

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061021\
 Data File : VU044157.D
 Acq On : 10 Jun 2021 15:47
 Operator : SY/MD
 Sample : M2644-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 11 01:20:43 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)

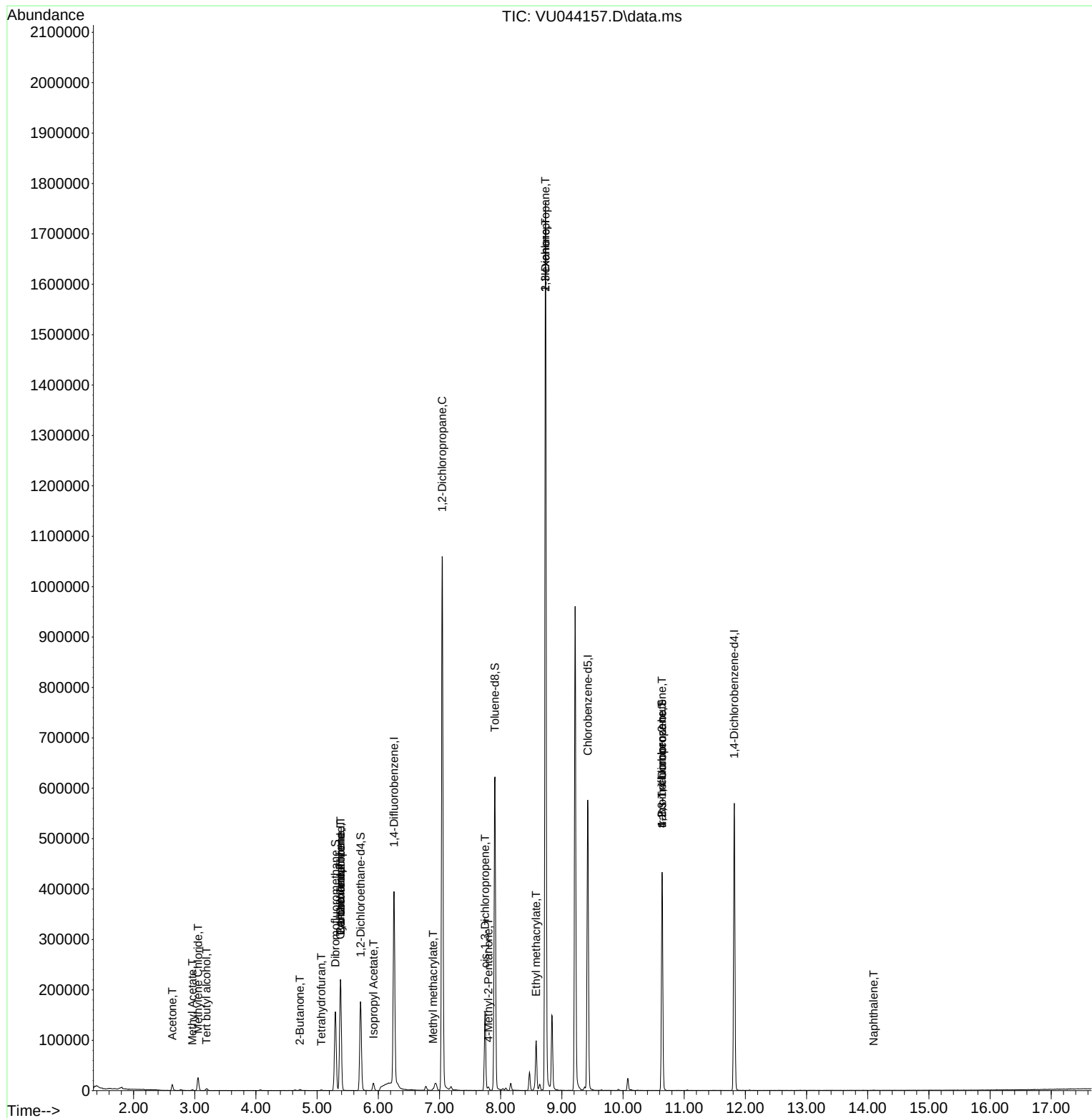
Internal Standards						
1) Pentafluorobenzene	5.382	168	142497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	296820	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	308561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	143267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	127561	56.292	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.580%	
35) Dibromofluoromethane	5.298	113	102135	49.466	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.940%	
50) Toluene-d8	7.906	98	403268	50.856	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.720%	
62) 4-Bromofluorobenzene	10.639	95	147891	46.539	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.080%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.527	50	464	Below Cal	#	85
6) Chloroethane	1.929	64	82	Below Cal	#	42
11) Tert butyl alcohol	3.192	59	2767	4.539	ug/l #	73
16) Acetone	2.633	43	13167	9.191	ug/l	99
18) Methyl Acetate	2.961	43	2382	0.817	ug/l #	87
20) Methylene Chloride	3.054	84	12663	5.125	ug/l	97
25) 2-Butanone	4.716	43	3376	1.785	ug/l	98
29) Tetrahydrofuran	5.070	42	885	0.861	ug/l #	56
31) Cyclohexane	5.379	56	3164	0.989	ug/l #	1
36) 1,1-Dichloropropene	5.382	75	12988	3.933	ug/l #	50
38) Carbon Tetrachloride	5.382	117	15313	5.136	ug/l #	16
43) Isopropyl Acetate	5.922	43	15323	2.731	ug/l	99
45) 1,2-Dichloropropane	7.044	63	1318	0.496	ug/l #	43
48) Methyl methacrylate	6.896	41	5669	2.076	ug/l #	11
51) 4-Methyl-2-Pentanone	7.800	43	4251	1.047	ug/l	95
54) cis-1,3-Dichloropropene	7.745	75	27315	6.863	ug/l #	63
56) Ethyl methacrylate	8.581	69	1173	0.315	ug/l #	1
57) 1,3-Dichloropropane	8.732	76	17853	4.130	ug/l #	42
59) 2-Hexanone	8.732	43	227213	70.110	ug/l #	49
76) 1,2,3-Trichloropropane	10.639	75	75483	15.714	ug/l #	47
81) trans-1,4-Dichloro-2-b...	10.639	75	75483	56.964	ug/l #	13
95) Naphthalene	14.099	128	931	2.923	ug/l #	75

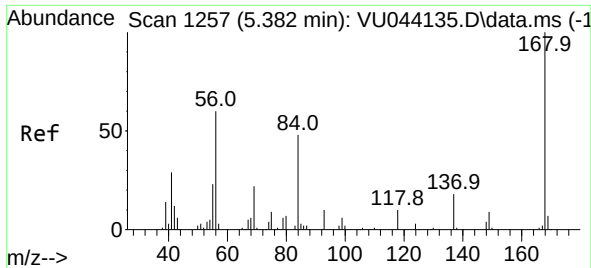
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061021\
Data File : VU044157.D
Acq On : 10 Jun 2021 15:47
Operator : SY/MD
Sample : M2644-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 11 01:20:43 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

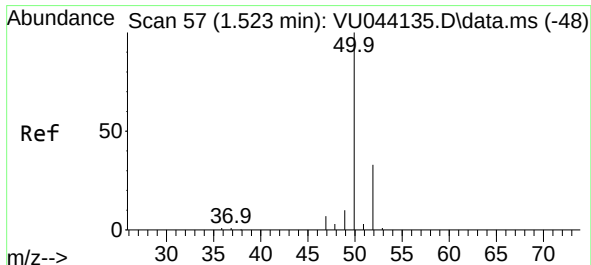
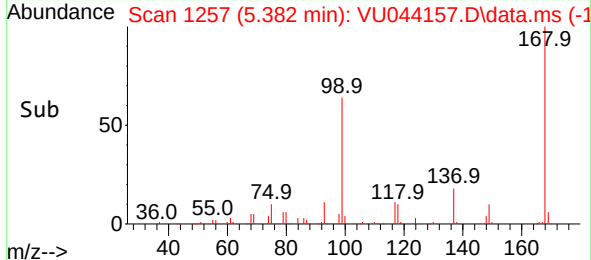
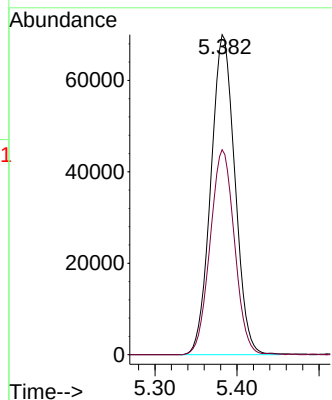
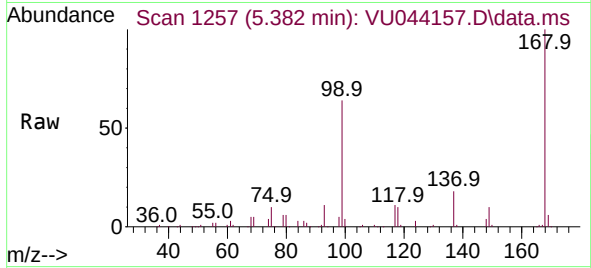




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

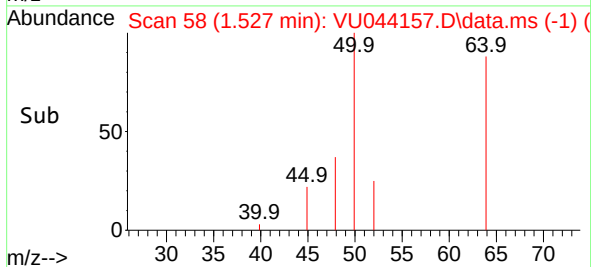
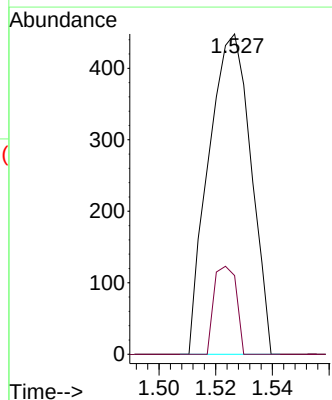
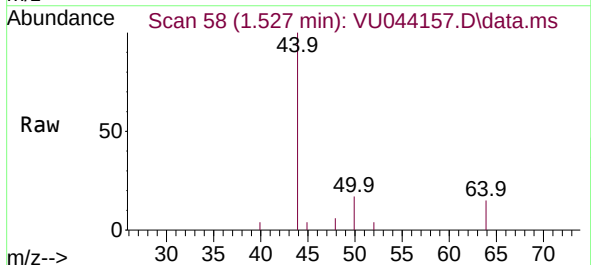
Instrument :
MSVOA_U
ClientSampled :

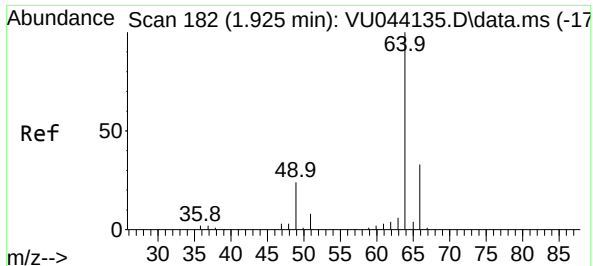
Tgt Ion:168 Resp: 142497
Ion Ratio Lower Upper
168 100
99 64.0 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.527 min Scan# 58
Delta R.T. 0.004 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

Tgt Ion: 50 Resp: 464
Ion Ratio Lower Upper
50 100
52 24.6 26.6 39.8#

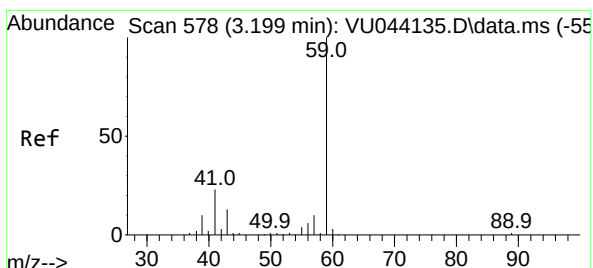
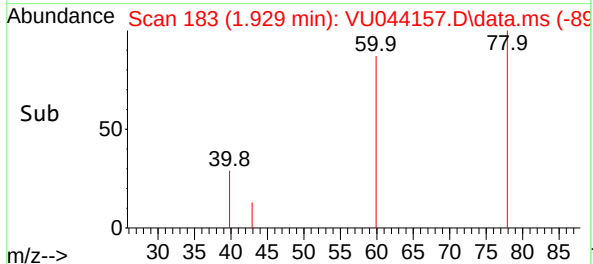
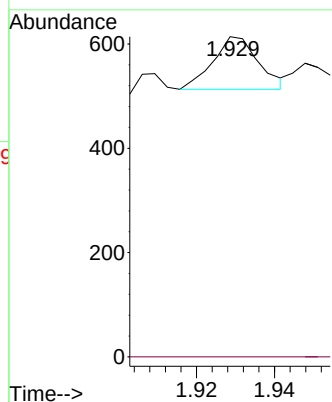
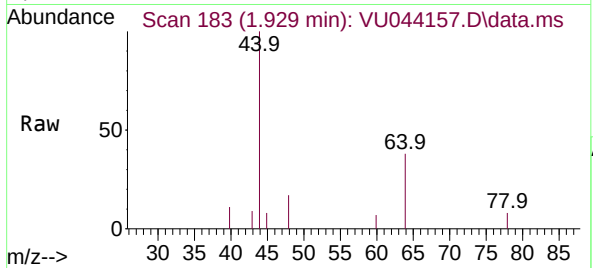




#6
Chloroethane
Concen: Below Cal
RT: 1.929 min Scan# 183
Delta R.T. 0.004 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

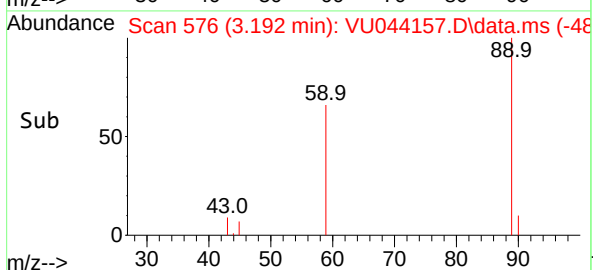
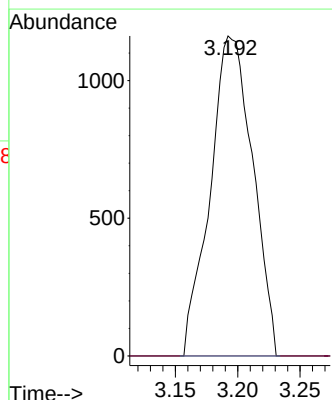
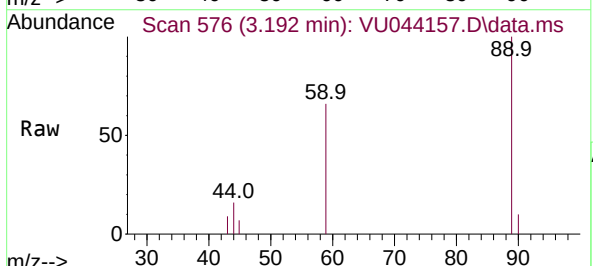
Instrument :
MSVOA_U
ClientSampled :

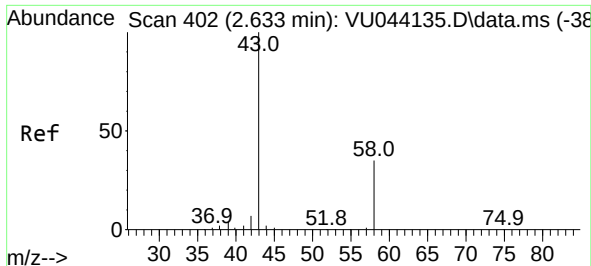
Tgt Ion: 64 Resp: 82
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#11
Tert butyl alcohol
Concen: 4.539 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.007 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

Tgt Ion: 59 Resp: 2767
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

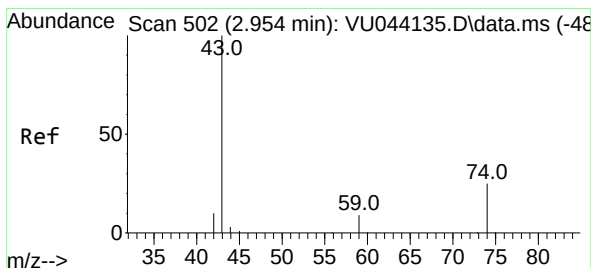
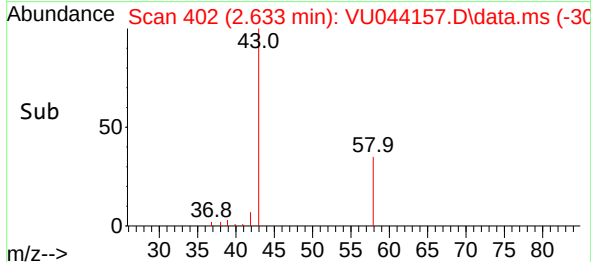
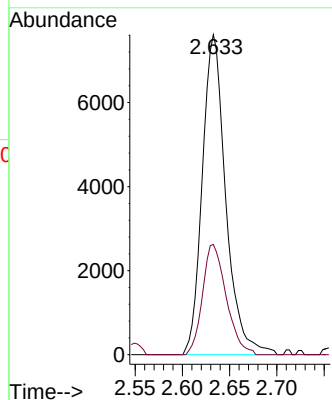
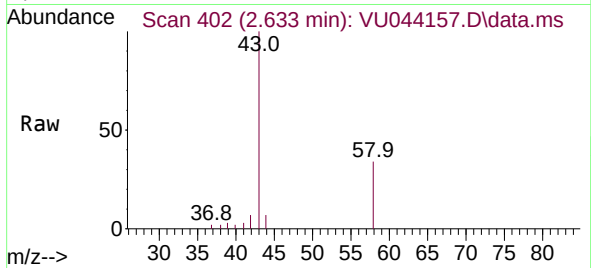




#16
Acetone
Concen: 9.191 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.000 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

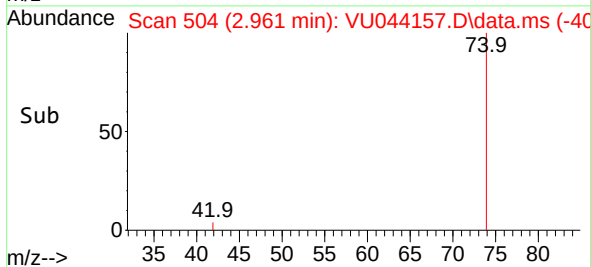
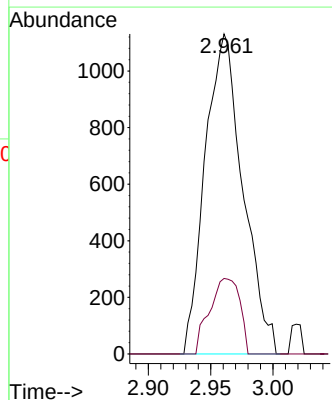
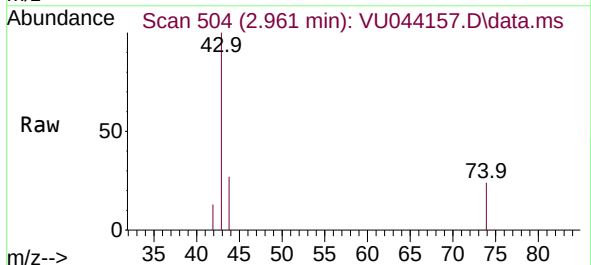
Instrument :
MSVOA_U
ClientSampleId :

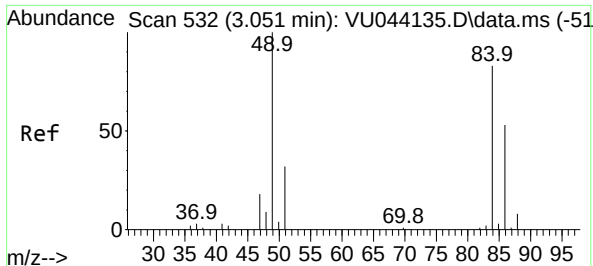
Tgt Ion: 43 Resp: 13167
Ion Ratio Lower Upper
43 100
58 34.5 28.0 42.0



#18
Methyl Acetate
Concen: 0.817 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.007 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

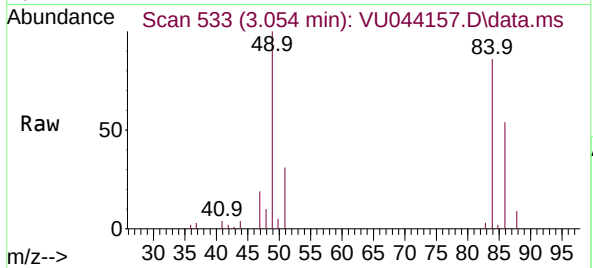
Tgt Ion: 43 Resp: 2382
Ion Ratio Lower Upper
43 100
74 18.8 20.3 30.5#



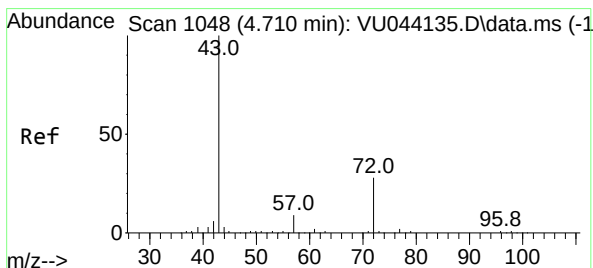
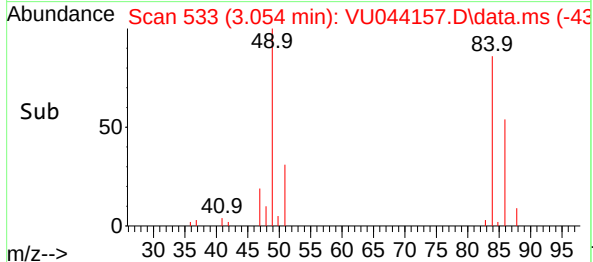
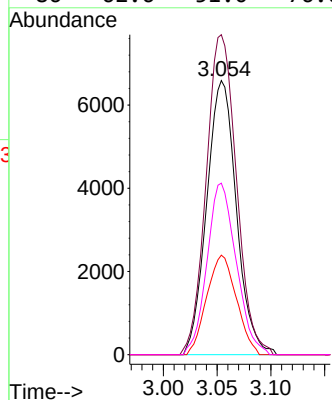


#20
Methylene Chloride
Concen: 5.125 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

Instrument :
MSVOA_U
ClientSampleId :

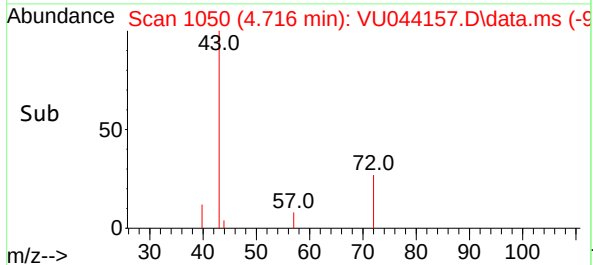
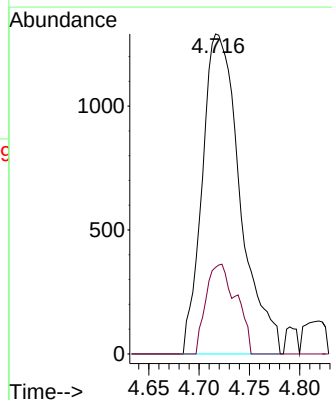
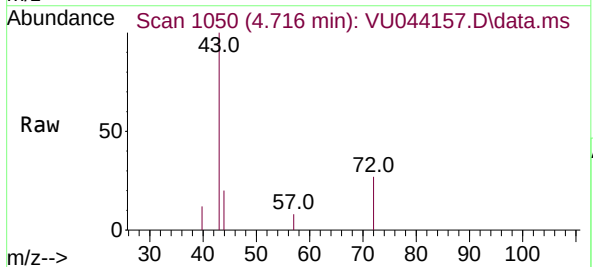


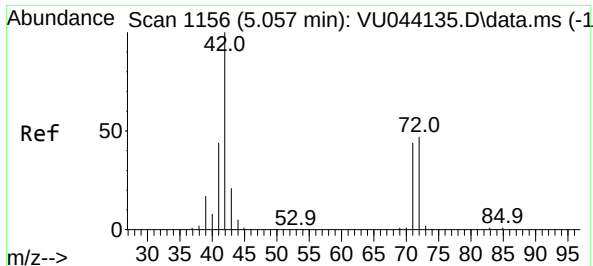
Tgt Ion:	84	Resp:	12663
Ion	Ratio	Lower	Upper
84	100		
49	116.7	96.9	145.3
51	36.3	31.0	46.6
86	62.6	51.0	76.6



#25
2-Butanone
Concen: 1.785 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

Tgt Ion:	43	Resp:	3376
Ion	Ratio	Lower	Upper
43	100		
72	27.0	22.6	33.8





#29

Tetrahydrofuran

Concen: 0.861 ug/l

RT: 5.070 min Scan# 1160

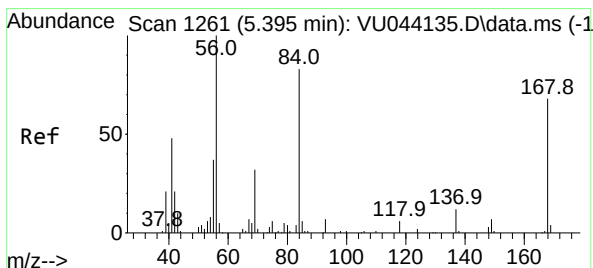
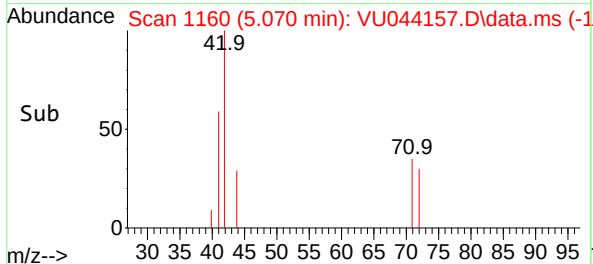
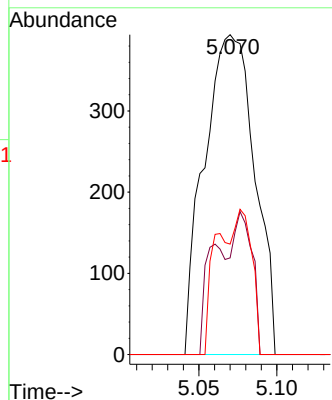
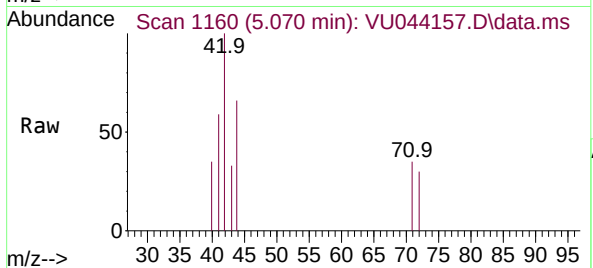
Delta R.T. 0.013 min

Lab File: VU044157.D

Acq: 10 Jun 2021 15:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	42	Resp:	885
Ion	Ratio	Lower	Upper
42	100		
72	18.6	38.6	57.8#
71	16.3	35.5	53.3#



#31

Cyclohexane

Concen: 0.989 ug/l

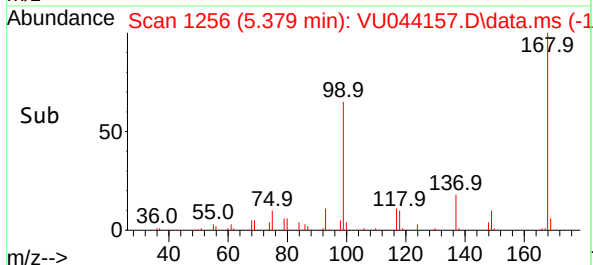
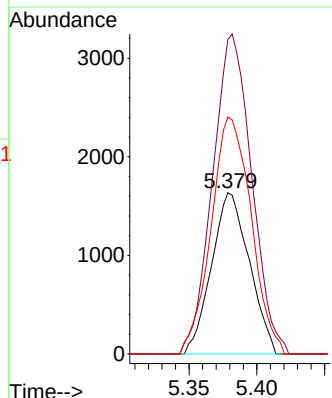
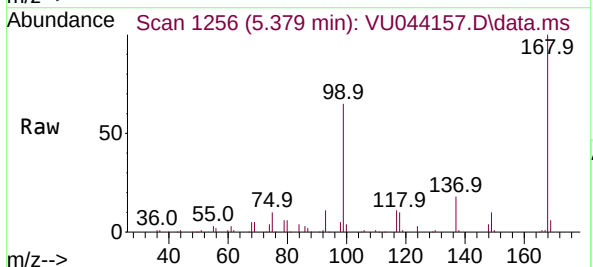
RT: 5.379 min Scan# 1256

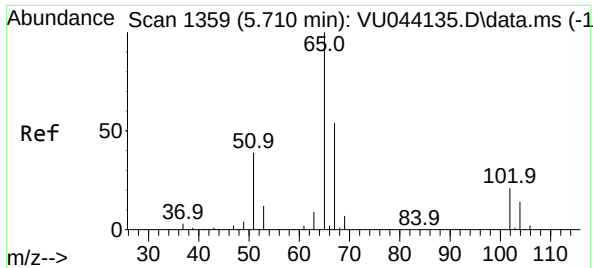
Delta R.T. -0.016 min

Lab File: VU044157.D

Acq: 10 Jun 2021 15:47

Tgt Ion:	56	Resp:	3164
Ion	Ratio	Lower	Upper
56	100		
69	194.9	25.5	38.3#
84	146.8	66.3	99.5#



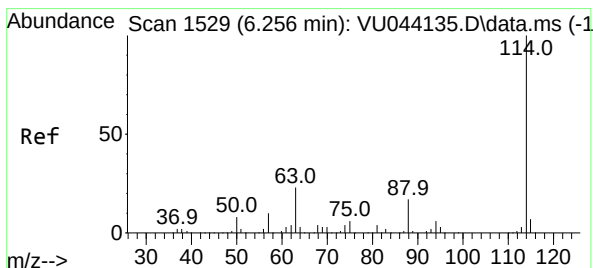
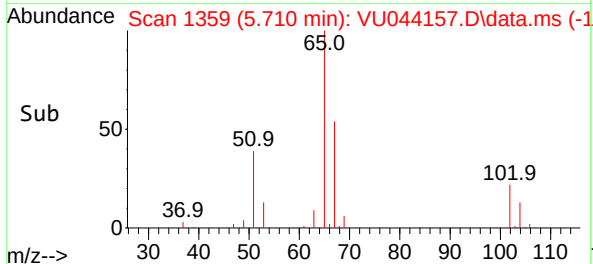
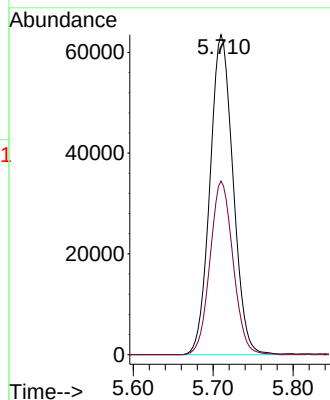
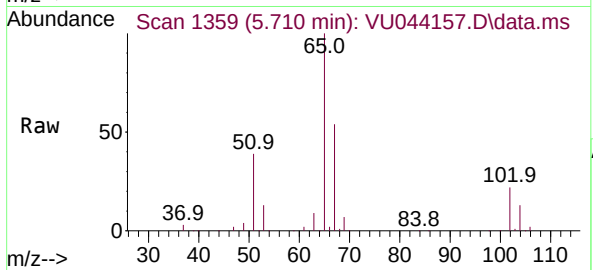


#33

1,2-Dichloroethane-d4
Concen: 56.292 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

Instrument :
MSVOA_U
ClientSampleId :

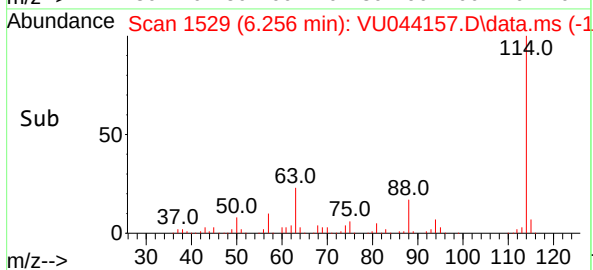
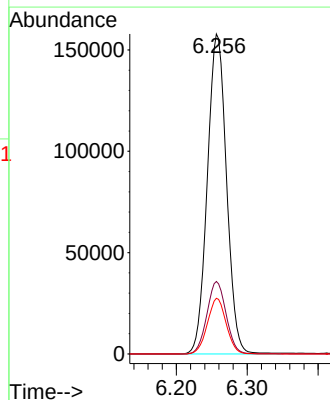
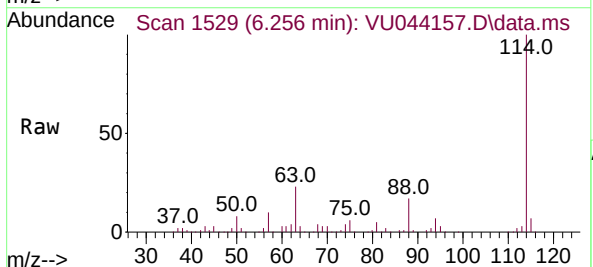
Tgt Ion: 65 Resp: 127561
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.6

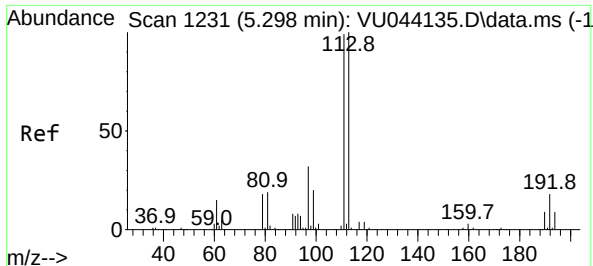


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

Tgt Ion: 114 Resp: 296820
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.8
88 17.4 0.0 34.0

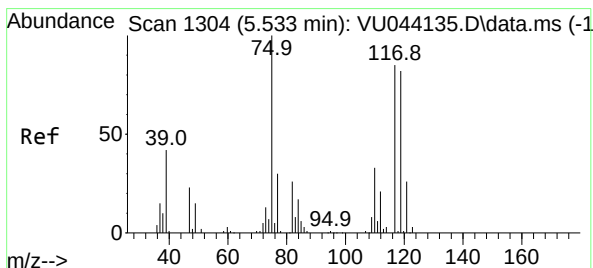
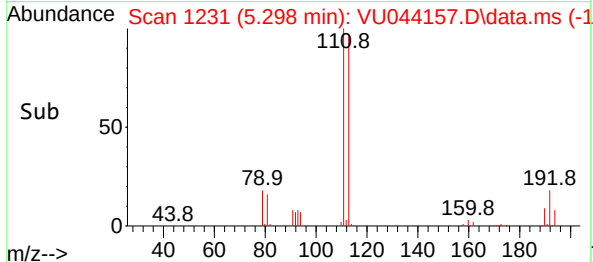
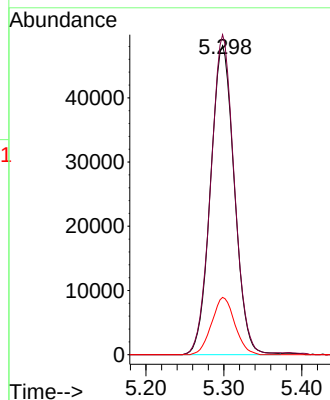
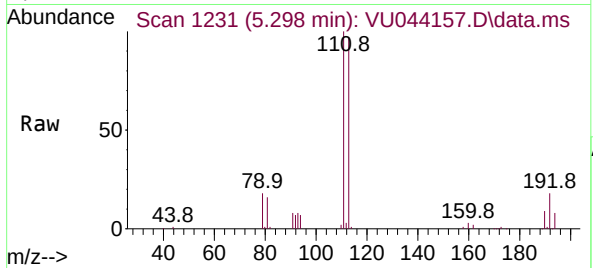




#35
Dibromofluoromethane
Concen: 49.466 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

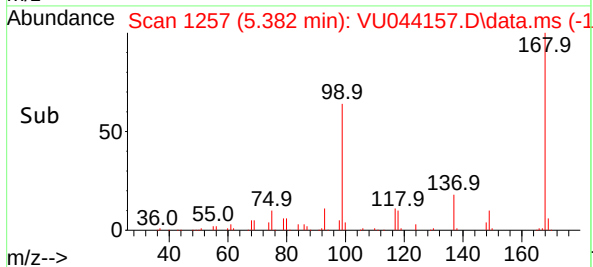
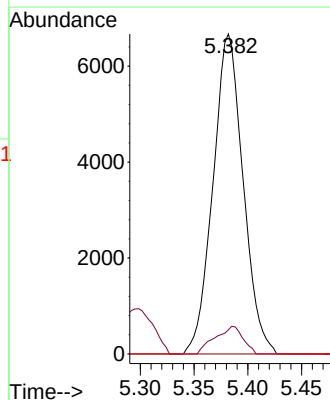
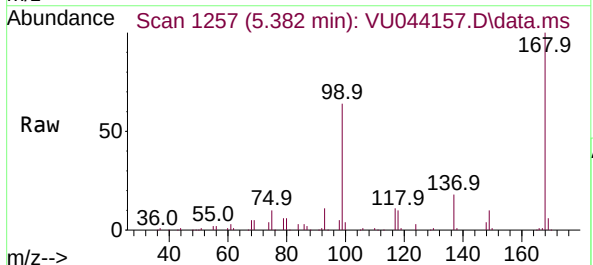
Instrument :
MSVOA_U
ClientSampleId :

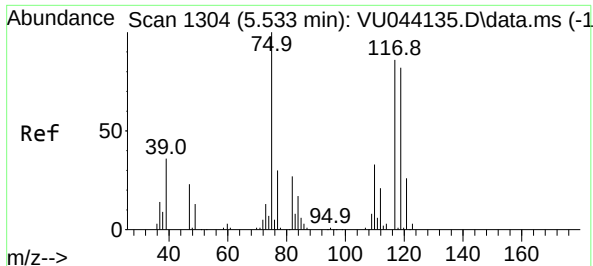
Tgt Ion:113 Resp: 102135
Ion Ratio Lower Upper
113 100
111 102.1 81.0 121.4
192 18.0 14.3 21.5



#36
1,1-Dichloropropene
Concen: 3.933 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

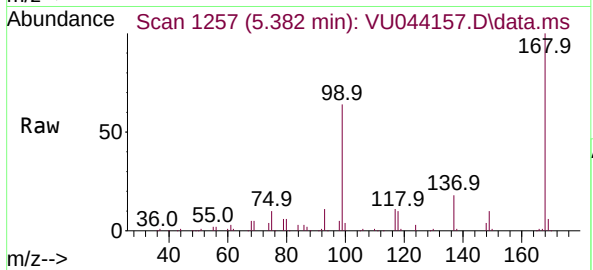
Tgt Ion: 75 Resp: 12988
Ion Ratio Lower Upper
75 100
110 8.0 16.4 49.4#
77 0.0 24.7 37.1#



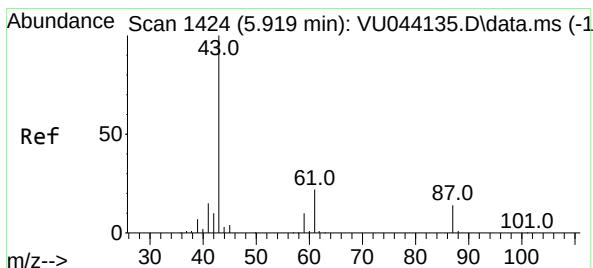
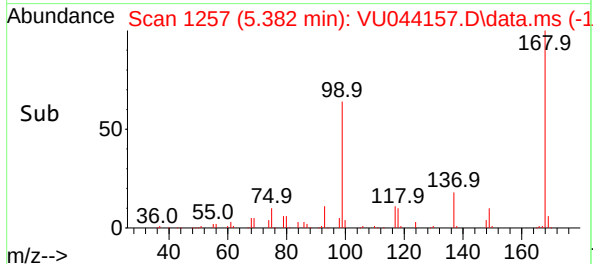
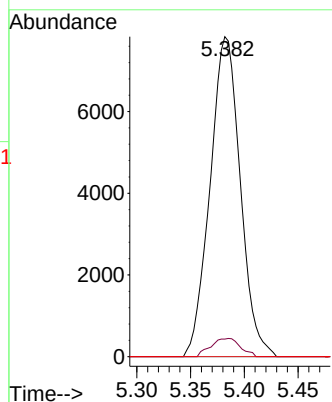


#38
Carbon Tetrachloride
Concen: 5.136 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

Instrument :
MSVOA_U
ClientSampleId :

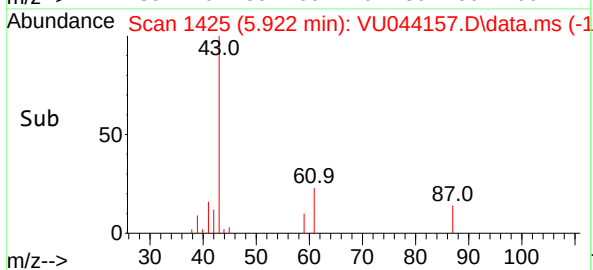
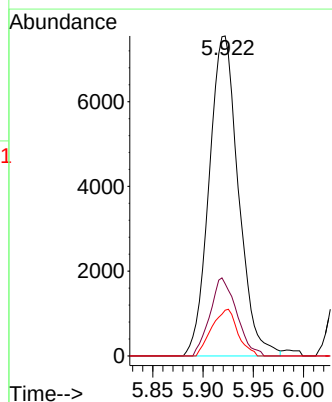
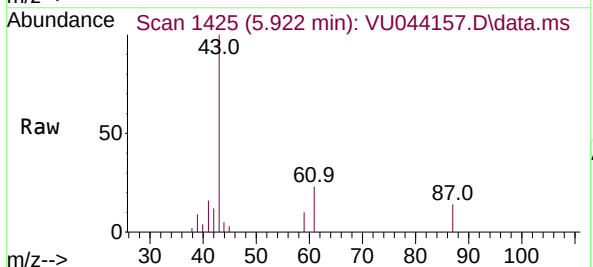


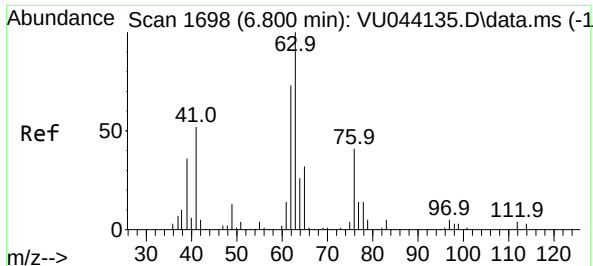
Tgt Ion:117 Resp: 15313
Ion Ratio Lower Upper
117 100
119 5.5 76.6 114.8#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 2.731 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

Tgt Ion: 43 Resp: 15323
Ion Ratio Lower Upper
43 100
61 22.2 17.8 26.8
87 12.9 11.1 16.7



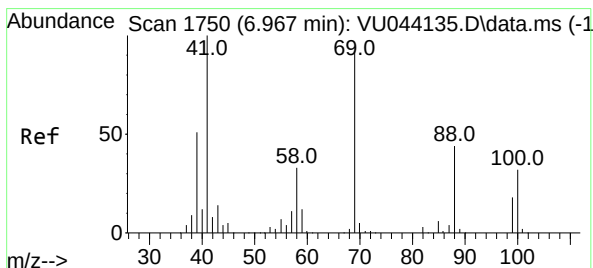
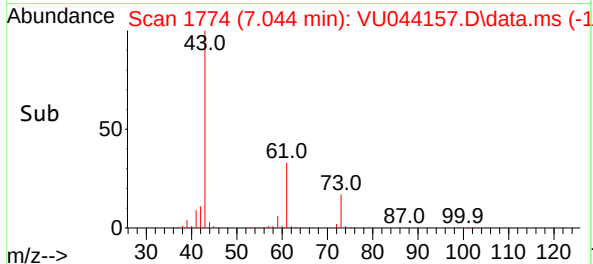
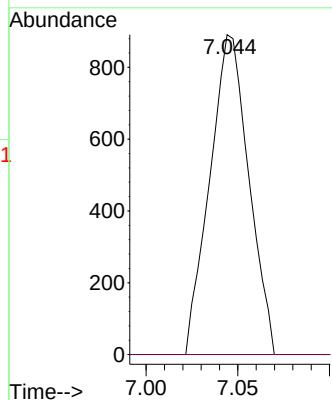
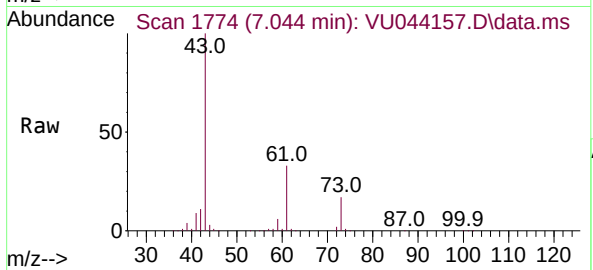


#45

1,2-Dichloropropane
Concen: 0.496 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.244 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

Instrument :
MSVOA_U
ClientSampled :

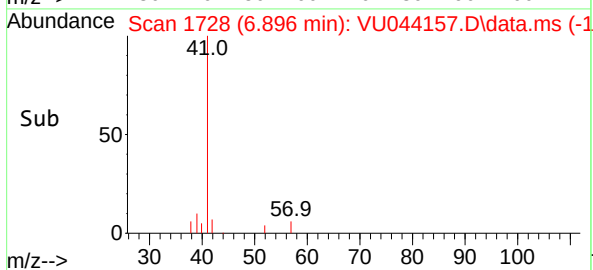
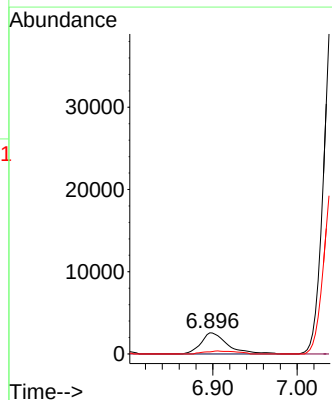
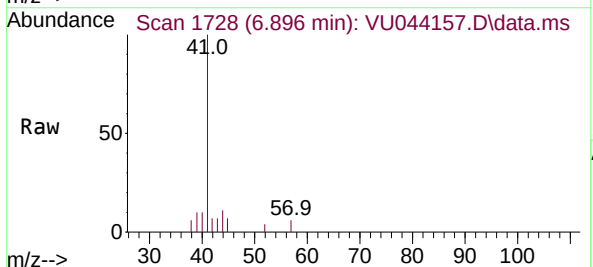
Tgt Ion: 63 Resp: 1318
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

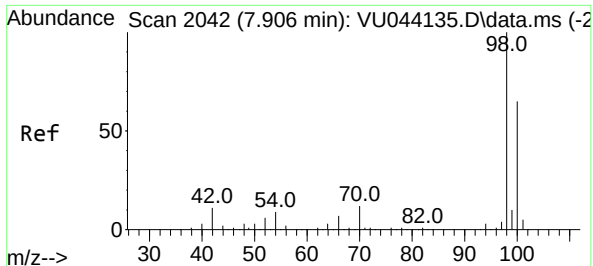


#48

Methyl methacrylate
Concen: 2.076 ug/l
RT: 6.896 min Scan# 1728
Delta R.T. -0.071 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

Tgt Ion: 41 Resp: 5669
Ion Ratio Lower Upper
41 100
69 0.0 74.0 111.0#
39 0.0 41.5 62.3#

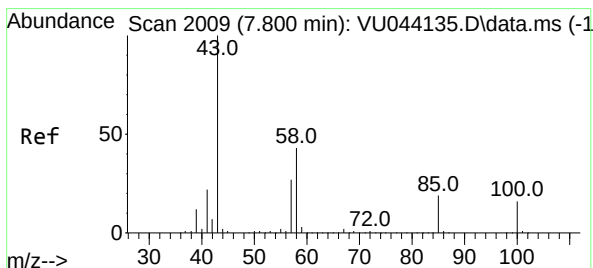
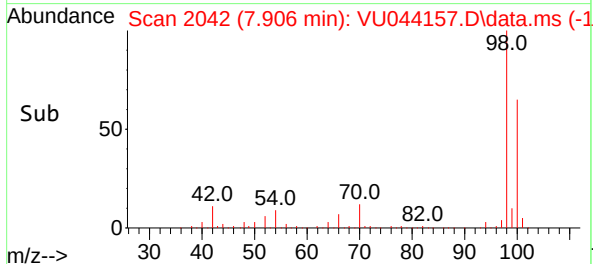
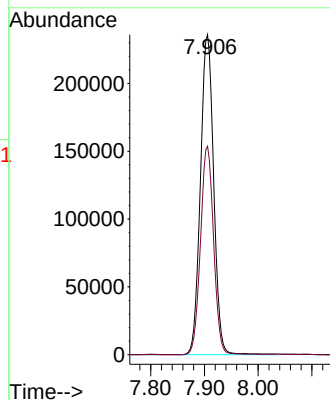
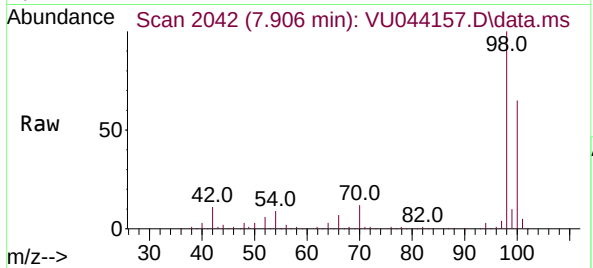




#50
Toluene-d8
Concen: 50.856 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

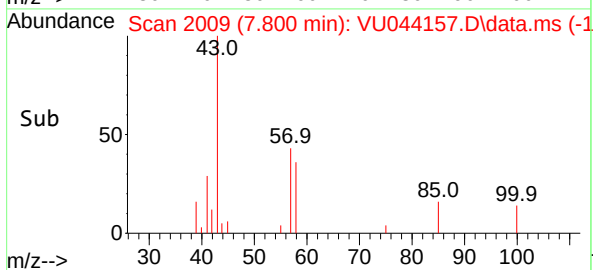
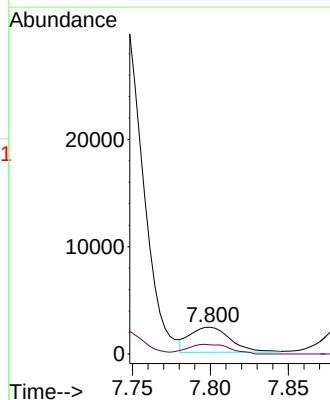
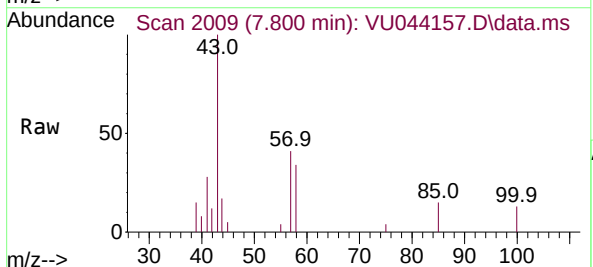
Instrument :
MSVOA_U
ClientSampled :

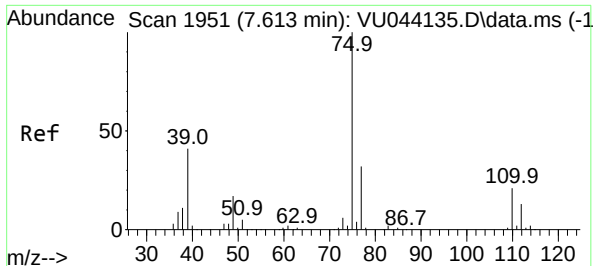
Tgt Ion: 98 Resp: 403268
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.047 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

Tgt Ion: 43 Resp: 4251
Ion Ratio Lower Upper
43 100
58 39.9 34.5 51.7

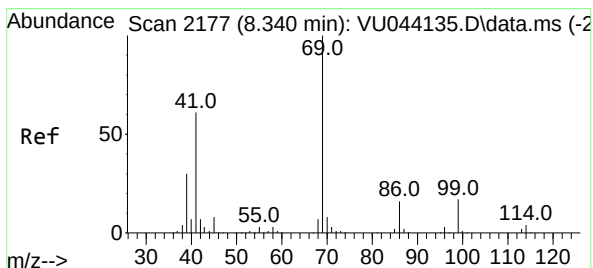
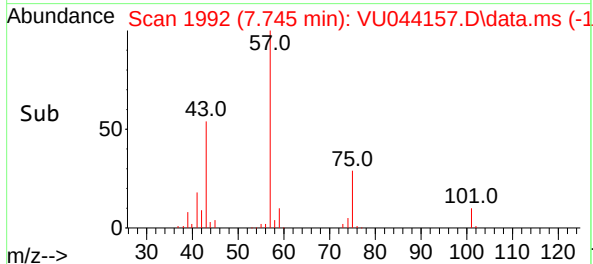
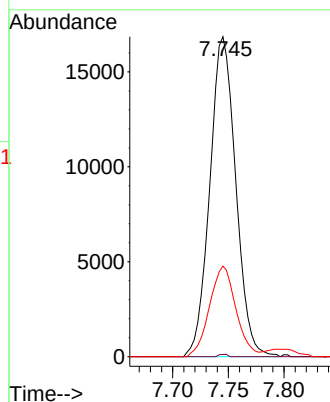
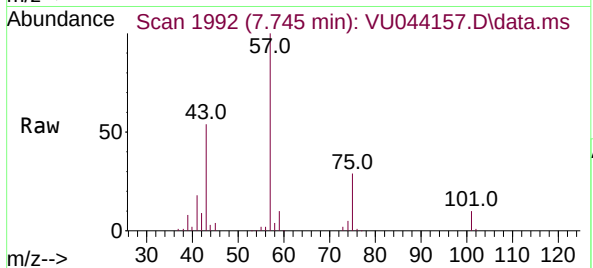




#54
 cis-1,3-Dichloropropene
 Concen: 6.863 ug/l
 RT: 7.745 min Scan# 1992
 Delta R.T. 0.132 min
 Lab File: VU044157.D
 Acq: 10 Jun 2021 15:47

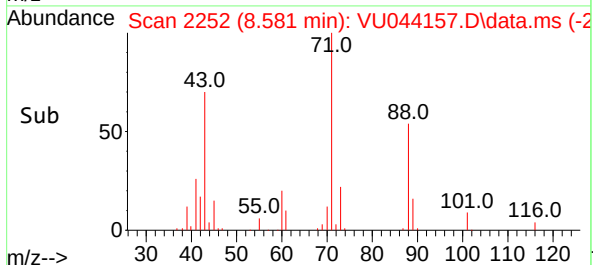
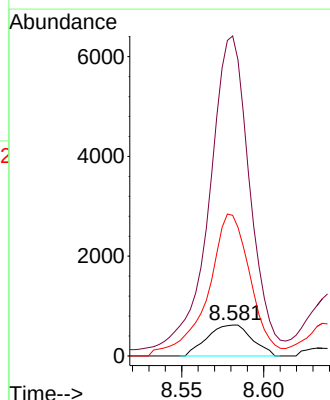
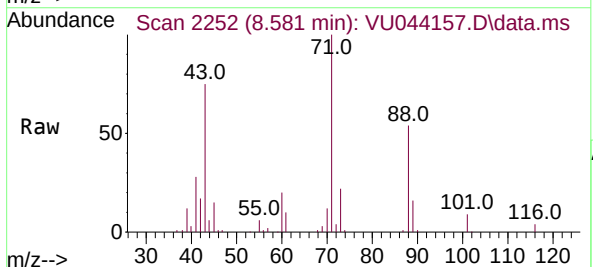
Instrument :
 MSVOA_U
 ClientSampleId :

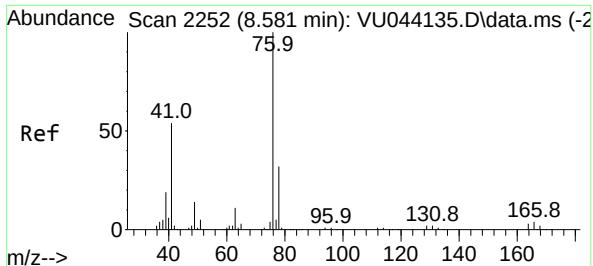
Tgt Ion: 75 Resp: 27315
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.9 38.9#
 39 28.3 33.2 49.8#



#56
 Ethyl methacrylate
 Concen: 0.315 ug/l
 RT: 8.581 min Scan# 2252
 Delta R.T. 0.241 min
 Lab File: VU044157.D
 Acq: 10 Jun 2021 15:47

Tgt Ion: 69 Resp: 1173
 Ion Ratio Lower Upper
 69 100
 41 900.0 48.4 72.6#
 39 437.1 23.6 35.4#



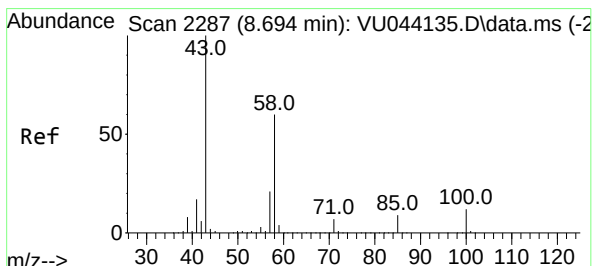
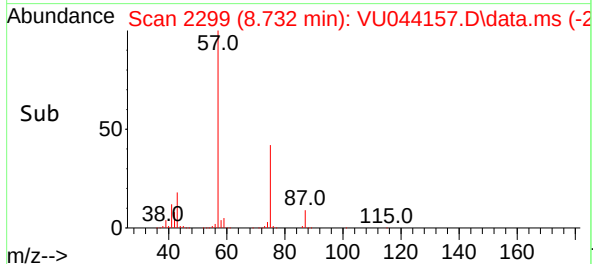
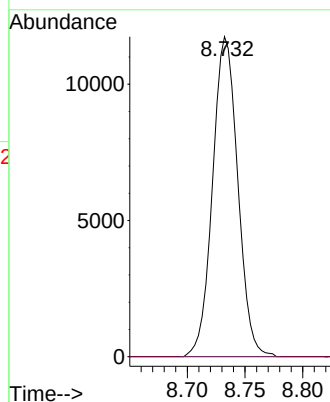
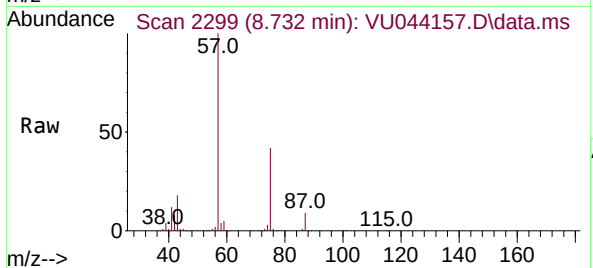


#57

1,3-Dichloropropane
Concen: 4.130 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

Instrument :
MSVOA_U
ClientSampled :

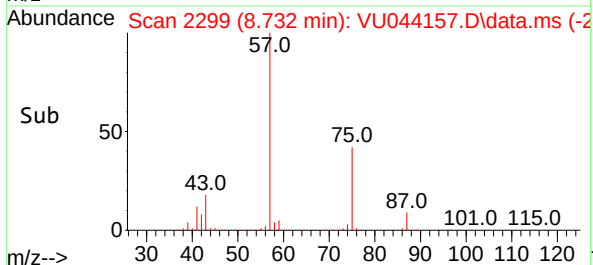
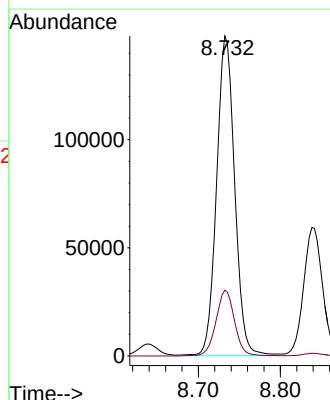
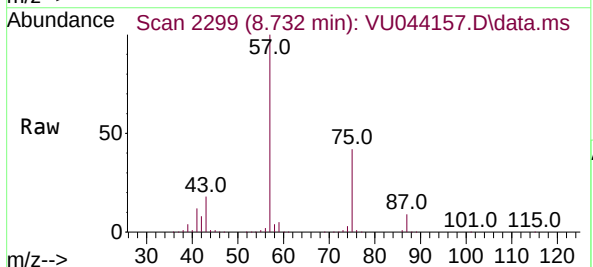
Tgt Ion: 76 Resp: 17853
Ion Ratio Lower Upper
76 100
78 0.0 25.9 38.9#

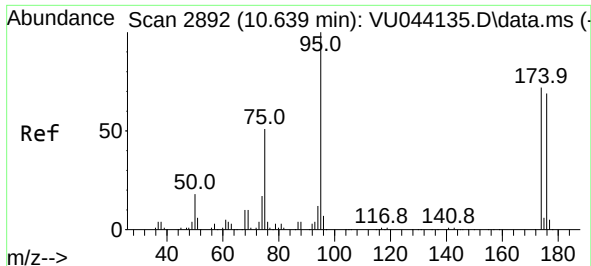


#59

2-Hexanone
Concen: 70.110 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.038 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

Tgt Ion: 43 Resp: 227213
Ion Ratio Lower Upper
43 100
58 21.2 30.0 90.1#

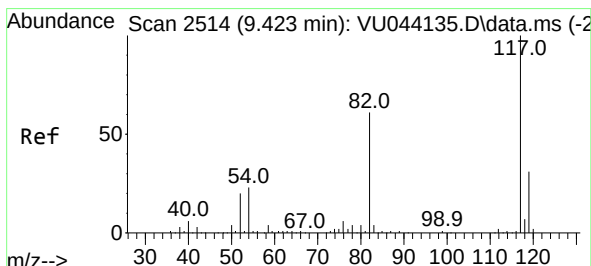
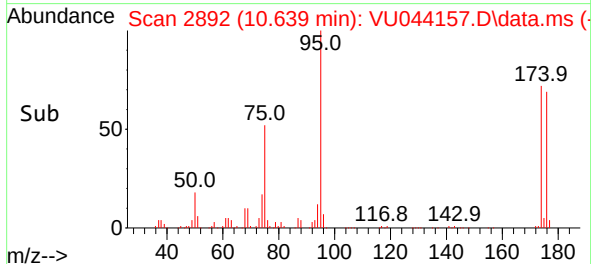
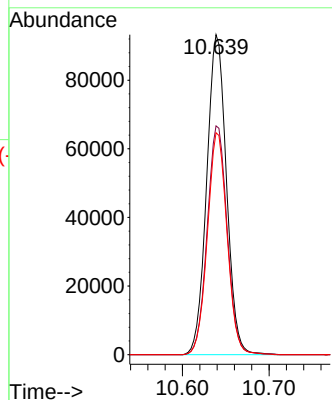
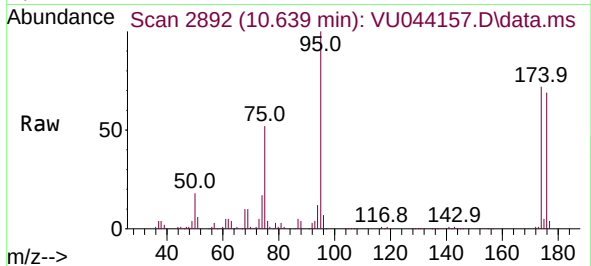




#62
4-Bromofluorobenzene
Concen: 46.539 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

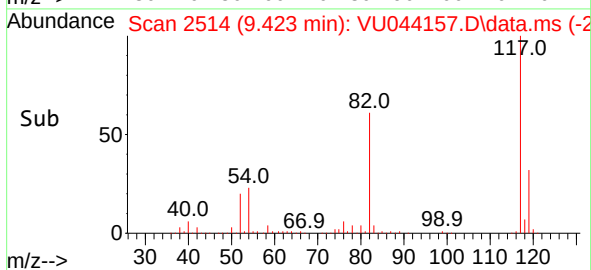
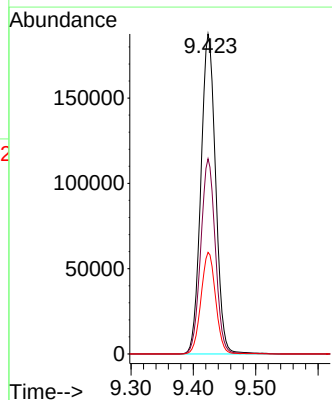
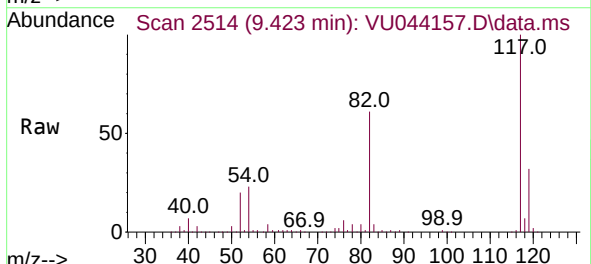
Instrument :
MSVOA_U
ClientSampleId :

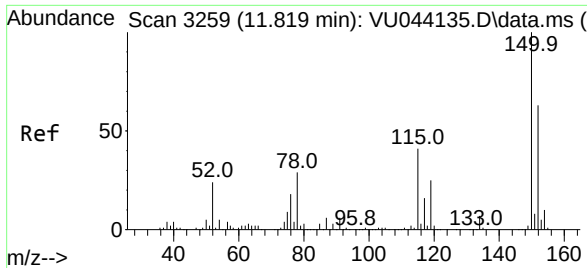
Tgt Ion: 95 Resp: 147891
Ion Ratio Lower Upper
95 100
174 72.4 0.0 144.4
176 69.0 0.0 138.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

Tgt Ion: 117 Resp: 308561
Ion Ratio Lower Upper
117 100
82 61.0 48.8 73.2
119 31.7 25.0 37.6

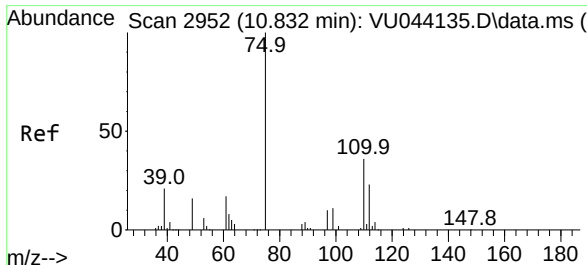
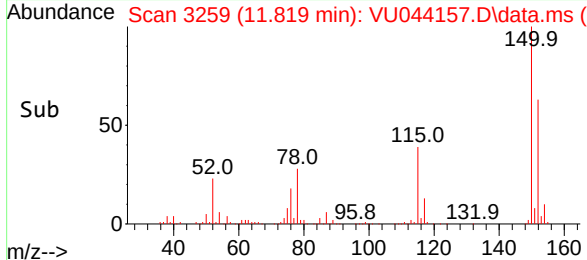
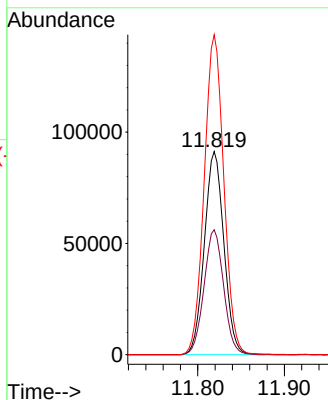
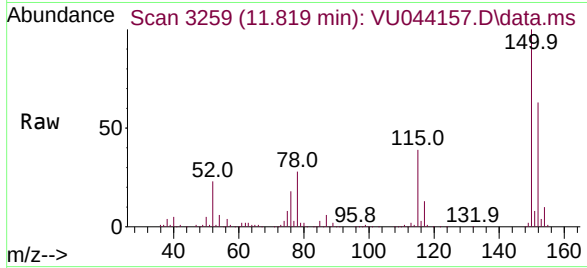




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.000 min
 Lab File: VU044157.D
 Acq: 10 Jun 2021 15:47

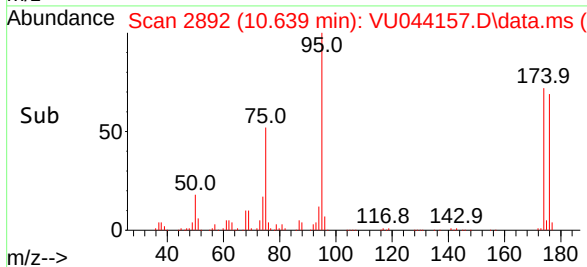
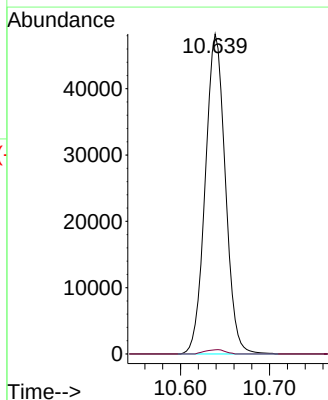
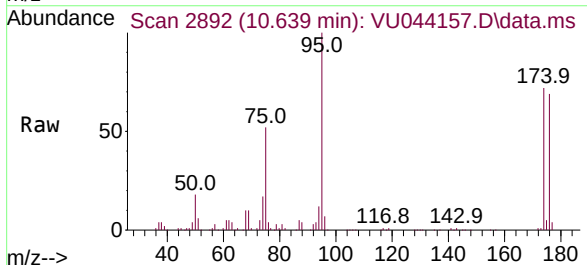
Instrument :
 MSVOA_U
 ClientSampled :

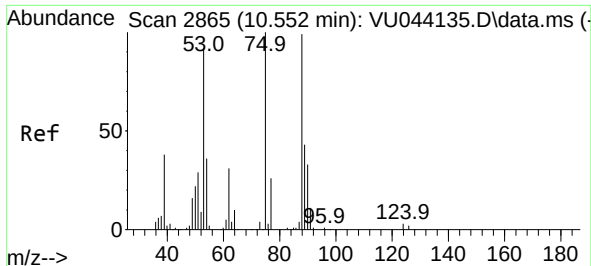
Tgt Ion:152 Resp: 143267
 Ion Ratio Lower Upper
 152 100
 115 61.7 43.8 131.3
 150 157.7 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 15.714 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.193 min
 Lab File: VU044157.D
 Acq: 10 Jun 2021 15:47

Tgt Ion: 75 Resp: 75483
 Ion Ratio Lower Upper
 75 100
 77 1.3 14.9 44.5#

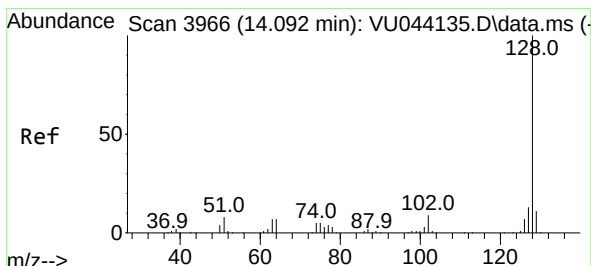
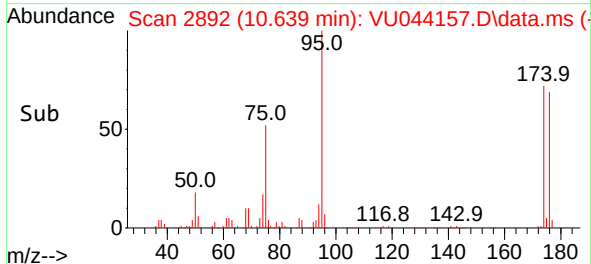
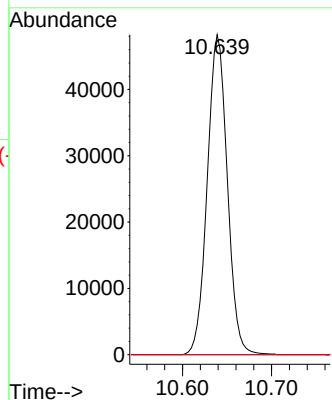
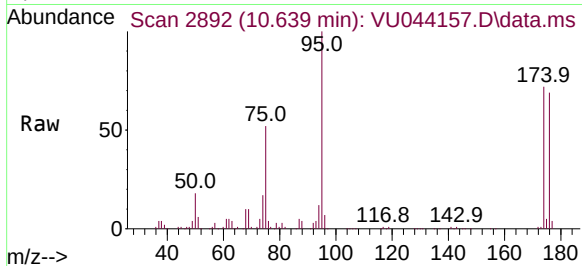




#81
trans-1,4-Dichloro-2-butene
Concen: 56.964 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 75483
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#



#95
Naphthalene
Concen: 2.923 ug/l
RT: 14.099 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU044157.D
Acq: 10 Jun 2021 15:47

Tgt Ion:128 Resp: 931
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 4.4 8.6 13.0#

