

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044212.D
 Acq On : 15 Jun 2021 03:57
 Operator : SY/MD
 Sample : M2687-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 05:01:46 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)

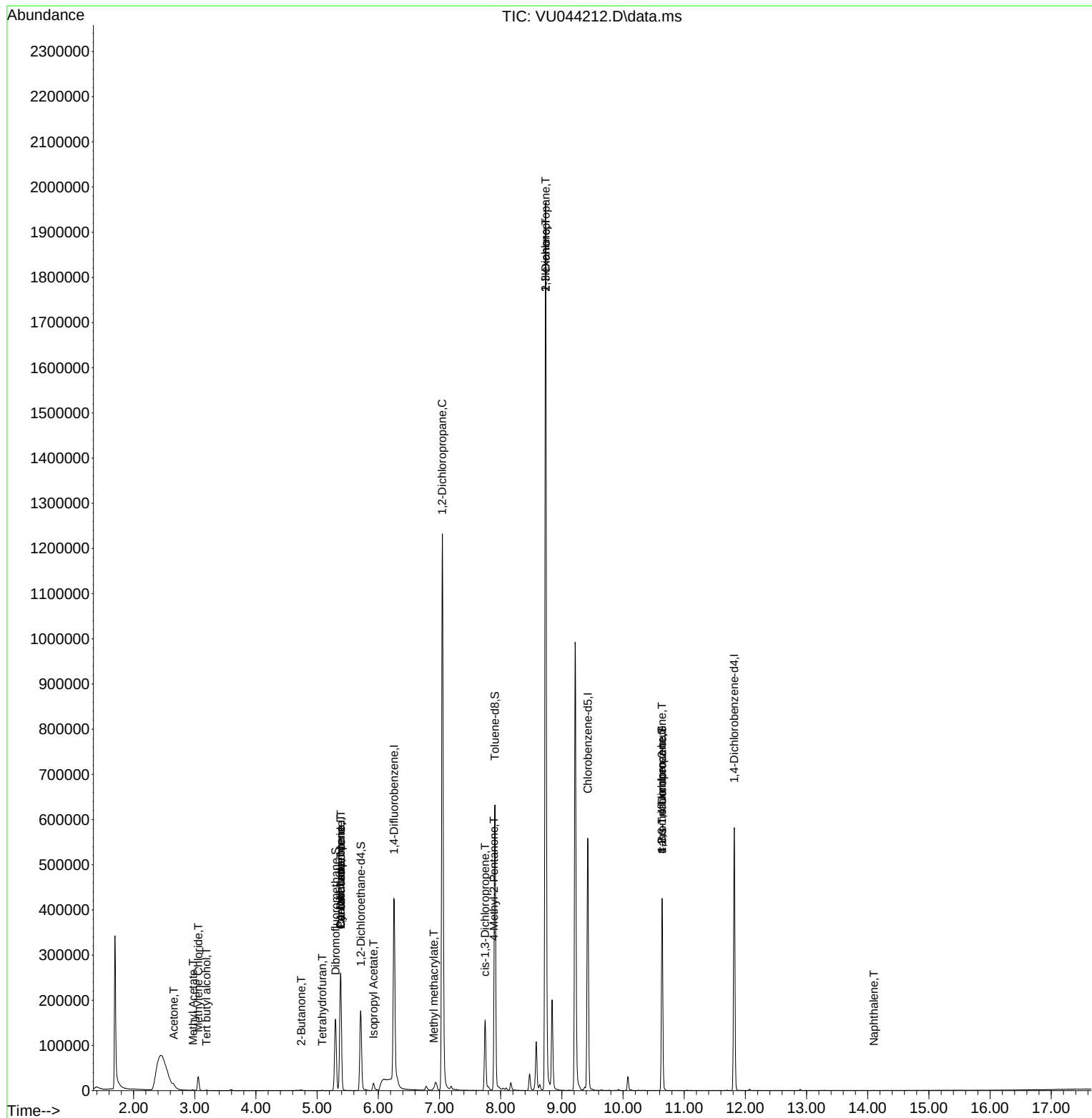
Internal Standards						
1) Pentafluorobenzene	5.385	168	174559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	318118	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	310287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	147426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	132363	47.682	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.360%	
35) Dibromofluoromethane	5.301	113	103483	46.763	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.520%	
50) Toluene-d8	7.906	98	407781	47.982	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.960%	
62) 4-Bromofluorobenzene	10.639	95	143895	42.250	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	226	Below Cal	#	41
6) Chloroethane	1.935	64	304	Below Cal	#	42
11) Tert butyl alcohol	3.189	59	573	0.767	ug/l #	73
13) Acrolein	2.498	56	255	Below Cal	#	25
16) Acetone	2.655	43	14877	8.309	ug/l #	84
18) Methyl Acetate	2.973	43	1513	0.424	ug/l #	81
20) Methylene Chloride	3.057	84	15233	5.011	ug/l	94
25) 2-Butanone	4.742	43	2905	1.254	ug/l	95
29) Tetrahydrofuran	5.083	42	405	0.322	ug/l #	55
31) Cyclohexane	5.382	56	3609	0.921	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	14875	4.203	ug/l #	46
38) Carbon Tetrachloride	5.385	117	18280	5.721	ug/l #	17
43) Isopropyl Acetate	5.922	43	18866	3.137	ug/l	98
45) 1,2-Dichloropropane	7.044	63	1488	0.522	ug/l #	43
48) Methyl methacrylate	6.906	41	7113	2.431	ug/l #	11
51) 4-Methyl-2-Pentanone	7.890	43	6923	1.591	ug/l	93
54) cis-1,3-Dichloropropene	7.745	75	30474	7.144	ug/l #	65
57) 1,3-Dichloropropane	8.735	76	21745	4.694	ug/l #	42
59) 2-Hexanone	8.735	43	262231	75.498	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	72211	14.609	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.639	75	72211	52.958	ug/l #	13
95) Naphthalene	14.102	128	300	2.863	ug/l #	69

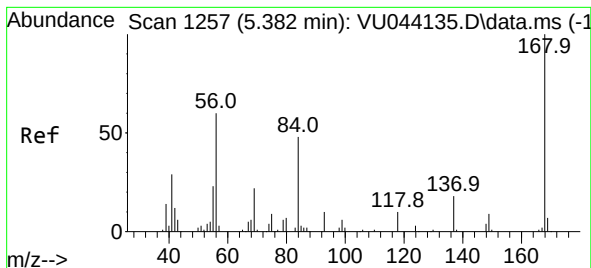
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU044212.D

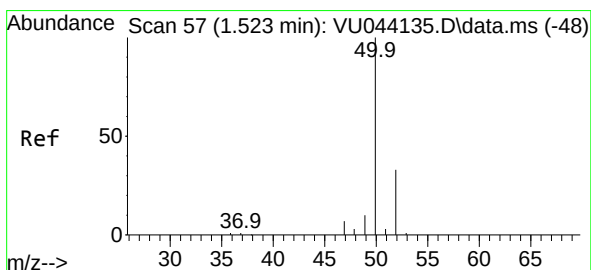
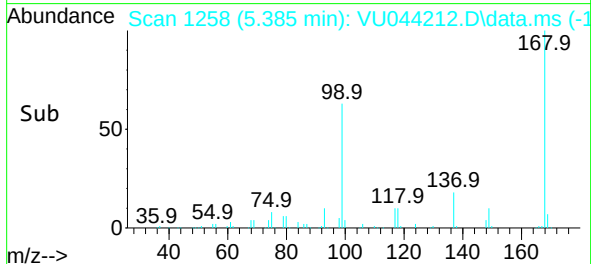
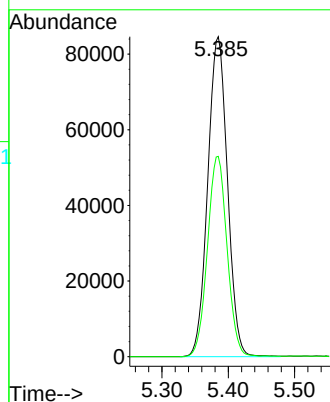
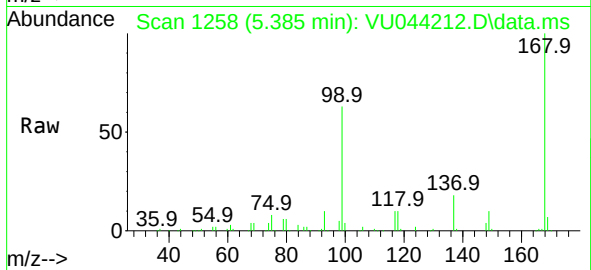
Acq: 15 Jun 2021 03:57

Tgt Ion:168 Resp: 174559

Ion Ratio Lower Upper

168 100

99 62.6 51.3 76.9



#3

Chloromethane

Concen: Below Cal

RT: 1.523 min Scan# 57

Delta R.T. 0.000 min

Lab File: VU044212.D

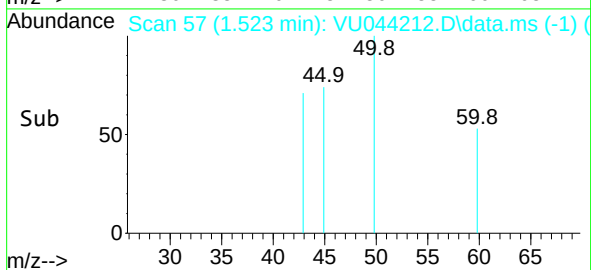
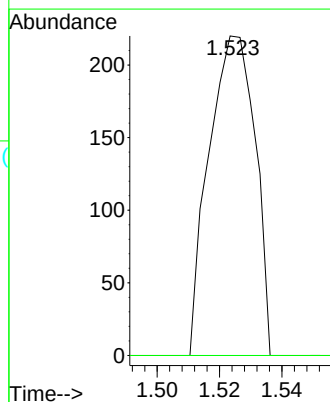
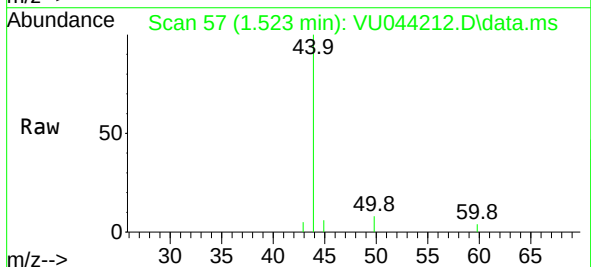
Acq: 15 Jun 2021 03:57

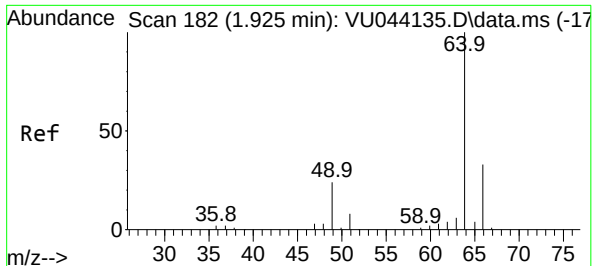
Tgt Ion: 50 Resp: 226

Ion Ratio Lower Upper

50 100

52 0.0 26.6 39.8#

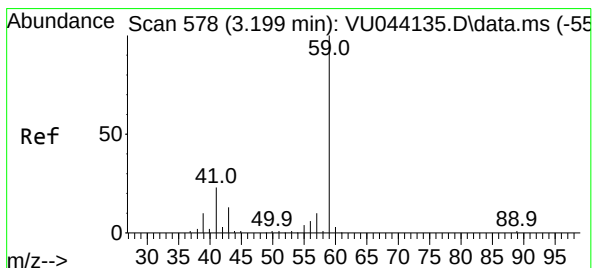
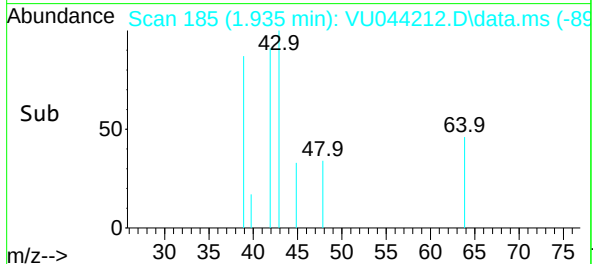
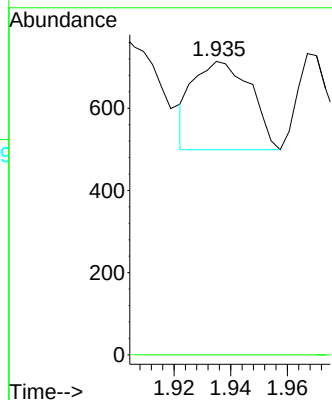
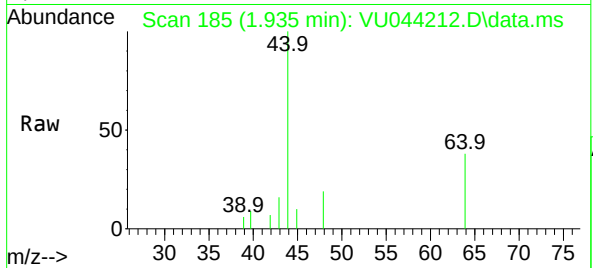




#6
Chloroethane
Concen: Below Cal
RT: 1.935 min Scan# 185
Delta R.T. 0.010 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

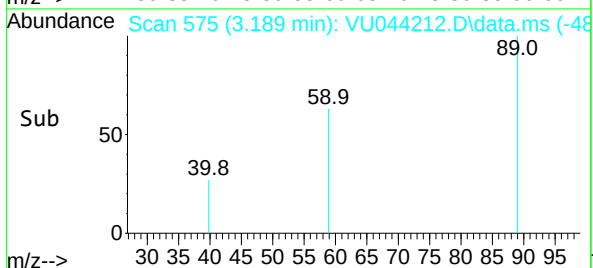
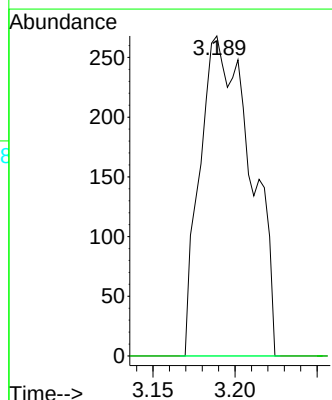
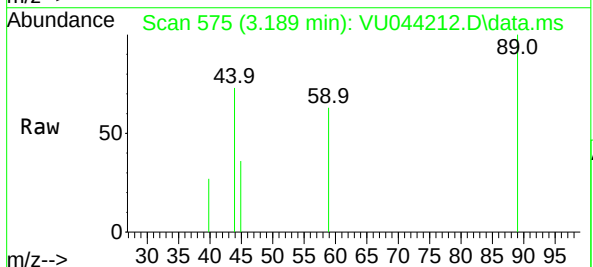
Instrument :
MSVOA_U
ClientSampleId :

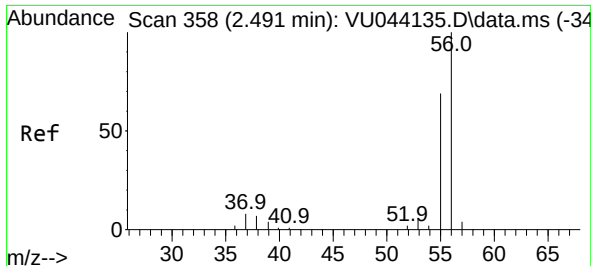
Tgt Ion: 64 Resp: 304
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#11
Tert butyl alcohol
Concen: 0.767 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.010 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

Tgt Ion: 59 Resp: 573
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

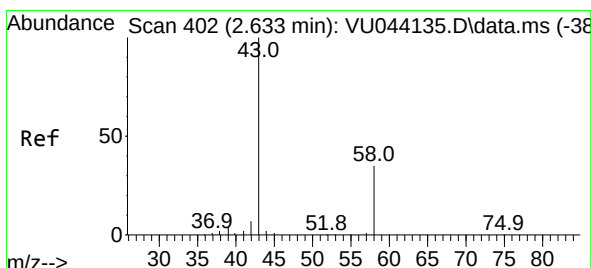
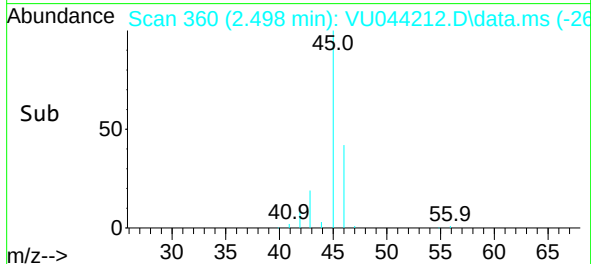
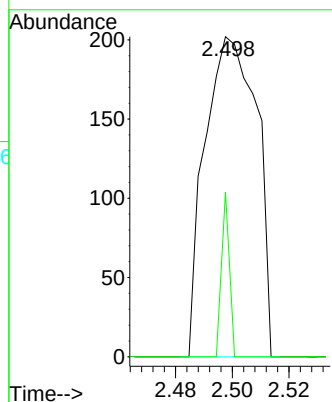
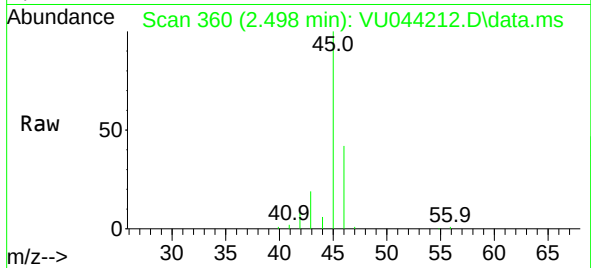




#13
Acrolein
Concen: Below Cal
RT: 2.498 min Scan# 360
Delta R.T. 0.007 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

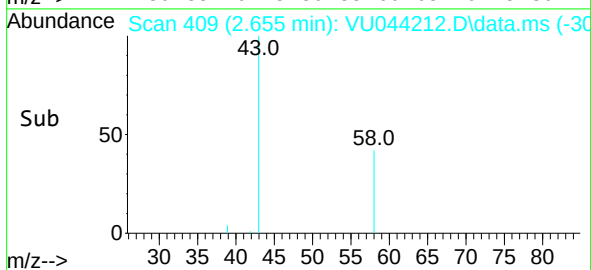
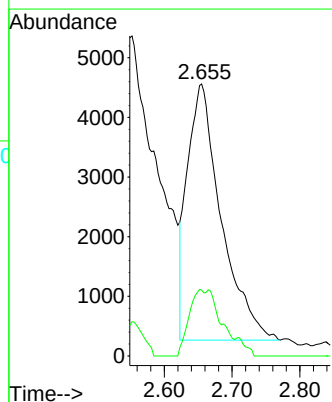
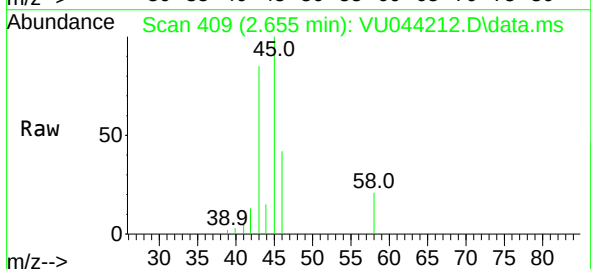
Instrument :
MSVOA_U
ClientSampled :

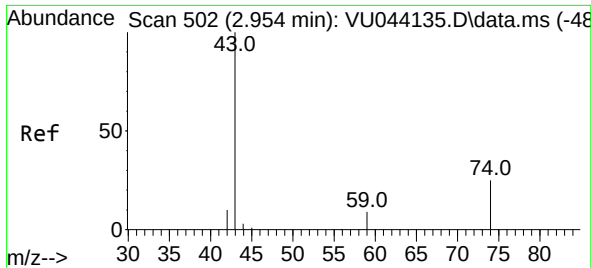
Tgt Ion: 56 Resp: 255
Ion Ratio Lower Upper
56 100
55 7.8 55.1 82.7#



#16
Acetone
Concen: 8.309 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.022 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

Tgt Ion: 43 Resp: 14877
Ion Ratio Lower Upper
43 100
58 25.8 28.0 42.0#

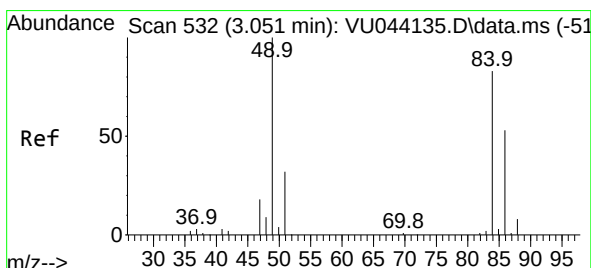
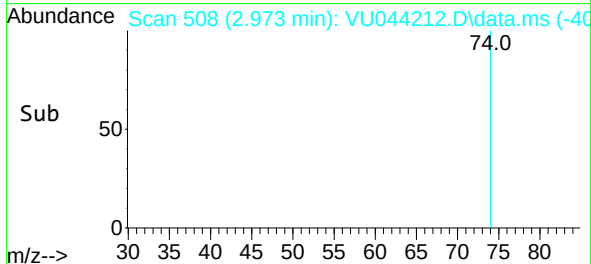
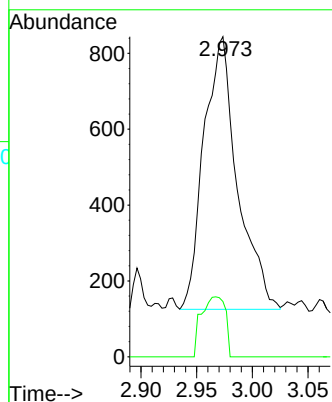
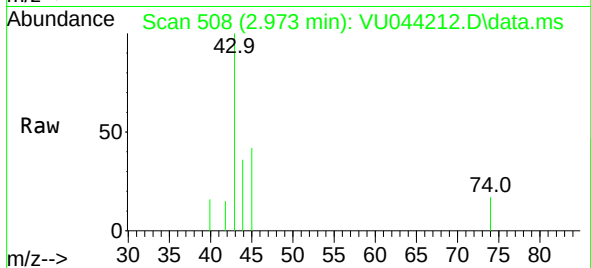




#18
Methyl Acetate
Concen: 0.424 ug/l
RT: 2.973 min Scan# 508
Delta R.T. 0.019 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

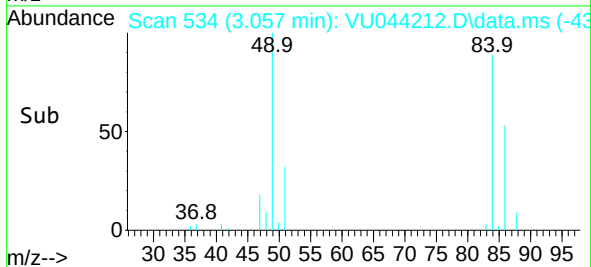
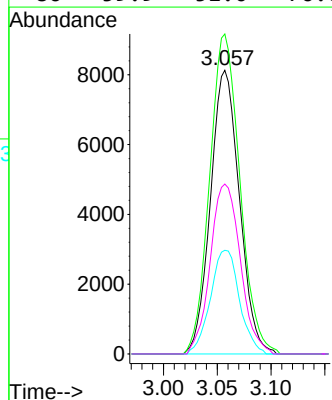
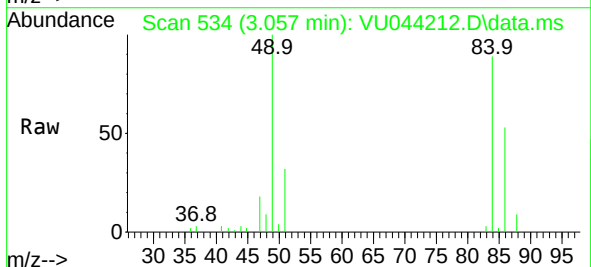
Instrument :
MSVOA_U
ClientSampleId :

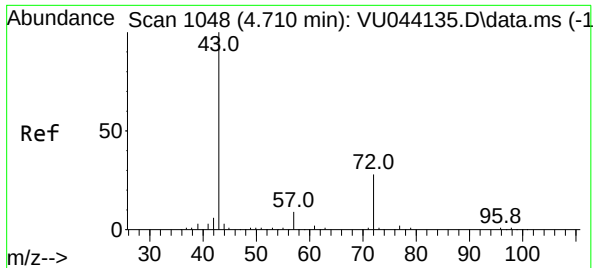
Tgt Ion: 43 Resp: 1513
Ion Ratio Lower Upper
43 100
74 15.7 20.3 30.5#



#20
Methylene Chloride
Concen: 5.011 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

Tgt Ion: 84 Resp: 15233
Ion Ratio Lower Upper
84 100
49 112.8 96.9 145.3
51 36.5 31.0 46.6
86 59.9 51.0 76.6

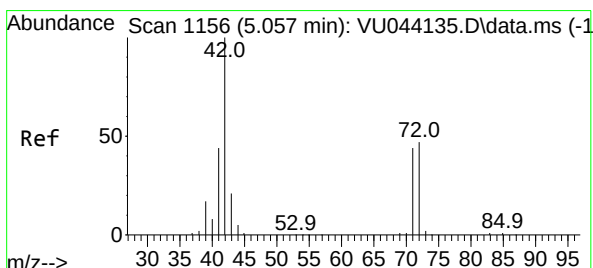
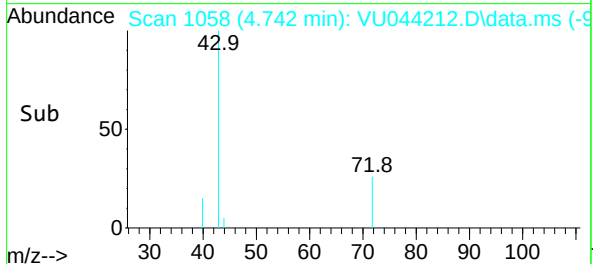
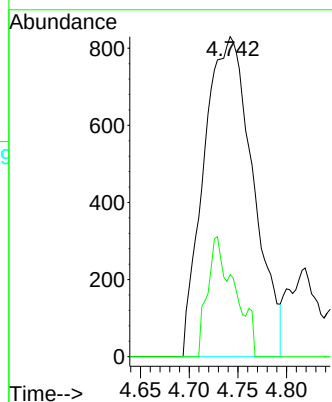
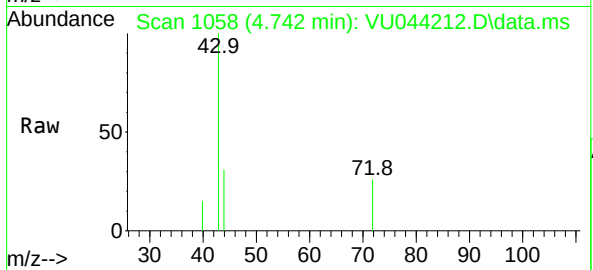




#25
2-Butanone
Concen: 1.254 ug/l
RT: 4.742 min Scan# 1058
Delta R.T. 0.032 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

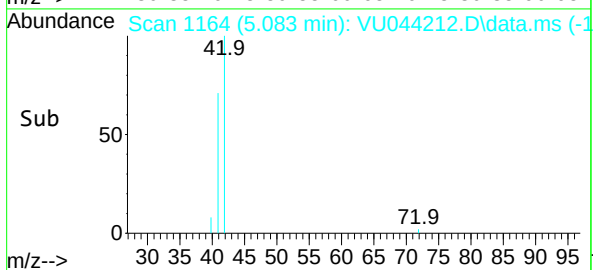
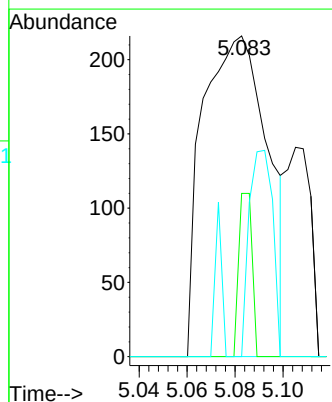
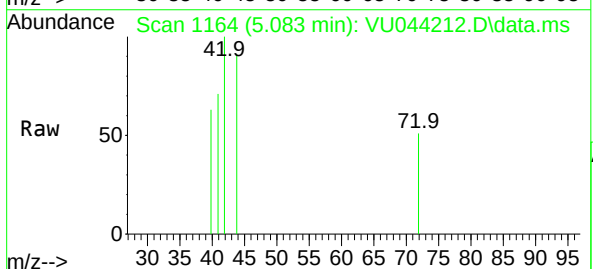
Instrument :
MSVOA_U
ClientSampled :

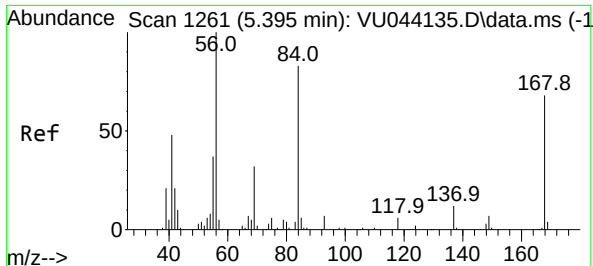
Tgt Ion: 43 Resp: 2905
Ion Ratio Lower Upper
43 100
72 25.7 22.6 33.8



#29
Tetrahydrofuran
Concen: 0.322 ug/l
RT: 5.083 min Scan# 1164
Delta R.T. 0.026 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

Tgt Ion: 42 Resp: 405
Ion Ratio Lower Upper
42 100
72 10.4 38.6 57.8#
71 23.2 35.5 53.3#

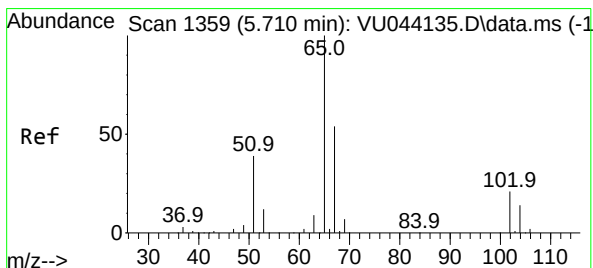
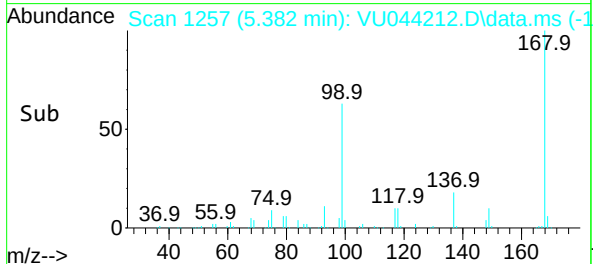
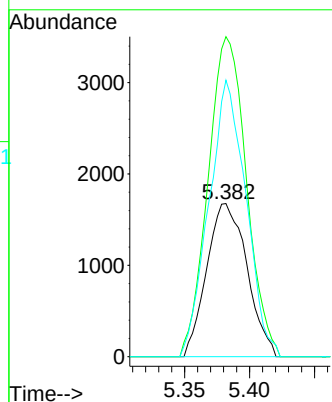
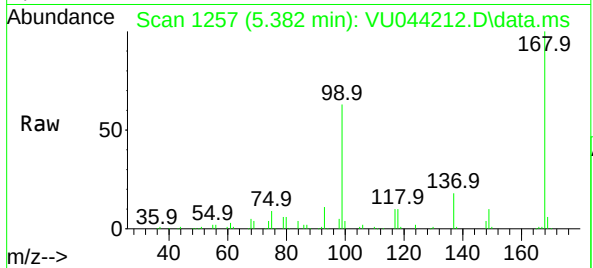




#31
Cyclohexane
Concen: 0.921 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

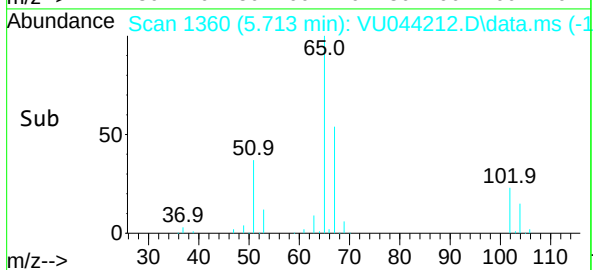
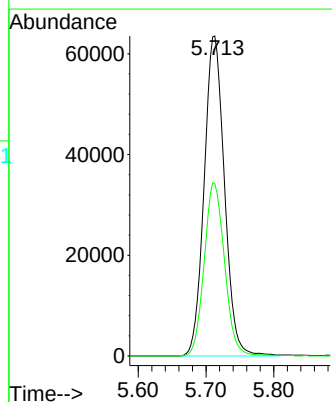
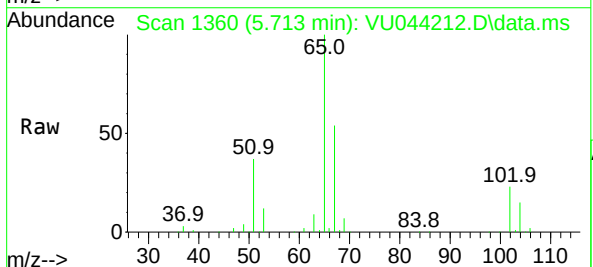
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MSVOA_U
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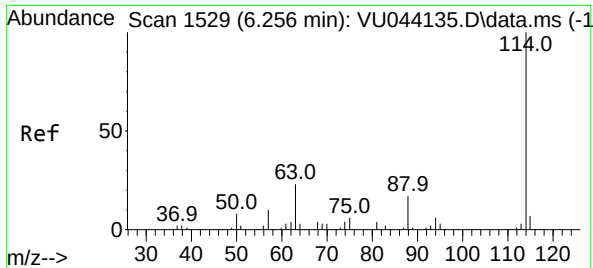
Tgt Ion: 56 Resp: 3609
Ion Ratio Lower Upper
56 100
69 209.0 25.5 38.3#
84 180.6 66.3 99.5#



#33
1,2-Dichloroethane-d4
Concen: 47.682 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

Tgt Ion: 65 Resp: 132363
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.6

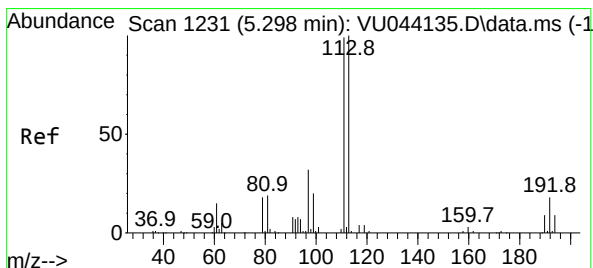
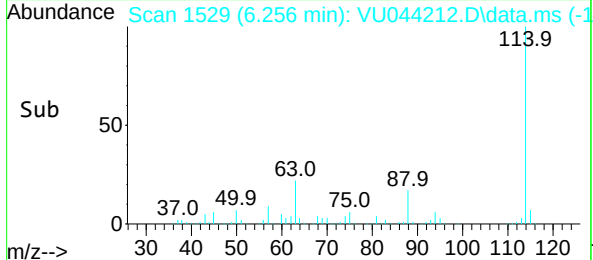
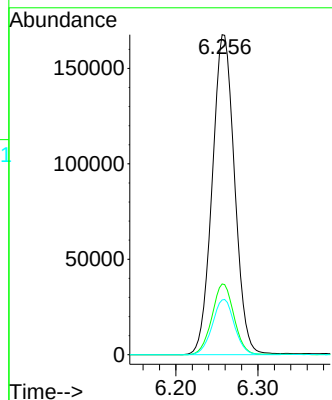
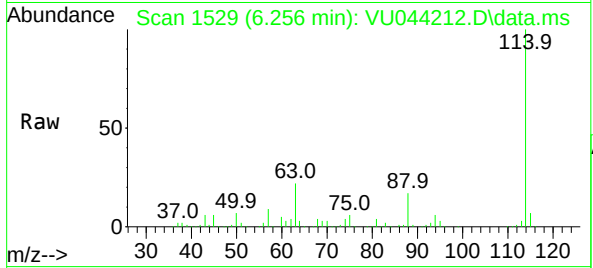




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

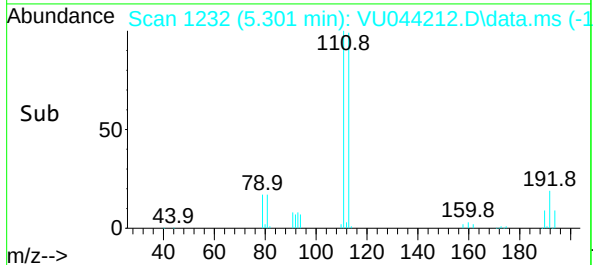
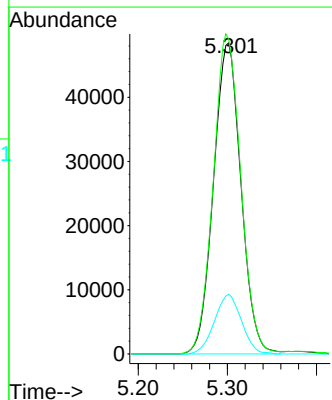
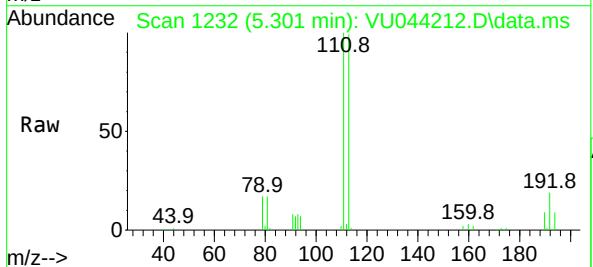
Instrument :
MSVOA_U
ClientSampleId :

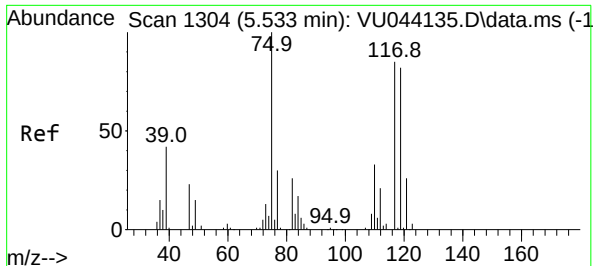
Tgt Ion:114 Resp: 318118
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.8
88 17.1 0.0 34.0



#35
Dibromofluoromethane
Concen: 46.763 ug/l
RT: 5.301 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

Tgt Ion:113 Resp: 103483
Ion Ratio Lower Upper
113 100
111 103.3 81.0 121.4
192 18.9 14.3 21.5



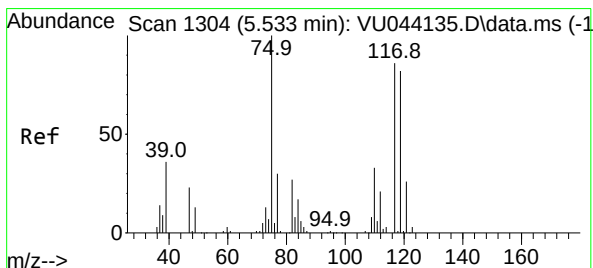
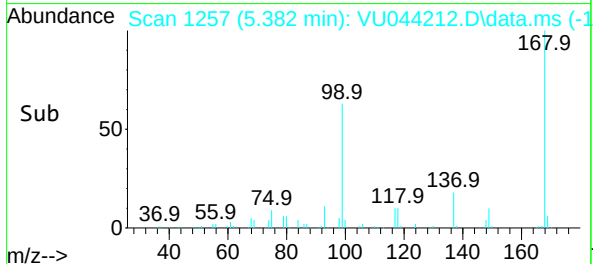
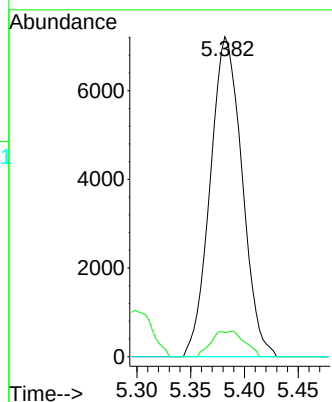
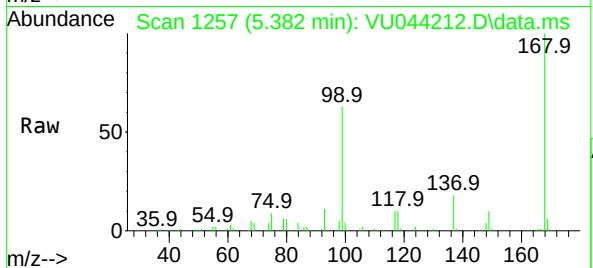


#36

1,1-Dichloropropene
Concen: 4.203 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

Instrument :
MSVOA_U
ClientSampleId :

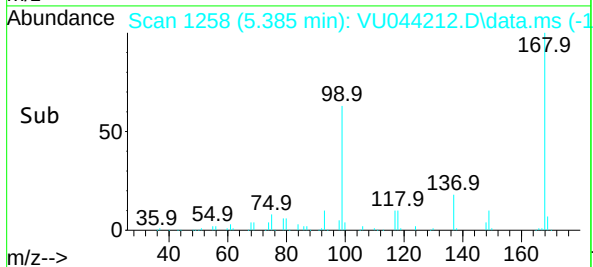
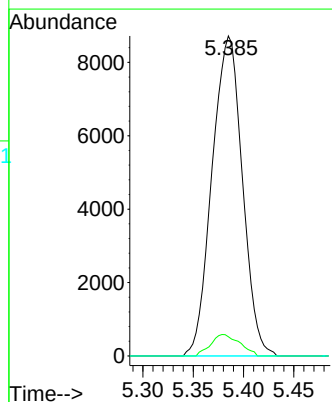
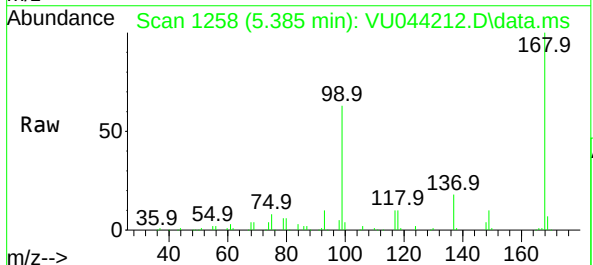
Tgt Ion: 75 Resp: 14875
Ion Ratio Lower Upper
75 100
110 3.8 16.4 49.4#
77 0.0 24.7 37.1#

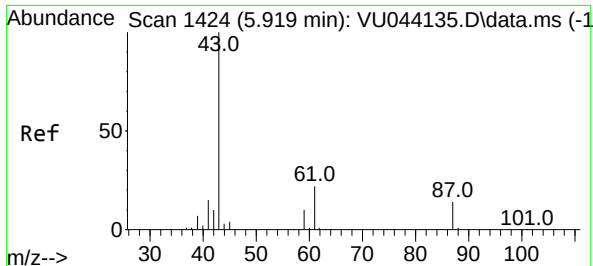


#38

Carbon Tetrachloride
Concen: 5.721 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

Tgt Ion: 117 Resp: 18280
Ion Ratio Lower Upper
117 100
119 6.0 76.6 114.8#
121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 3.137 ug/l

RT: 5.922 min Scan# 1425

Delta R.T. 0.003 min

Lab File: VU044212.D

Acq: 15 Jun 2021 03:57

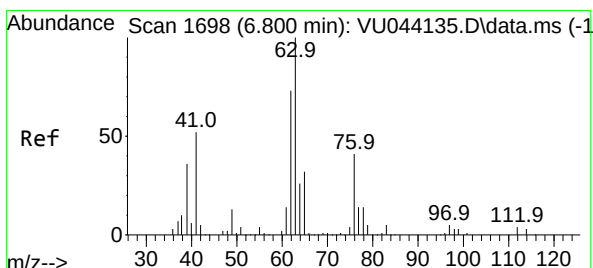
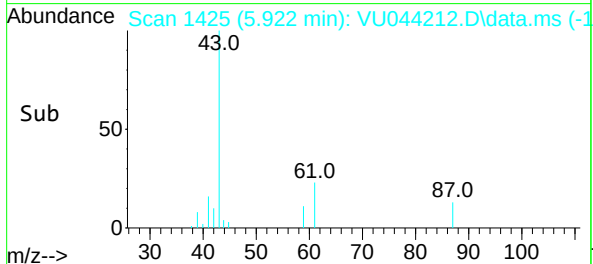
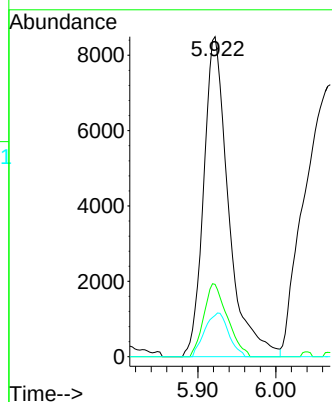
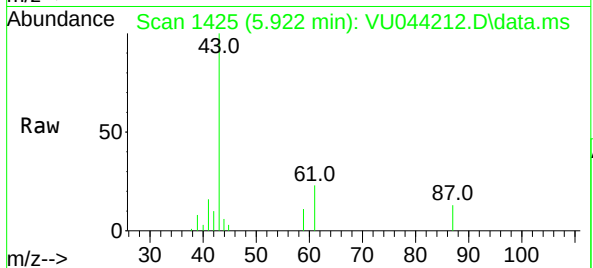
Tgt Ion: 43 Resp: 18866

Ion Ratio Lower Upper

43 100

61 21.6 17.8 26.8

87 13.0 11.1 16.7



#45

1,2-Dichloropropane

Concen: 0.522 ug/l

RT: 7.044 min Scan# 1774

Delta R.T. 0.244 min

Lab File: VU044212.D

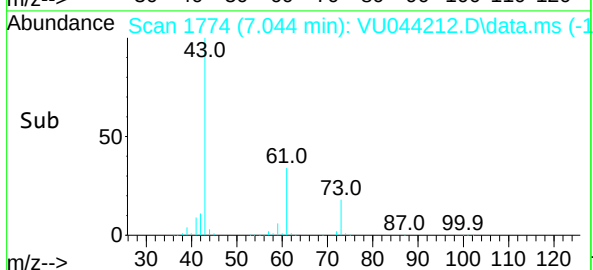
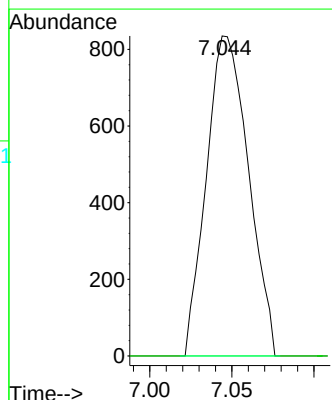
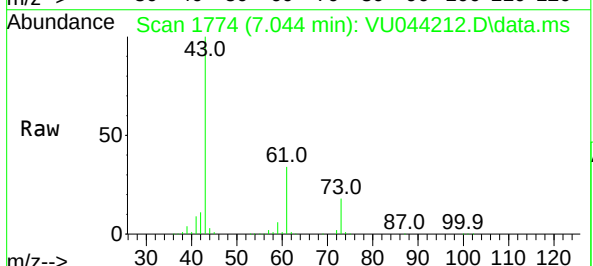
Acq: 15 Jun 2021 03:57

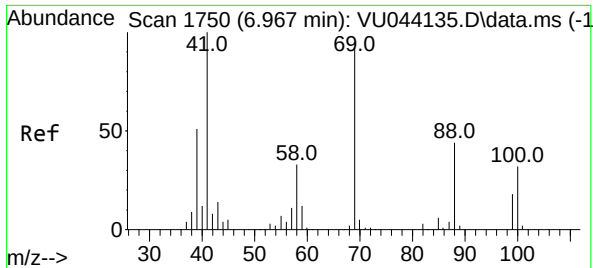
Tgt Ion: 63 Resp: 1488

Ion Ratio Lower Upper

63 100

65 0.0 25.7 38.5#

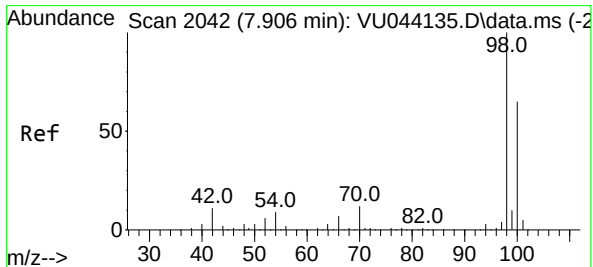
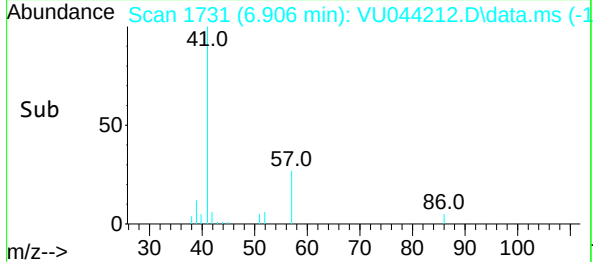
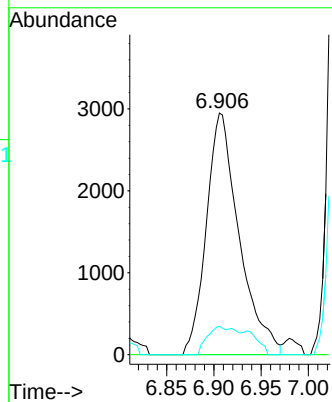
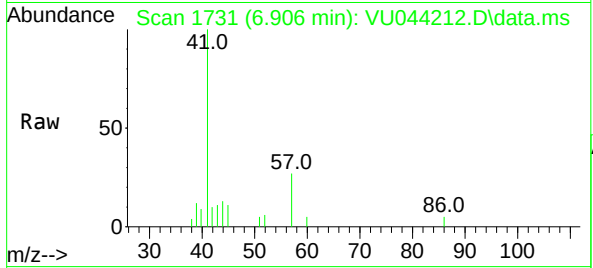




#48
Methyl methacrylate
Concen: 2.431 ug/l
RT: 6.906 min Scan# 1731
Delta R.T. -0.061 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

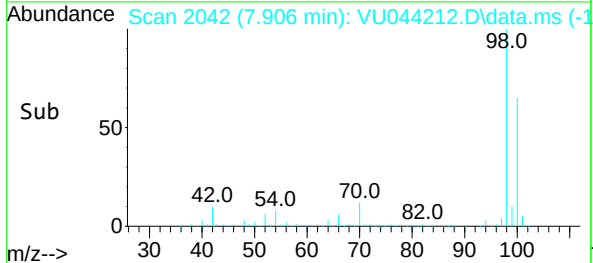
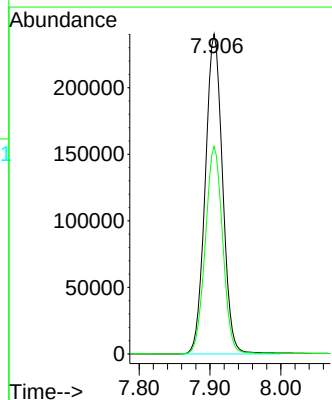
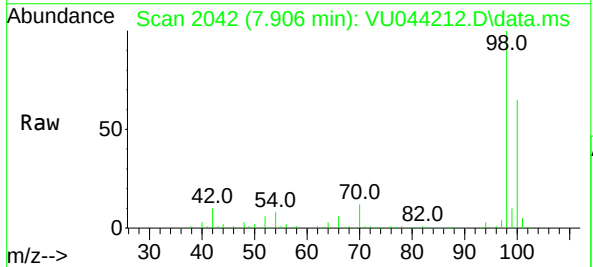
Instrument :
MSVOA_U
ClientSampleId :

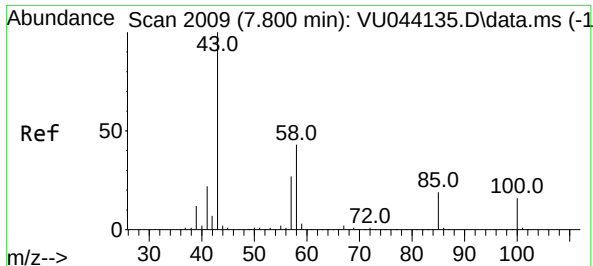
Tgt Ion: 41 Resp: 7113
Ion Ratio Lower Upper
41 100
69 0.0 74.0 111.0#
39 0.0 41.5 62.3#



#50
Toluene-d8
Concen: 47.982 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

Tgt Ion: 98 Resp: 407781
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 1.591 ug/l

RT: 7.890 min Scan# 2037

Delta R.T. 0.090 min

Lab File: VU044212.D

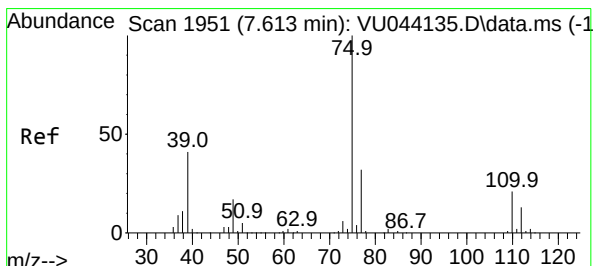
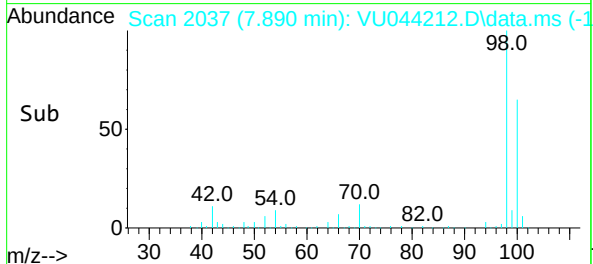
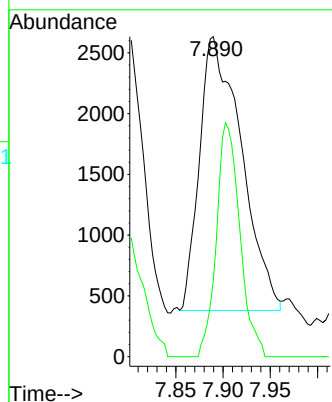
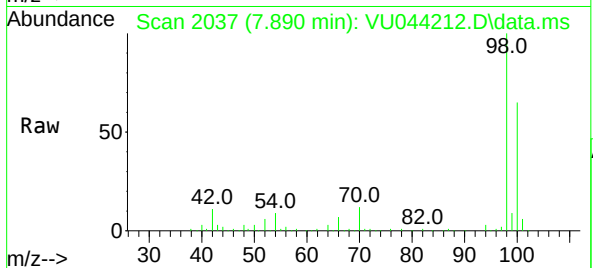
Acq: 15 Jun 2021 03:57

Tgt Ion: 43 Resp: 6923

Ion Ratio Lower Upper

43 100

58 47.9 34.5 51.7



#54

cis-1,3-Dichloropropene

Concen: 7.144 ug/l

RT: 7.745 min Scan# 1992

Delta R.T. 0.132 min

Lab File: VU044212.D

Acq: 15 Jun 2021 03:57

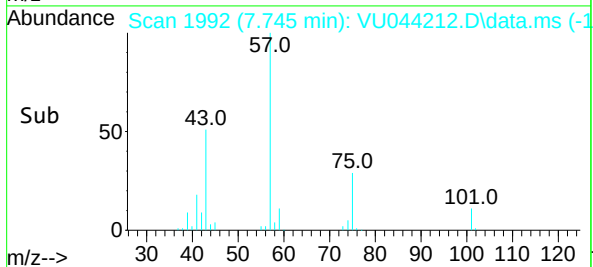
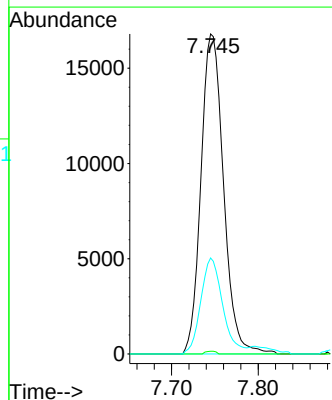
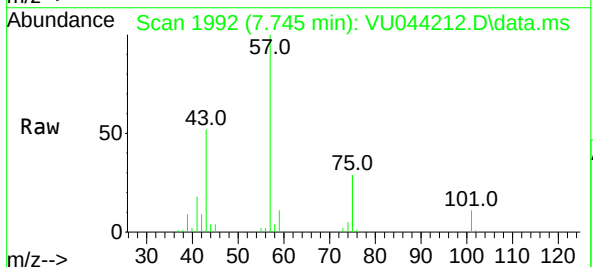
Tgt Ion: 75 Resp: 30474

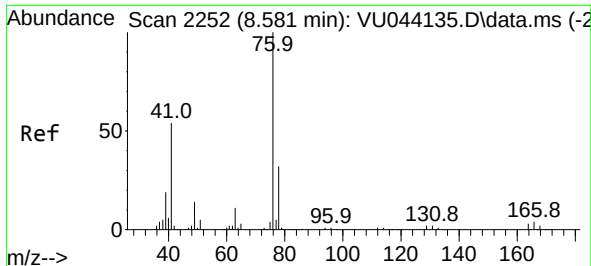
Ion Ratio Lower Upper

75 100

77 0.8 25.9 38.9#

39 30.0 33.2 49.8#



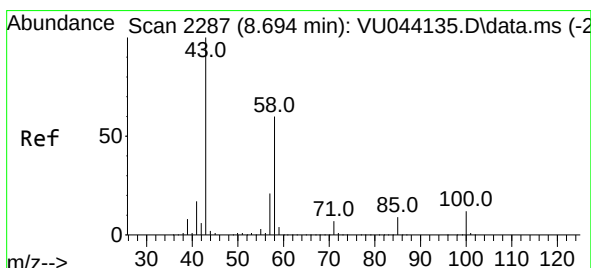
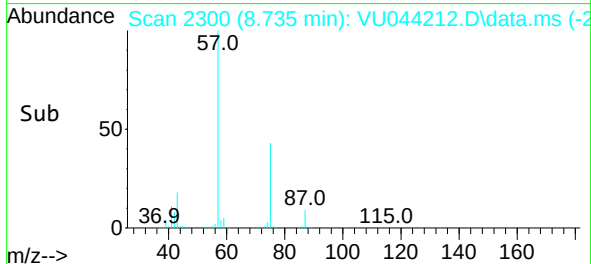
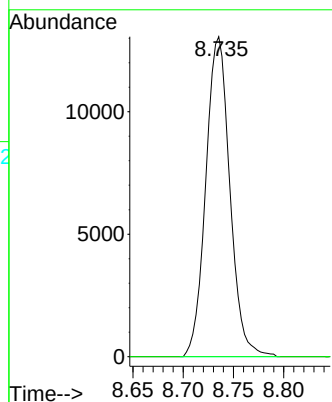
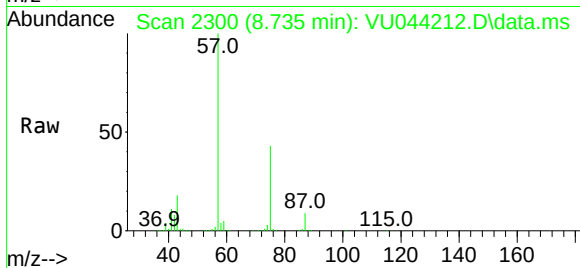


#57

1,3-Dichloropropane
Concen: 4.694 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.154 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

Instrument :
MSVOA_U
ClientSampled :

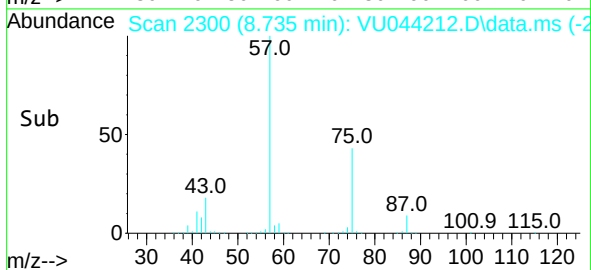
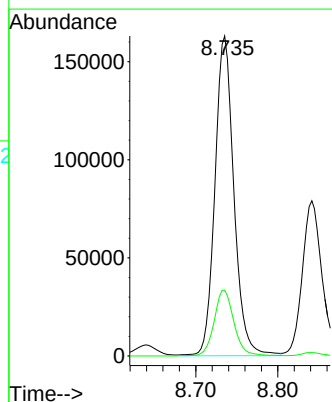
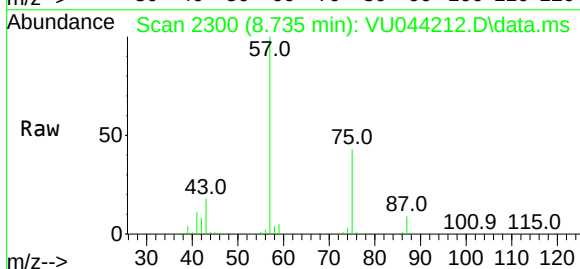
Tgt Ion: 76 Resp: 21745
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

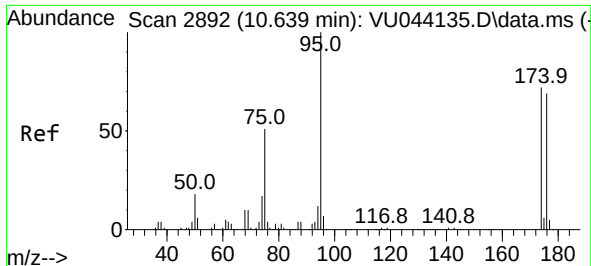


#59

2-Hexanone
Concen: 75.498 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.041 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

Tgt Ion: 43 Resp: 262231
Ion Ratio Lower Upper
43 100
58 21.6 30.0 90.1#

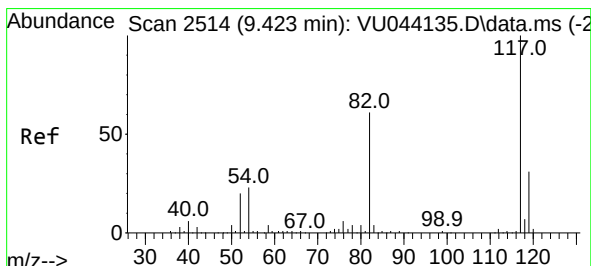
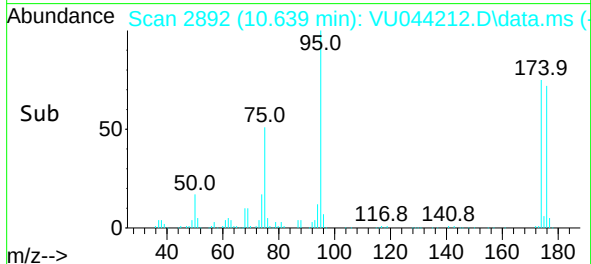
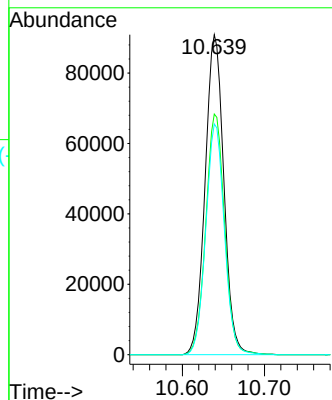
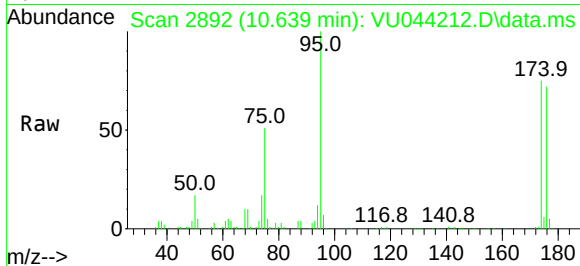




#62
4-Bromofluorobenzene
Concen: 42.250 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

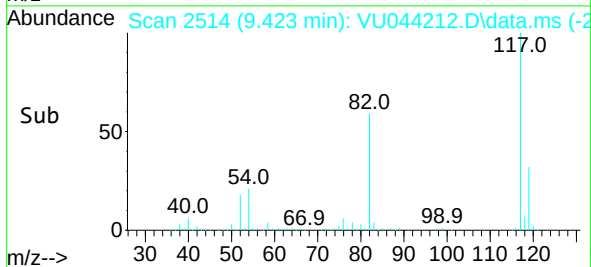
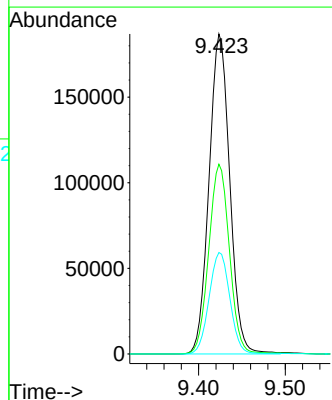
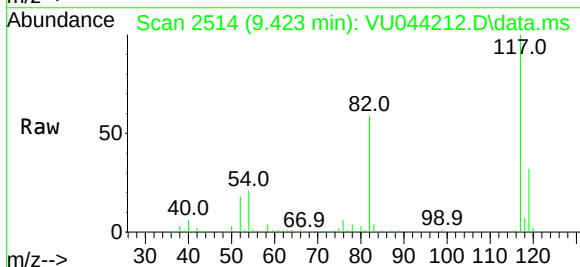
Instrument :
MSVOA_U
ClientSampleId :

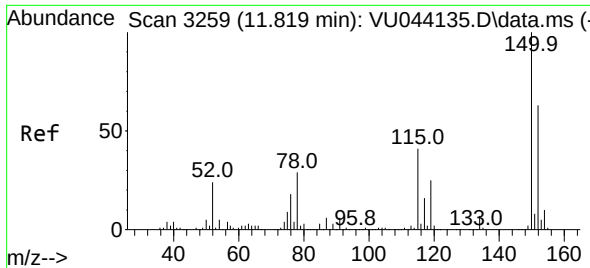
Tgt Ion: 95 Resp: 143895
Ion Ratio Lower Upper
95 100
174 75.8 0.0 144.4
176 71.8 0.0 138.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

Tgt Ion: 117 Resp: 310287
Ion Ratio Lower Upper
117 100
82 59.2 48.8 73.2
119 31.7 25.0 37.6

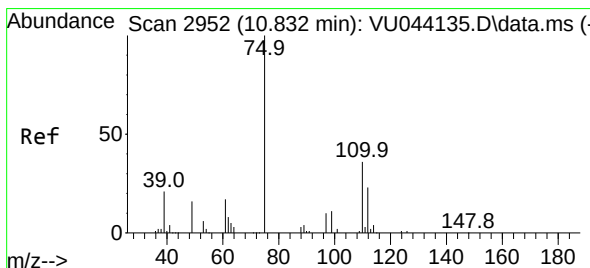
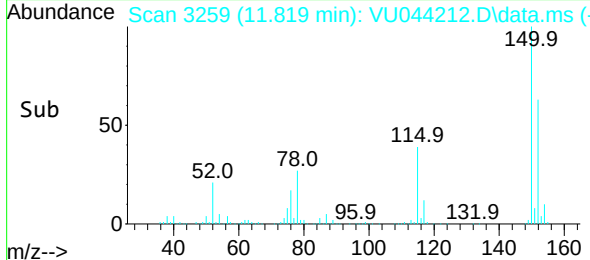
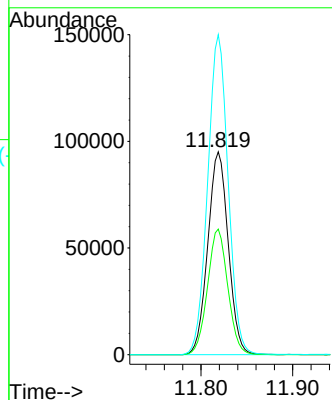
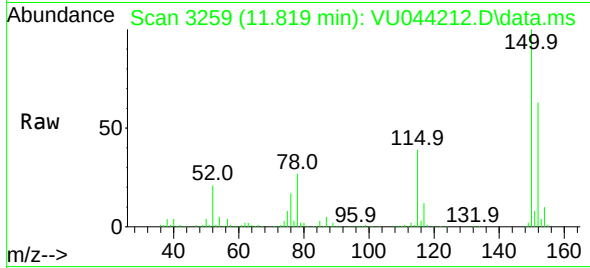




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU044212.D
 Acq: 15 Jun 2021 03:57

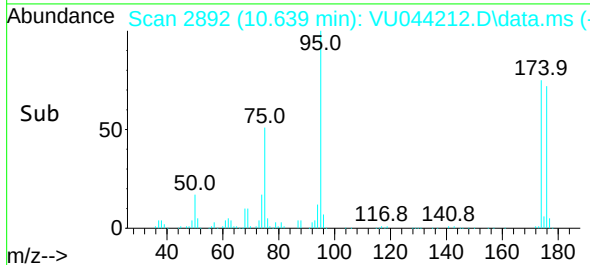
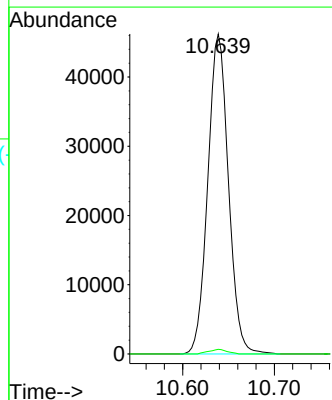
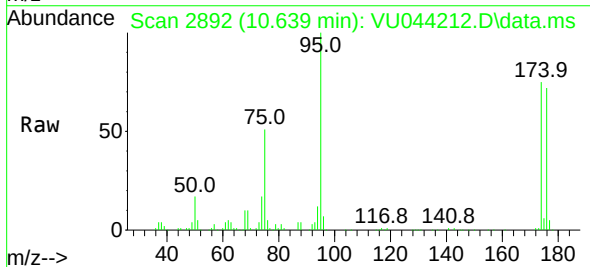
Instrument :
 MSVOA_U
 ClientSampled :

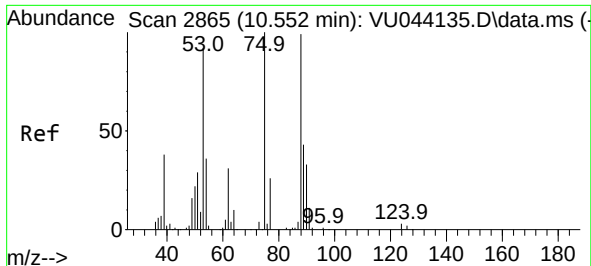
Tgt Ion:152 Resp: 147426
 Ion Ratio Lower Upper
 152 100
 115 61.4 43.8 131.3
 150 157.5 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 14.609 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044212.D
 Acq: 15 Jun 2021 03:57

Tgt Ion: 75 Resp: 72211
 Ion Ratio Lower Upper
 75 100
 77 1.3 14.9 44.5#

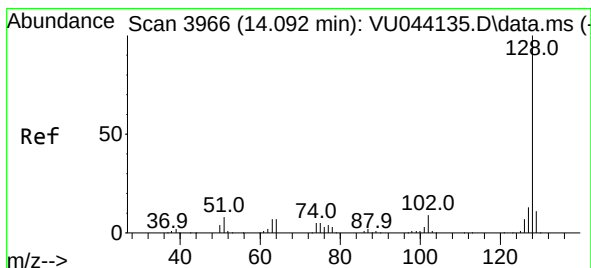
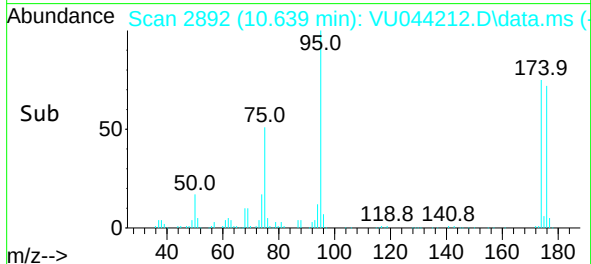
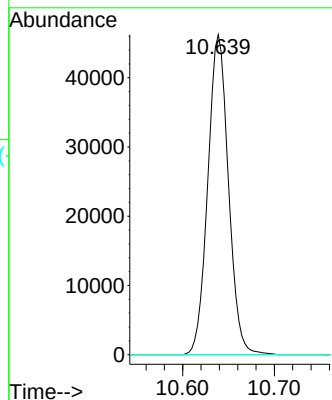
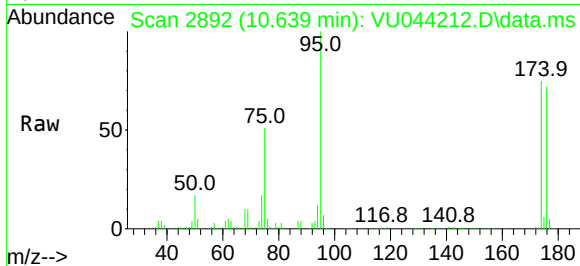




#81
trans-1,4-Dichloro-2-butene
Concen: 52.958 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 72211
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#



#95
Naphthalene
Concen: 2.863 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.010 min
Lab File: VU044212.D
Acq: 15 Jun 2021 03:57

Tgt Ion:128 Resp: 300
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

