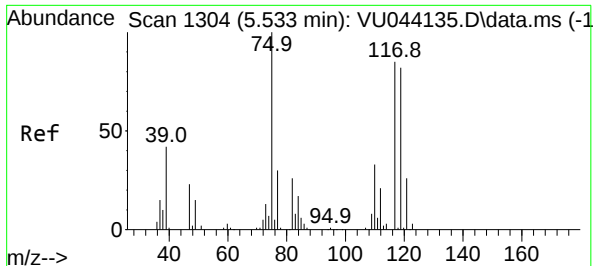
Tgt Ion:114 Resp: 306680
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.8
88 16.9 0.0 34.0



#35
Dibromofluoromethane
Concen: 47.643 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

Tgt Ion:113 Resp: 101639
Ion Ratio Lower Upper
113 100
111 103.0 81.0 121.4
192 18.1 14.3 21.5

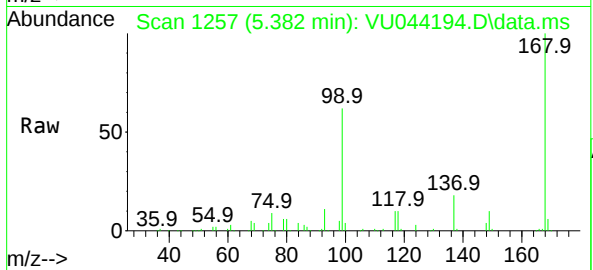




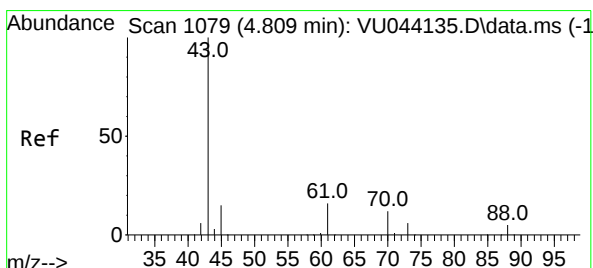
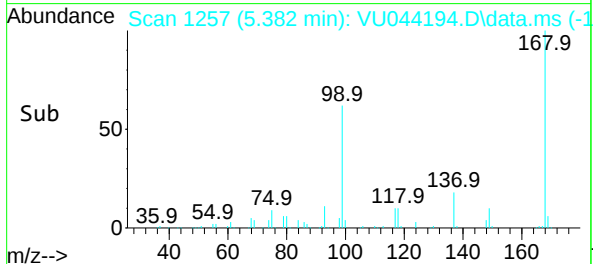
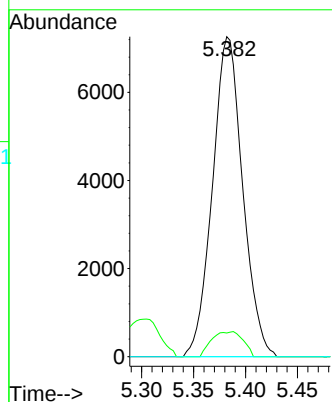
#36

1,1-Dichloropropene
Concen: 4.303 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

Instrument :
MSVOA_U
ClientSampled :



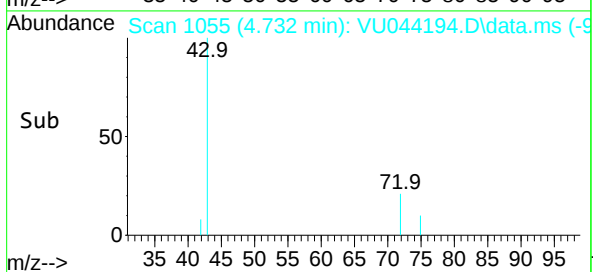
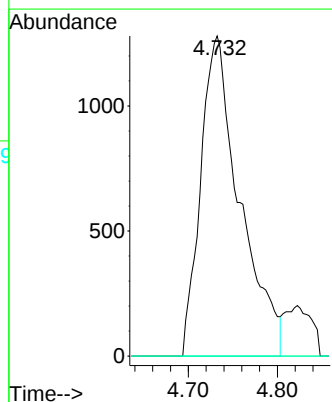
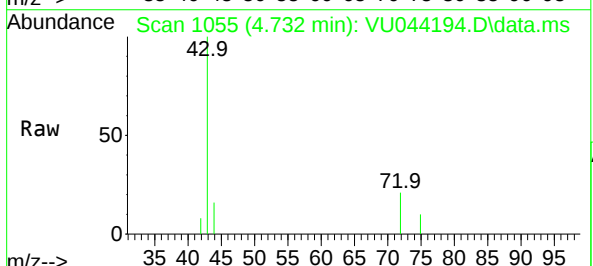
Tgt Ion: 75 Resp: 14681
Ion Ratio Lower Upper
75 100
110 8.1 16.4 49.4#
77 0.0 24.7 37.1#

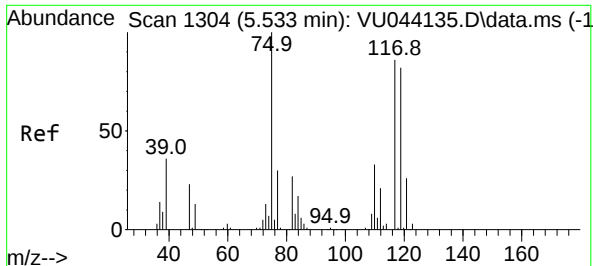


#37

Ethyl Acetate
Concen: 0.954 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. -0.077 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

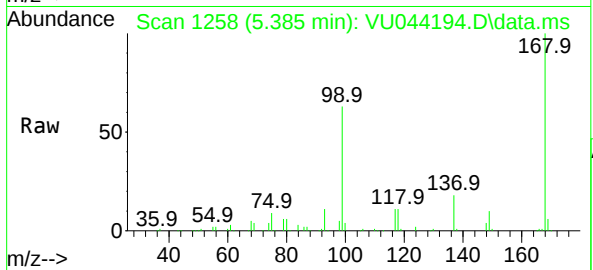
Tgt Ion: 43 Resp: 3897
Ion Ratio Lower Upper
43 100
61 0.0 11.9 17.9#
70 0.0 9.4 14.0#



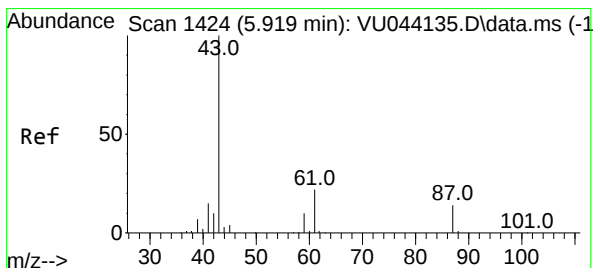
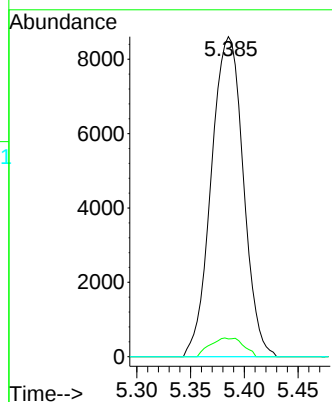
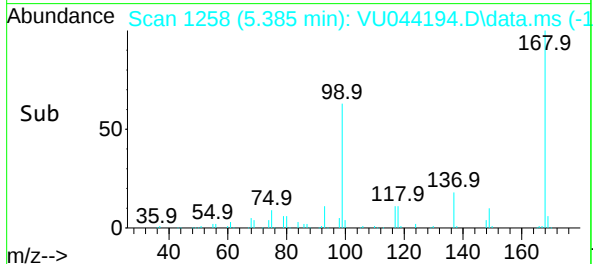


#38
Carbon Tetrachloride
Concen: 5.795 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

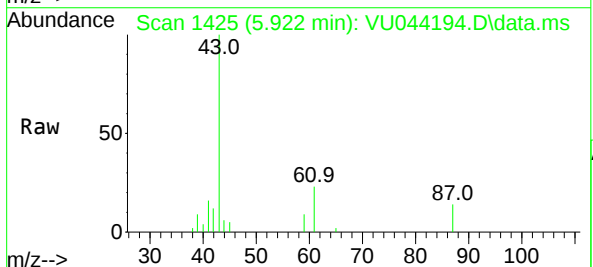
Instrument :
MSVOA_U
ClientSampled :



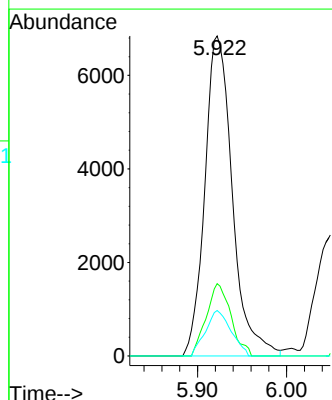
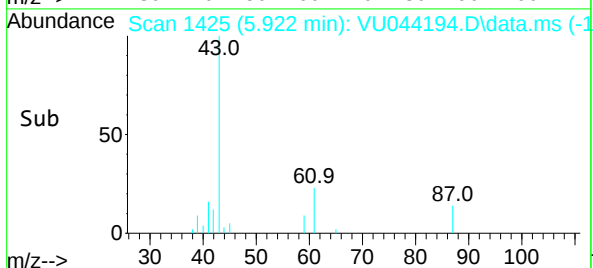
Tgt Ion:117 Resp: 17850
Ion Ratio Lower Upper
117 100
119 5.5 76.6 114.8#
121 0.0 24.6 36.8#

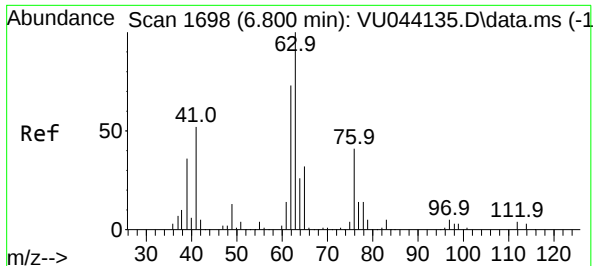


#43
Isopropyl Acetate
Concen: 2.535 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11



Tgt Ion: 43 Resp: 14697
Ion Ratio Lower Upper
43 100
61 20.1 17.8 26.8
87 13.1 11.1 16.7



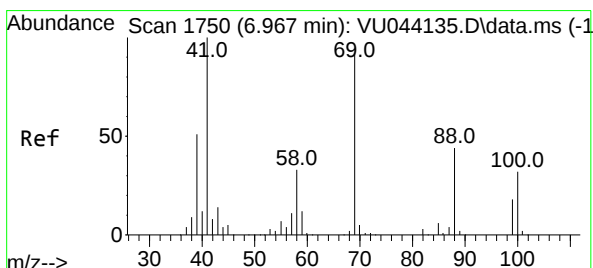
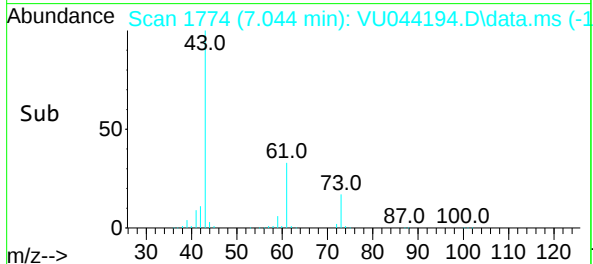
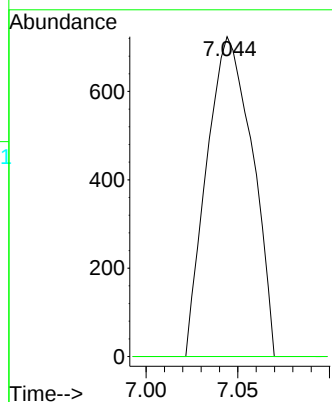
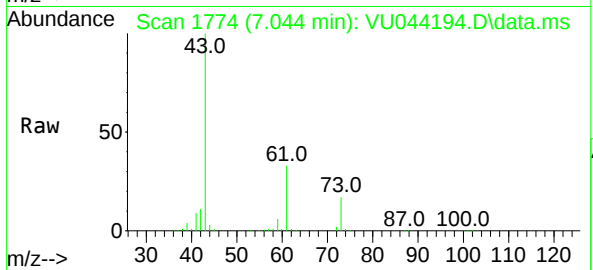


#45

1,2-Dichloropropane
Concen: 0.454 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.244 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

Instrument :
MSVOA_U
ClientSampled :

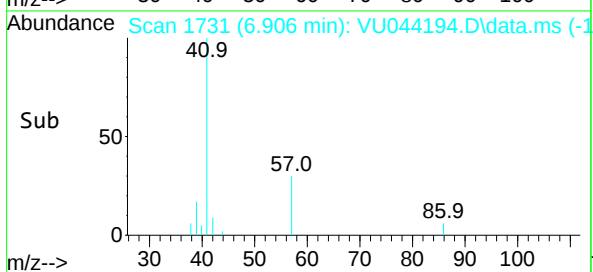
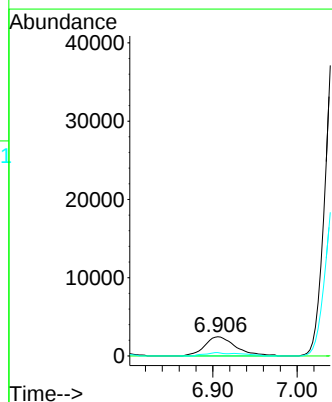
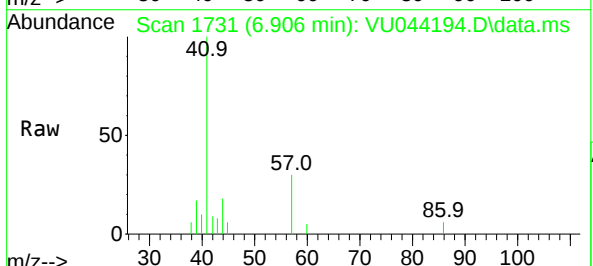
Tgt Ion: 63 Resp: 1247
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

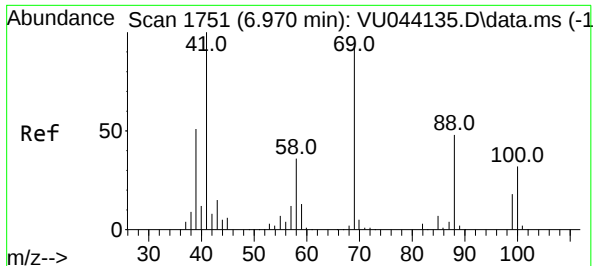


#48

Methyl methacrylate
Concen: 2.230 ug/l
RT: 6.906 min Scan# 1731
Delta R.T. -0.061 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

Tgt Ion: 41 Resp: 6291
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: 0.556 ug/l

RT: 7.044 min Scan# 1774

Delta R.T. 0.074 min

Lab File: VU044194.D

Acq: 14 Jun 2021 20:11

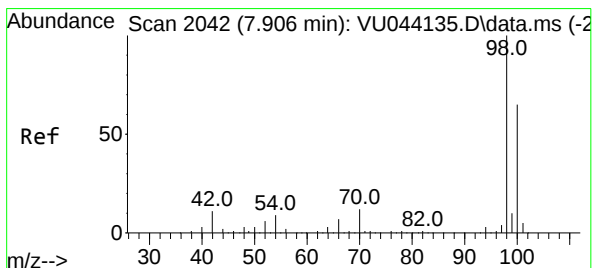
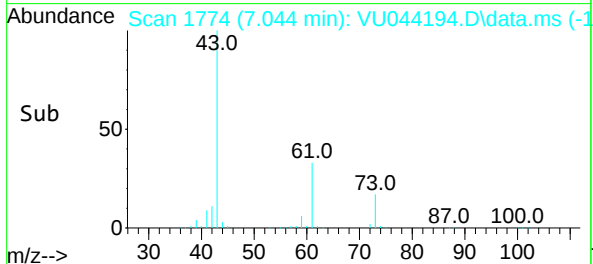
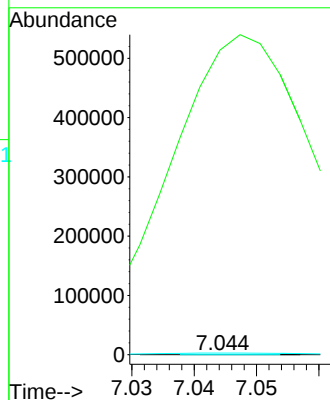
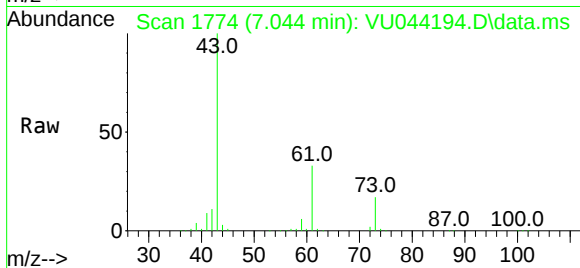
Tgt Ion: 88 Resp: 41

Ion Ratio Lower Upper

88 100

43 2411134.1 23.4 35.0#

58 13356.1 58.1 87.1#



#50

Toluene-d8

Concen: 48.558 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU044194.D

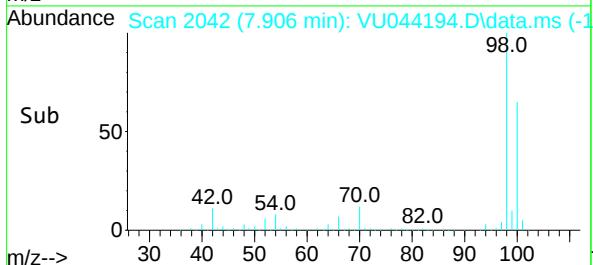
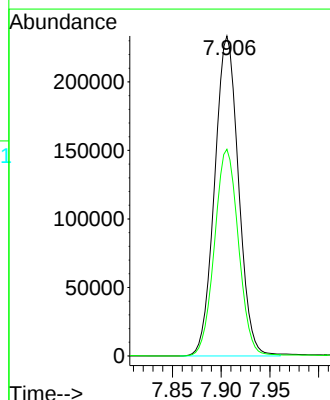
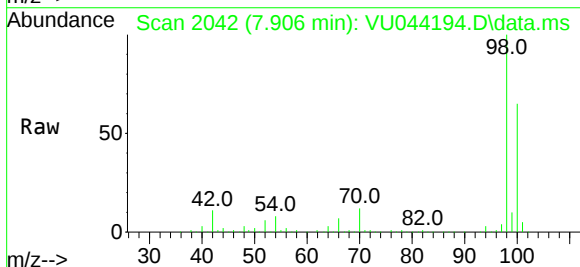
Acq: 14 Jun 2021 20:11

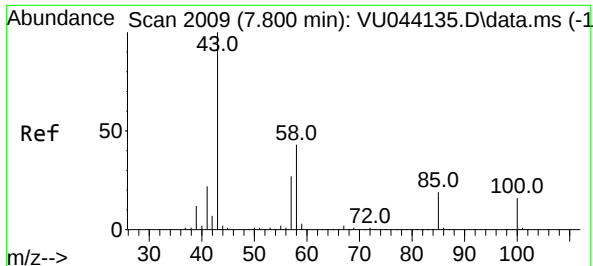
Tgt Ion: 98 Resp: 397839

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4

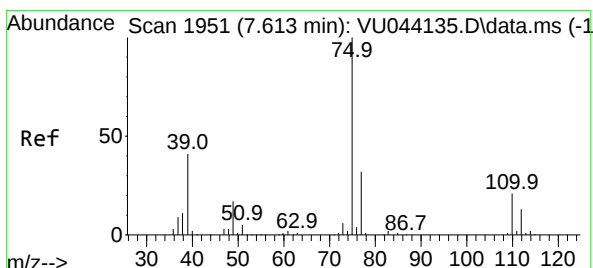
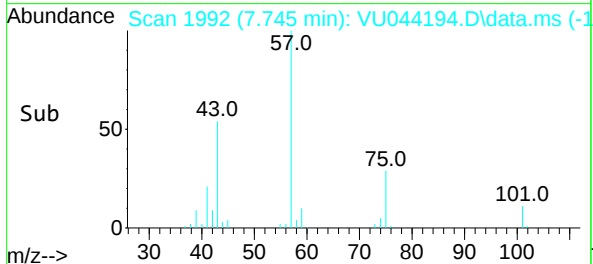
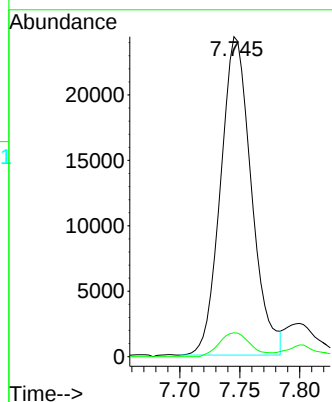
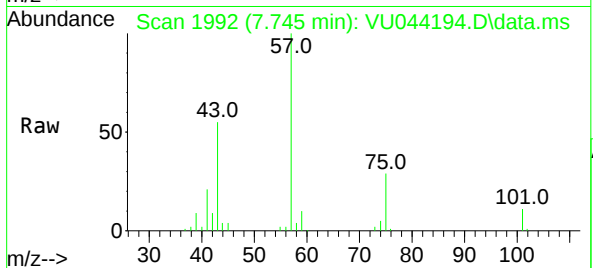




#51
4-Methyl-2-Pentanone
Concen: 10.370 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. -0.055 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

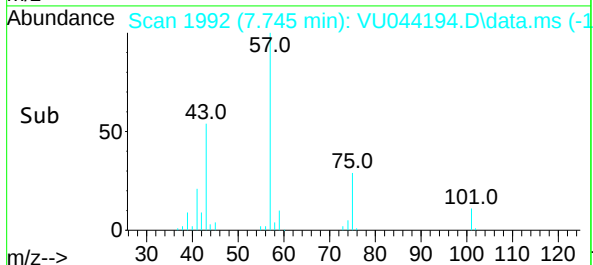
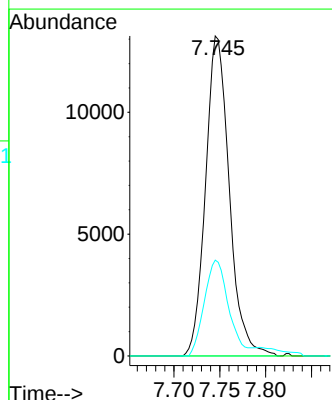
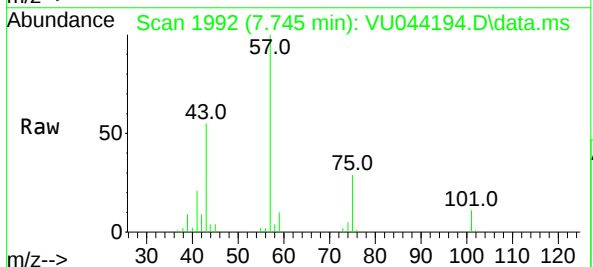
Instrument :
MSVOA_U
ClientSampled :

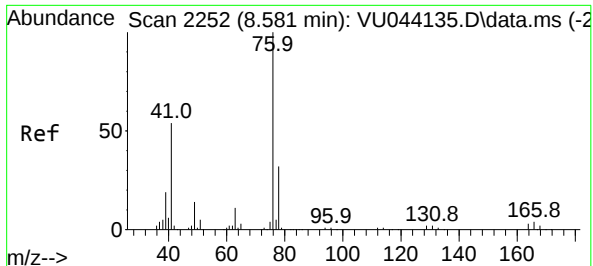
Tgt Ion: 43 Resp: 43509
Ion Ratio Lower Upper
43 100
58 7.7 34.5 51.7#



#54
cis-1,3-Dichloropropene
Concen: 5.750 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

Tgt Ion: 75 Resp: 23646
Ion Ratio Lower Upper
75 100
77 0.0 25.9 38.9#
39 29.9 33.2 49.8#



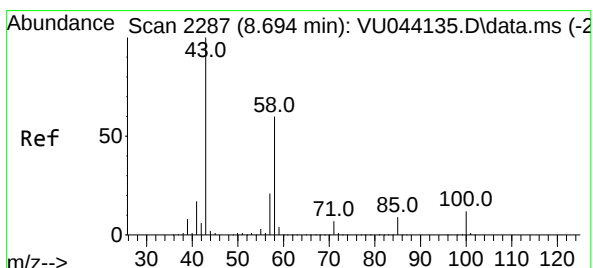
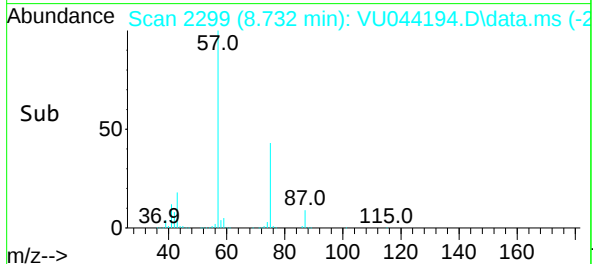
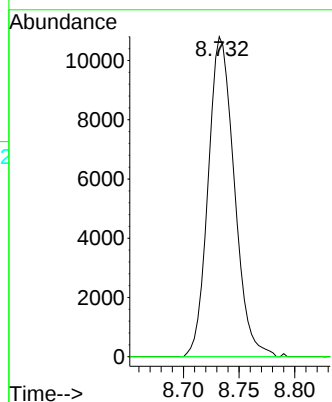
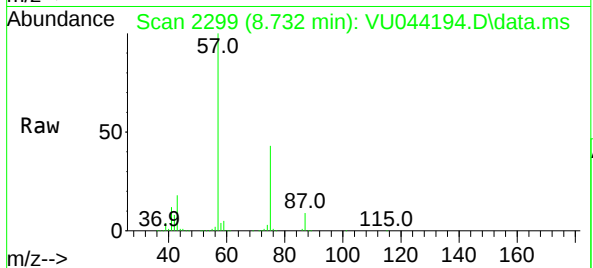


#57

1,3-Dichloropropane
Concen: 3.952 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

Instrument :
MSVOA_U
ClientSampled :

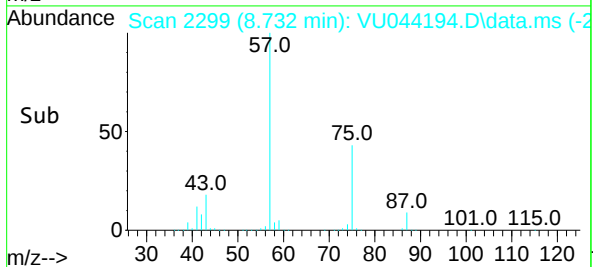
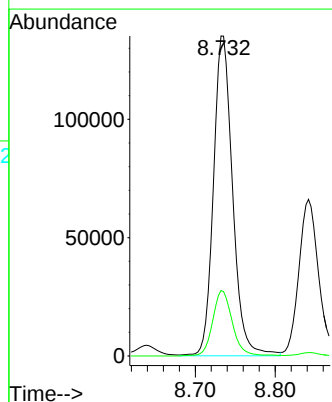
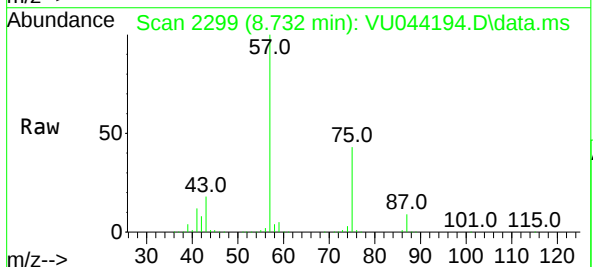
Tgt Ion: 76 Resp: 17647
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

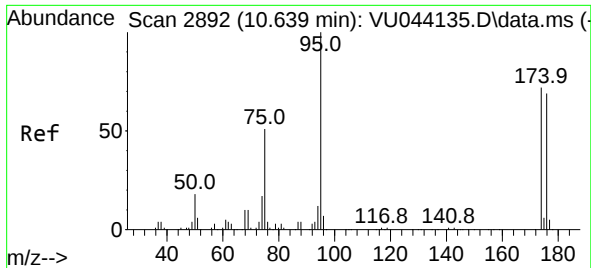


#59

2-Hexanone
Concen: 67.134 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.038 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

Tgt Ion: 43 Resp: 224796
Ion Ratio Lower Upper
43 100
58 20.8 30.0 90.1#

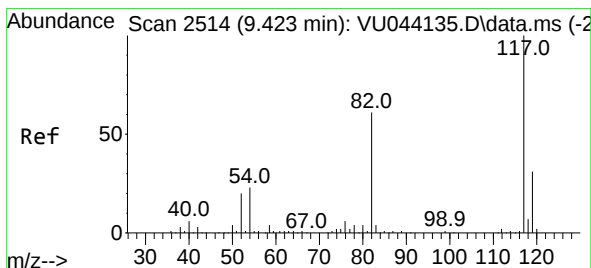
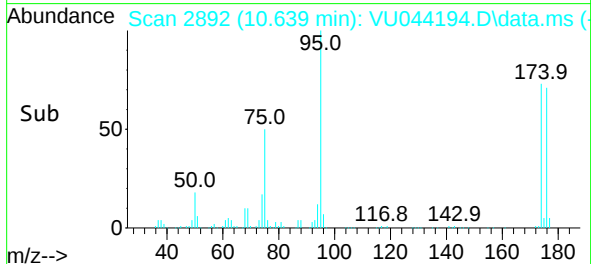
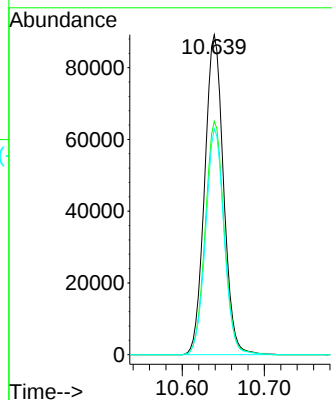
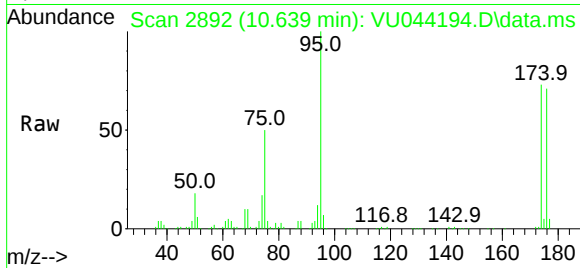




#62
4-Bromofluorobenzene
Concen: 43.363 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

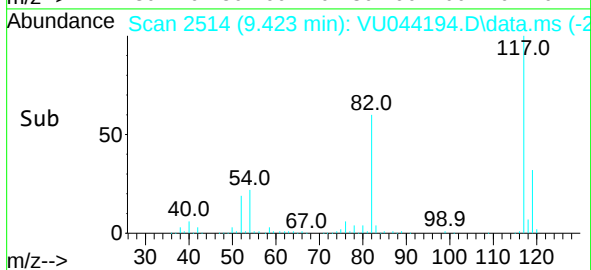
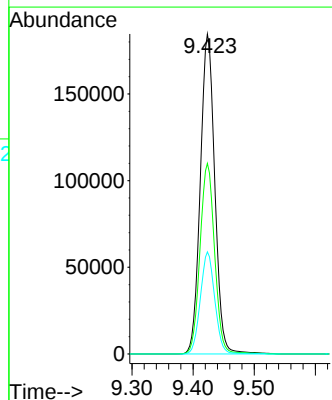
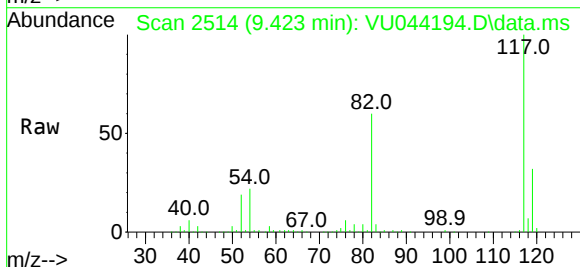
Instrument :
MSVOA_U
ClientSampleId :

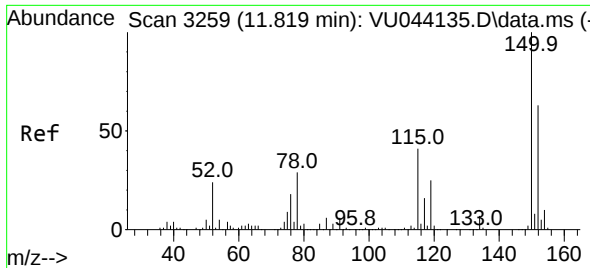
Tgt Ion: 95 Resp: 142376
Ion Ratio Lower Upper
95 100
174 73.2 0.0 144.4
176 69.4 0.0 138.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044194.D
Acq: 14 Jun 2021 20:11

Tgt Ion: 117 Resp: 304198
Ion Ratio Lower Upper
117 100
82 59.5 48.8 73.2
119 31.9 25.0 37.6

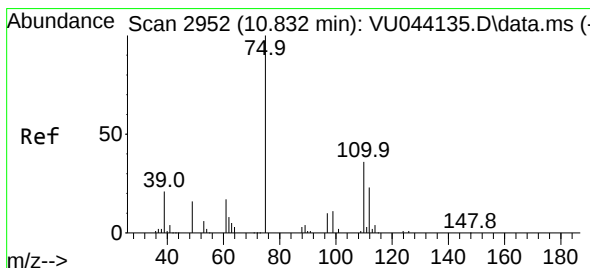
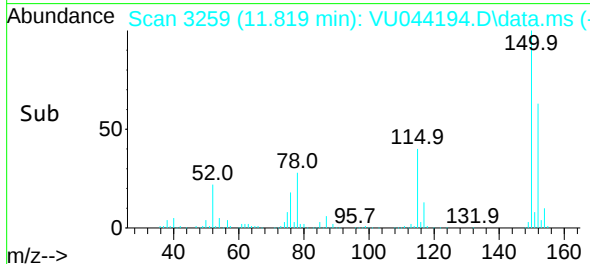
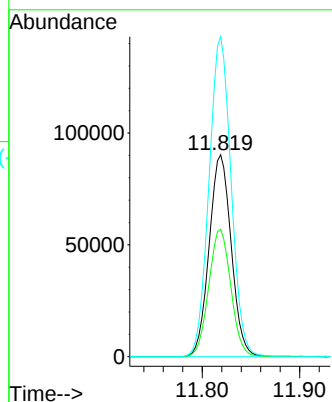
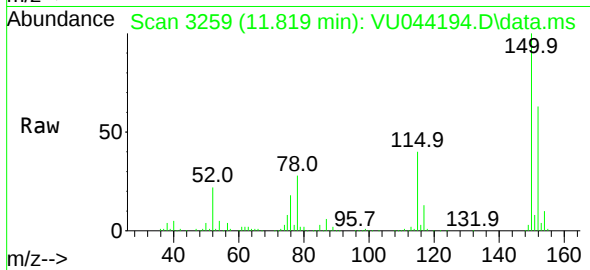




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.000 min
 Lab File: VU044194.D
 Acq: 14 Jun 2021 20:11

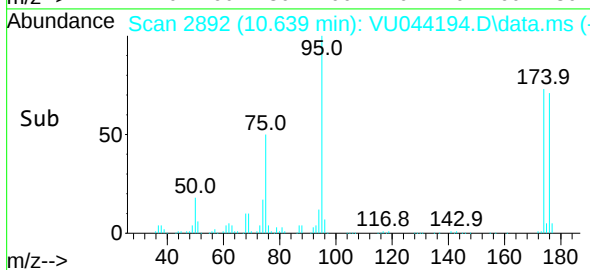
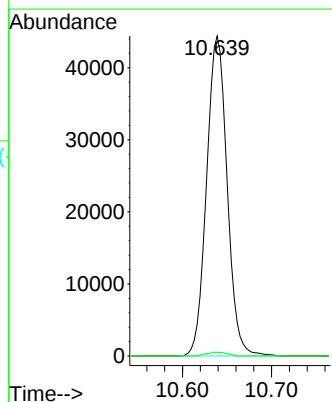
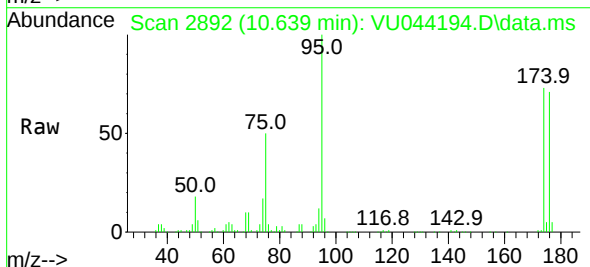
Instrument :
 MSVOA_U
 ClientSampled :

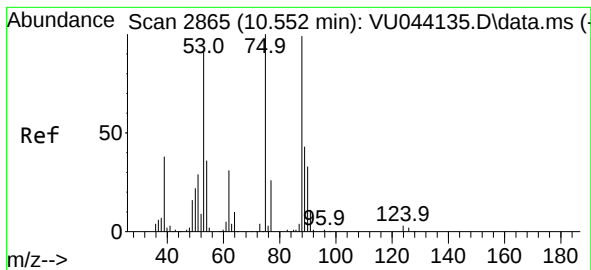
Tgt Ion:152 Resp: 142169
 Ion Ratio Lower Upper
 152 100
 115 63.0 43.8 131.3
 150 158.4 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 14.915 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044194.D
 Acq: 14 Jun 2021 20:11

Tgt Ion: 75 Resp: 71097
 Ion Ratio Lower Upper
 75 100
 77 1.2 14.9 44.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 54.069 ug/l

RT: 10.639 min Scan# 2892

Delta R.T. 0.087 min

Lab File: VU044194.D

Acq: 14 Jun 2021 20:11

Tgt Ion: 75 Resp: 71097

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.2#

89 0.0 35.0 52.6#

