

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043057.D
 Acq On : 13 Apr 2021 17:22
 Operator : SY/MD
 Sample : PB135653ZHE#02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 14 03:52:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

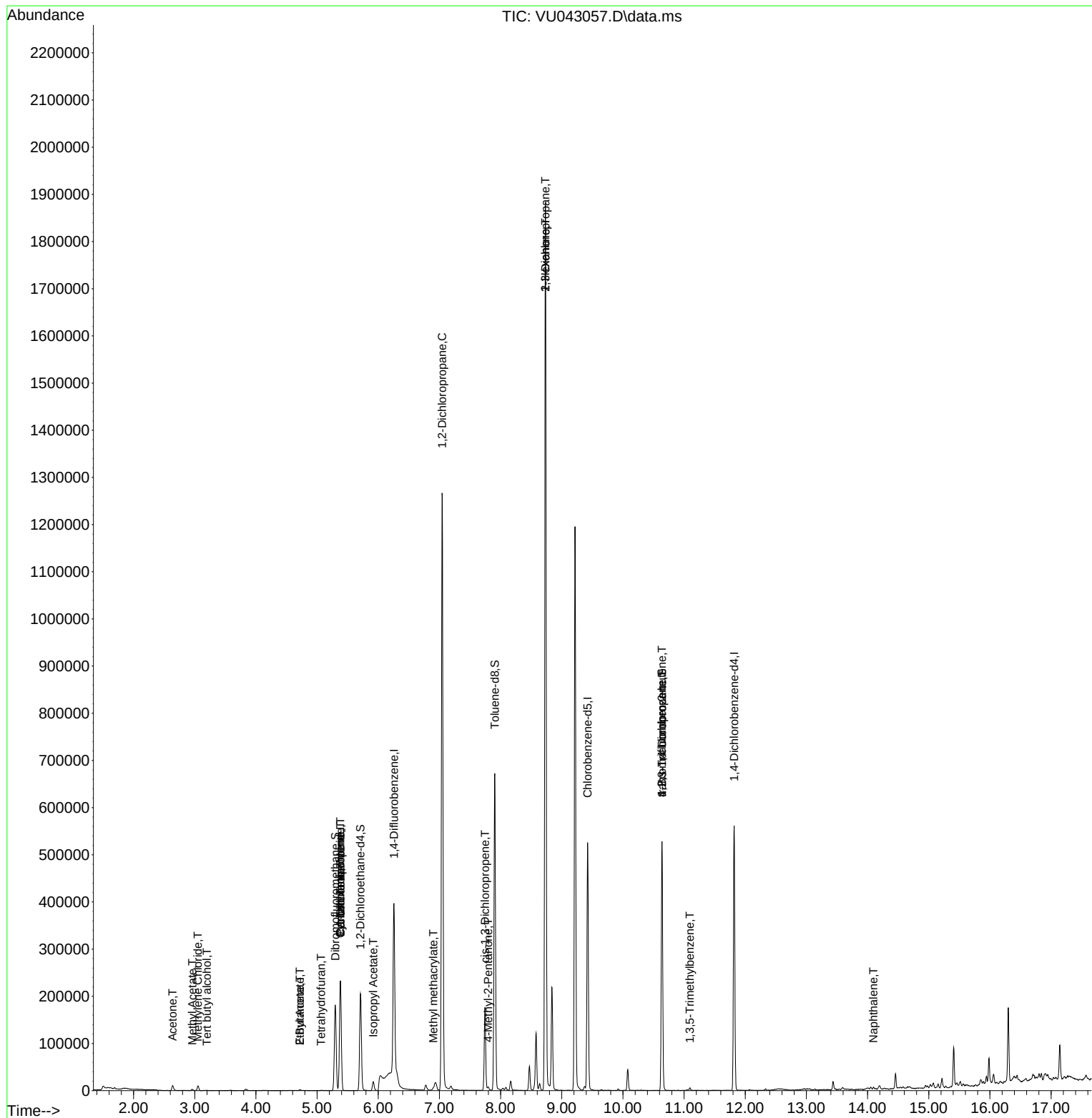
Internal Standards						
1) Pentafluorobenzene	5.382	168	160837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	267078	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	263183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	136714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	161391	59.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.38%	
35) Dibromofluoromethane	5.298	113	110939	55.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.56%	
50) Toluene-d8	7.906	98	408313	57.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.00%	
62) 4-Bromofluorobenzene	10.639	95	157755	55.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.96%	
Target Compounds					Qvalue	
3) Chloromethane	1.523	50	606	Below Cal		100
11) Tert butyl alcohol	3.199	59	354	0.51 ug/l #		94
16) Acetone	2.639	43	15138	9.22 ug/l		95
18) Methyl Acetate	2.961	43	3922	1.16 ug/l		92
20) Methylene Chloride	3.051	84	4244	2.21 ug/l		93
25) 2-Butanone	4.719	43	3258	1.33 ug/l		98
29) Tetrahydrofuran	5.067	42	413	0.27 ug/l #		50
31) Cyclohexane	5.379	56	4075	1.22 ug/l #		26
36) 1,1-Dichloropropene	5.382	75	13284	4.69 ug/l #		51
37) Ethyl Acetate	4.719	43	3258	0.67 ug/l #		71
38) Carbon Tetrachloride	5.382	117	16312	5.37 ug/l #		17
43) Isopropyl Acetate	5.919	43	20681	2.99 ug/l		98
45) 1,2-Dichloropropane	7.044	63	1124	0.50 ug/l #		43
48) Methyl methacrylate	6.899	41	7123	2.05 ug/l #		17
51) 4-Methyl-2-Pentanone	7.797	43	5272	1.03 ug/l #		87
54) cis-1,3-Dichloropropene	7.745	75	26387	7.43 ug/l #		66
57) 1,3-Dichloropropane	8.732	76	16952	4.56 ug/l #		43
59) 2-Hexanone	8.732	43	296543	70.45 ug/l #		54
76) 1,2,3-Trichloropropane	10.639	75	89803	22.48 ug/l #		37
80) 1,3,5-Trimethylbenzene	11.095	105	3192	0.39 ug/l		96
81) trans-1,4-Dichloro-2-b...	10.639	75	89803	66.05 ug/l #		7
95) Naphthalene	14.095	128	1389	2.87 ug/l #		77

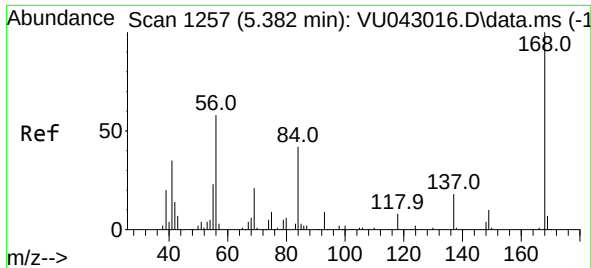
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
Data File : VU043057.D
Acq On : 13 Apr 2021 17:22
Operator : SY/MD
Sample : PB135653ZHE#02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Apr 14 03:52:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

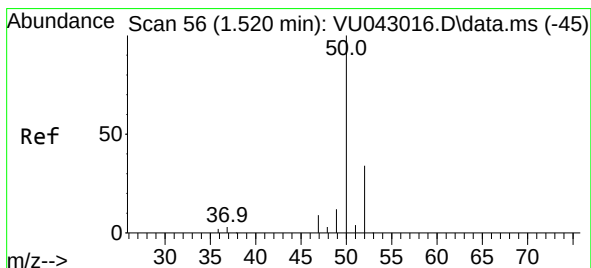
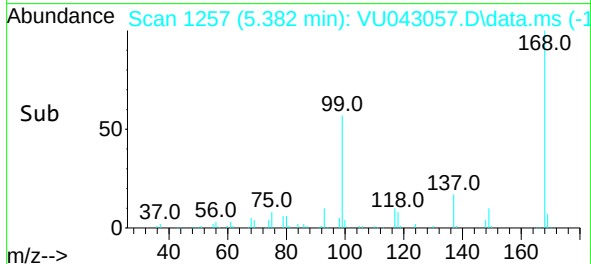
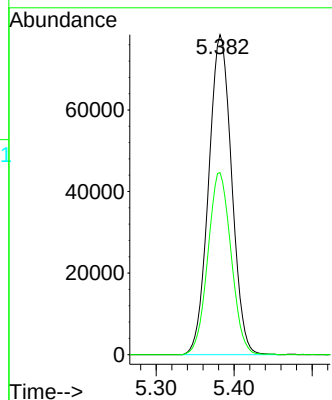
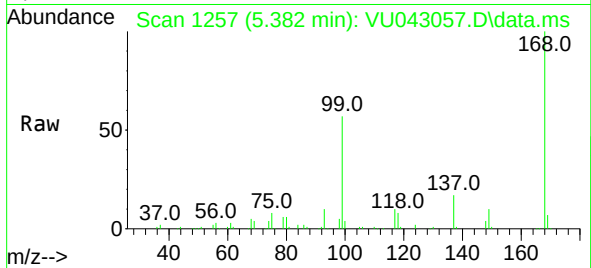




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

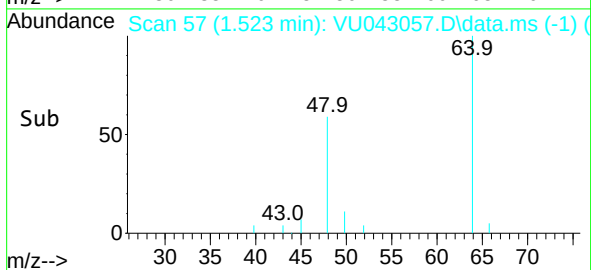
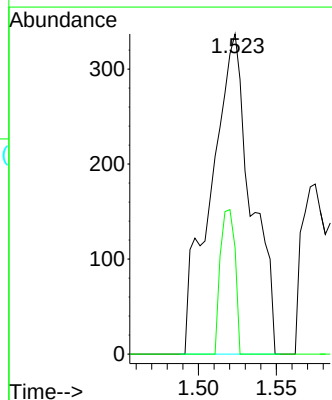
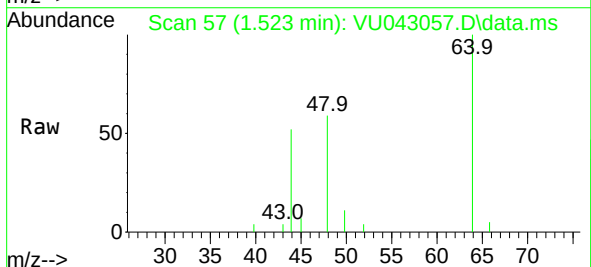
Instrument :
MSVOA_U
ClientSampleId :

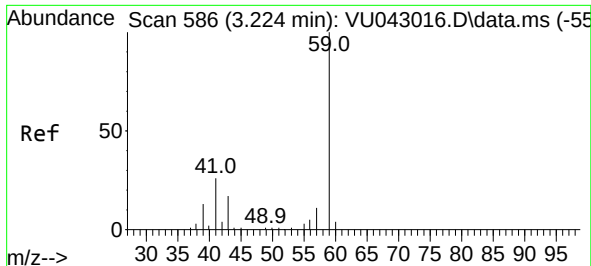
Tgt Ion:168 Resp: 160837
Ion Ratio Lower Upper
168 100
99 56.9 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

Tgt Ion: 50 Resp: 606
Ion Ratio Lower Upper
50 100
52 33.2 26.6 40.0

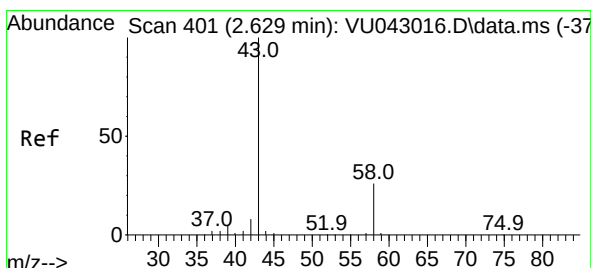
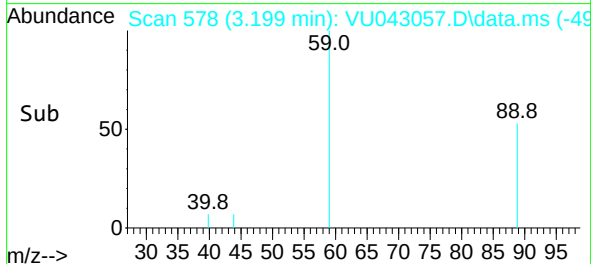
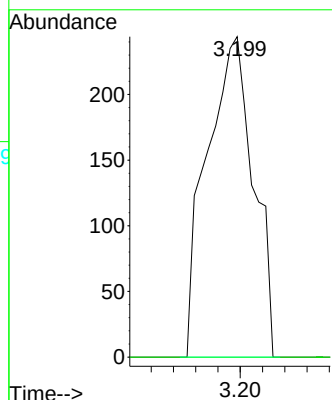
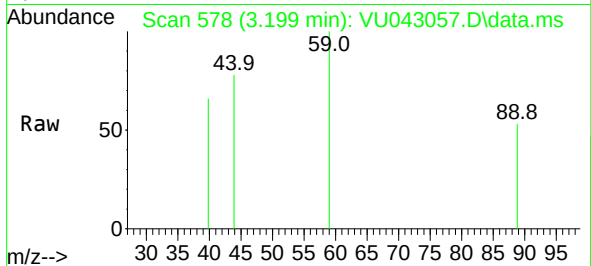




#11
Tert butyl alcohol
Concen: 0.51 ug/l
RT: 3.199 min Scan# 578
Delta R.T. -0.025 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

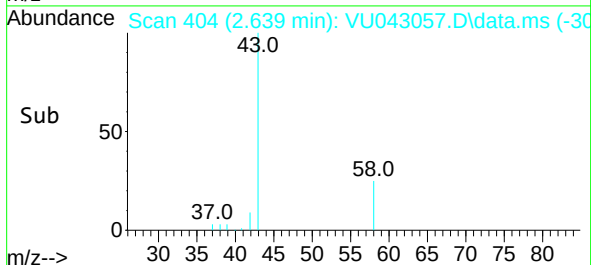
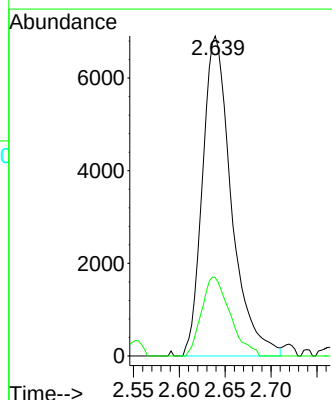
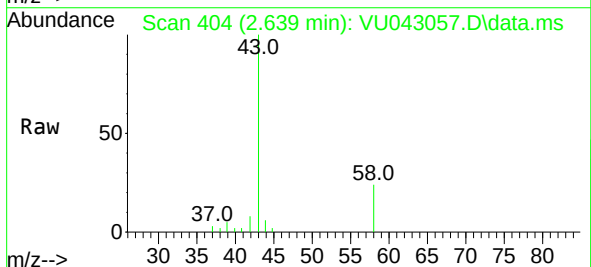
Instrument :
MSVOA_U
ClientSampleId :

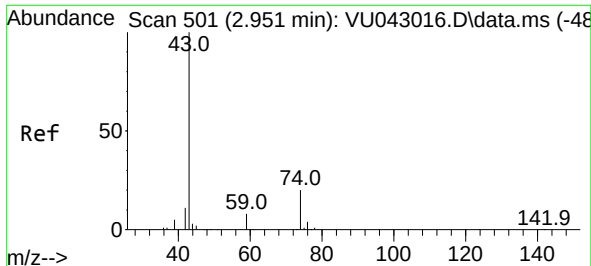
Tgt Ion: 59 Resp: 354
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#16
Acetone
Concen: 9.22 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

Tgt Ion: 43 Resp: 15138
Ion Ratio Lower Upper
43 100
58 24.5 21.5 32.3

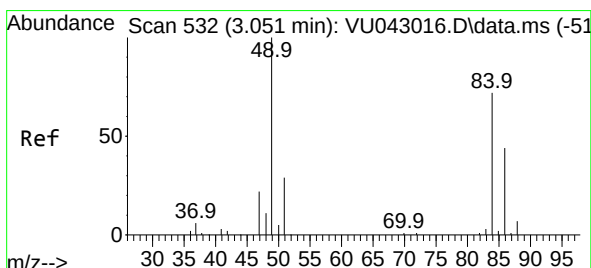
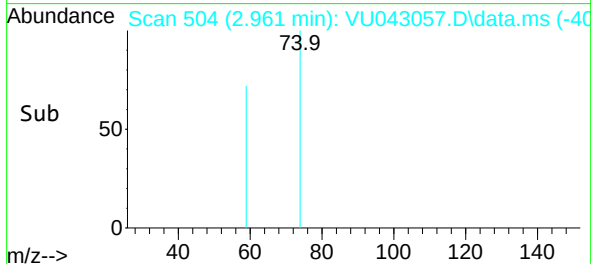
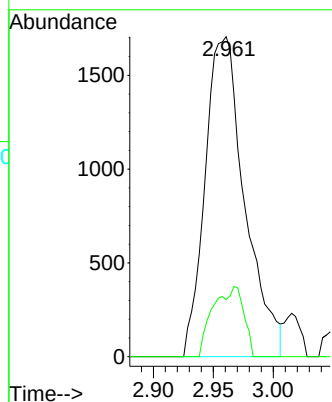
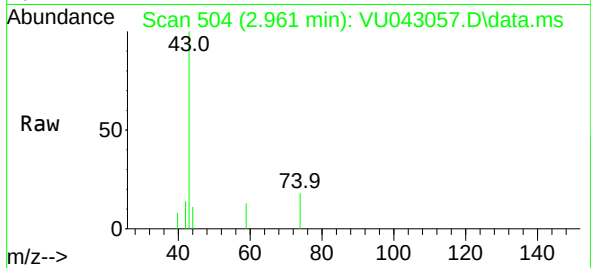




#18
Methyl Acetate
Concen: 1.16 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.010 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

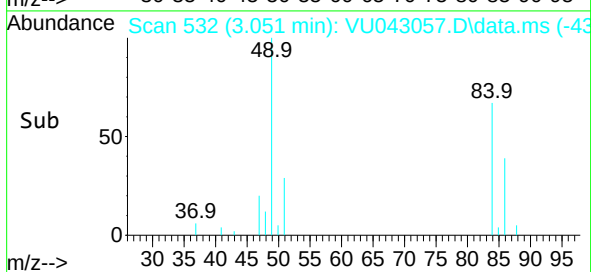
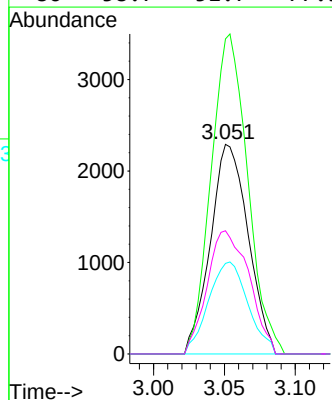
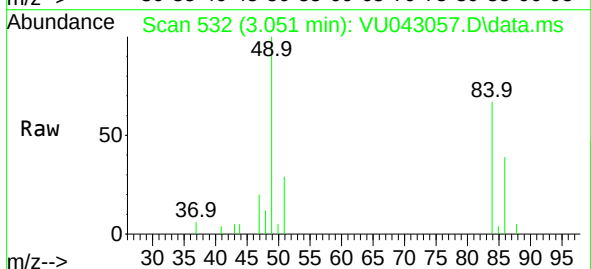
Instrument :
MSVOA_U
ClientSampled :

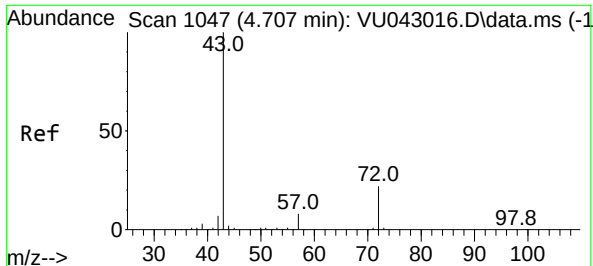
Tgt Ion: 43 Resp: 3922
Ion Ratio Lower Upper
43 100
74 17.0 16.6 25.0



#20
Methylene Chloride
Concen: 2.21 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

Tgt Ion: 84 Resp: 4244
Ion Ratio Lower Upper
84 100
49 150.3 112.6 169.0
51 43.2 33.7 50.5
86 58.7 51.7 77.5

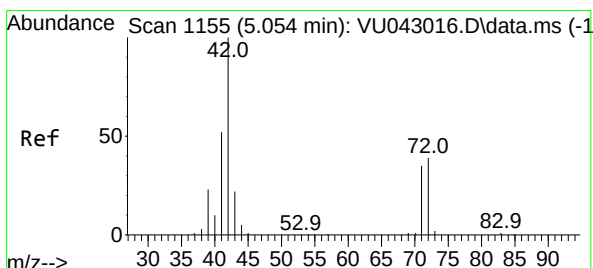
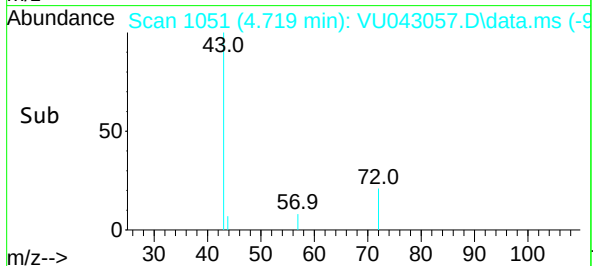
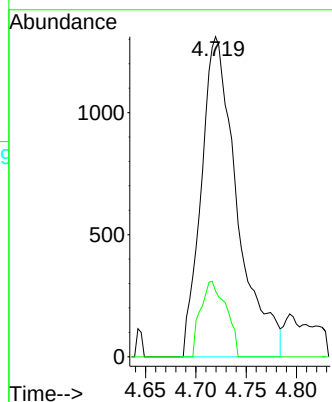
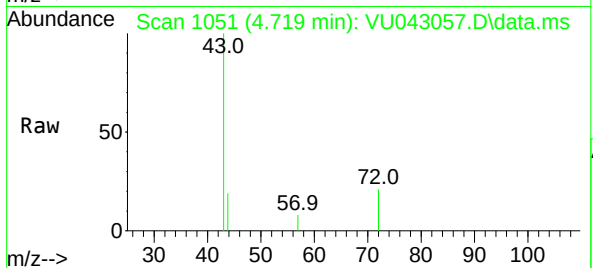




#25
2-Butanone
Concen: 1.33 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.012 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

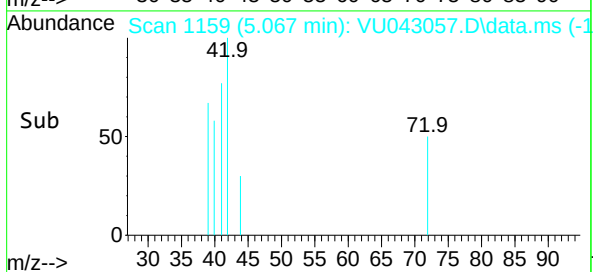
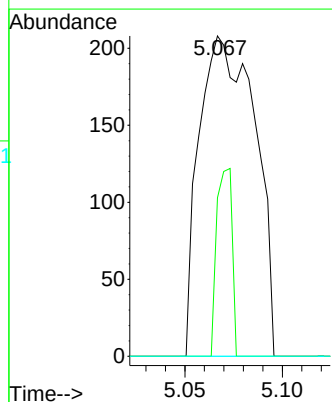
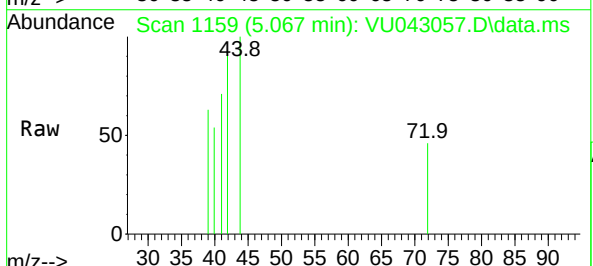
Instrument :
MSVOA_U
ClientSampled :

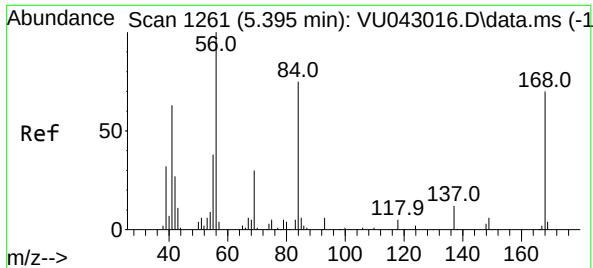
Tgt Ion: 43 Resp: 3258
Ion Ratio Lower Upper
43 100
72 20.6 17.4 26.0



#29
Tetrahydrofuran
Concen: 0.27 ug/l
RT: 5.067 min Scan# 1159
Delta R.T. 0.013 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

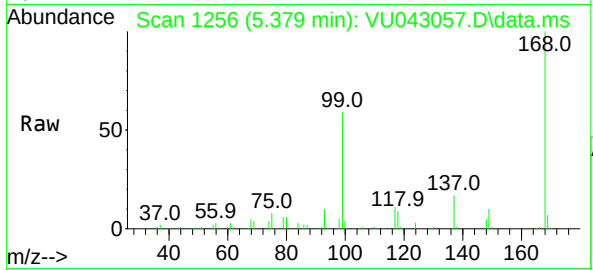
Tgt Ion: 42 Resp: 413
Ion Ratio Lower Upper
42 100
72 16.2 31.5 47.3#
71 0.0 29.5 44.3#



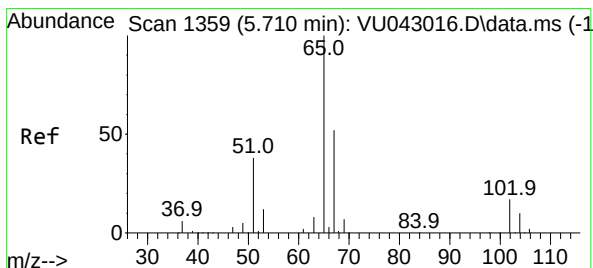
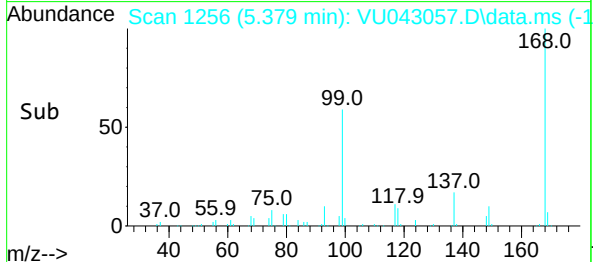
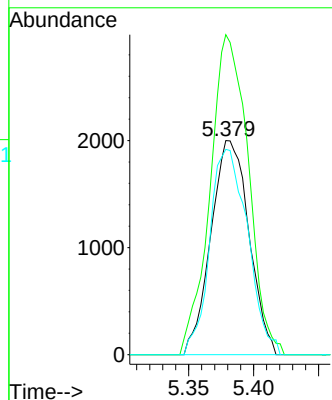


#31
Cyclohexane
Concen: 1.22 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

Instrument :
MSVOA_U
ClientSampleId :

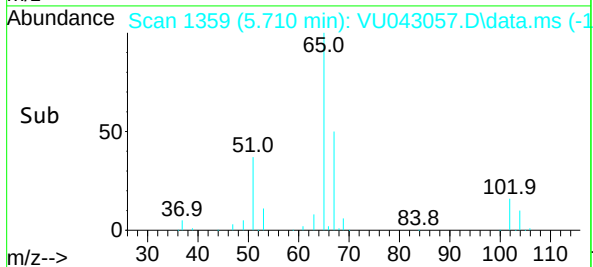
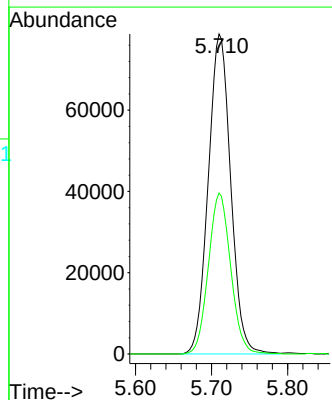
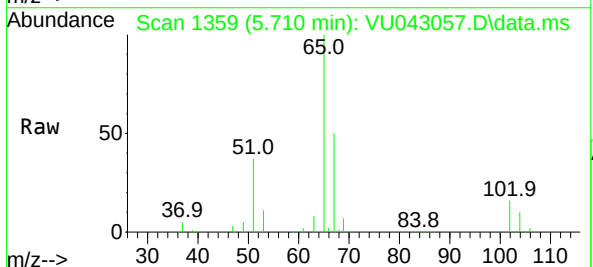


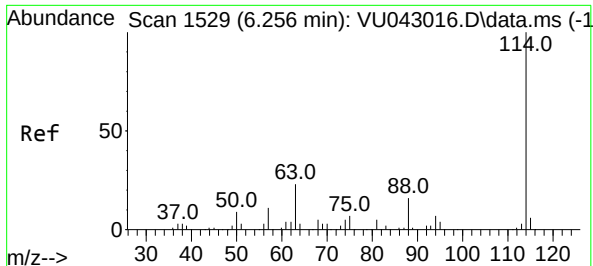
Tgt Ion: 56 Resp: 4075
Ion Ratio Lower Upper
56 100
69 149.5 24.9 37.3#
84 95.9 63.7 95.5#



#33
1,2-Dichloroethane-d4
Concen: 59.69 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

Tgt Ion: 65 Resp: 161391
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.8

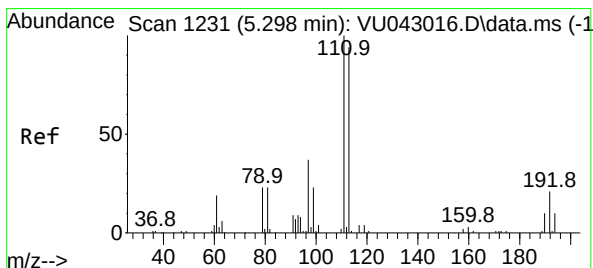
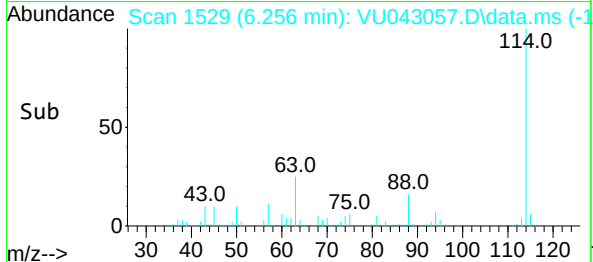
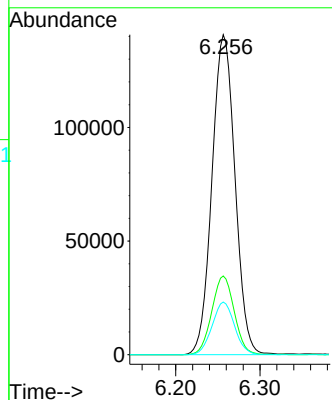
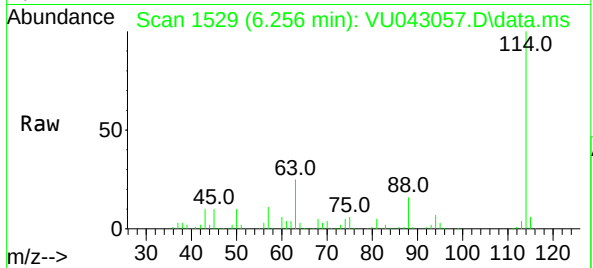




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

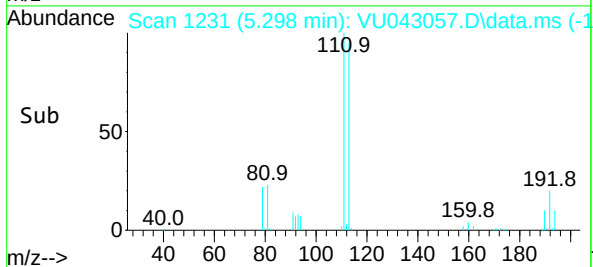
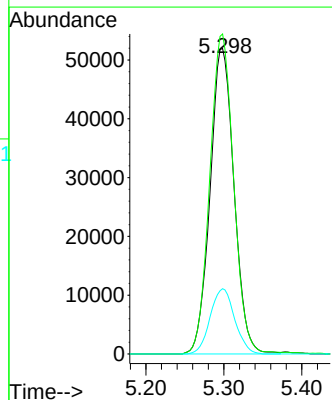
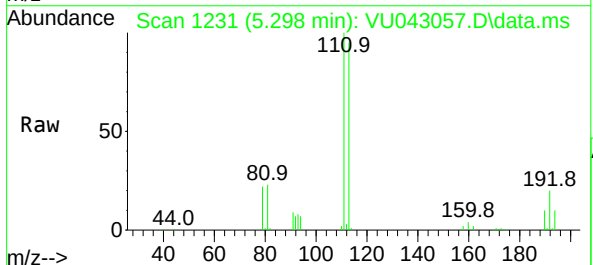
Instrument :
MSVOA_U
ClientSampled :

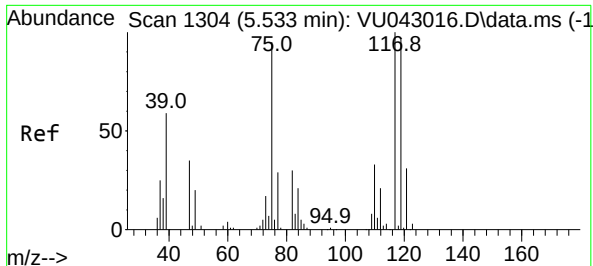
Tgt Ion:114 Resp: 267078
Ion Ratio Lower Upper
114 100
63 24.6 0.0 44.2
88 16.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 55.28 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

Tgt Ion:113 Resp: 110939
Ion Ratio Lower Upper
113 100
111 104.2 81.8 122.8
192 21.8 17.2 25.8

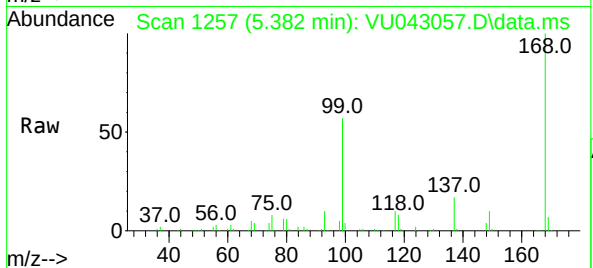




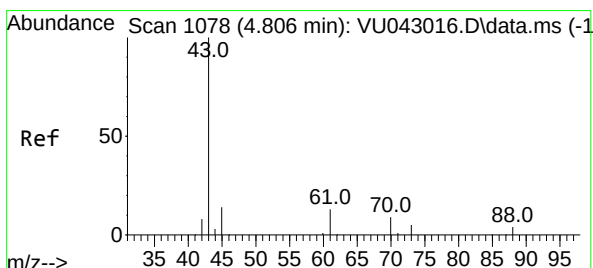
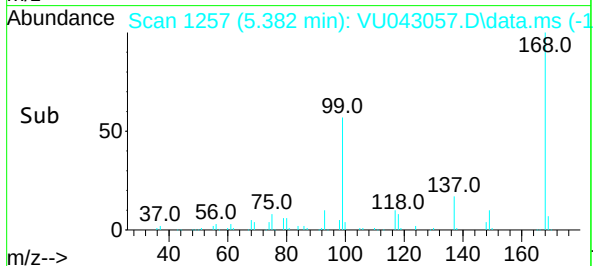
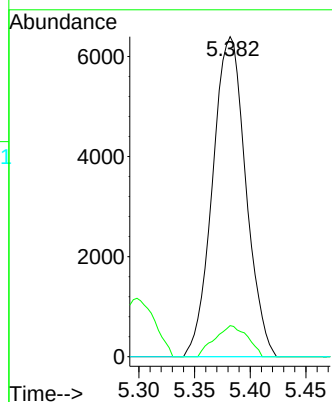
#36

1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

Instrument :
MSVOA_U
ClientSampleId :

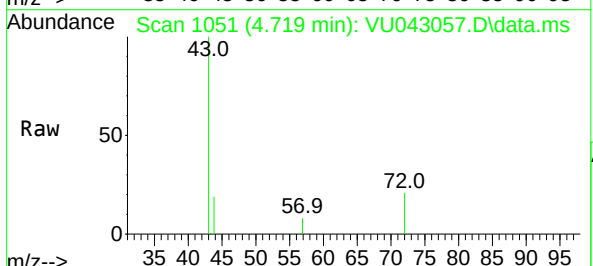


Tgt Ion: 75	Resp: 13284
Ion Ratio	Lower Upper
75 100	
110 9.5	16.8 50.3#
77 0.0	24.8 37.2#

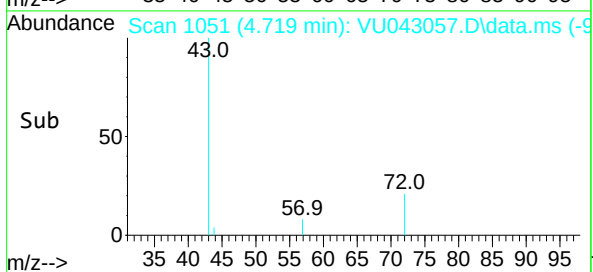
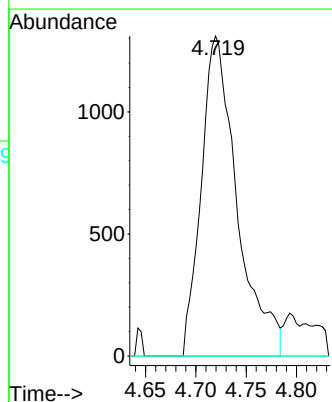


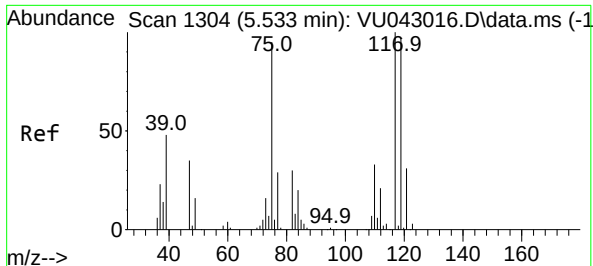
#37

Ethyl Acetate
Concen: 0.67 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. -0.087 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22



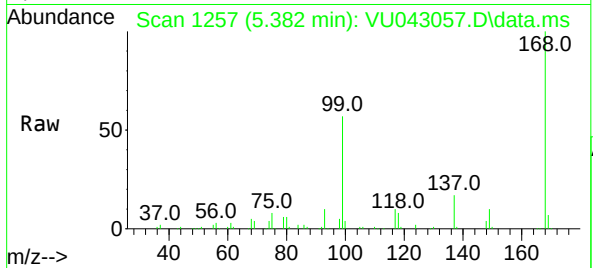
Tgt Ion: 43	Resp: 3258
Ion Ratio	Lower Upper
43 100	
61 0.0	10.1 15.1#
70 0.0	7.2 10.8#



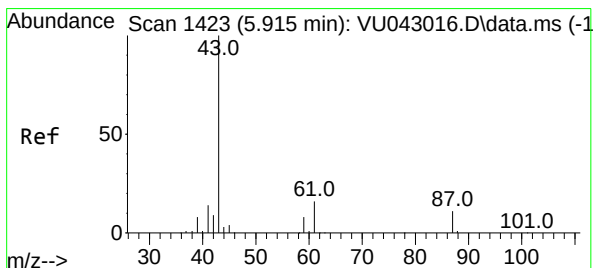
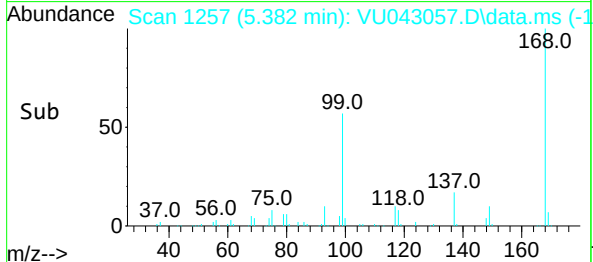
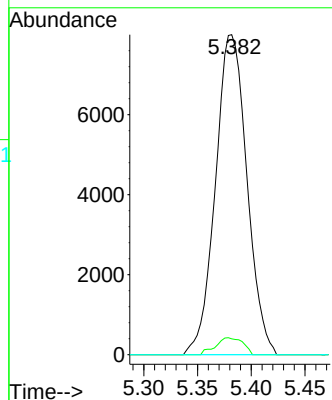


#38
Carbon Tetrachloride
Concen: 5.37 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

Instrument :
MSVOA_U
ClientSampleId :

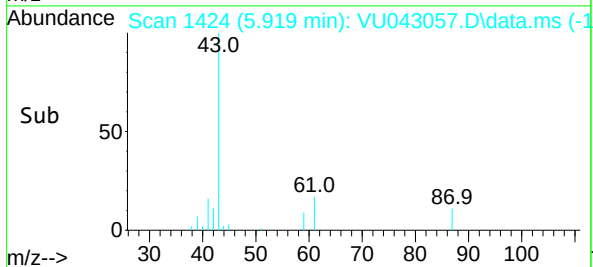
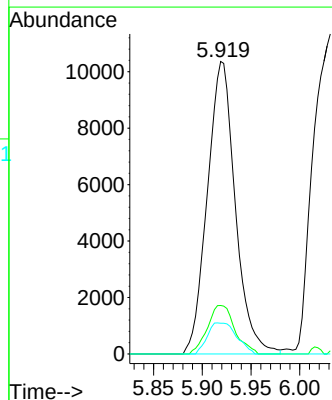
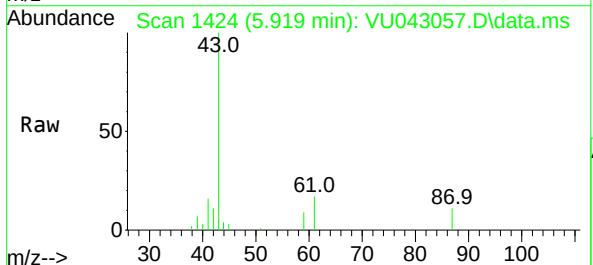


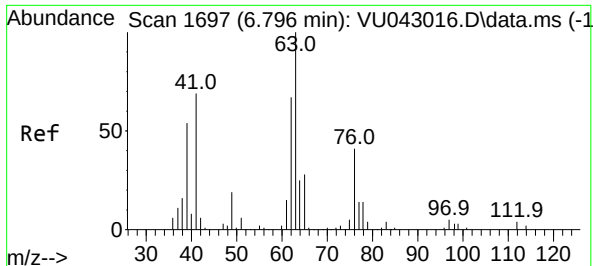
Tgt Ion:117 Resp: 16312
Ion Ratio Lower Upper
117 100
119 5.0 75.5 113.3#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 2.99 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.004 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

Tgt Ion: 43 Resp: 20681
Ion Ratio Lower Upper
43 100
61 16.3 14.4 21.6
87 11.0 8.8 13.2



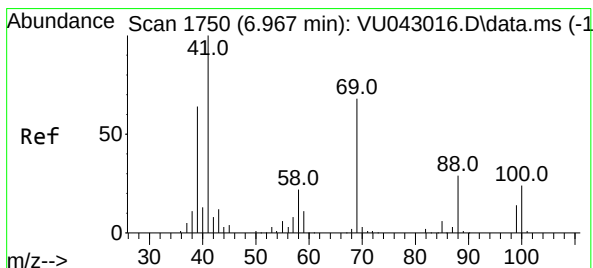
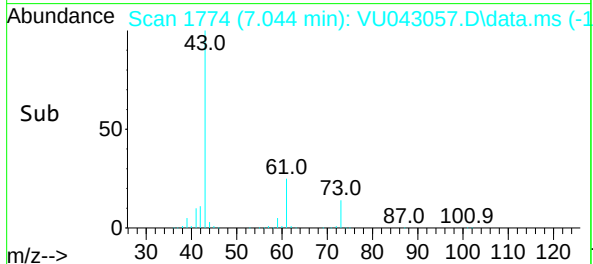
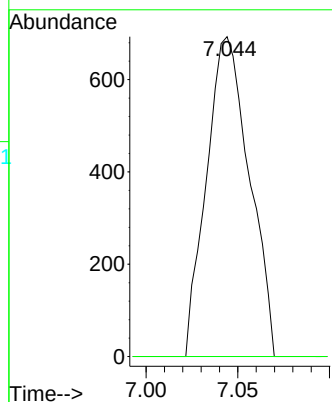
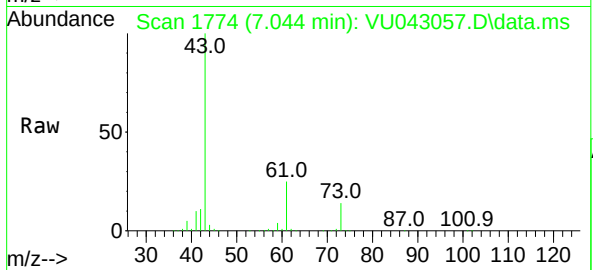


#45

1,2-Dichloropropane
Concen: 0.50 ug/l
RT: 7.044 min Scan# 1774
Delta R.T. 0.248 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

Instrument :
MSVOA_U
ClientSampled :

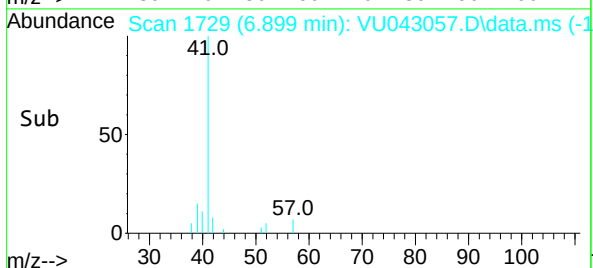
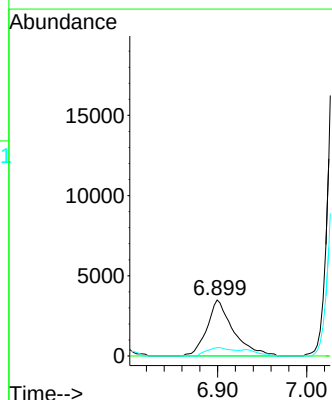
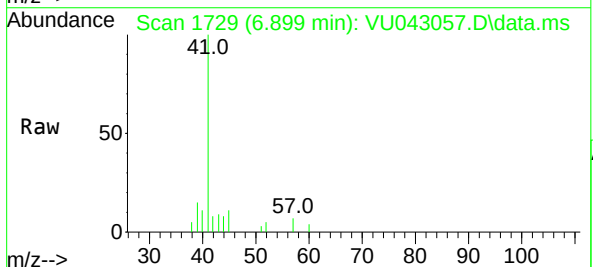
Tgt Ion: 63 Resp: 1124
Ion Ratio Lower Upper
63 100
65 0.0 25.4 38.2#

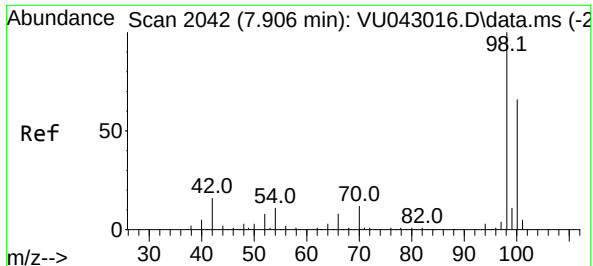


#48

Methyl methacrylate
Concen: 2.05 ug/l
RT: 6.899 min Scan# 1729
Delta R.T. -0.068 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

Tgt Ion: 41 Resp: 7123
Ion Ratio Lower Upper
41 100
69 0.0 57.0 85.6#
39 0.0 48.4 72.6#

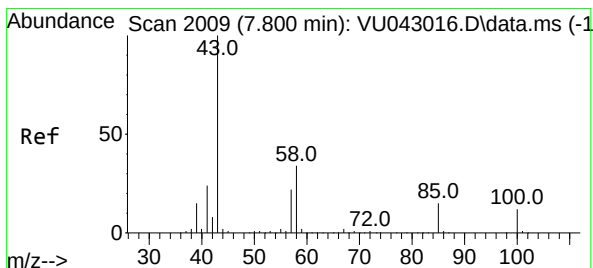
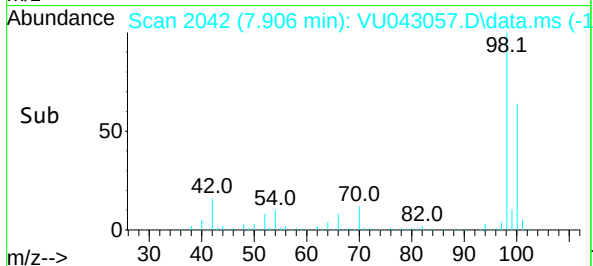
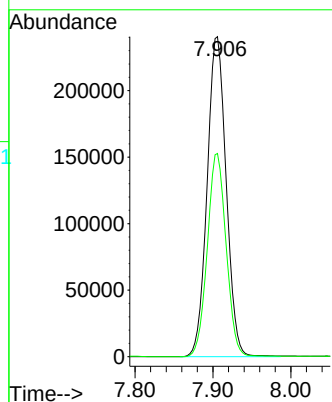
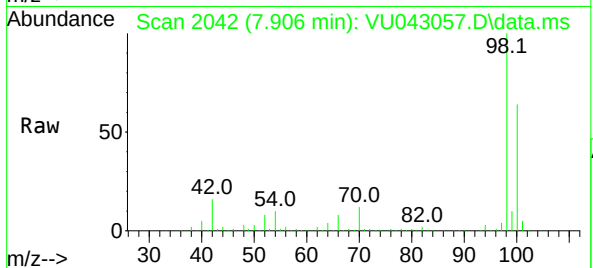




#50
Toluene-d8
Concen: 57.50 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

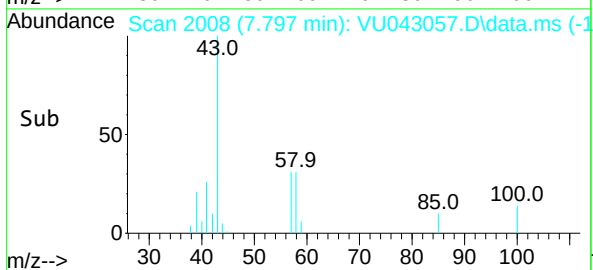
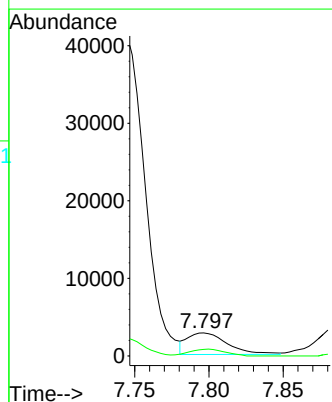
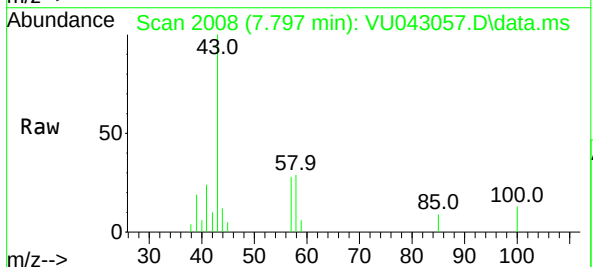
Instrument :
MSVOA_U
ClientSampled :

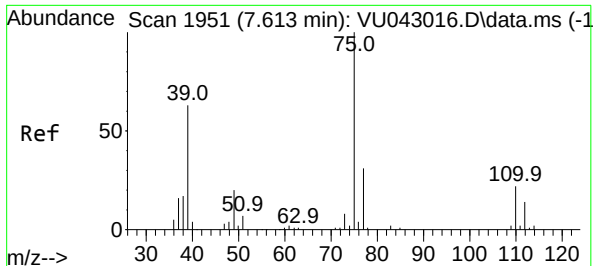
Tgt Ion: 98 Resp: 408313
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.03 ug/l
RT: 7.797 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

Tgt Ion: 43 Resp: 5272
Ion Ratio Lower Upper
43 100
58 27.8 28.1 42.1#

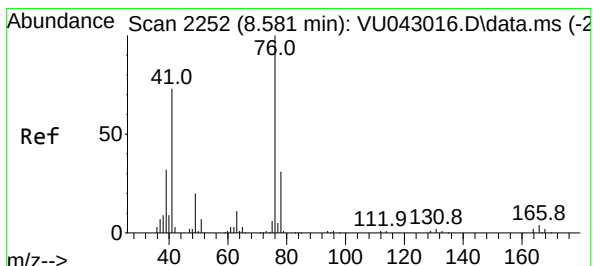
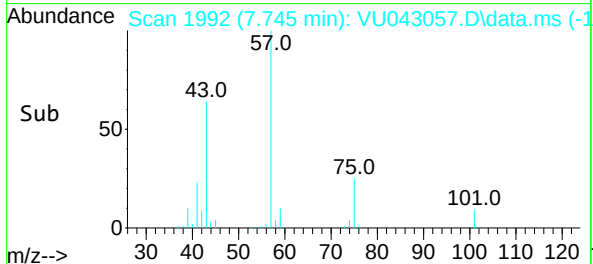
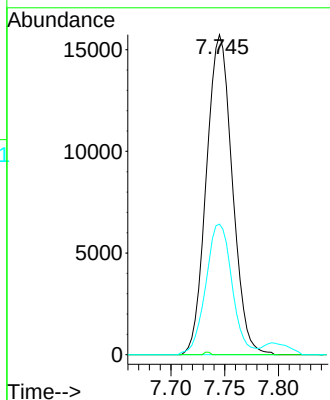
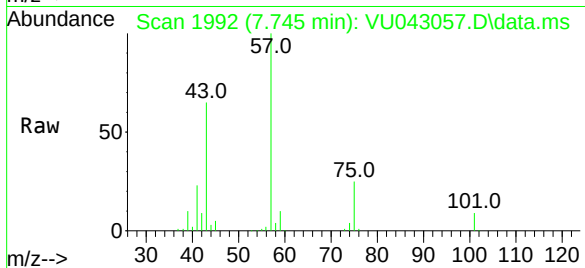




#54
 cis-1,3-Dichloropropene
 Concen: 7.43 ug/l
 RT: 7.745 min Scan# 1992
 Delta R.T. 0.132 min
 Lab File: VU043057.D
 Acq: 13 Apr 2021 17:22

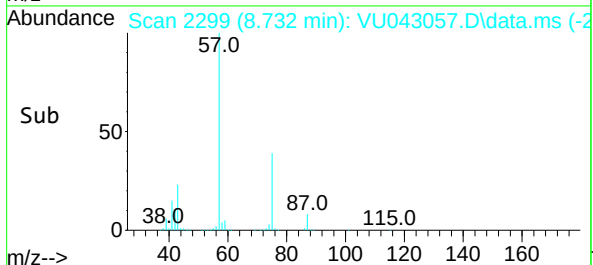
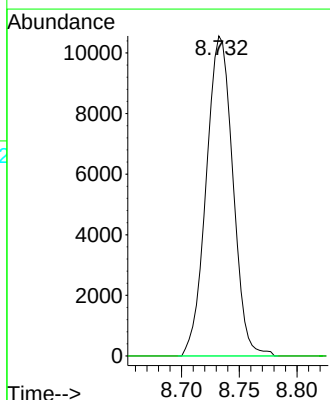
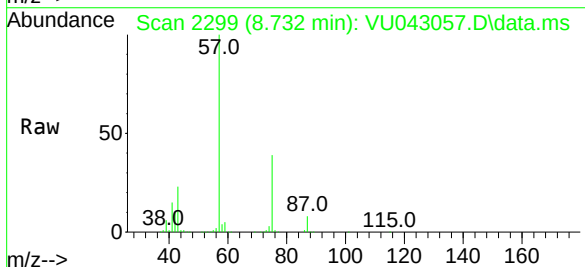
Instrument :
 MSVOA_U
 ClientSampleId :

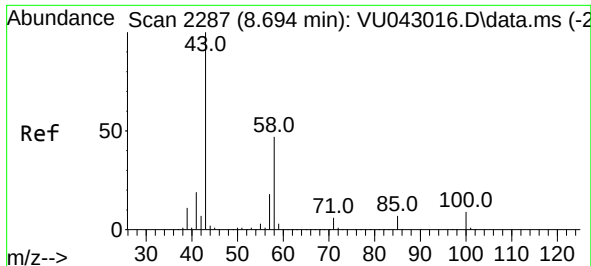
Tgt Ion: 75 Resp: 26387
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 37.0#
 39 40.8 46.1 69.1#



#57
 1,3-Dichloropropane
 Concen: 4.56 ug/l
 RT: 8.732 min Scan# 2299
 Delta R.T. 0.151 min
 Lab File: VU043057.D
 Acq: 13 Apr 2021 17:22

Tgt Ion: 76 Resp: 16952
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

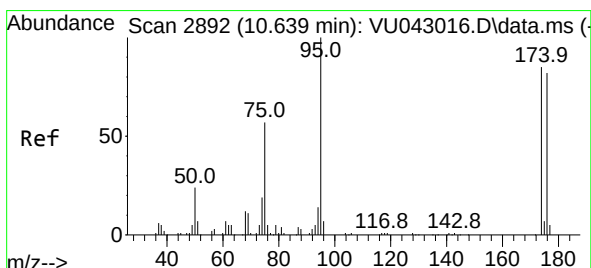
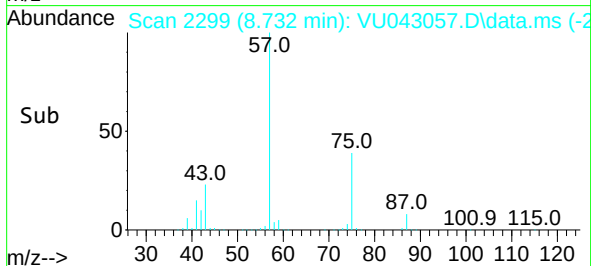
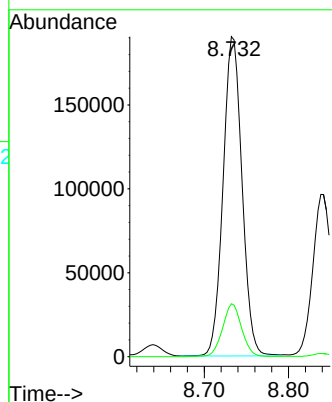
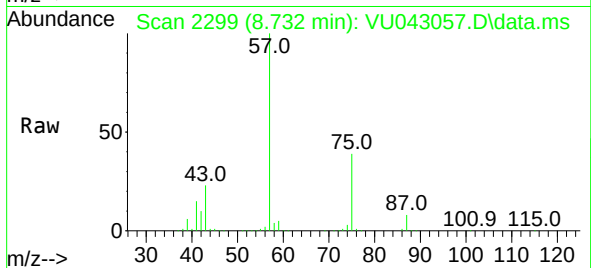




#59
2-Hexanone
Concen: 70.45 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.038 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

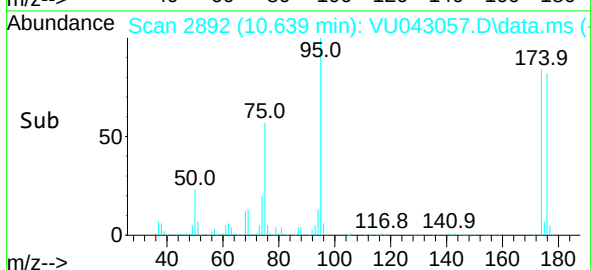
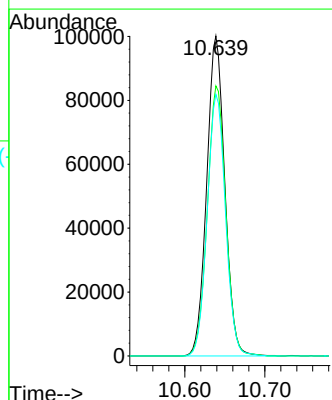
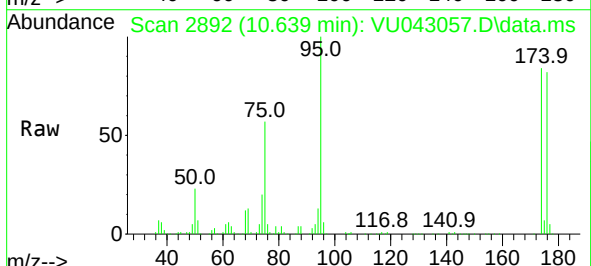
Instrument :
MSVOA_U
ClientSampled :

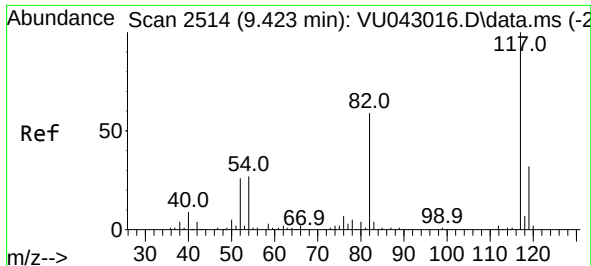
Tgt Ion: 43 Resp: 296543
Ion Ratio Lower Upper
43 100
58 16.8 24.0 72.0#



#62
4-Bromofluorobenzene
Concen: 55.48 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

Tgt Ion: 95 Resp: 157755
Ion Ratio Lower Upper
95 100
174 86.1 0.0 172.2
176 82.6 0.0 168.8

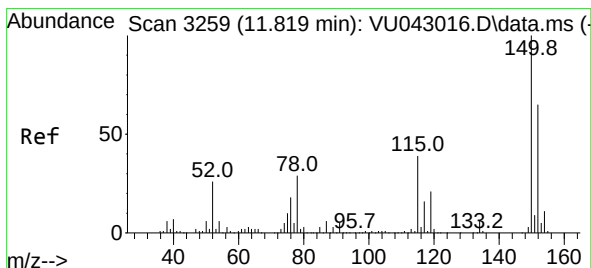
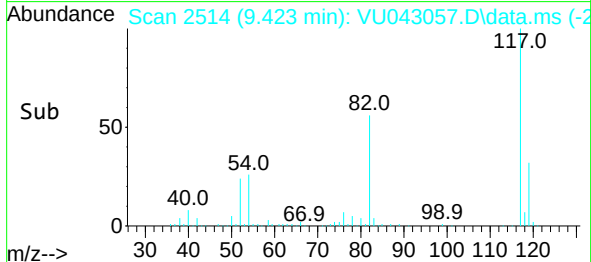
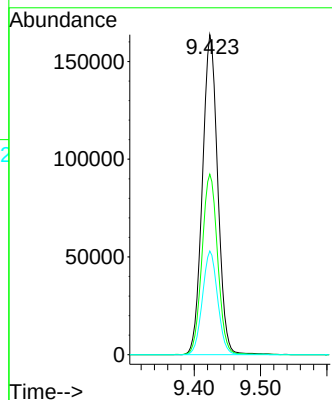
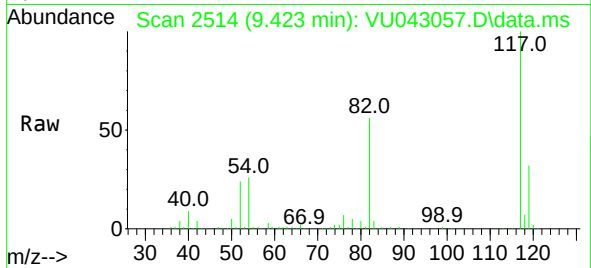




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

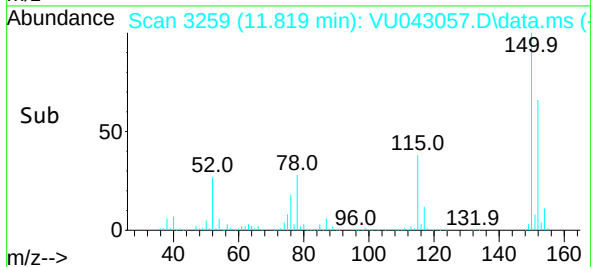
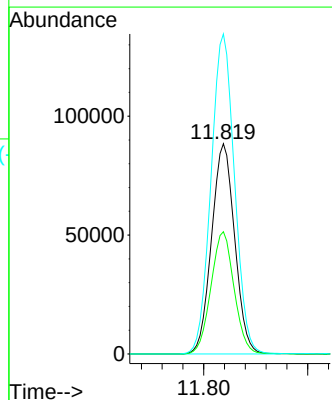
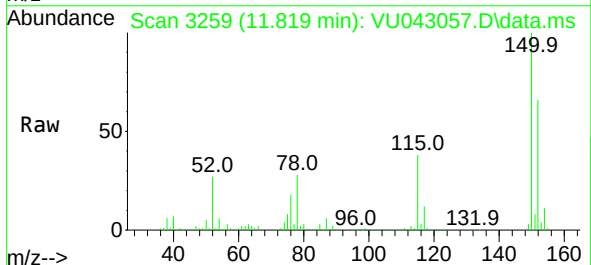
Instrument :
MSVOA_U
ClientSampleId :

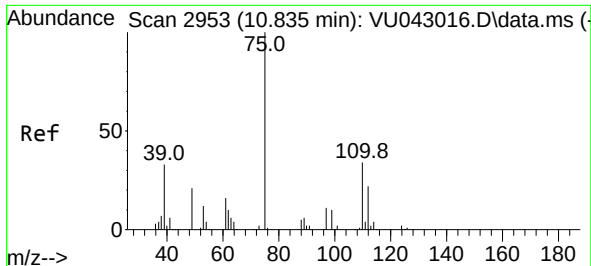
Tgt Ion:117 Resp: 263183
Ion Ratio Lower Upper
117 100
82 56.4 45.8 68.6
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

Tgt Ion:152 Resp: 136714
Ion Ratio Lower Upper
152 100
115 58.1 41.5 124.6
150 154.5 0.0 342.4

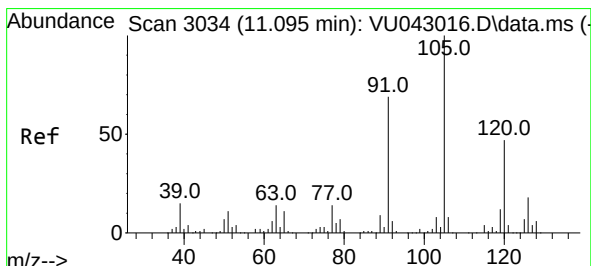
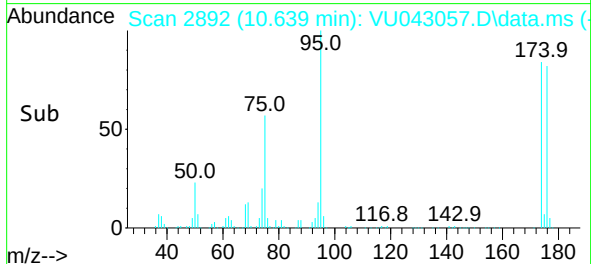
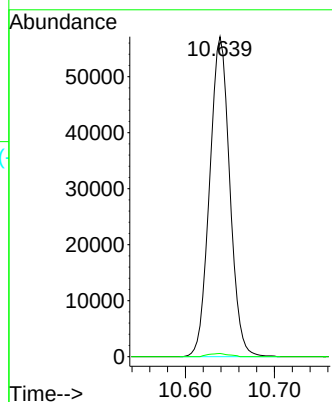
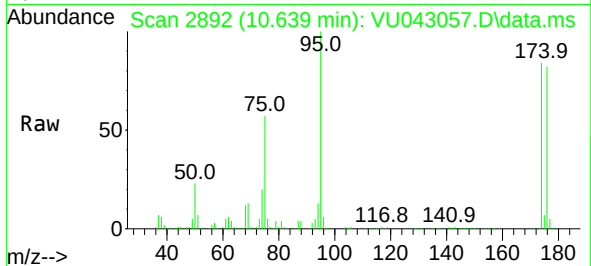




#76
1,2,3-Trichloropropane
Concen: 22.48 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

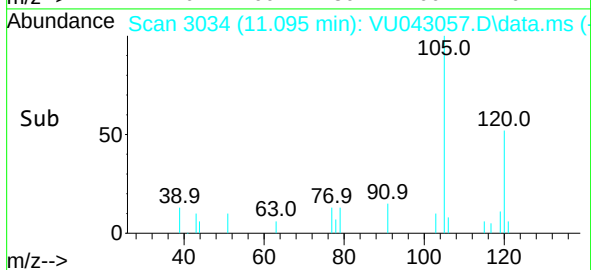
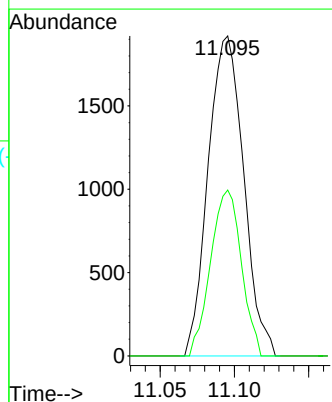
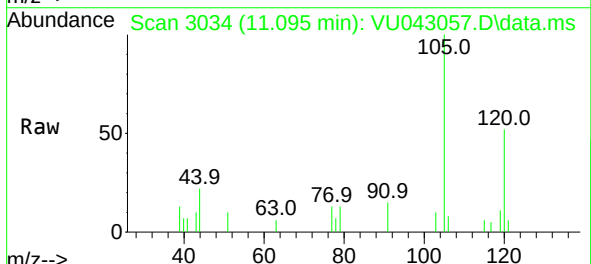
Instrument :
MSVOA_U
ClientSampled :

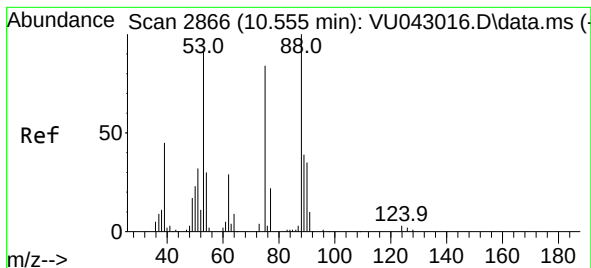
Tgt Ion: 75 Resp: 89803
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.39 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

Tgt Ion:105 Resp: 3192
Ion Ratio Lower Upper
105 100
120 44.9 23.8 71.4

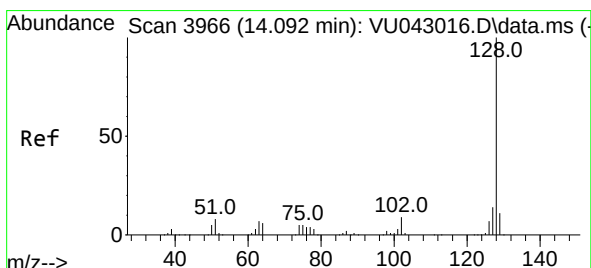
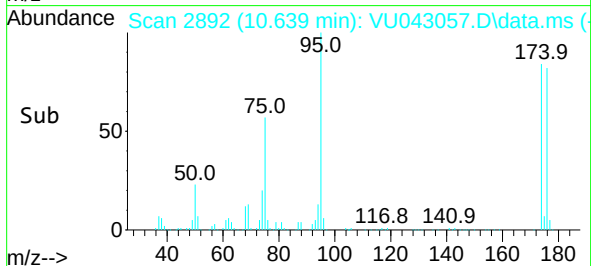
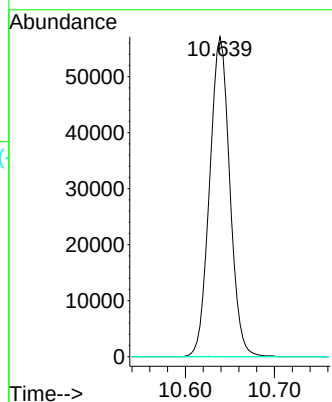
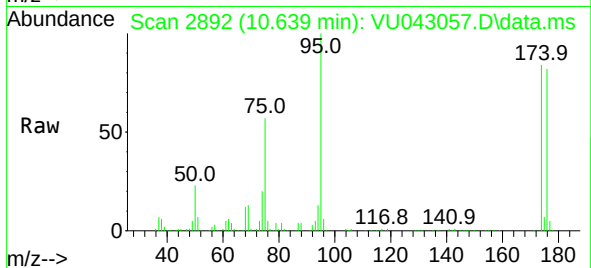




#81
trans-1,4-Dichloro-2-butene
Concen: 66.05 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 89803
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.87 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043057.D
Acq: 13 Apr 2021 17:22

Tgt Ion:128 Resp: 1389
Ion Ratio Lower Upper
128 100
127 4.9 10.8 16.2#
129 1.4 8.6 13.0#

