

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061421\
 Data File : VU044186.D
 Acq On : 14 Jun 2021 17:05
 Operator : SY/MD
 Sample : M2672-30
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 02:47:27 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)

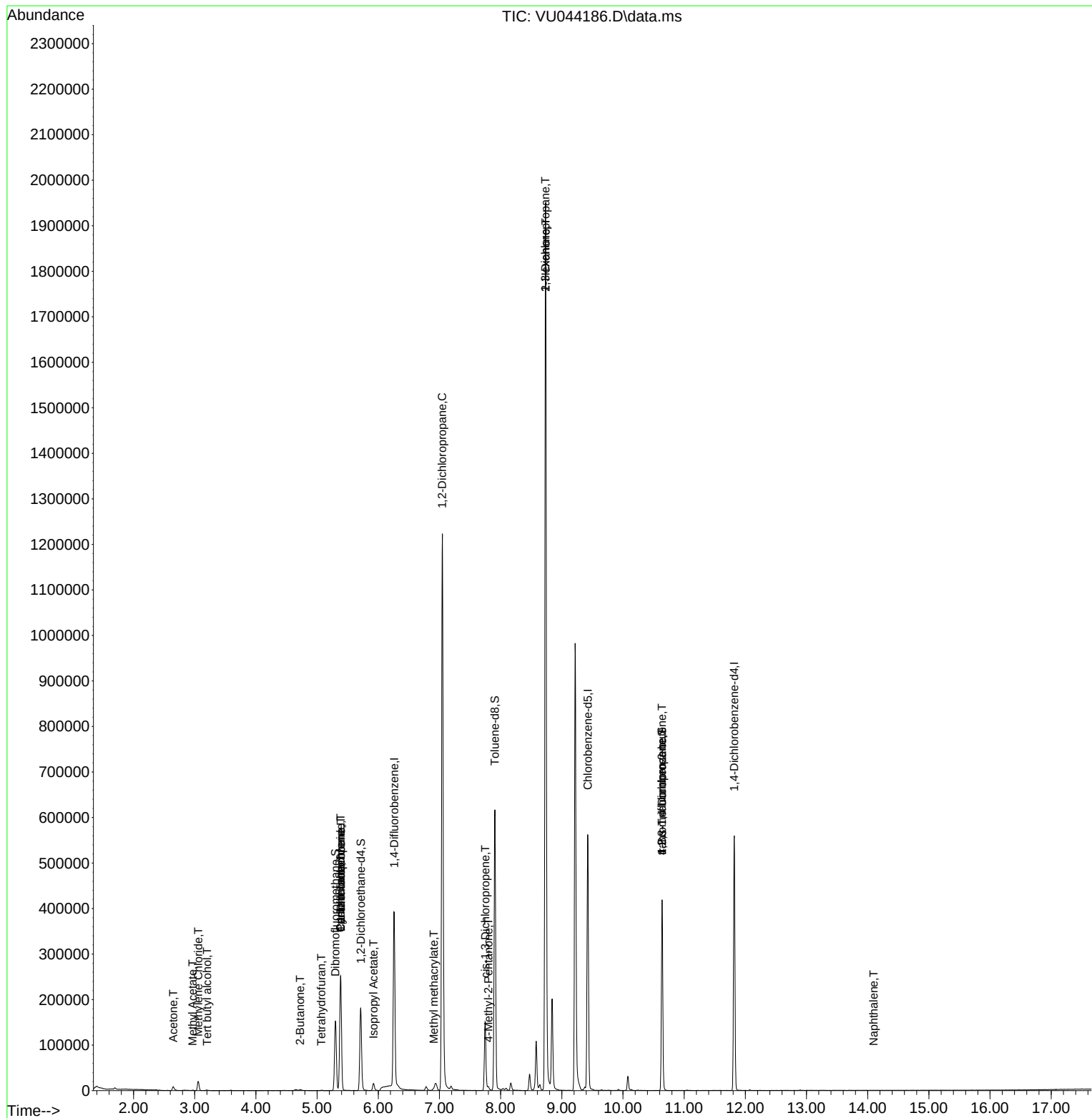
Internal Standards						
1) Pentafluorobenzene	5.385	168	164082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.260	114	299057	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	301925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	141049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	135008	51.741	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.480%	
35) Dibromofluoromethane	5.298	113	100194	48.163	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.320%	
50) Toluene-d8	7.906	98	400108	50.080	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.160%	
62) 4-Bromofluorobenzene	10.639	95	141031	44.048	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.524	50	284	Below Cal	#	41
6) Chloroethane	1.935	64	105	Below Cal	#	42
11) Tert butyl alcohol	3.202	59	1015	1.446	ug/l #	73
16) Acetone	2.649	43	12747	7.383	ug/l	100
18) Methyl Acetate	2.964	43	1317	0.392	ug/l #	56
20) Methylene Chloride	3.057	84	10118	3.180	ug/l	96
25) 2-Butanone	4.720	43	4057	1.863	ug/l #	89
29) Tetrahydrofuran	5.070	42	667	0.563	ug/l #	67
31) Cyclohexane	5.382	56	3860	1.048	ug/l #	1
36) 1,1-Dichloropropene	5.385	75	14735	4.429	ug/l #	50
38) Carbon Tetrachloride	5.382	117	17690	5.889	ug/l #	17
43) Isopropyl Acetate	5.922	43	17387	3.076	ug/l	99
45) 1,2-Dichloropropane	7.044	63	1474	0.550	ug/l #	43
48) Methyl methacrylate	6.906	41	6364	2.313	ug/l #	11
51) 4-Methyl-2-Pentanone	7.800	43	4849	1.185	ug/l	91
54) cis-1,3-Dichloropropene	7.748	75	28678	7.152	ug/l #	64
57) 1,3-Dichloropropane	8.732	76	20925	4.805	ug/l #	42
59) 2-Hexanone	8.735	43	270250	82.766	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	73103	15.458	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.639	75	73103	56.036	ug/l #	13
95) Naphthalene	14.095	128	127	2.848	ug/l #	69

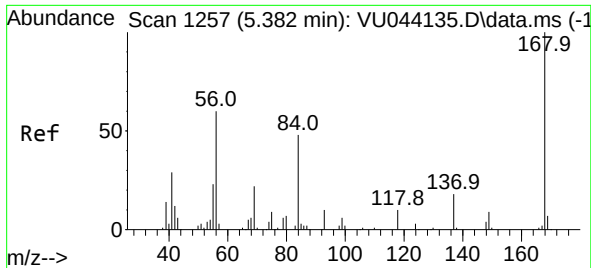
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 15 02:47:27 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

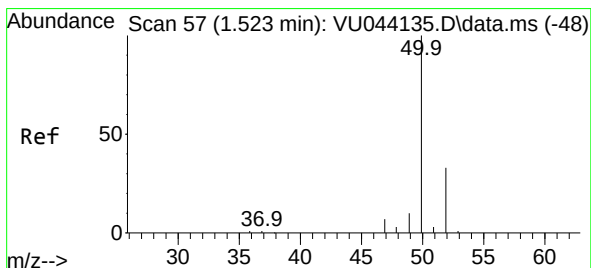
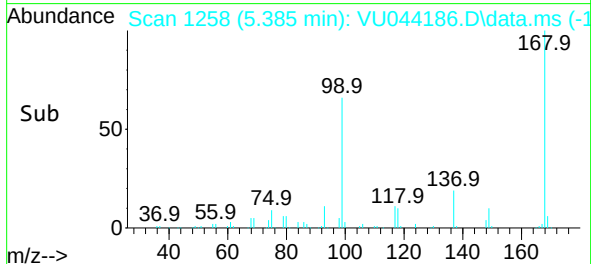
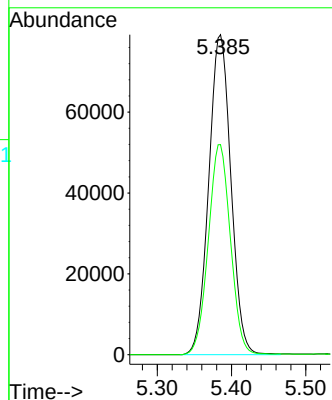
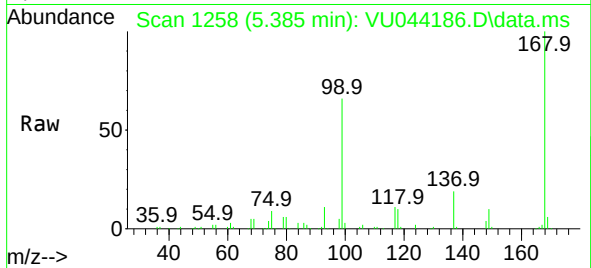




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

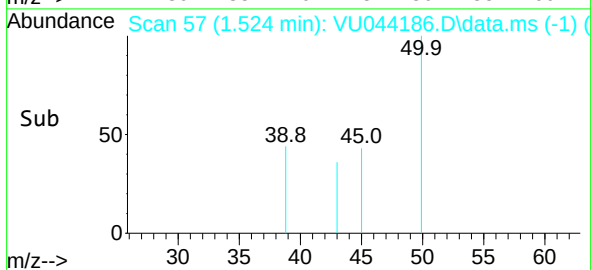
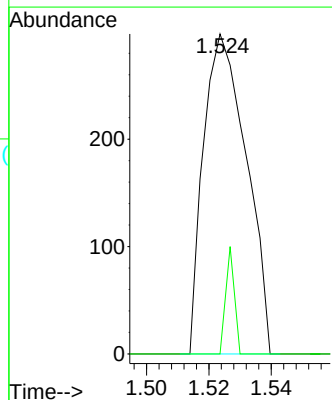
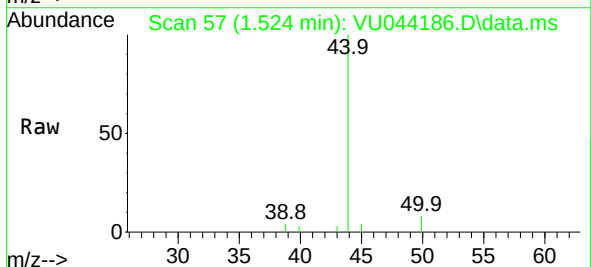
Instrument :
MSVOA_U
ClientSampled :

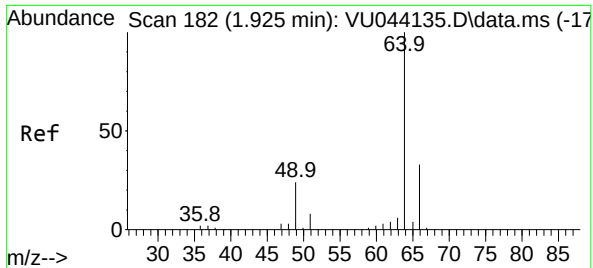
Tgt Ion:168 Resp: 164082
Ion Ratio Lower Upper
168 100
99 65.7 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.524 min Scan# 57
Delta R.T. 0.001 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

Tgt Ion: 50 Resp: 284
Ion Ratio Lower Upper
50 100
52 0.0 26.6 39.8#

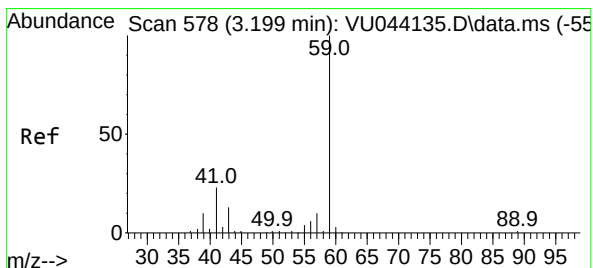
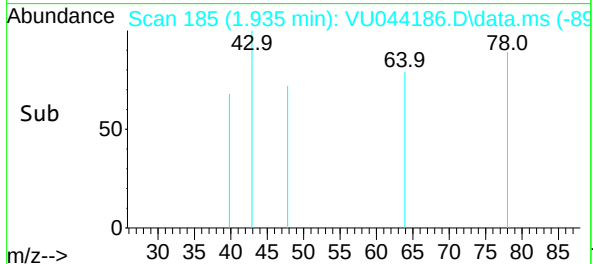
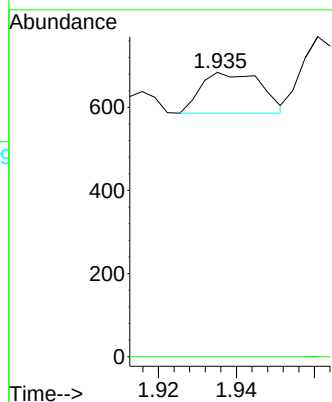
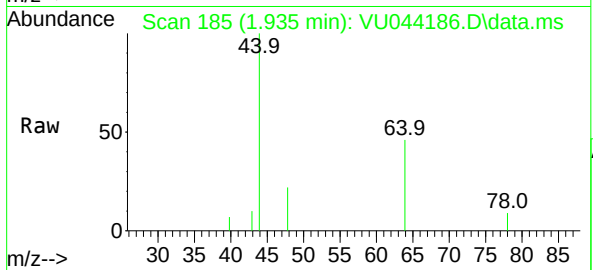




#6
Chloroethane
Concen: Below Cal
RT: 1.935 min Scan# 185
Delta R.T. 0.010 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

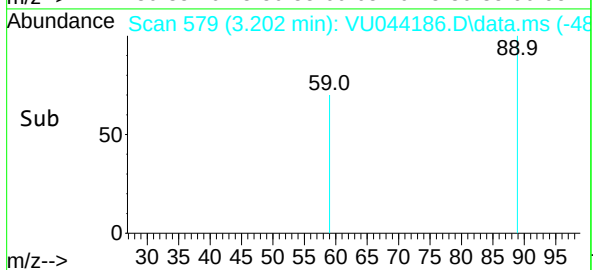
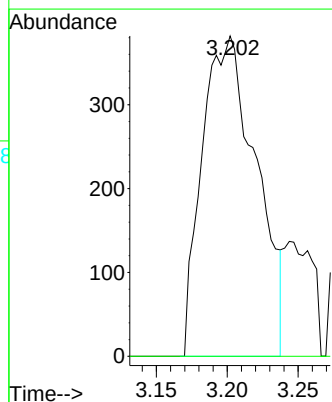
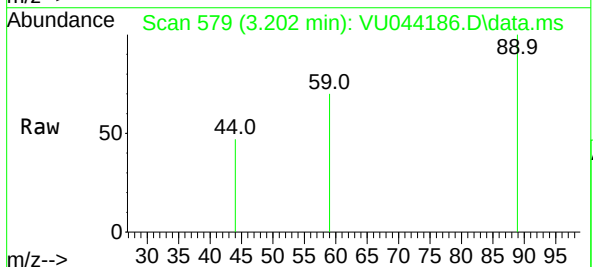
Instrument :
MSVOA_U
ClientSampled :

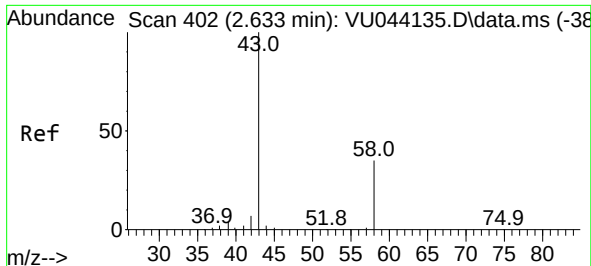
Tgt Ion: 64 Resp: 105
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#11
Tert butyl alcohol
Concen: 1.446 ug/l
RT: 3.202 min Scan# 579
Delta R.T. 0.003 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

Tgt Ion: 59 Resp: 1015
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

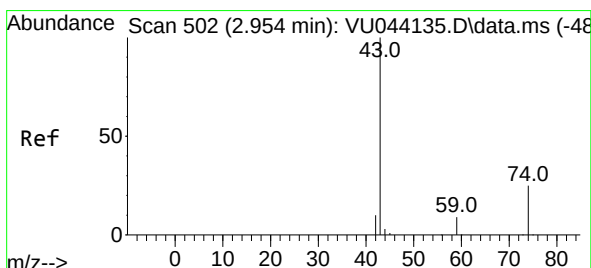
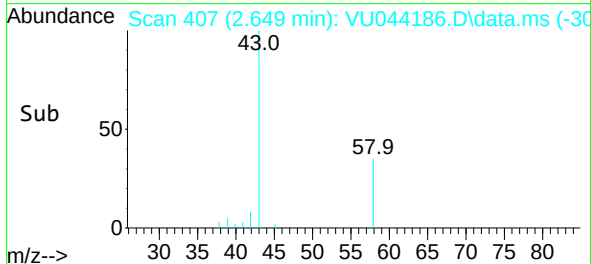
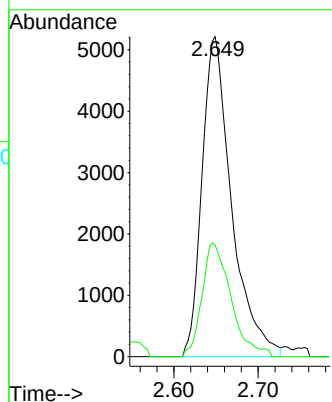
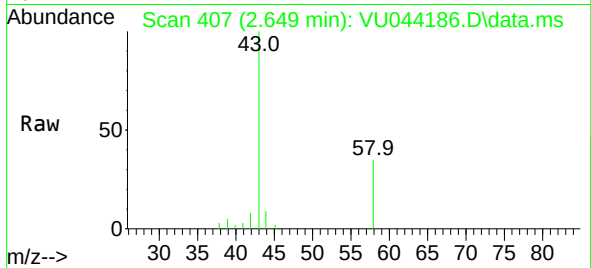




#16
Acetone
Concen: 7.383 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.016 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

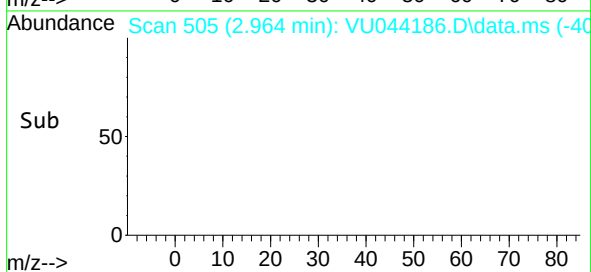
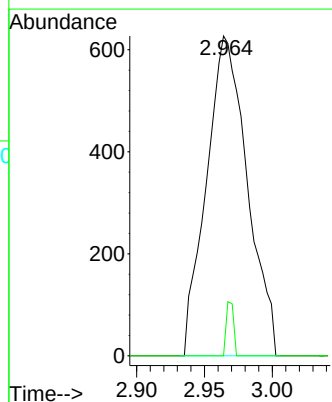
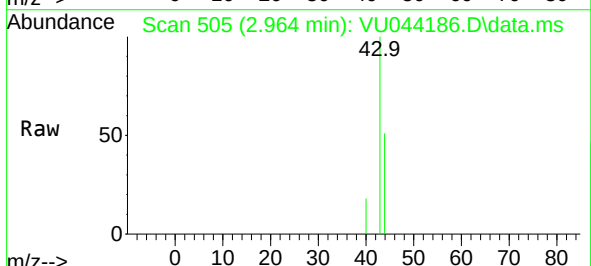
Instrument :
MSVOA_U
ClientSampled :

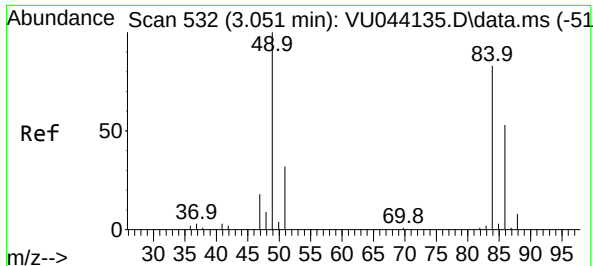
Tgt Ion: 43 Resp: 12747
Ion Ratio Lower Upper
43 100
58 34.9 28.0 42.0



#18
Methyl Acetate
Concen: 0.392 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.010 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

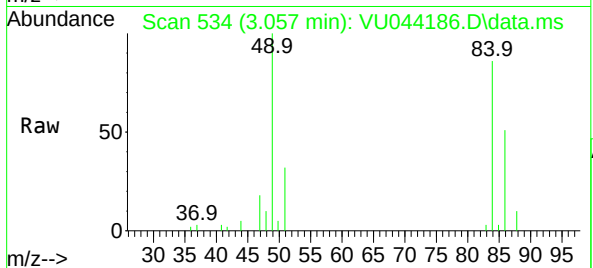
Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
74 3.0 20.3 30.5#



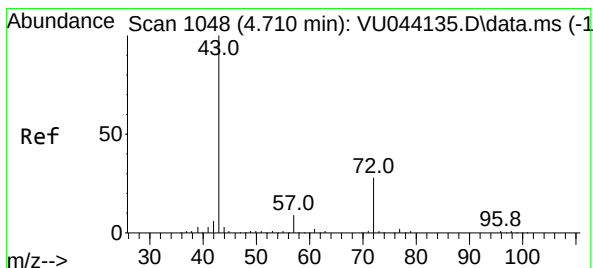
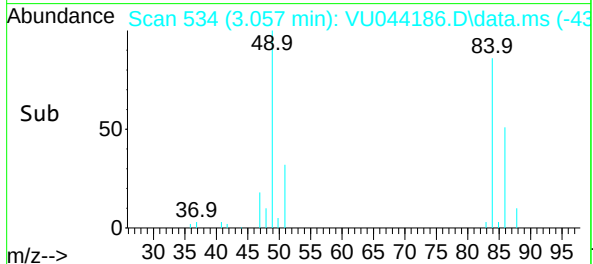
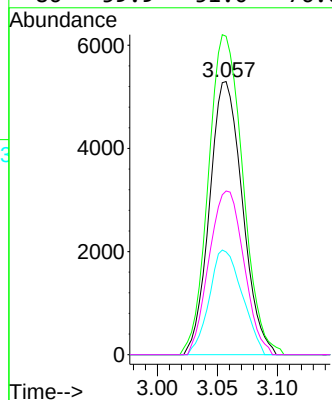


#20
Methylene Chloride
Concen: 3.180 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

Instrument :
MSVOA_U
ClientSampleId :

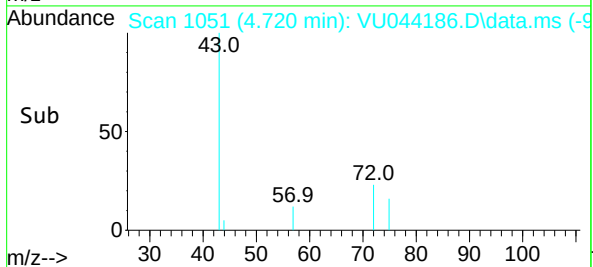
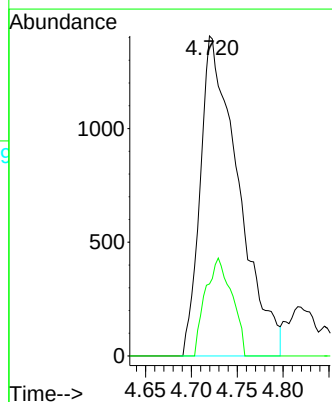
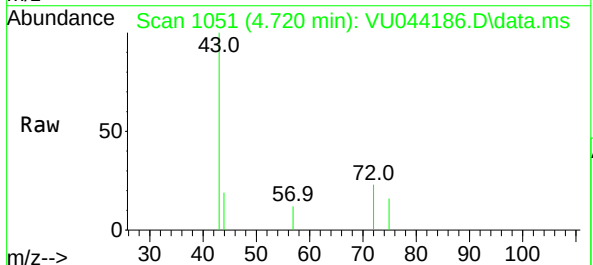


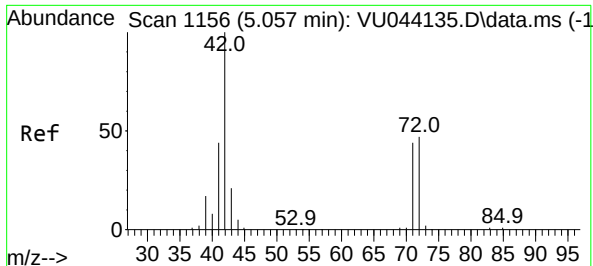
Tgt Ion:	84	Resp:	10118
Ion	Ratio	Lower	Upper
84	100		
49	116.6	96.9	145.3
51	37.6	31.0	46.6
86	59.9	51.0	76.6



#25
2-Butanone
Concen: 1.863 ug/l
RT: 4.720 min Scan# 1051
Delta R.T. 0.010 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

Tgt Ion:	43	Resp:	4057
Ion	Ratio	Lower	Upper
43	100		
72	22.5	22.6	33.8#





#29

Tetrahydrofuran

Concen: 0.563 ug/l

RT: 5.070 min Scan# 1160

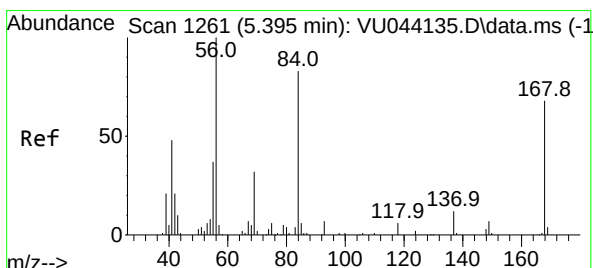
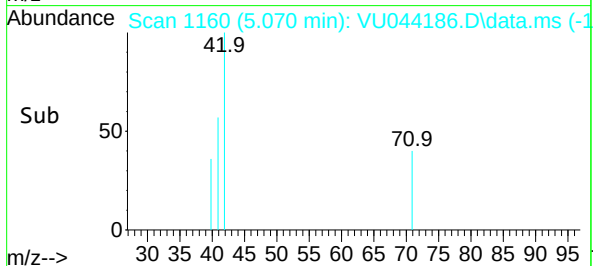
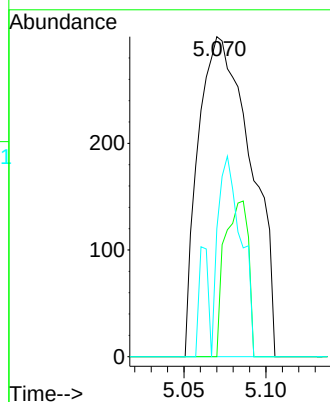
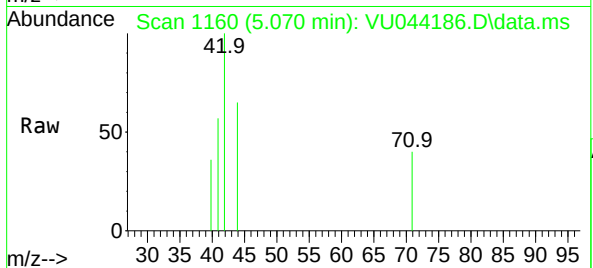
Delta R.T. 0.013 min

Lab File: VU044186.D

Acq: 14 Jun 2021 17:05

Tgt Ion:	42	Resp:	667
Ion	Ratio	Lower	Upper
42	100		
72	21.7	38.6	57.8#
71	27.7	35.5	53.3#

Instrument :
MSVOA_U
ClientSampled :



#31

Cyclohexane

Concen: 1.048 ug/l

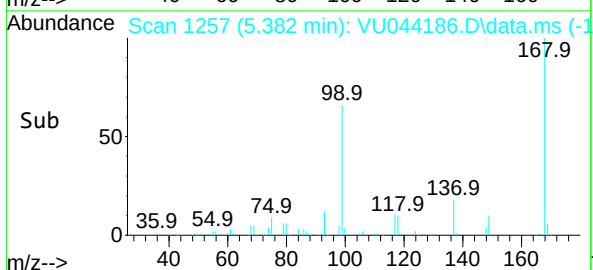
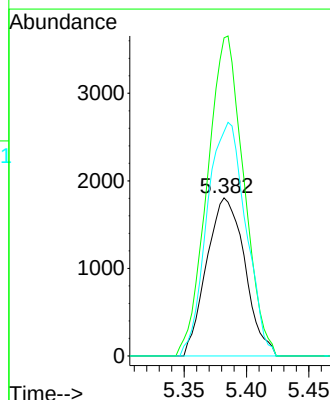
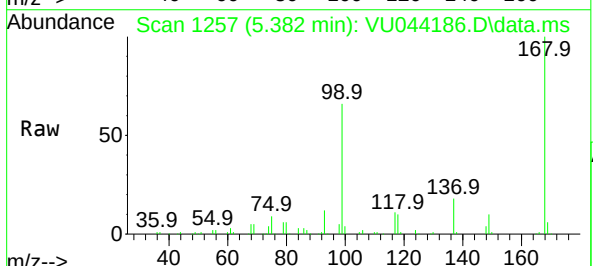
RT: 5.382 min Scan# 1257

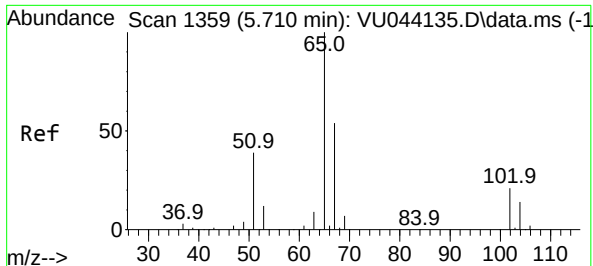
Delta R.T. -0.013 min

Lab File: VU044186.D

Acq: 14 Jun 2021 17:05

Tgt Ion:	56	Resp:	3860
Ion	Ratio	Lower	Upper
56	100		
69	201.3	25.5	38.3#
84	141.9	66.3	99.5#



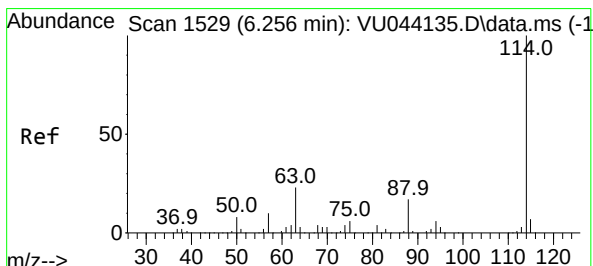
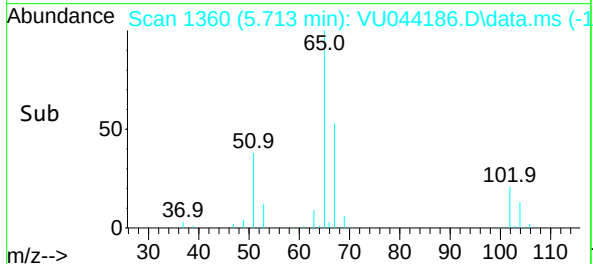
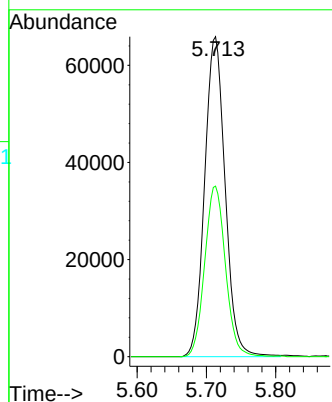
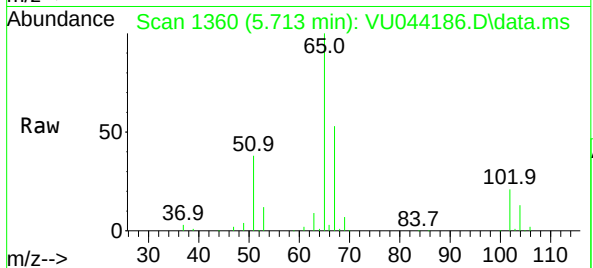


#33

1,2-Dichloroethane-d4
Concen: 51.741 ug/l
RT: 5.713 min Scan# 1360
Delta R.T. 0.003 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

Instrument :
MSVOA_U
ClientSampled :

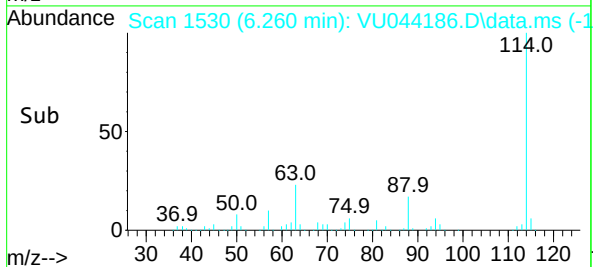
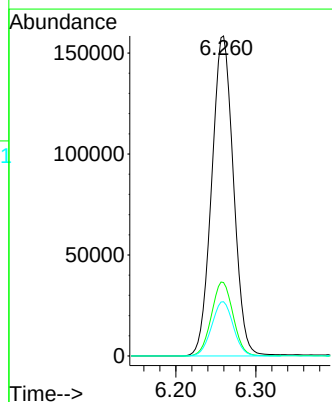
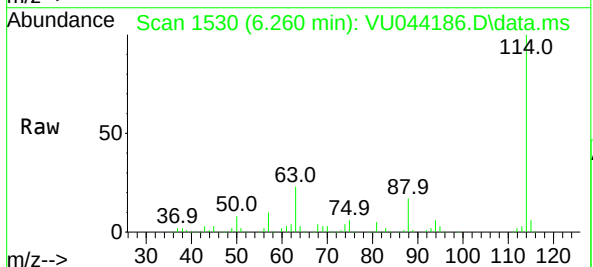
Tgt Ion: 65 Resp: 135008
Ion Ratio Lower Upper
65 100
67 54.1 0.0 106.6

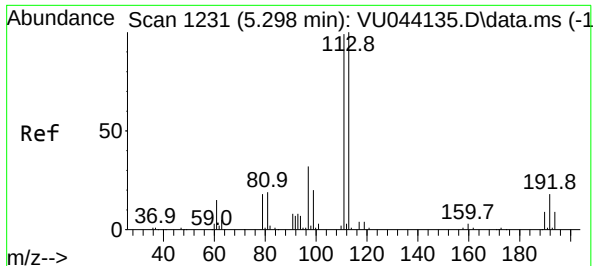


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.260 min Scan# 1530
Delta R.T. 0.004 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

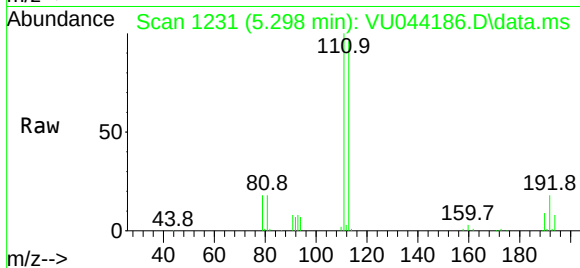
Tgt Ion: 114 Resp: 299057
Ion Ratio Lower Upper
114 100
63 23.0 0.0 45.8
88 17.0 0.0 34.0



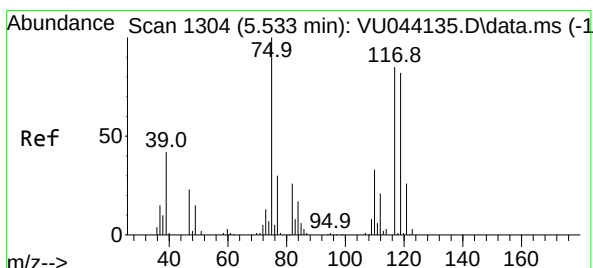
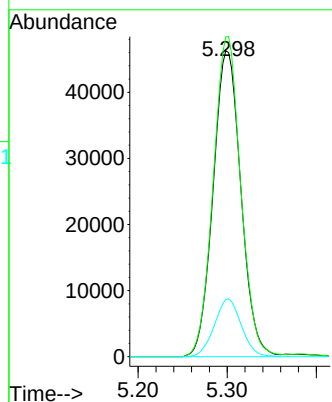
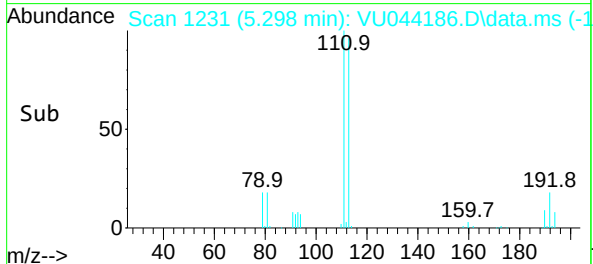


#35
Dibromofluoromethane
Concen: 48.163 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

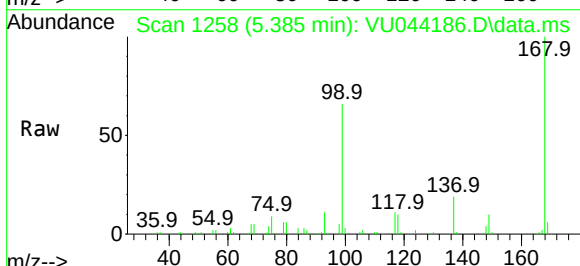
Instrument :
MSVOA_U
ClientSampled :



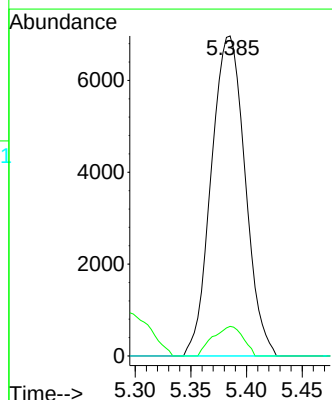
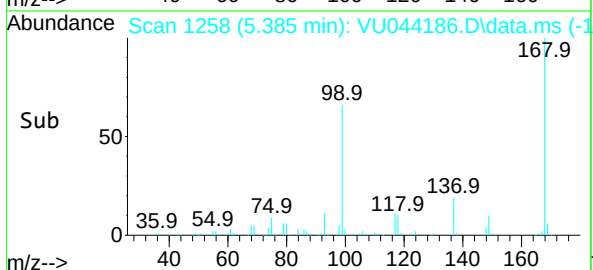
Tgt Ion:113 Resp: 100194
Ion Ratio Lower Upper
113 100
111 103.5 81.0 121.4
192 18.3 14.3 21.5

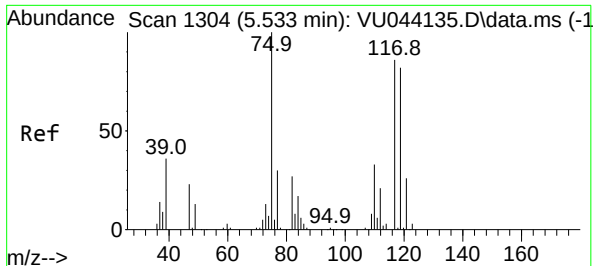


#36
1,1-Dichloropropene
Concen: 4.429 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.148 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05



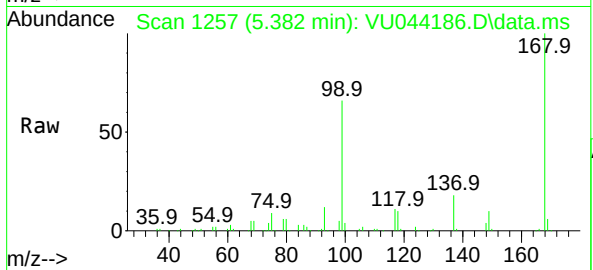
Tgt Ion: 75 Resp: 14735
Ion Ratio Lower Upper
75 100
110 8.3 16.4 49.4#
77 0.0 24.7 37.1#



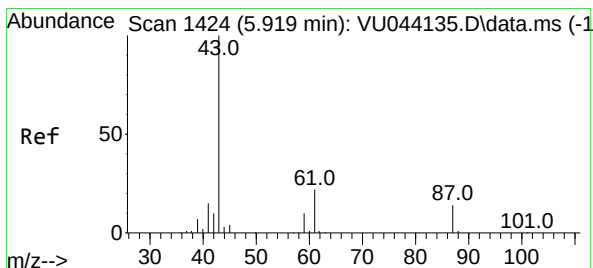
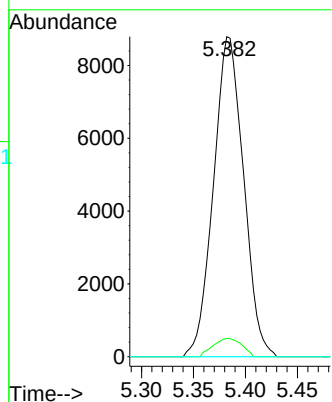
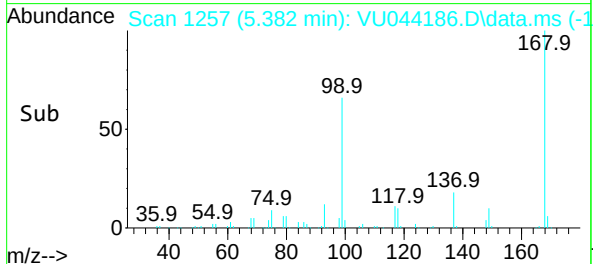


#38
Carbon Tetrachloride
Concen: 5.889 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

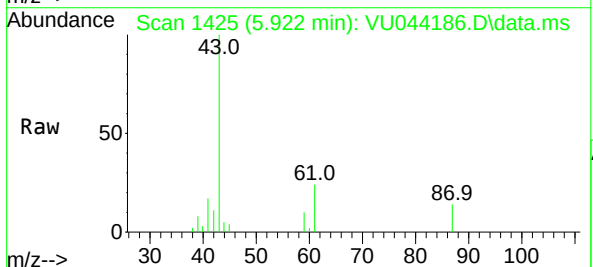
Instrument :
MSVOA_U
ClientSampled :



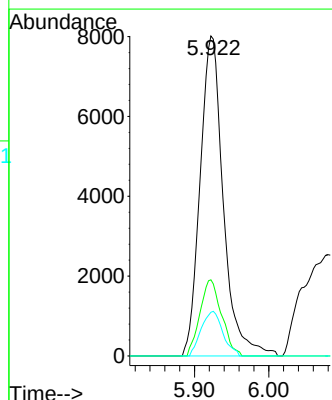
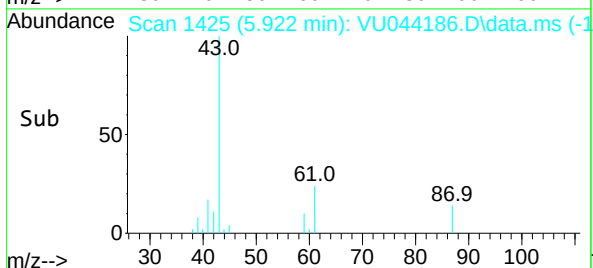
Tgt Ion:117 Resp: 17690
Ion Ratio Lower Upper
117 100
119 5.7 76.6 114.8#
121 0.0 24.6 36.8#

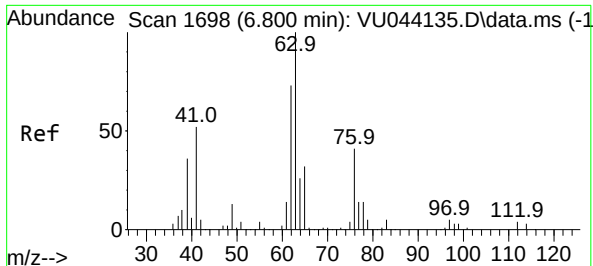


#43
Isopropyl Acetate
Concen: 3.076 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05



Tgt Ion: 43 Resp: 17387
Ion Ratio Lower Upper
43 100
61 22.2 17.8 26.8
87 13.0 11.1 16.7



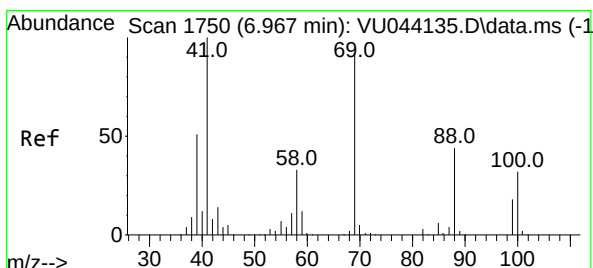
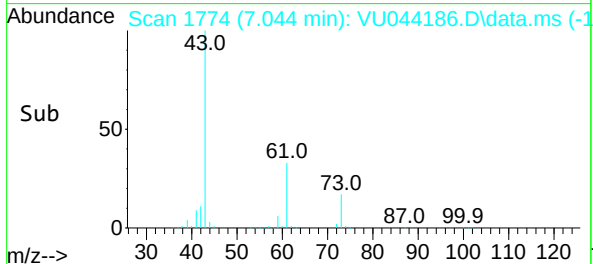
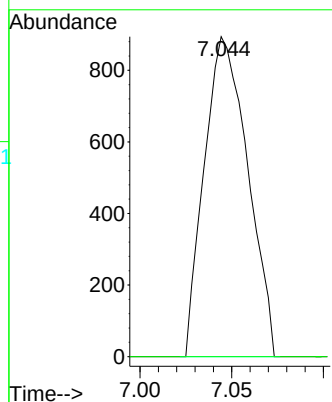
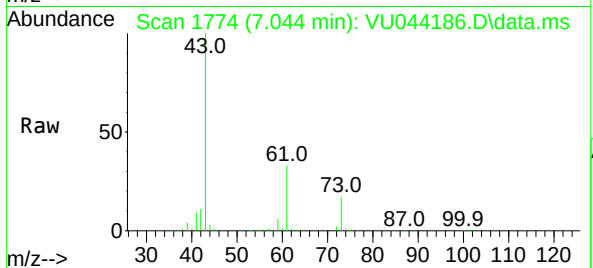


#45

1,2-Dichloropropane
Concen: 0.550 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.244 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

Instrument :
MSVOA_U
ClientSampled :

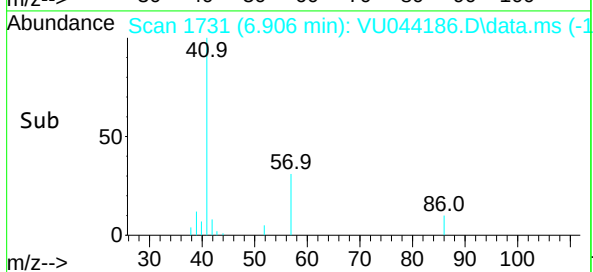
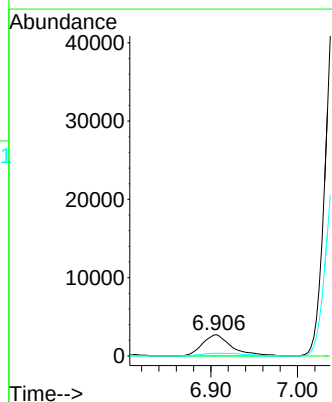
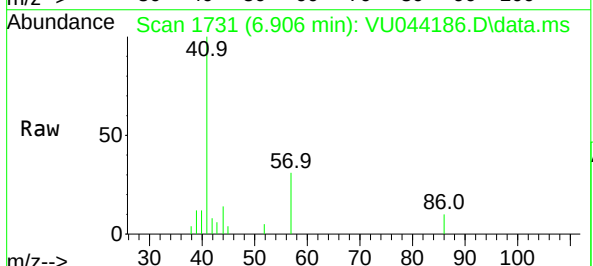
Tgt Ion: 63 Resp: 1474
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

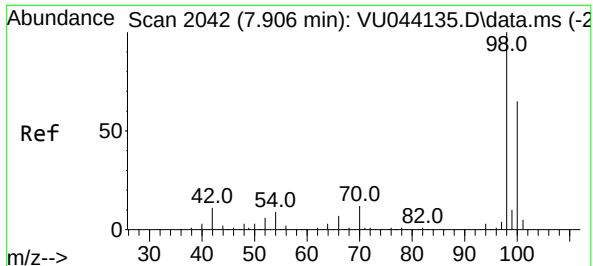


#48

Methyl methacrylate
Concen: 2.313 ug/l
RT: 6.906 min Scan# 1731
Delta R.T. -0.061 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

Tgt Ion: 41 Resp: 6364
Ion Ratio Lower Upper
41 100
69 0.0 74.0 111.0#
39 0.0 41.5 62.3#

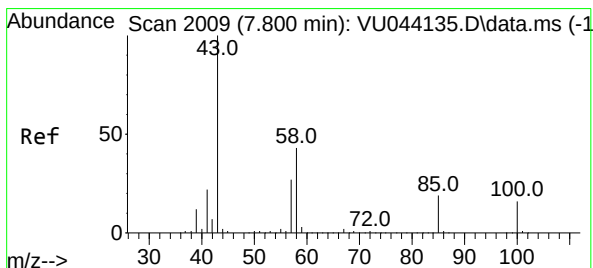
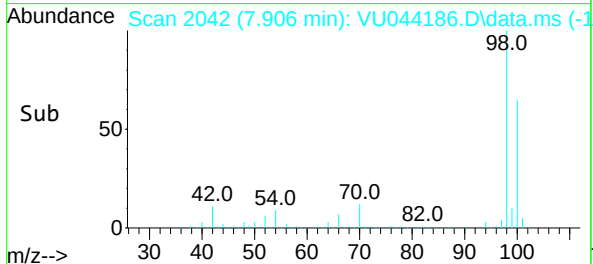
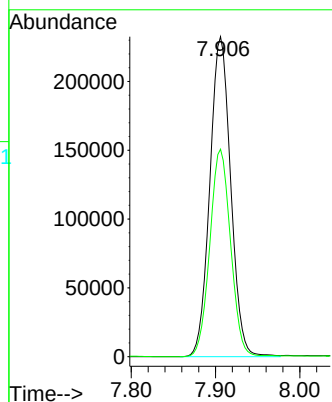
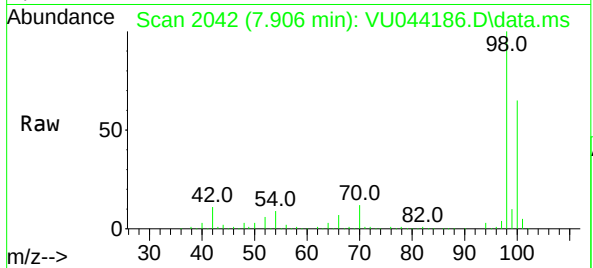




#50
Toluene-d8
Concen: 50.080 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

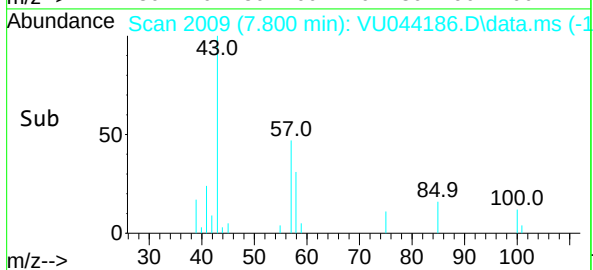
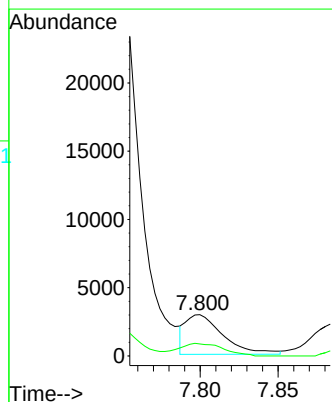
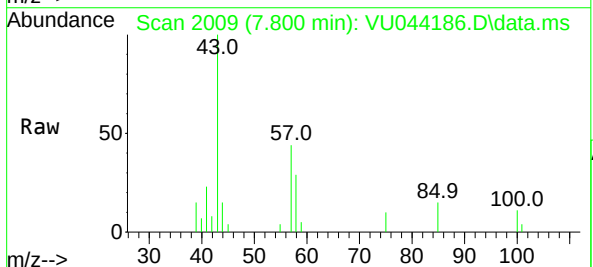
Instrument :
MSVOA_U
ClientSampled :

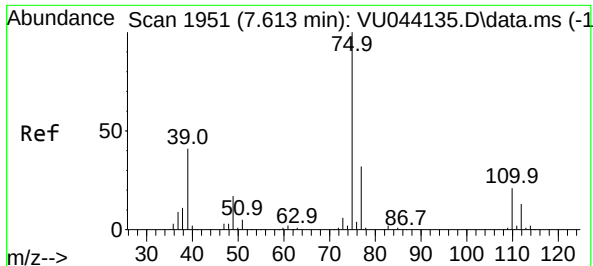
Tgt Ion: 98 Resp: 400108
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.185 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

Tgt Ion: 43 Resp: 4849
Ion Ratio Lower Upper
43 100
58 37.4 34.5 51.7

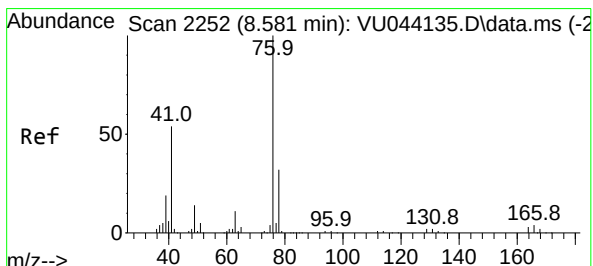
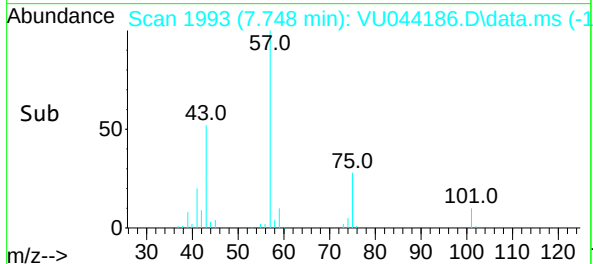
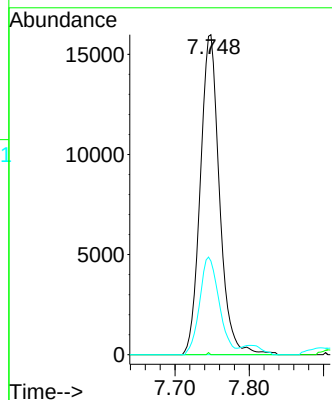
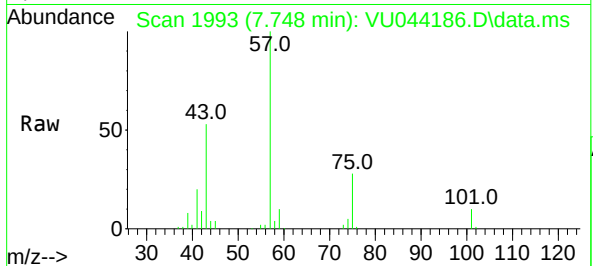




#54
 cis-1,3-Dichloropropene
 Concen: 7.152 ug/l
 RT: 7.748 min Scan# 1993
 Delta R.T. 0.135 min
 Lab File: VU044186.D
 Acq: 14 Jun 2021 17:05

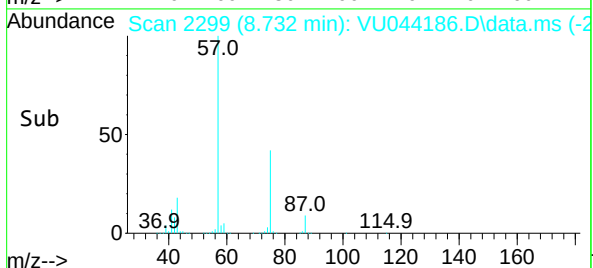
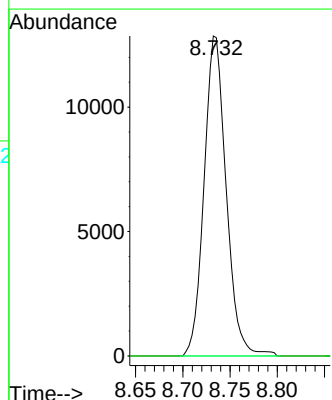
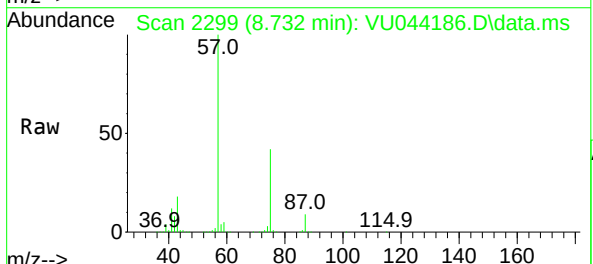
Instrument :
 MSVOA_U
 ClientSampled :

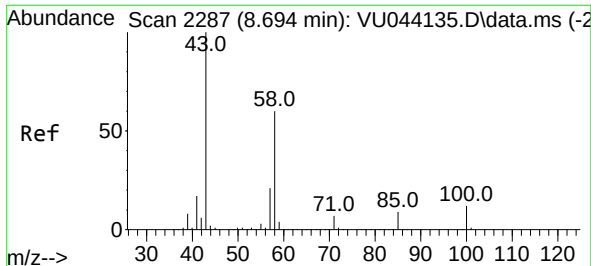
Tgt Ion: 75 Resp: 28678
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.9 38.9#
 39 29.2 33.2 49.8#



#57
 1,3-Dichloropropane
 Concen: 4.805 ug/l
 RT: 8.732 min Scan# 2299
 Delta R.T. 0.151 min
 Lab File: VU044186.D
 Acq: 14 Jun 2021 17:05

Tgt Ion: 76 Resp: 20925
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#

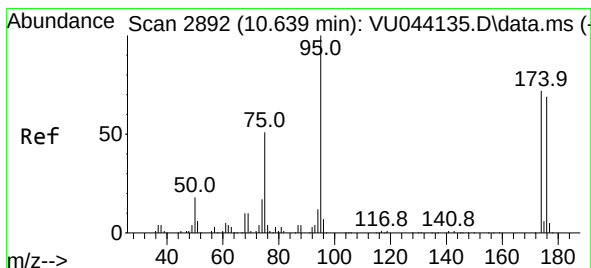
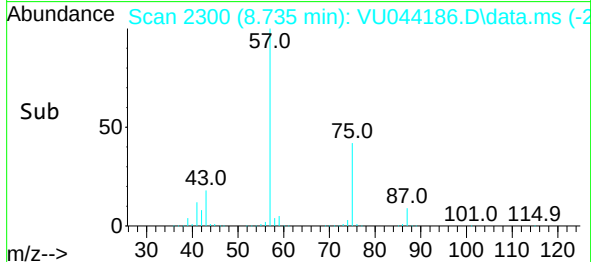
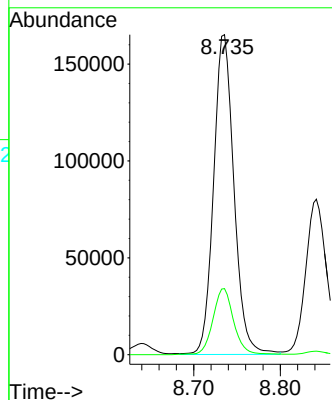
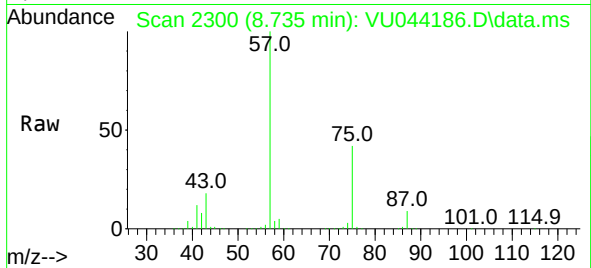




#59
2-Hexanone
Concen: 82.766 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.041 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

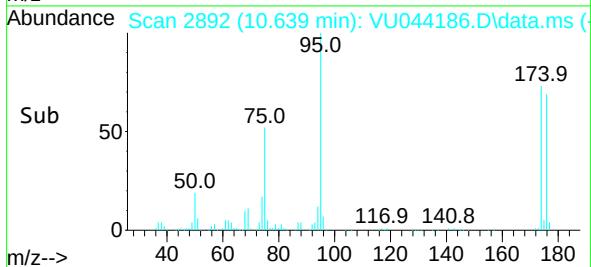
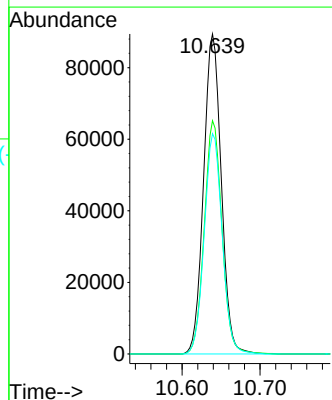
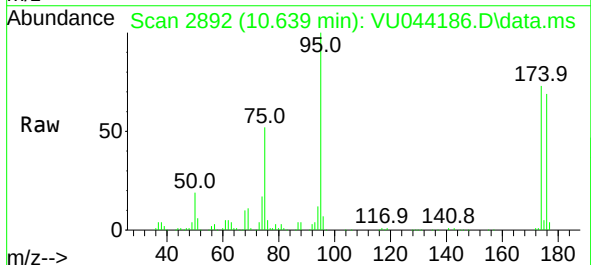
Instrument :
MSVOA_U
ClientSampled :

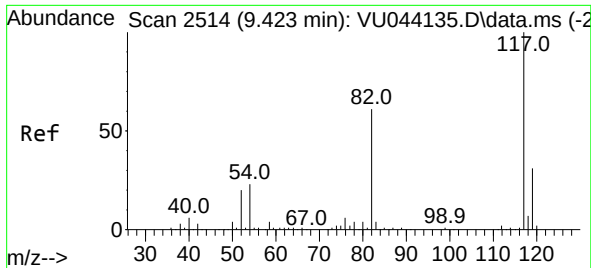
Tgt Ion: 43 Resp: 270250
Ion Ratio Lower Upper
43 100
58 21.2 30.0 90.1#



#62
4-Bromofluorobenzene
Concen: 44.048 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

Tgt Ion: 95 Resp: 141031
Ion Ratio Lower Upper
95 100
174 73.1 0.0 144.4
176 69.7 0.0 138.0

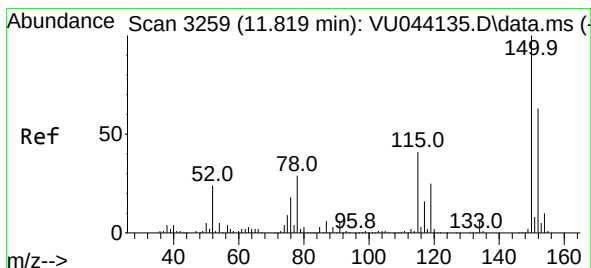
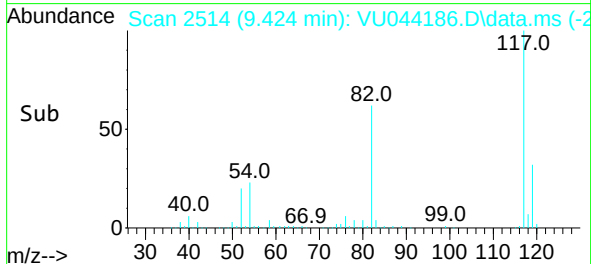
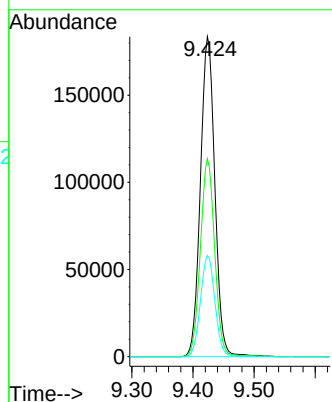
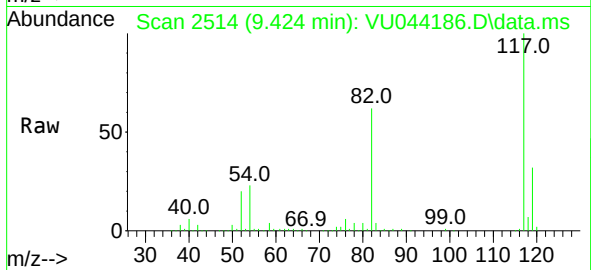




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.424 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

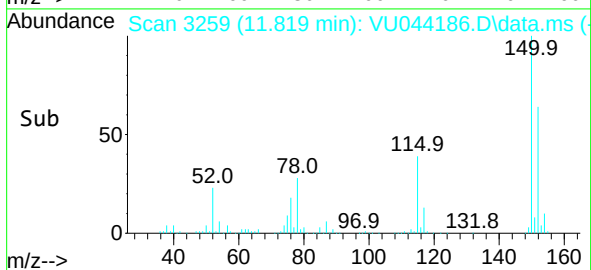
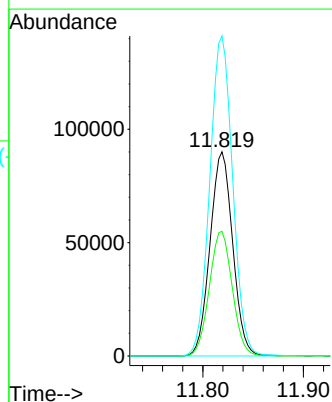
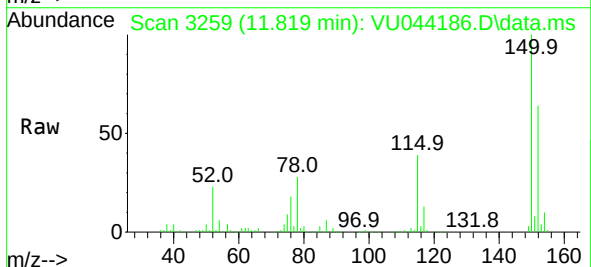
Instrument :
MSVOA_U
ClientSampleId :

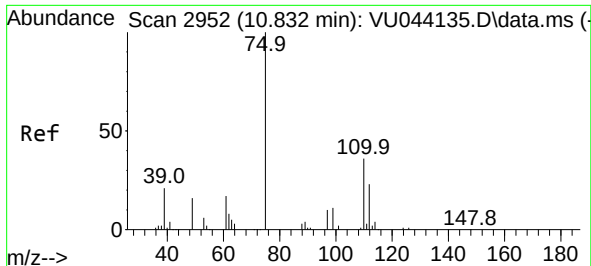
Tgt Ion:117 Resp: 301925
Ion Ratio Lower Upper
117 100
82 61.9 48.8 73.2
119 31.6 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

Tgt Ion:152 Resp: 141049
Ion Ratio Lower Upper
152 100
115 61.7 43.8 131.3
150 158.4 0.0 350.6

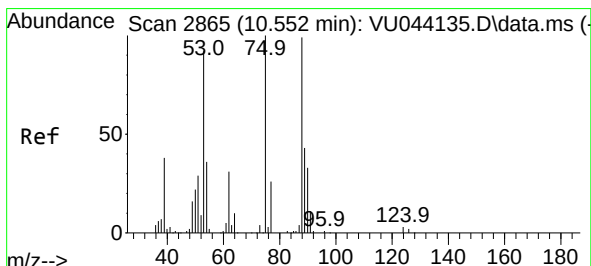
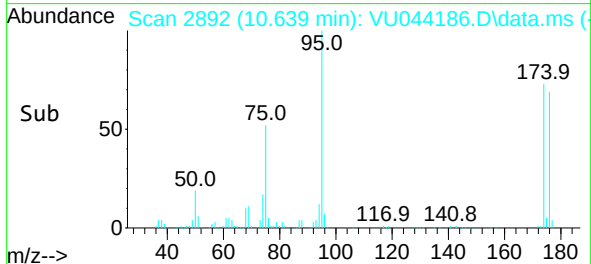
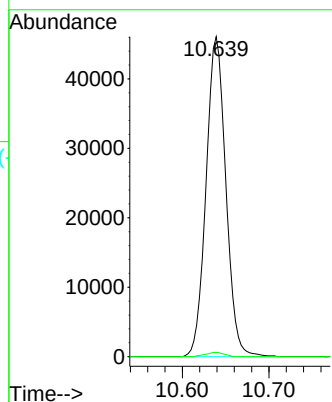
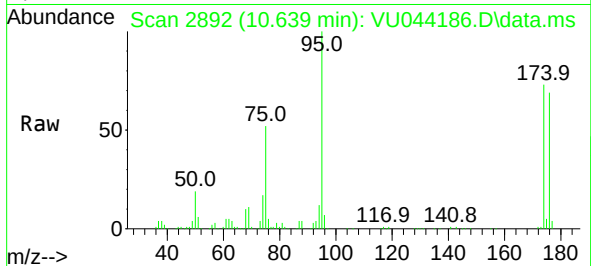




#76
1,2,3-Trichloropropane
Concen: 15.458 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

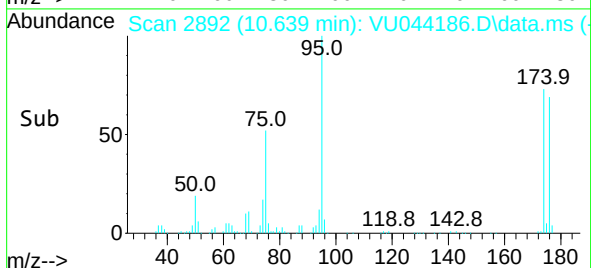
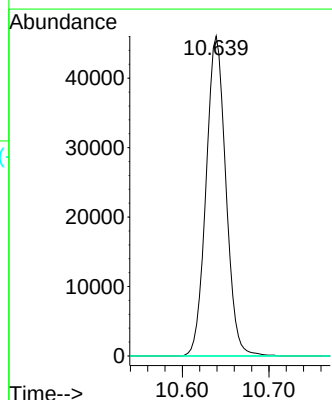
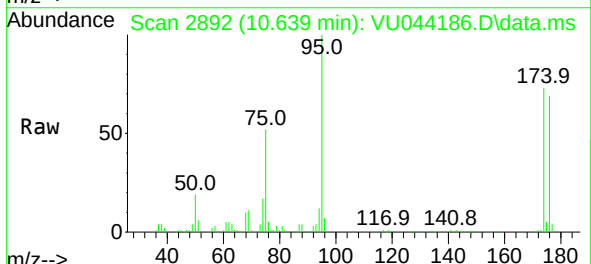
Instrument :
MSVOA_U
ClientSampleId :

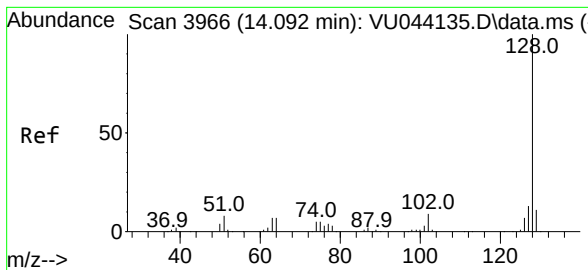
Tgt Ion: 75 Resp: 73103
Ion Ratio Lower Upper
75 100
77 1.3 14.9 44.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.036 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

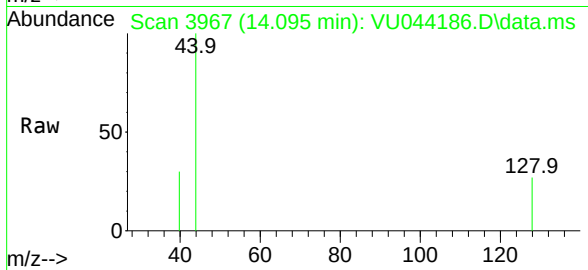
Tgt Ion: 75 Resp: 73103
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#





#95
Naphthalene
Concen: 2.848 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044186.D
Acq: 14 Jun 2021 17:05

Instrument :
MSVOA_U
ClientSampleId :



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

