

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061021\
 Data File : VU044150.D
 Acq On : 10 Jun 2021 13:02
 Operator : SY/MD
 Sample : M2626-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 11 01:19:37 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)

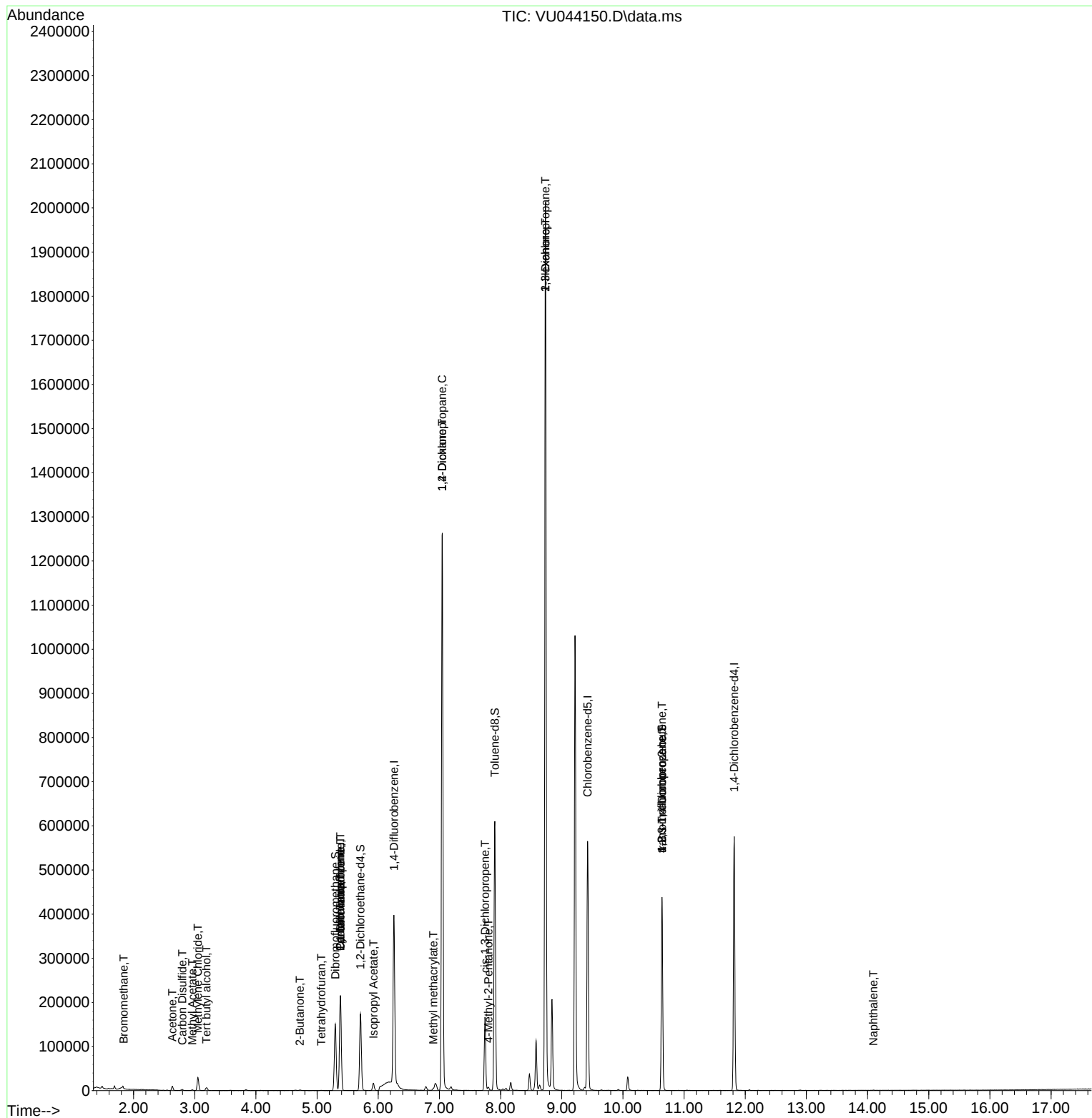
Internal Standards						
1) Pentafluorobenzene	5.382	168	140748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	292548	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	300718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	141885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	127450	56.942	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.880%	
35) Dibromofluoromethane	5.298	113	97527	47.924	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.840%	
50) Toluene-d8	7.906	98	389215	49.800	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.600%	
62) 4-Bromofluorobenzene	10.639	95	151412	48.342	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	747	Below Cal		90
5) Bromomethane	1.838	94	309	0.316 ug/l #		54
6) Chloroethane	1.916	64	222	Below Cal #		42
11) Tert butyl alcohol	3.189	59	4648	7.719 ug/l #		73
13) Acrolein	2.491	56	367	Below Cal		95
16) Acetone	2.633	43	11573	7.940 ug/l		99
17) Carbon Disulfide	2.797	76	2279	0.410 ug/l #		75
18) Methyl Acetate	2.961	43	2571	0.893 ug/l #		84
20) Methylene Chloride	3.051	84	14008	5.887 ug/l		94
25) 2-Butanone	4.716	43	2243	1.201 ug/l #		88
29) Tetrahydrofuran	5.070	42	505	0.497 ug/l #		42
31) Cyclohexane	5.382	56	3037	0.961 ug/l #		1
36) 1,1-Dichloropropene	5.382	75	12989	3.991 ug/l #		49
38) Carbon Tetrachloride	5.382	117	15464	5.263 ug/l #		17
43) Isopropyl Acetate	5.922	43	17662	3.194 ug/l		98
45) 1,2-Dichloropropane	7.044	63	1555	0.594 ug/l #		43
48) Methyl methacrylate	6.899	41	6194	2.302 ug/l #		11
49) 1,4-Dioxane	7.044	88	123	1.748 ug/l #		1
51) 4-Methyl-2-Pentanone	7.803	43	4913	1.228 ug/l		92
54) cis-1,3-Dichloropropene	7.745	75	29428	7.502 ug/l #		64
57) 1,3-Dichloropropane	8.732	76	20176	4.736 ug/l #		43
59) 2-Hexanone	8.732	43	263684	82.552 ug/l #		48
76) 1,2,3-Trichloropropane	10.639	75	77223	16.233 ug/l #		47
81) trans-1,4-Dichloro-2-b...	10.639	75	77223	58.845 ug/l #		13
95) Naphthalene	14.095	128	911	2.922 ug/l #		69

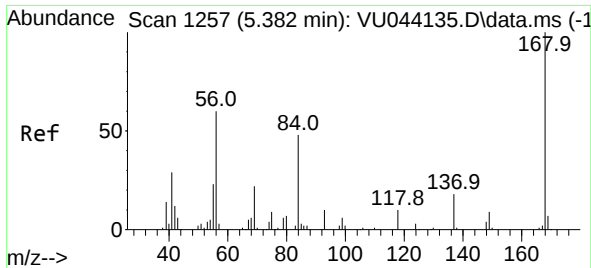
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 10 05:11:37 2021
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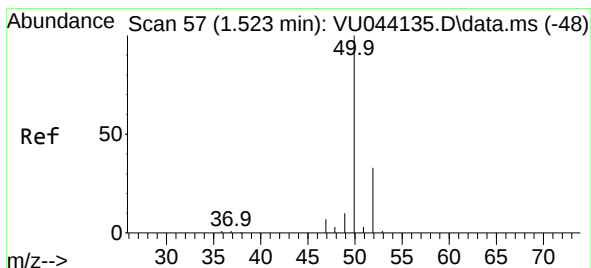
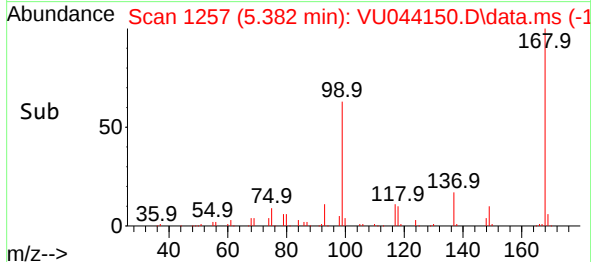
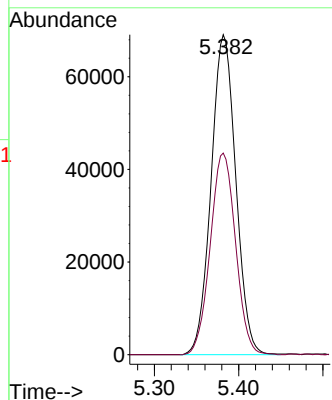
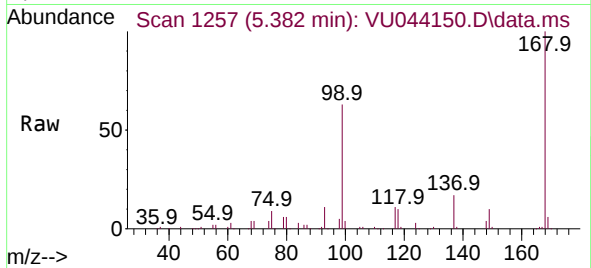




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

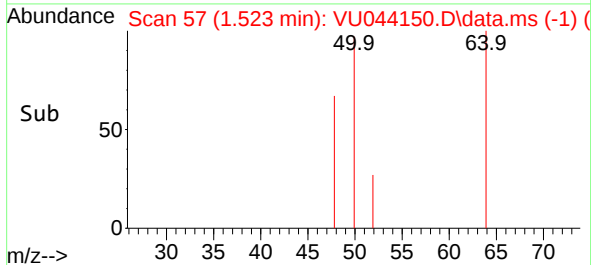
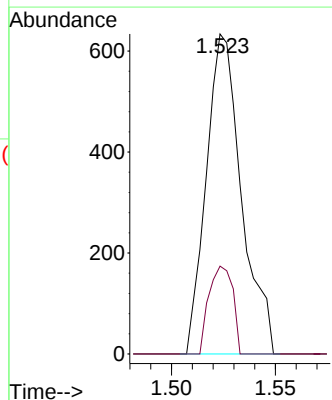
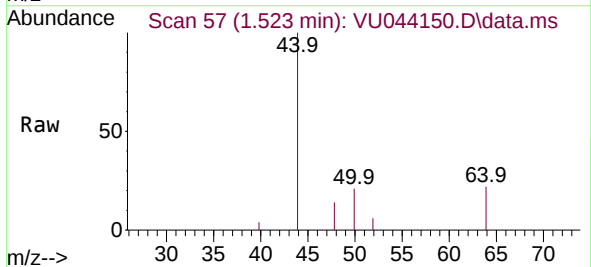
Instrument :
MSVOA_U
ClientSampled :

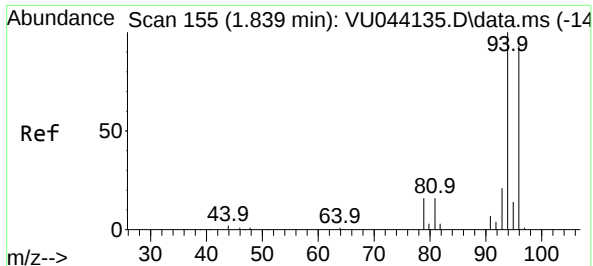
Tgt Ion:168 Resp: 140748
Ion Ratio Lower Upper
168 100
99 63.0 51.3 76.9



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

Tgt Ion: 50 Resp: 747
Ion Ratio Lower Upper
50 100
52 27.4 26.6 39.8

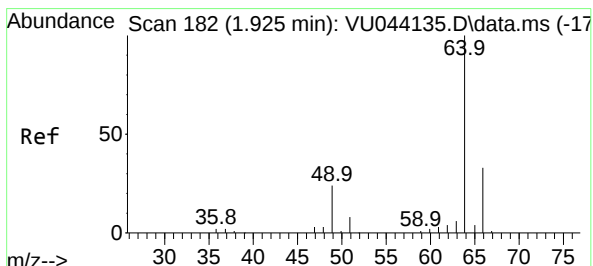
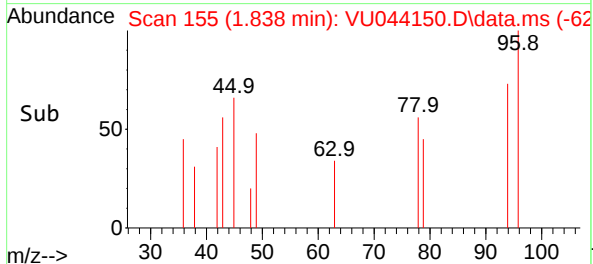
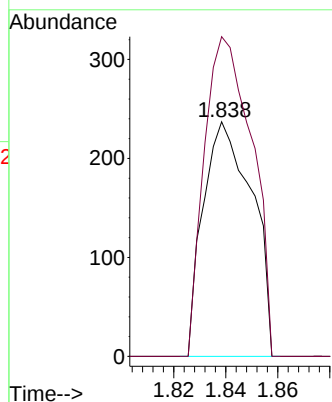
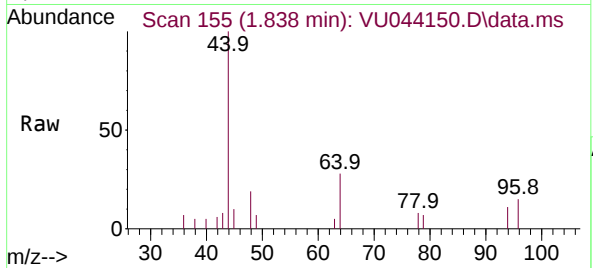




#5
Bromomethane
Concen: 0.316 ug/l
RT: 1.838 min Scan# 155
Delta R.T. -0.001 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

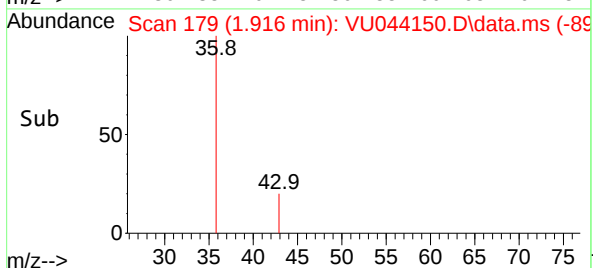
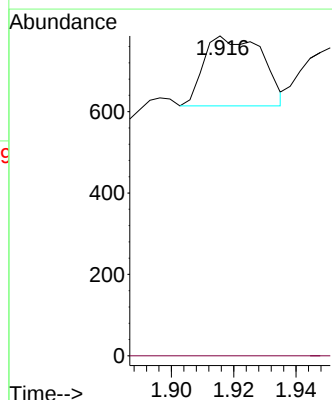
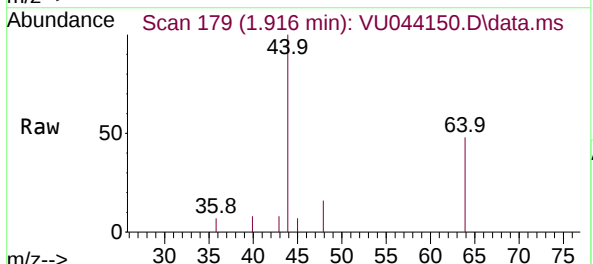
Instrument :
MSVOA_U
ClientSampleId :

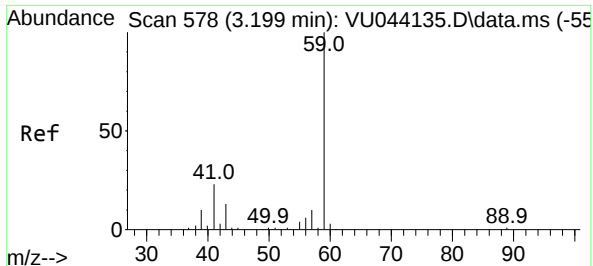
Tgt Ion: 94 Resp: 309
Ion Ratio Lower Upper
94 100
96 136.3 74.1 111.1#



#6
Chloroethane
Concen: Below Cal
RT: 1.916 min Scan# 179
Delta R.T. -0.009 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

Tgt Ion: 64 Resp: 222
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#

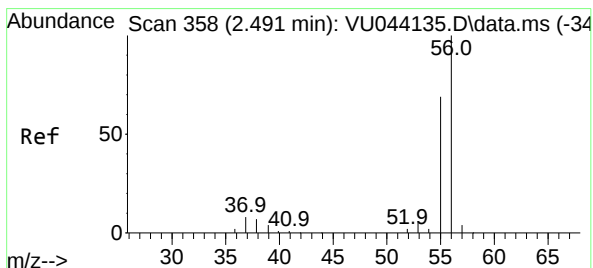
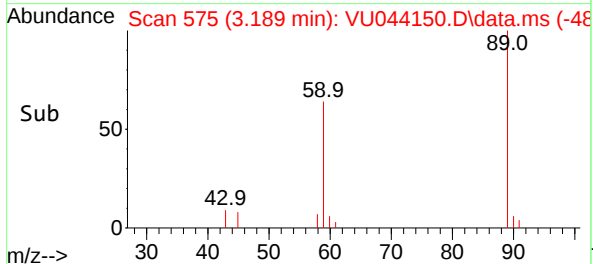
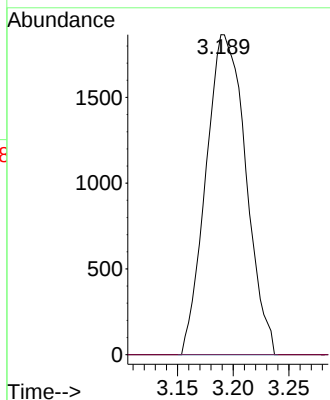
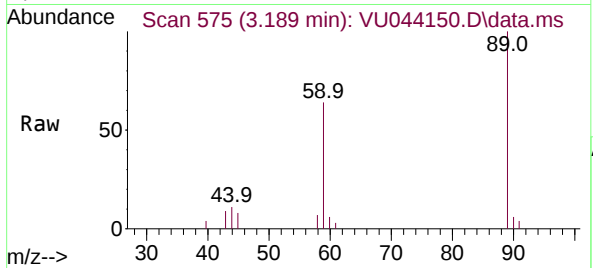




#11
Tert butyl alcohol
Concen: 7.719 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.010 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

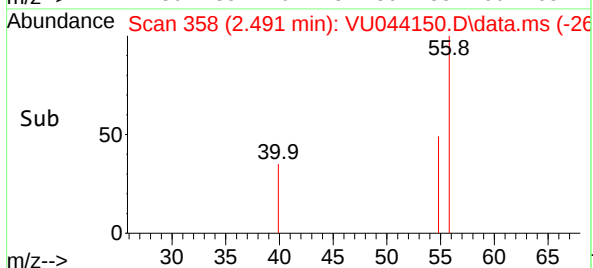
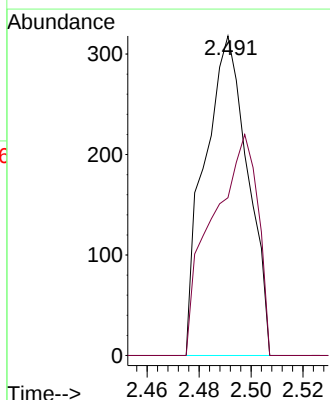
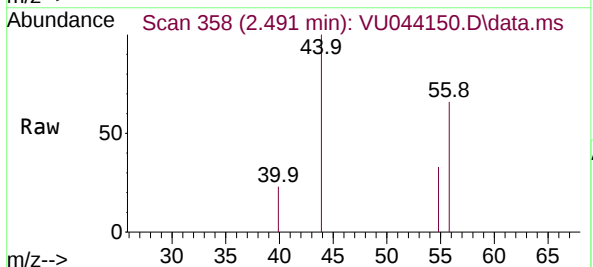
Instrument :
MSVOA_U
ClientSampled :

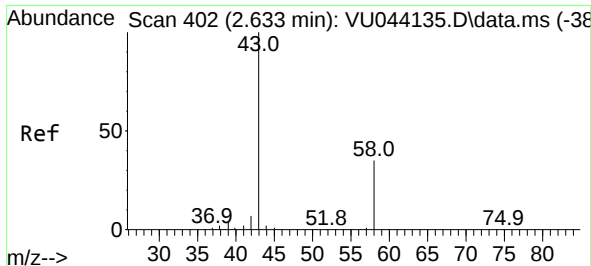
Tgt Ion: 59 Resp: 4648
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: Below Cal
RT: 2.491 min Scan# 358
Delta R.T. 0.000 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

Tgt Ion: 56 Resp: 367
Ion Ratio Lower Upper
56 100
55 72.8 55.1 82.7

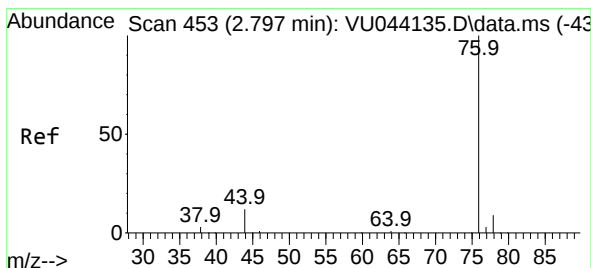
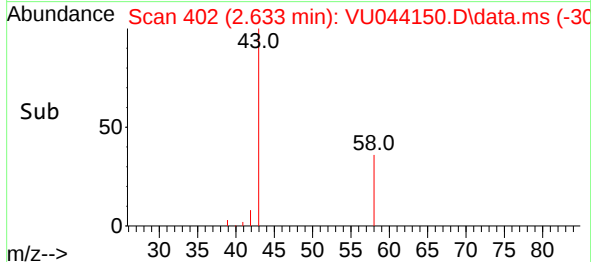
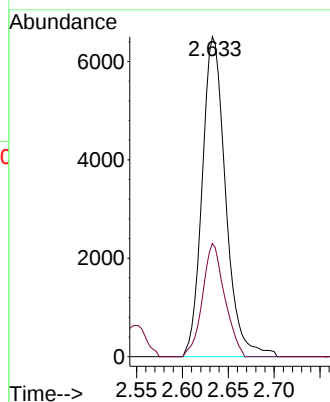
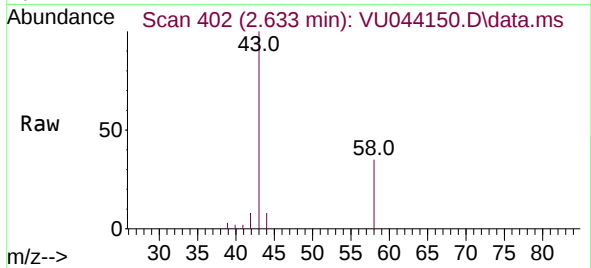




#16
Acetone
Concen: 7.940 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.000 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

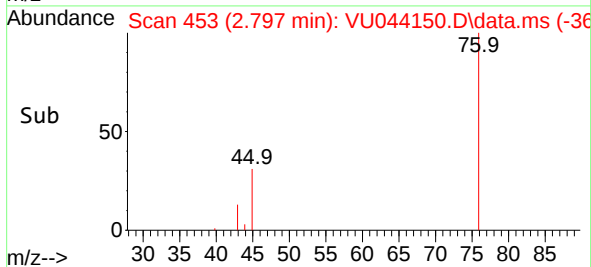
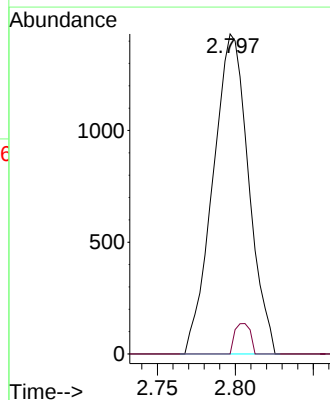
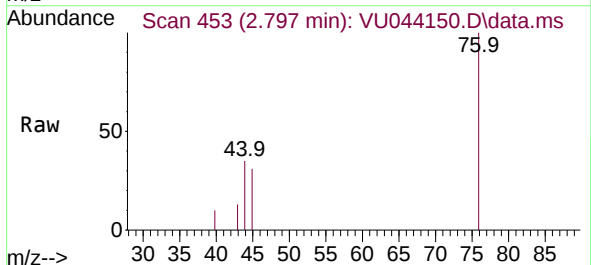
Instrument :
MSVOA_U
ClientSampled :

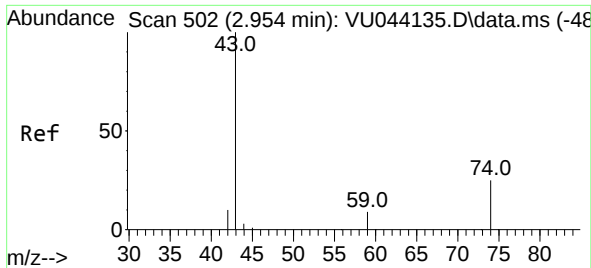
Tgt Ion: 43 Resp: 11573
Ion Ratio Lower Upper
43 100
58 35.4 28.0 42.0



#17
Carbon Disulfide
Concen: 0.410 ug/l
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

Tgt Ion: 76 Resp: 2279
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

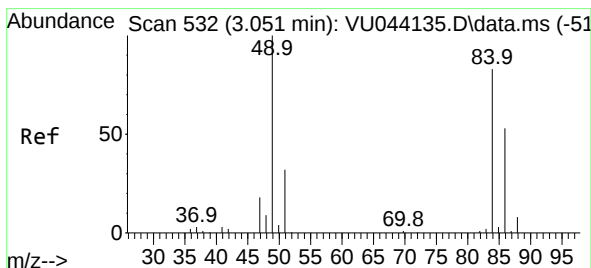
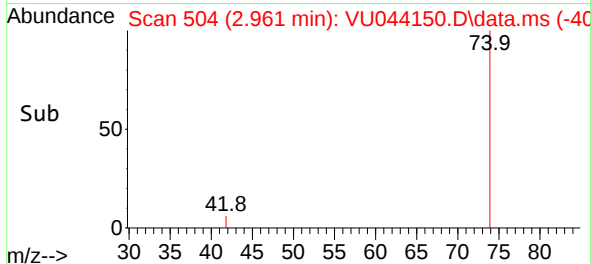
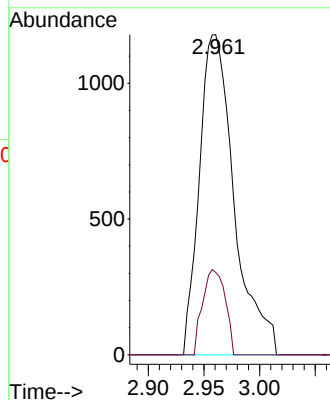
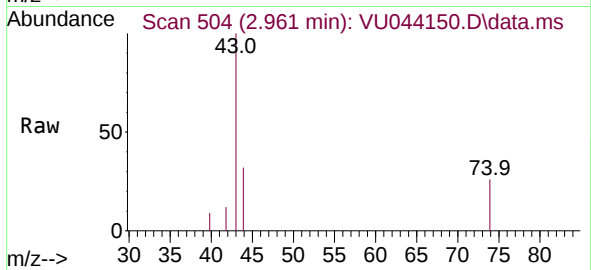




#18
Methyl Acetate
Concen: 0.893 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.007 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

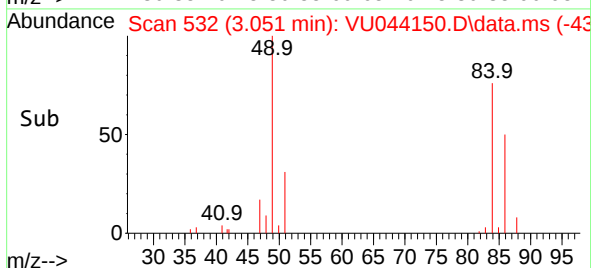
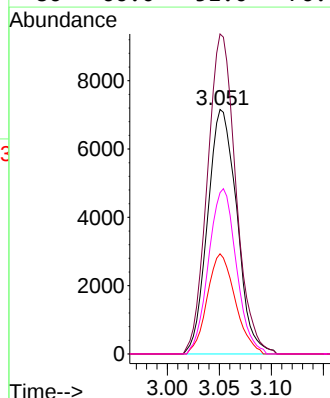
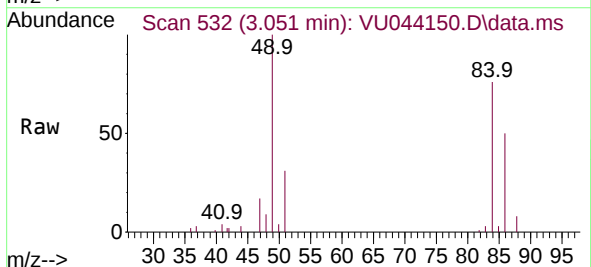
Instrument :
MSVOA_U
ClientSampled :

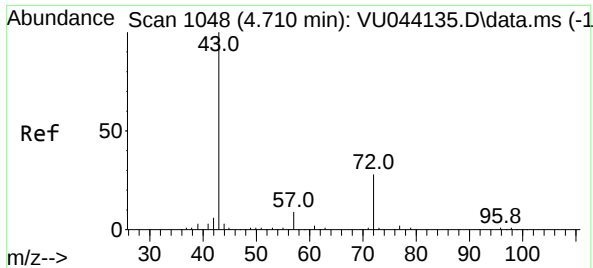
Tgt Ion: 43 Resp: 2571
Ion Ratio Lower Upper
43 100
74 17.1 20.3 30.5#



#20
Methylene Chloride
Concen: 5.887 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

Tgt Ion: 84 Resp: 14008
Ion Ratio Lower Upper
84 100
49 130.9 96.9 145.3
51 41.0 31.0 46.6
86 66.0 51.0 76.6

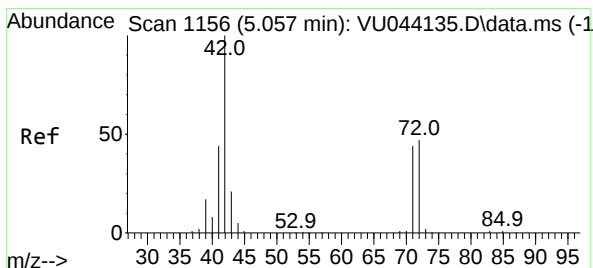
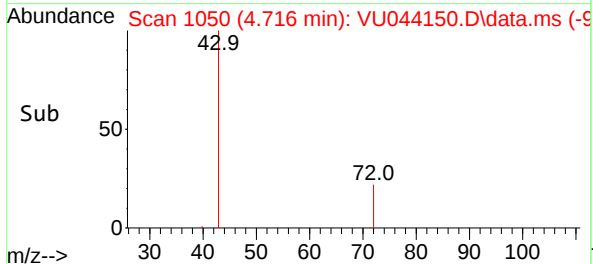
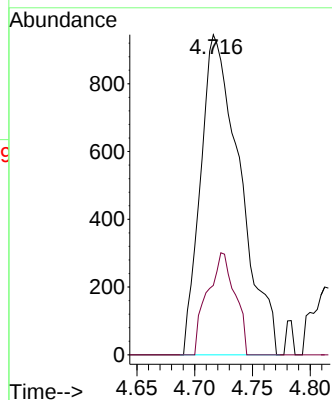
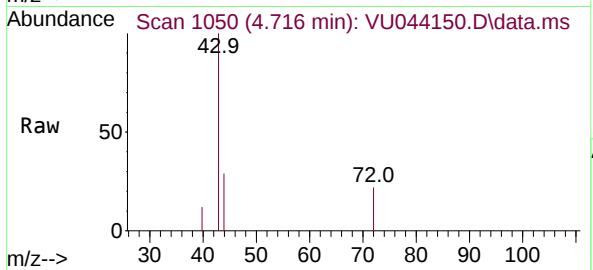




#25
2-Butanone
Concen: 1.201 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

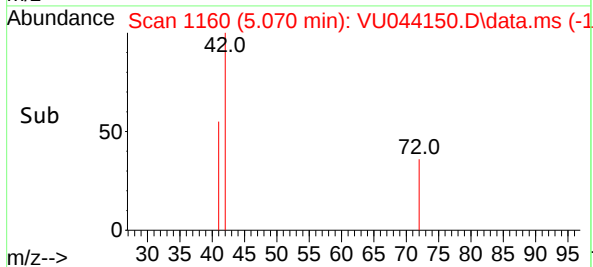
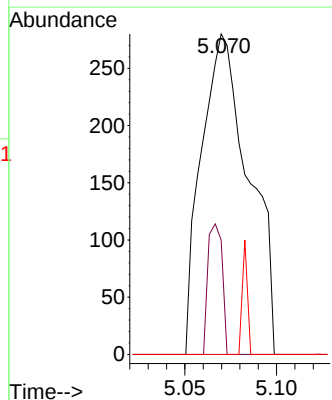
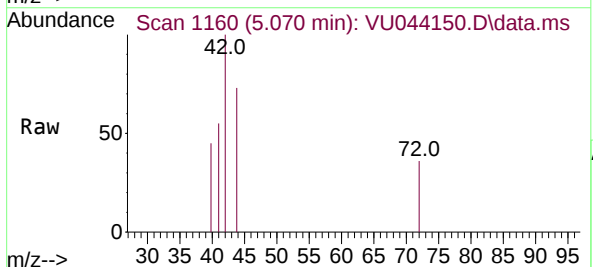
Instrument :
MSVOA_U
ClientSampled :

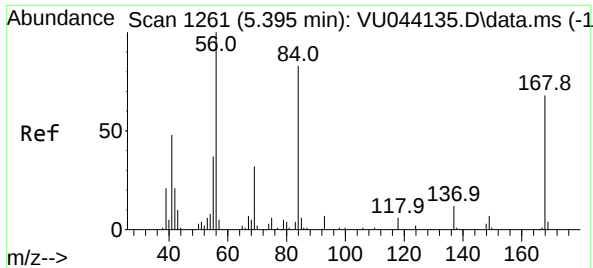
Tgt Ion: 43 Resp: 2243
Ion Ratio Lower Upper
43 100
72 21.7 22.6 33.8#



#29
Tetrahydrofuran
Concen: 0.497 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.013 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

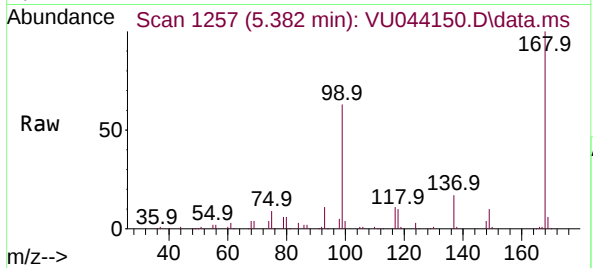
Tgt Ion: 42 Resp: 505
Ion Ratio Lower Upper
42 100
72 12.3 38.6 57.8#
71 3.8 35.5 53.3#



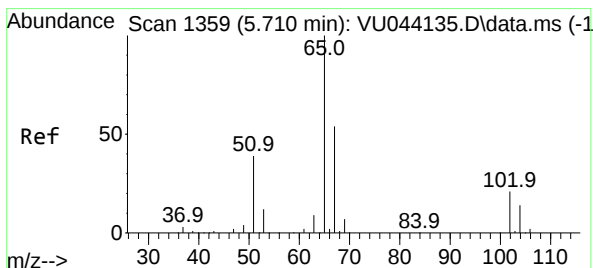
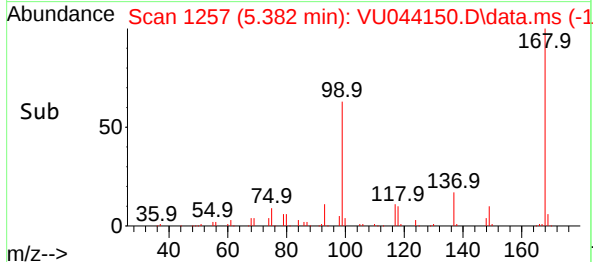
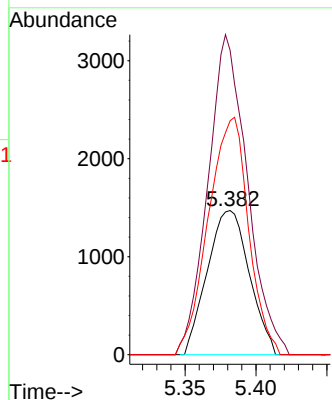


#31
Cyclohexane
Concen: 0.961 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

Instrument :
MSVOA_U
ClientSampled :

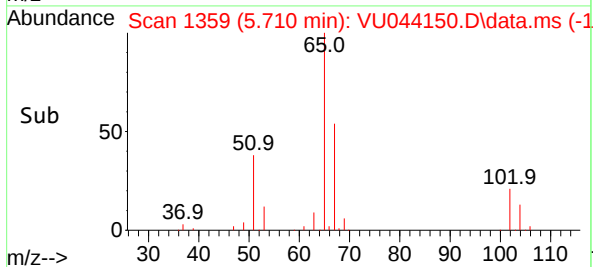
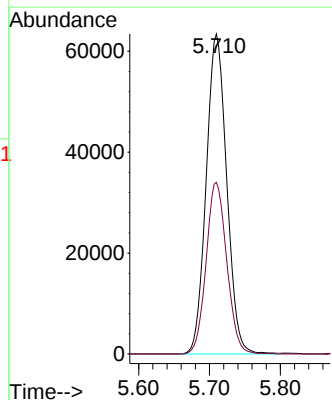
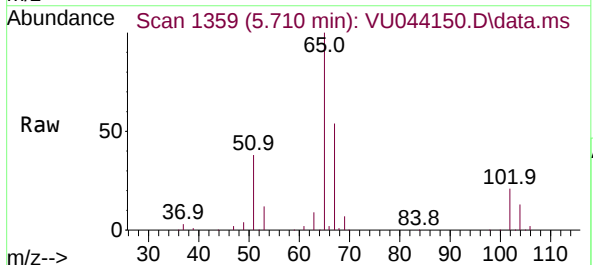


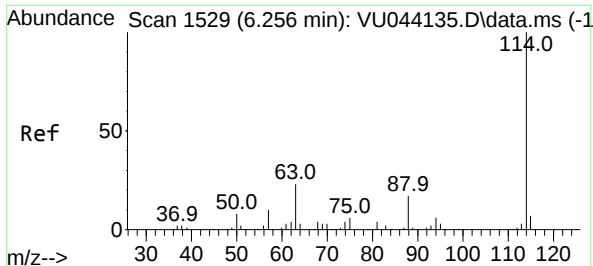
Tgt Ion: 56 Resp: 3037
Ion Ratio Lower Upper
56 100
69 203.9 25.5 38.3#
84 162.2 66.3 99.5#



#33
1,2-Dichloroethane-d4
Concen: 56.942 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

Tgt Ion: 65 Resp: 127450
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.6

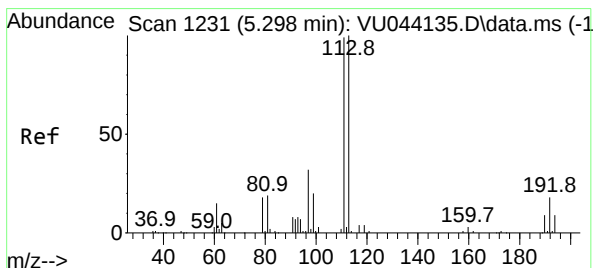
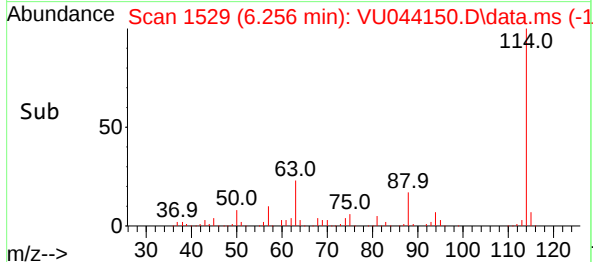
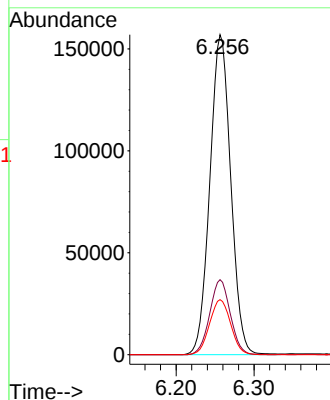
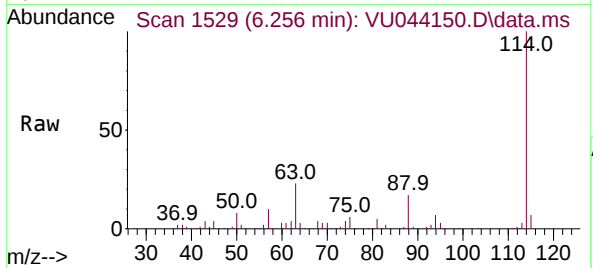




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

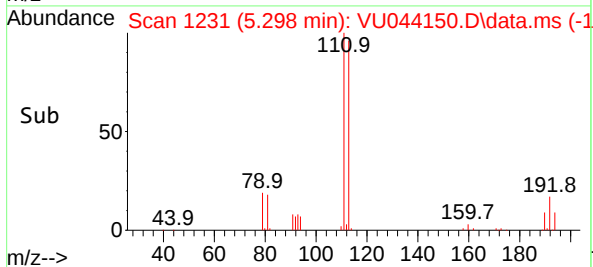
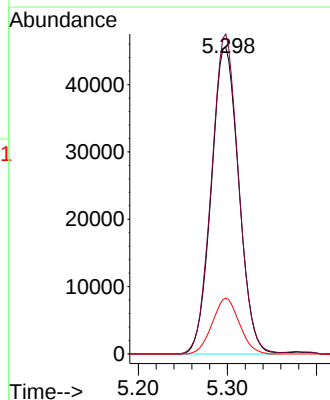
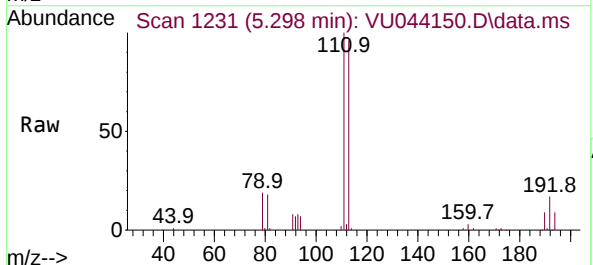
Instrument :
MSVOA_U
ClientSampleId :

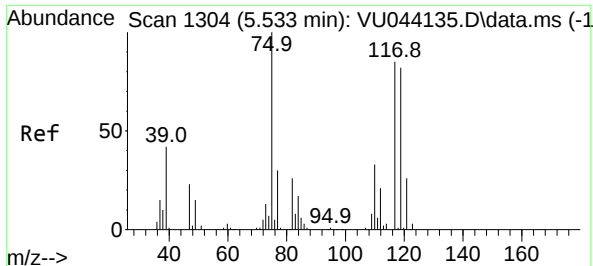
Tgt Ion:114 Resp: 292548
Ion Ratio Lower Upper
114 100
63 23.4 0.0 45.8
88 17.2 0.0 34.0



#35
Dibromofluoromethane
Concen: 47.924 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

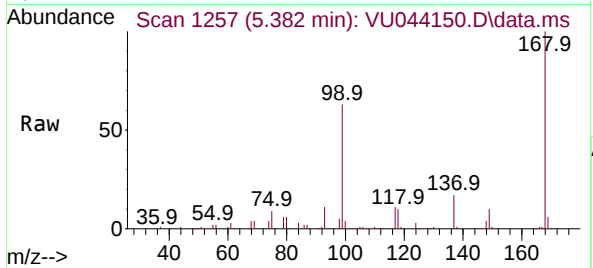
Tgt Ion:113 Resp: 97527
Ion Ratio Lower Upper
113 100
111 102.9 81.0 121.4
192 18.0 14.3 21.5



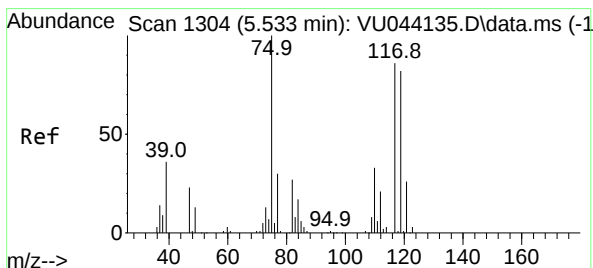
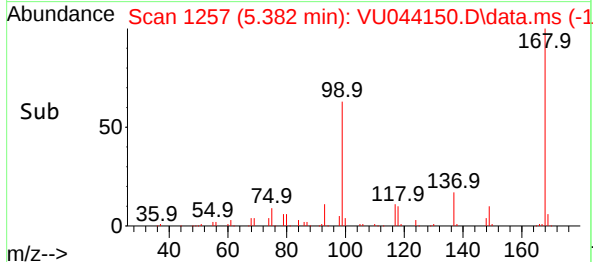
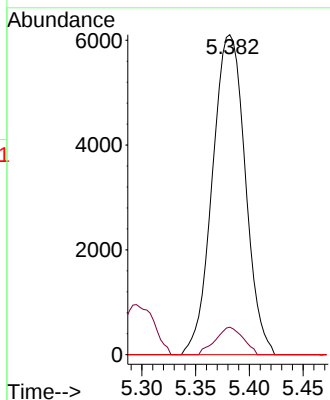


#36
1,1-Dichloropropene
Concen: 3.991 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

Instrument :
MSVOA_U
ClientSampled :

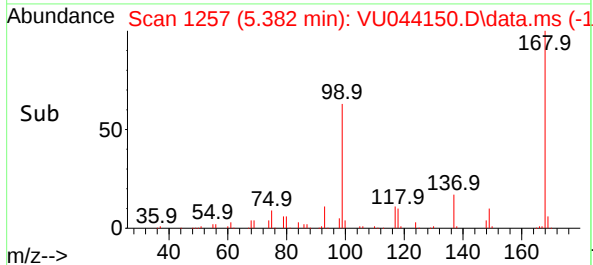
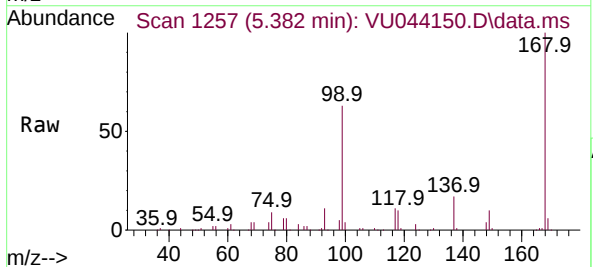
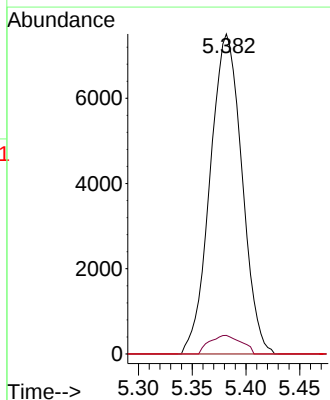


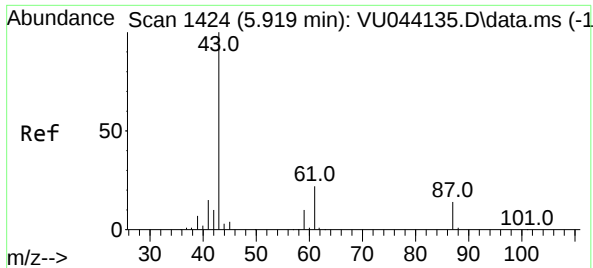
Tgt Ion: 75 Resp: 12989
Ion Ratio Lower Upper
75 100
110 7.2 16.4 49.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.263 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

Tgt Ion:117 Resp: 15464
Ion Ratio Lower Upper
117 100
119 5.8 76.6 114.8#
121 0.0 24.6 36.8#

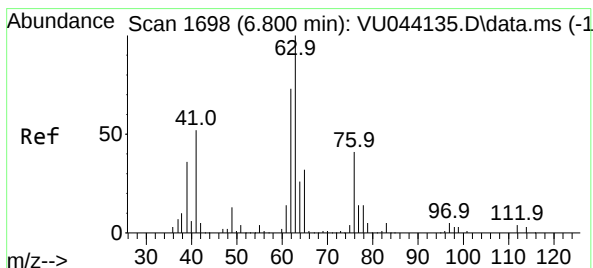
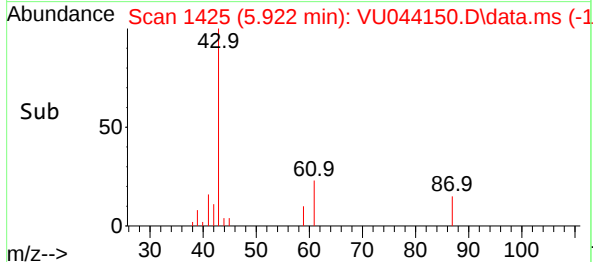
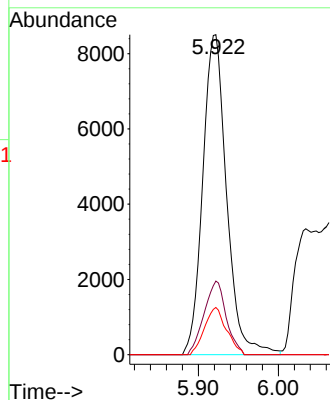
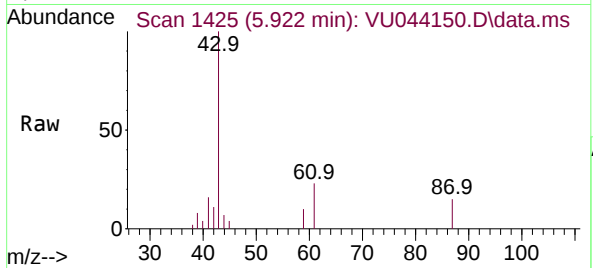




#43
Isopropyl Acetate
Concen: 3.194 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.003 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

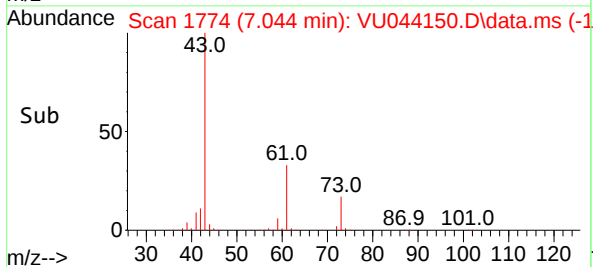
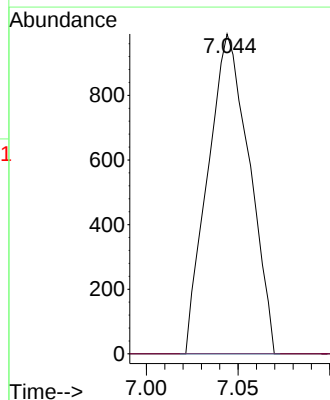
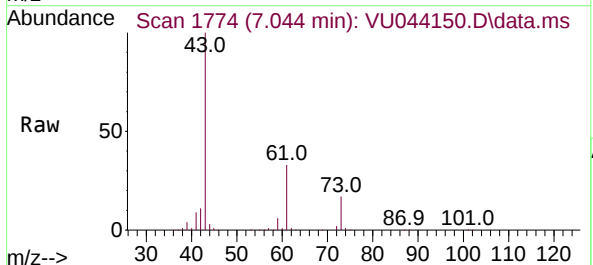
Instrument :
MSVOA_U
ClientSampled :

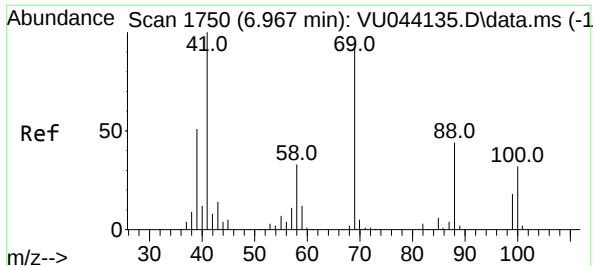
Tgt Ion: 43	Resp: 17662
Ion Ratio	Lower Upper
43	100
61	21.2 17.8 26.8
87	13.5 11.1 16.7



#45
1,2-Dichloropropane
Concen: 0.594 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.244 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

Tgt Ion: 63	Resp: 1555
Ion Ratio	Lower Upper
63	100
65	0.0 25.7 38.5#





#48

Methyl methacrylate

Concen: 2.302 ug/l

RT: 6.899 min Scan# 1729

Delta R.T. -0.068 min

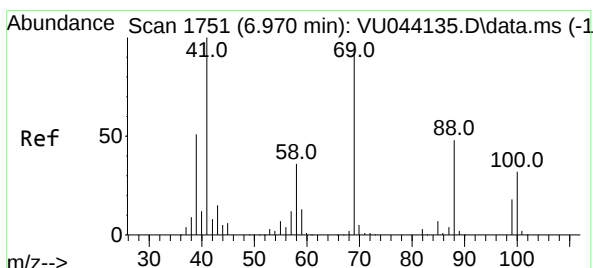
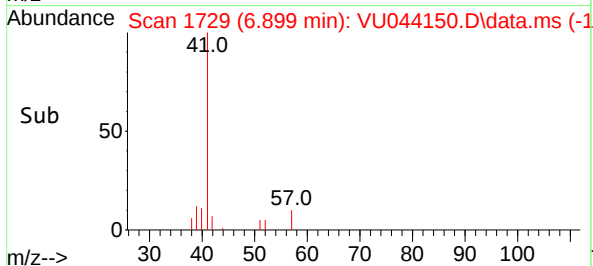
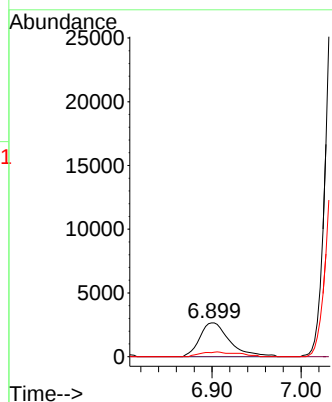
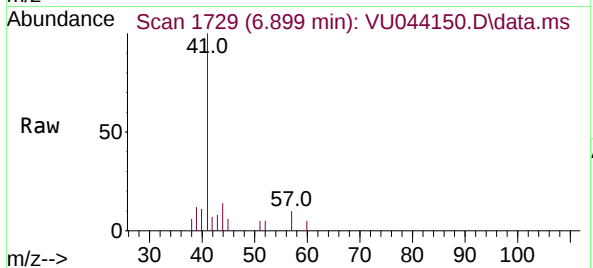
Lab File: VU044150.D

Acq: 10 Jun 2021 13:02

Tgt Ion: 41 Resp: 6194

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.0	111.0#
39	0.0	41.5	62.3#

Instrument :
MSVOA_U
ClientSampled :



#49

1,4-Dioxane

Concen: 1.748 ug/l

RT: 7.044 min Scan# 1774

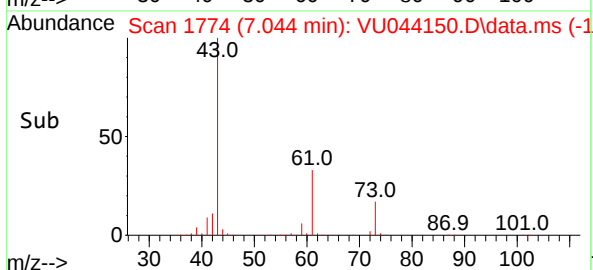
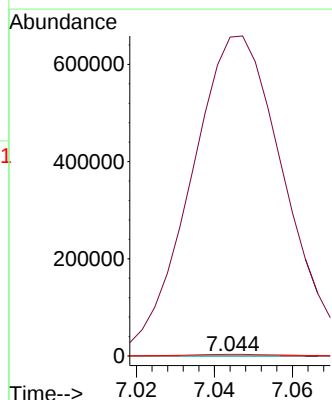
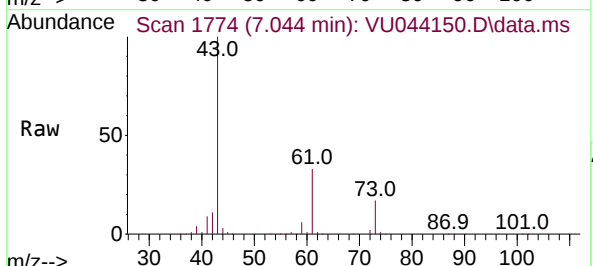
Delta R.T. 0.074 min

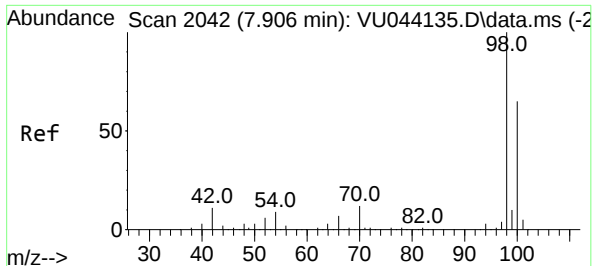
Lab File: VU044150.D

Acq: 10 Jun 2021 13:02

Tgt Ion: 88 Resp: 123

Ion	Ratio	Lower	Upper
88	100		
43	912196.7	23.4	35.0#
58	4635.0	58.1	87.1#

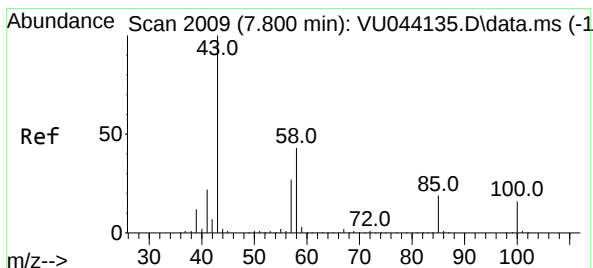
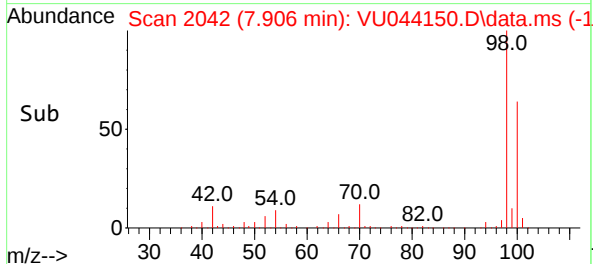
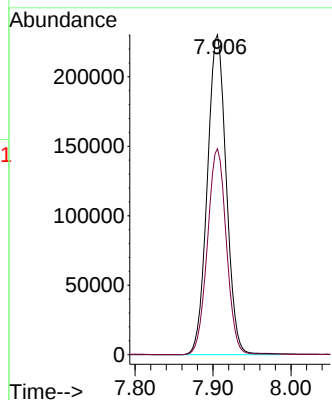
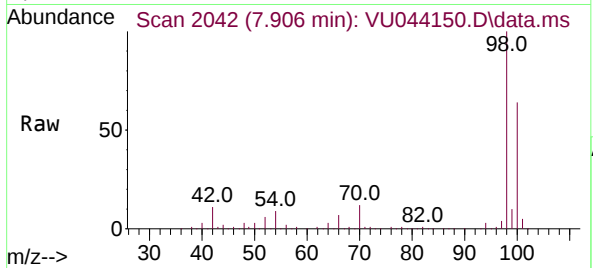




#50
Toluene-d8
Concen: 49.800 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

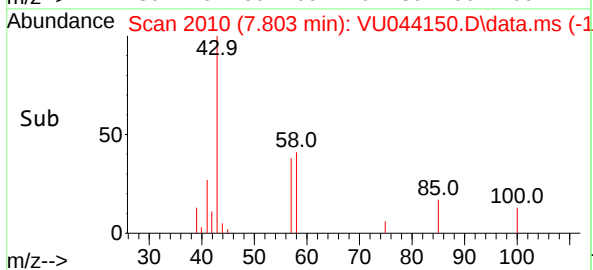
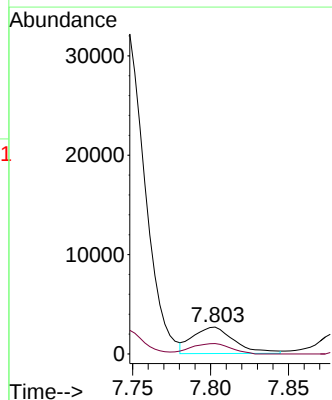
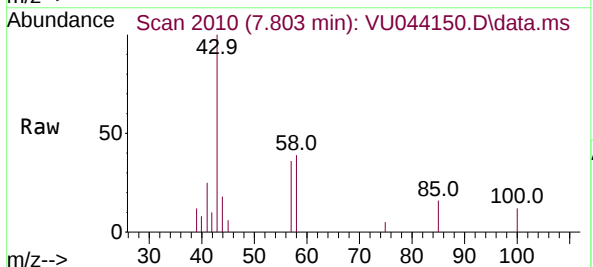
Instrument :
MSVOA_U
ClientSampled :

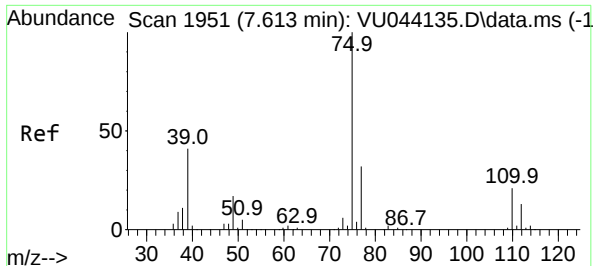
Tgt Ion: 98 Resp: 389215
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.228 ug/l
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

Tgt Ion: 43 Resp: 4913
Ion Ratio Lower Upper
43 100
58 38.3 34.5 51.7



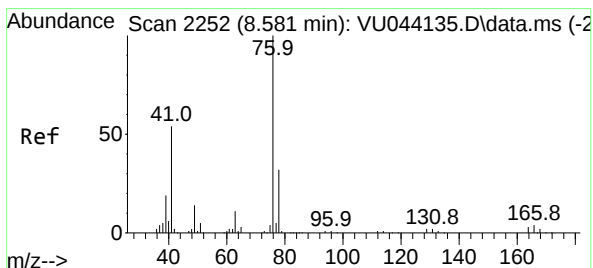
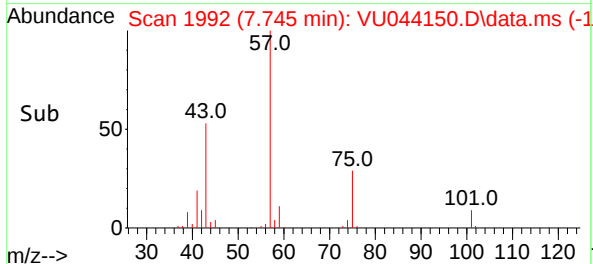
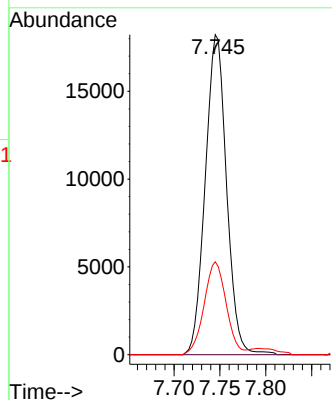
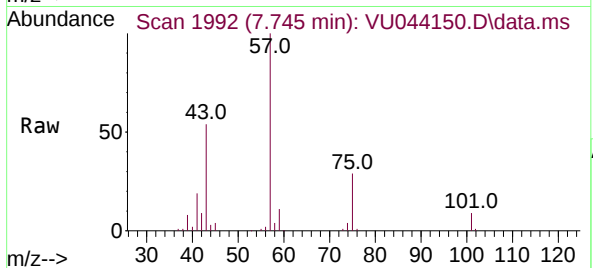


#54

cis-1,3-Dichloropropene
 Concen: 7.502 ug/l
 RT: 7.745 min Scan# 1992
 Delta R.T. 0.132 min
 Lab File: VU044150.D
 Acq: 10 Jun 2021 13:02

Instrument :
 MSVOA_U
 ClientSampled :

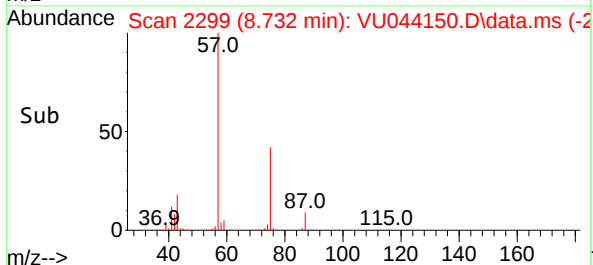
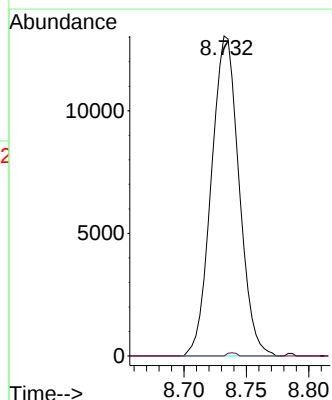
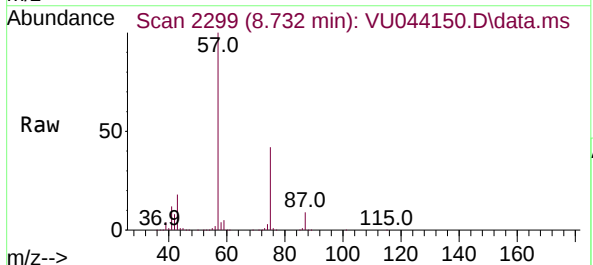
Tgt Ion: 75 Resp: 29428
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.9 38.9#
 39 29.1 33.2 49.8#

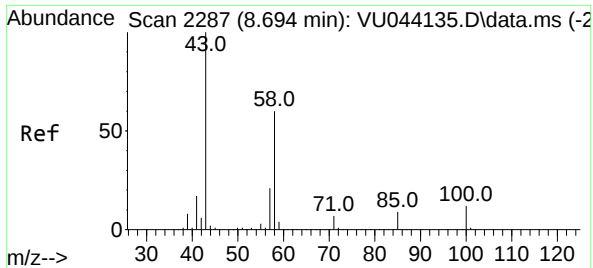


#57

1,3-Dichloropropane
 Concen: 4.736 ug/l
 RT: 8.732 min Scan# 2299
 Delta R.T. 0.151 min
 Lab File: VU044150.D
 Acq: 10 Jun 2021 13:02

Tgt Ion: 76 Resp: 20176
 Ion Ratio Lower Upper
 76 100
 78 0.3 25.9 38.9#

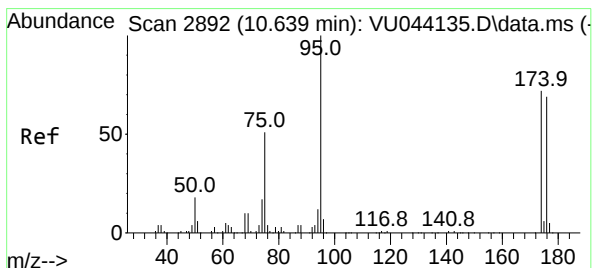
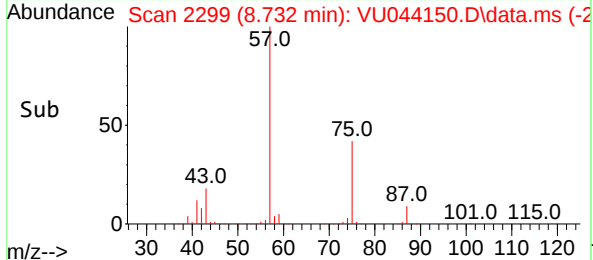
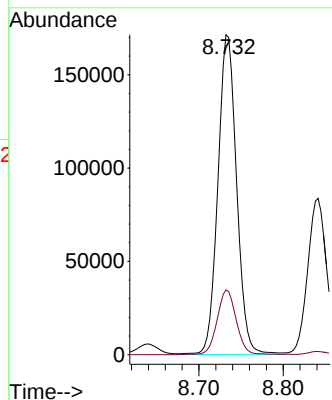
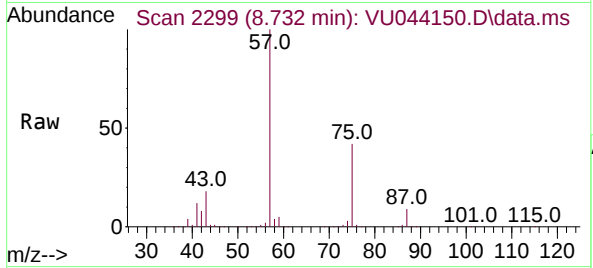




#59
2-Hexanone
Concen: 82.552 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.038 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

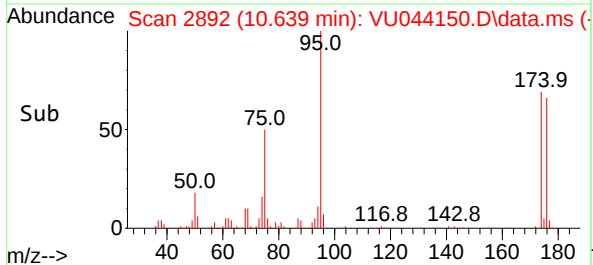
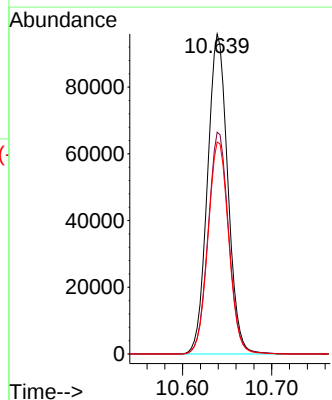
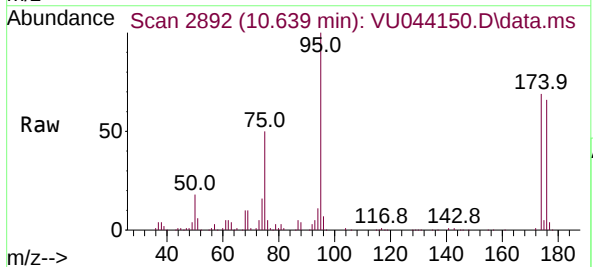
Instrument :
MSVOA_U
ClientSampleId :

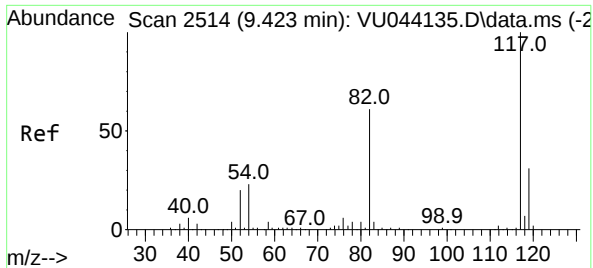
Tgt Ion: 43 Resp: 263684
Ion Ratio Lower Upper
43 100
58 20.8 30.0 90.1#



#62
4-Bromofluorobenzene
Concen: 48.342 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

Tgt Ion: 95 Resp: 151412
Ion Ratio Lower Upper
95 100
174 70.5 0.0 144.4
176 67.5 0.0 138.0

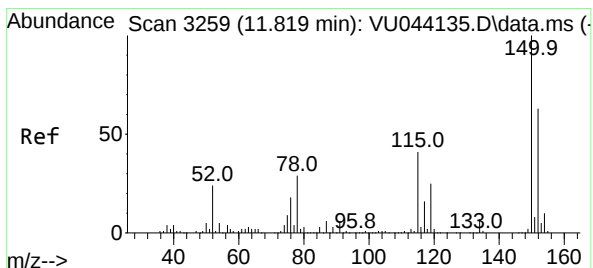
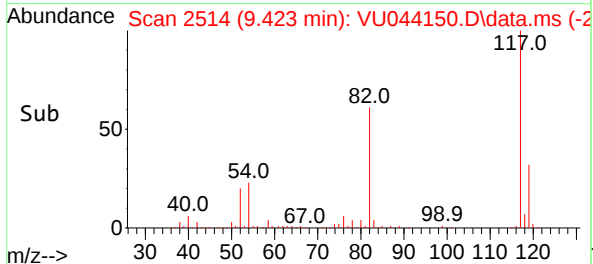
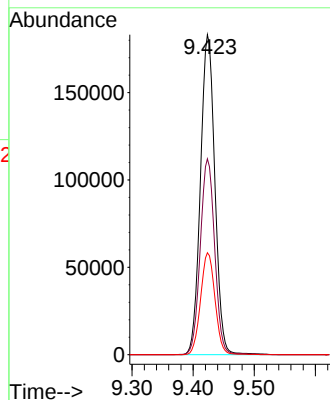
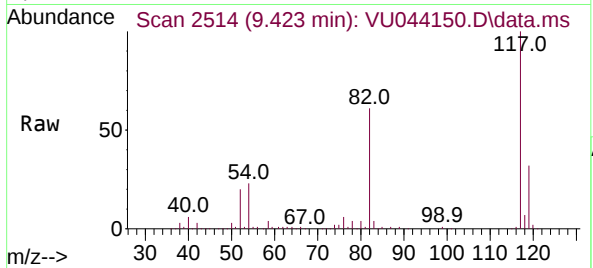




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

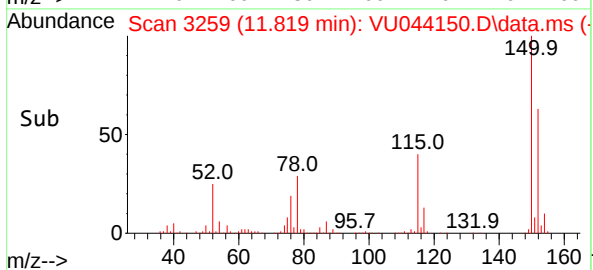
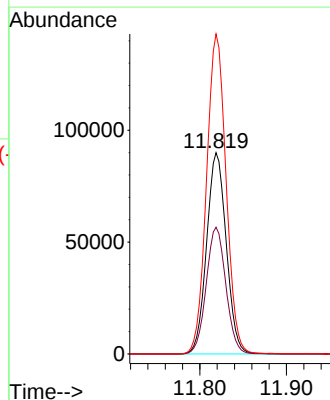
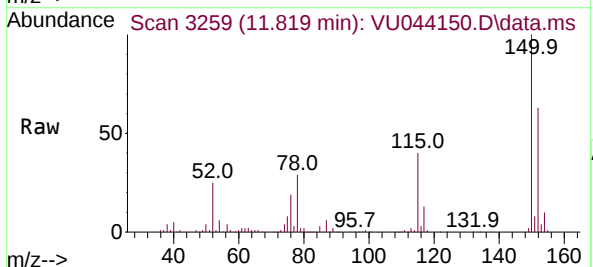
Instrument :
MSVOA_U
ClientSampled :

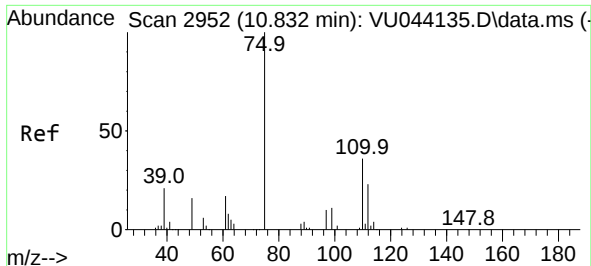
Tgt Ion:117 Resp: 300718
Ion Ratio Lower Upper
117 100
82 61.2 48.8 73.2
119 31.9 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

Tgt Ion:152 Resp: 141885
Ion Ratio Lower Upper
152 100
115 63.0 43.8 131.3
150 157.6 0.0 350.6

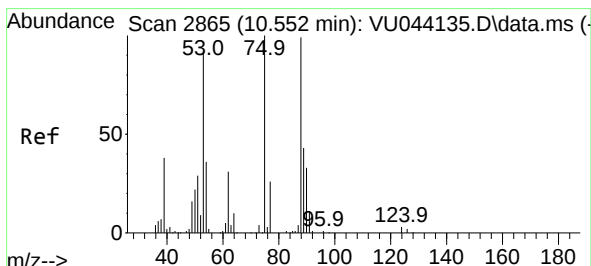
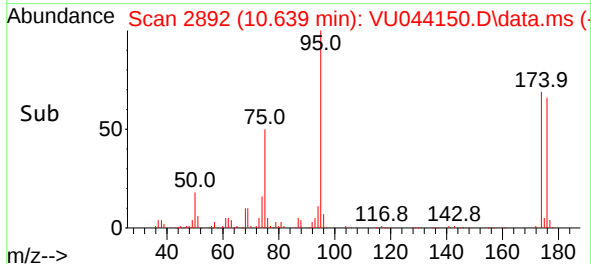
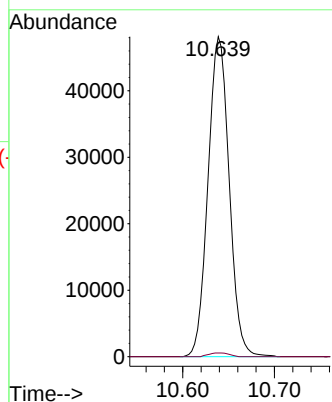
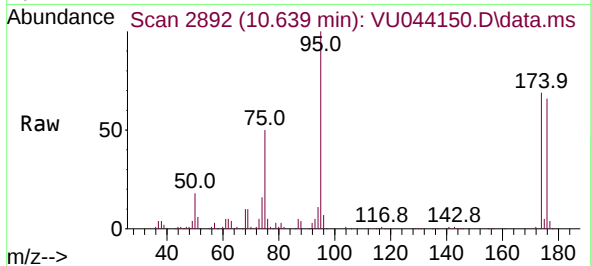




#76
1,2,3-Trichloropropane
Concen: 16.233 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.193 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

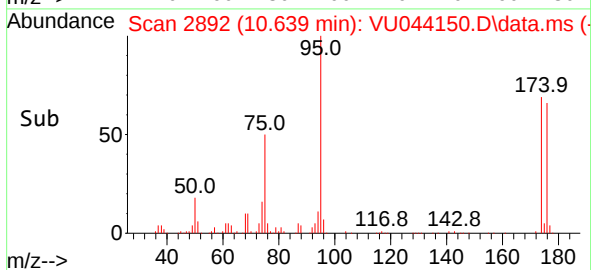
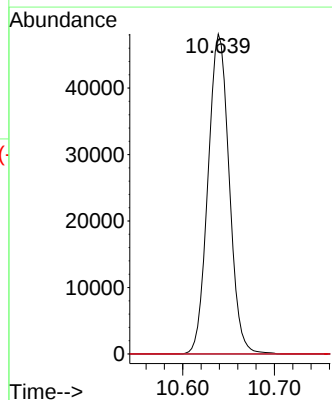
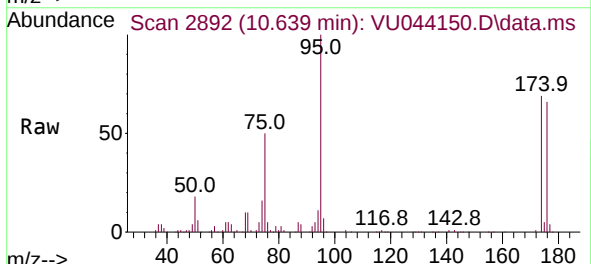
Instrument :
MSVOA_U
ClientSampled :

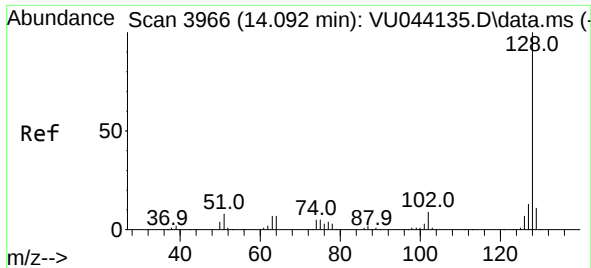
Tgt Ion: 75 Resp: 77223
Ion Ratio Lower Upper
75 100
77 1.1 14.9 44.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.845 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.087 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

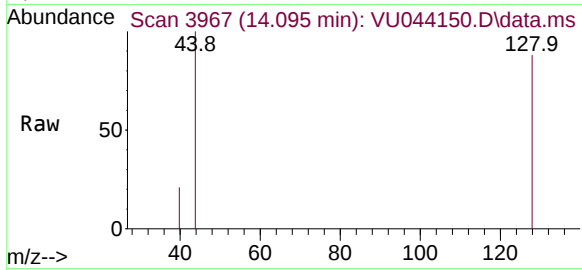
Tgt Ion: 75 Resp: 77223
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.2#
89 0.0 35.0 52.6#





#95
Naphthalene
Concen: 2.922 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044150.D
Acq: 10 Jun 2021 13:02

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 911
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

