

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043055.D
 Acq On : 13 Apr 2021 16:36
 Operator : SY/MD
 Sample : PB135653TB
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

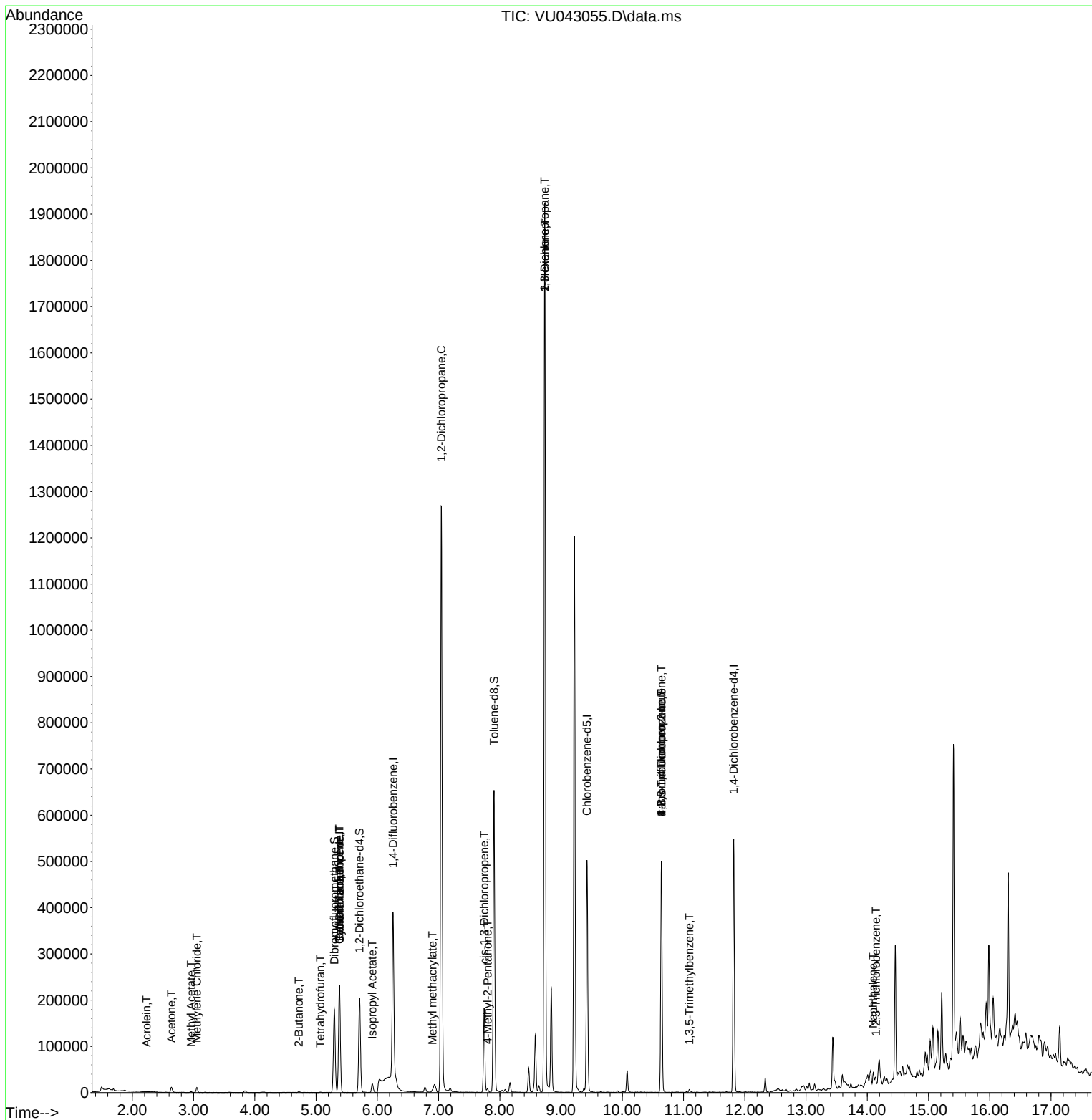
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 14 03:51:45 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	159385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	269886	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	256834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	130533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	159895	59.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.36%	
35) Dibromofluoromethane	5.298	113	110402	54.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.88%	
50) Toluene-d8	7.906	98	401765	55.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.98%	
62) 4-Bromofluorobenzene	10.639	95	149645	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	974	Below Cal		90
13) Acrolein	2.231	56	20	10.46 ug/l #		14
16) Acetone	2.639	43	15572	9.58 ug/l		99
18) Methyl Acetate	2.961	43	2963	0.88 ug/l #		86
20) Methylene Chloride	3.054	84	4727	2.48 ug/l		97
25) 2-Butanone	4.719	43	3184	1.31 ug/l		93
29) Tetrahydrofuran	5.070	42	692	0.45 ug/l #		42
31) Cyclohexane	5.385	56	3615	1.09 ug/l #		27
36) 1,1-Dichloropropene	5.382	75	12581	4.39 ug/l #		50
38) Carbon Tetrachloride	5.378	117	16067	5.23 ug/l #		17
43) Isopropyl Acetate	5.919	43	21997	3.15 ug/l		96
45) 1,2-Dichloropropane	7.047	63	1278	0.56 ug/l #		43
48) Methyl methacrylate	6.903	41	7307	2.08 ug/l #		17
51) 4-Methyl-2-Pentanone	7.800	43	5349	1.04 ug/l		90
54) cis-1,3-Dichloropropene	7.745	75	27962	7.79 ug/l #		65
57) 1,3-Dichloropropane	8.732	76	17627	4.69 ug/l #		43
59) 2-Hexanone	8.735	43	299837	70.49 ug/l #		54
76) 1,2,3-Trichloropropane	10.639	75	85018	22.29 ug/l #		37
80) 1,3,5-Trimethylbenzene	11.095	105	3333	0.43 ug/l		95
81) trans-1,4-Dichloro-2-b...	10.639	75	85018	65.49 ug/l #		7
95) Naphthalene	14.095	128	2230	2.96 ug/l #		89
96) 1,2,3-Trichlorobenzene	14.143	180	203	1.53 ug/l		83

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

Quant Time: Apr 14 03:51:45 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

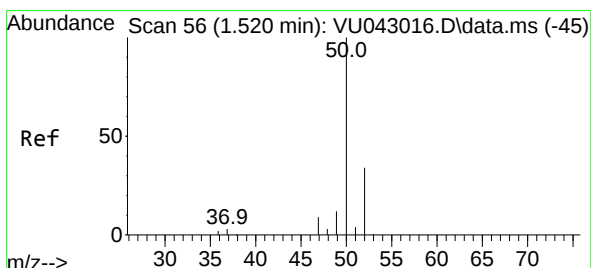
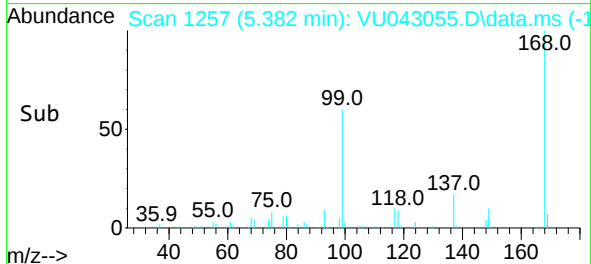
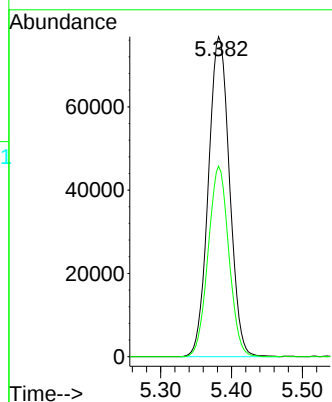
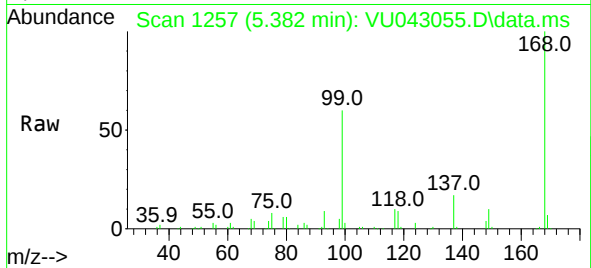




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

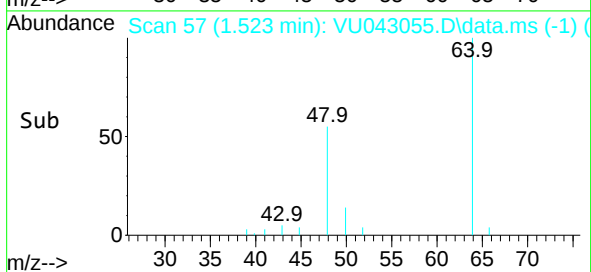
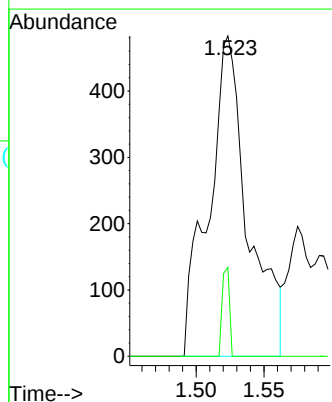
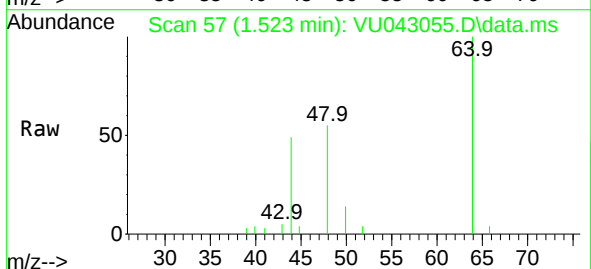
Instrument :
MSVOA_U
ClientSampleId :

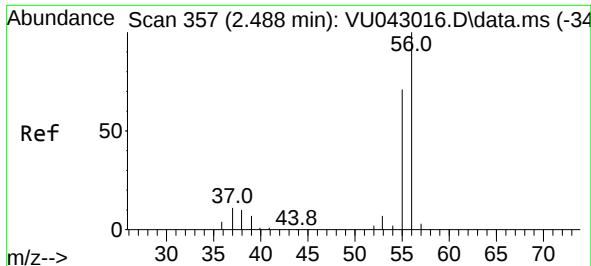
Tgt Ion:168 Resp: 159385
Ion Ratio Lower Upper
168 100
99 59.5 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

Tgt Ion: 50 Resp: 974
Ion Ratio Lower Upper
50 100
52 27.7 26.6 40.0

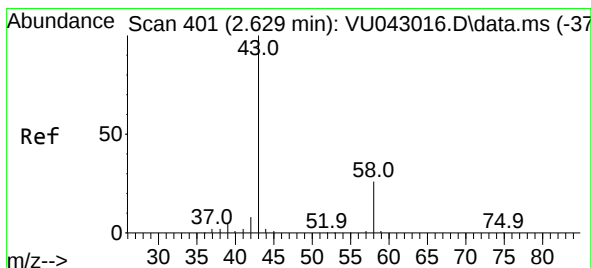
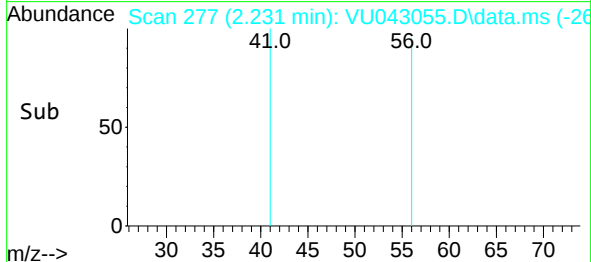
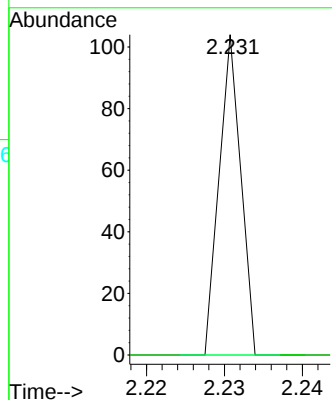
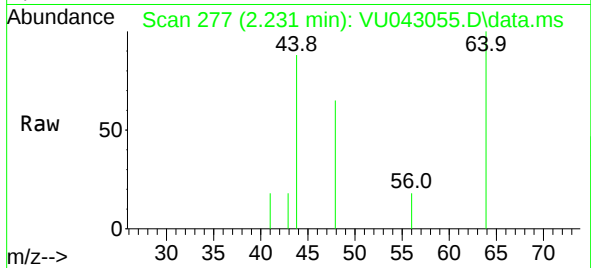




#13
Acrolein
Concen: 10.46 ug/l
RT: 2.231 min Scan# 277
Delta R.T. -0.257 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

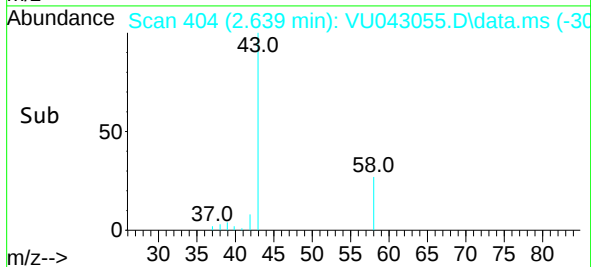
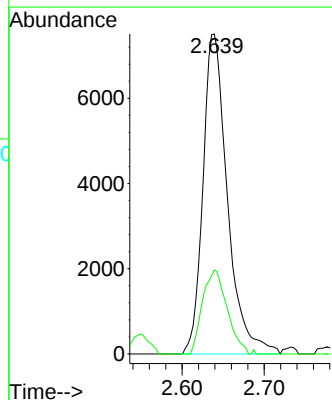
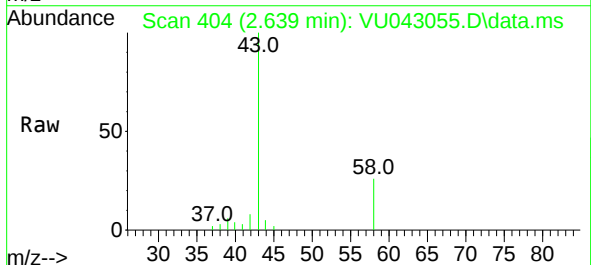
Instrument :
MSVOA_U
ClientSampleId :

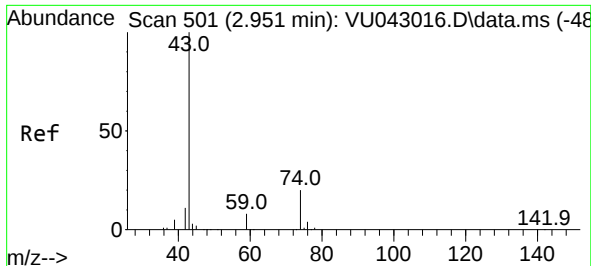
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#



#16
Acetone
Concen: 9.58 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

Tgt Ion: 43 Resp: 15572
Ion Ratio Lower Upper
43 100
58 26.3 21.5 32.3

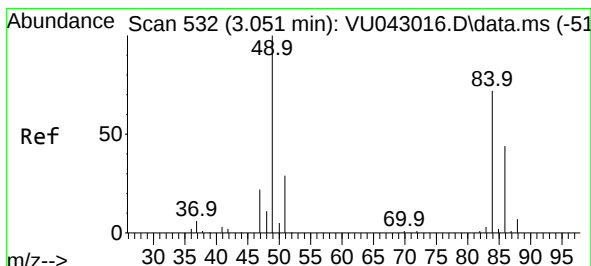
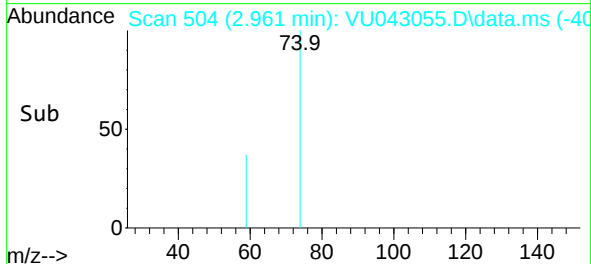
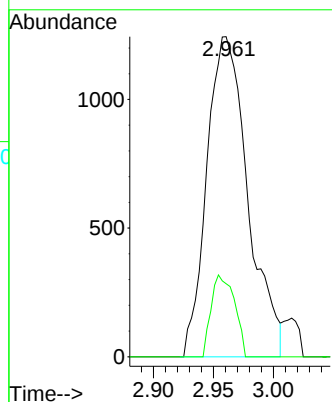
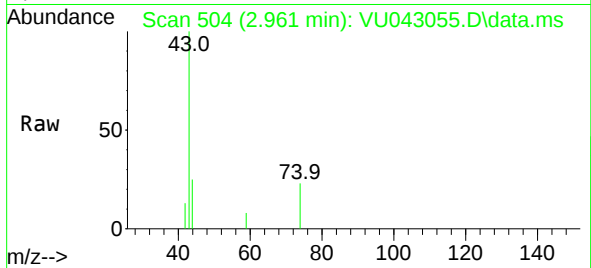




#18
Methyl Acetate
Concen: 0.88 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.010 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

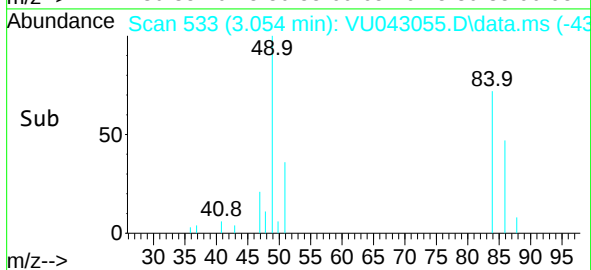
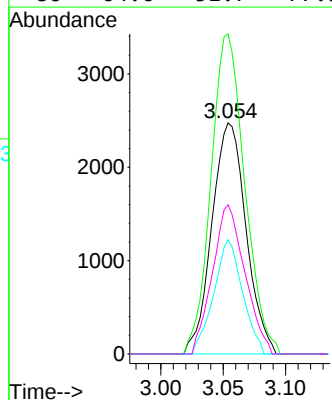
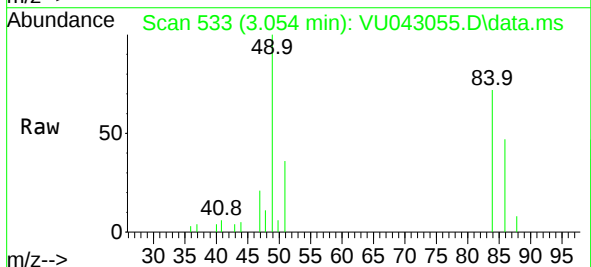
Instrument :
MSVOA_U
ClientSampled :

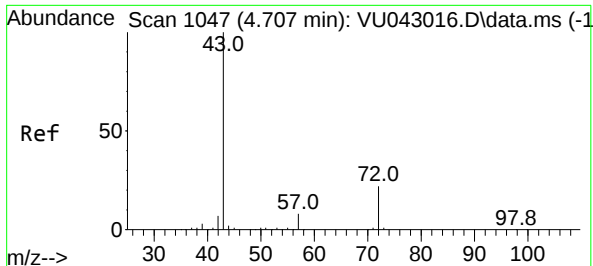
Tgt Ion: 43 Resp: 2963
Ion Ratio Lower Upper
43 100
74 14.5 16.6 25.0#



#20
Methylene Chloride
Concen: 2.48 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

Tgt Ion: 84 Resp: 4727
Ion Ratio Lower Upper
84 100
49 138.5 112.6 169.0
51 49.5 33.7 50.5
86 64.6 51.7 77.5

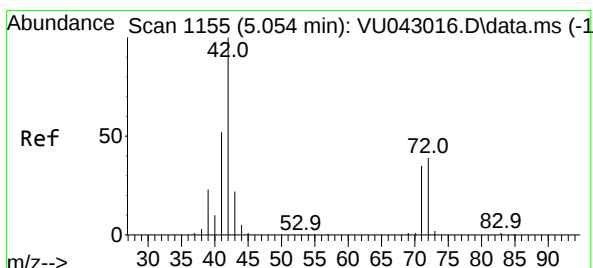
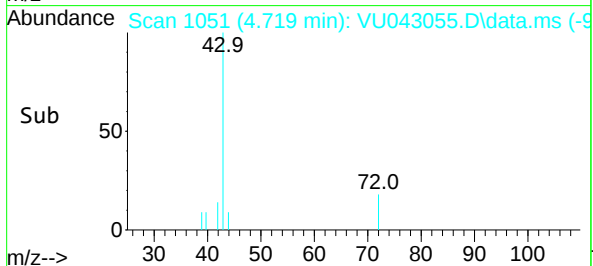
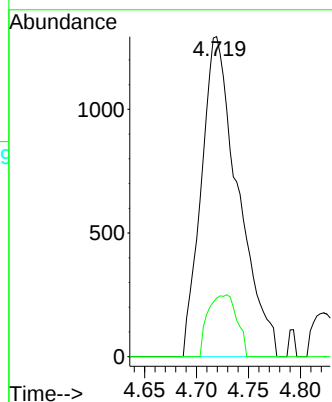
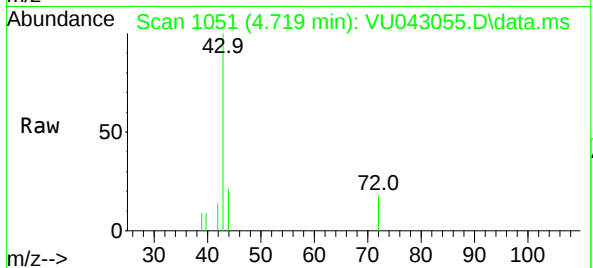




#25
2-Butanone
Concen: 1.31 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.012 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

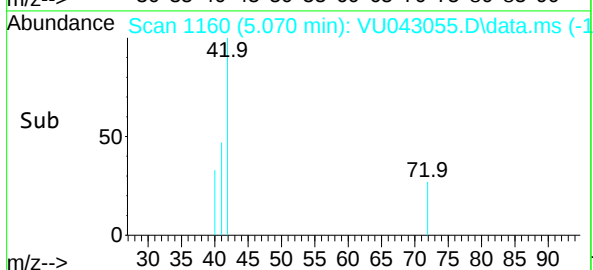
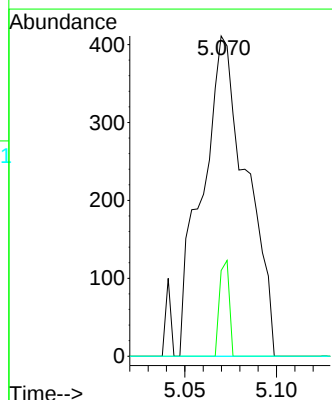
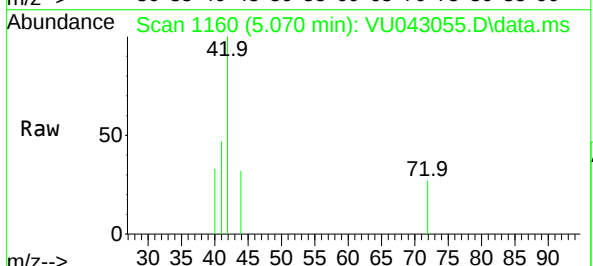
Instrument :
MSVOA_U
ClientSampled :

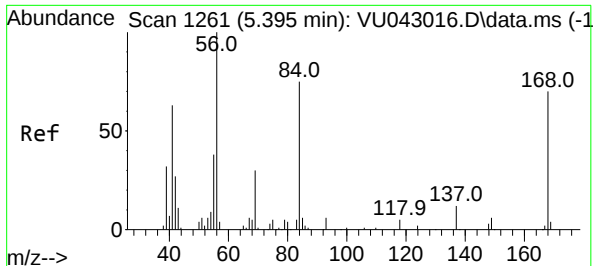
Tgt Ion: 43 Resp: 3184
Ion Ratio Lower Upper
43 100
72 18.3 17.4 26.0



#29
Tetrahydrofuran
Concen: 0.45 ug/l
RT: 5.070 min Scan# 1160
Delta R.T. 0.016 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

Tgt Ion: 42 Resp: 692
Ion Ratio Lower Upper
42 100
72 6.5 31.5 47.3#
71 0.0 29.5 44.3#





#31

Cyclohexane

Concen: 1.09 ug/l

RT: 5.385 min Scan# 1258

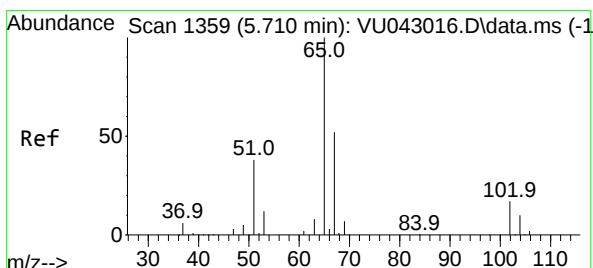
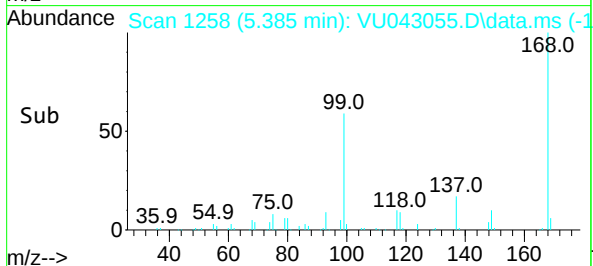
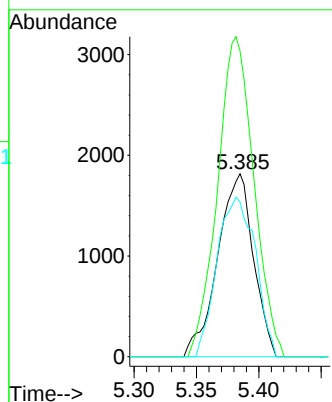
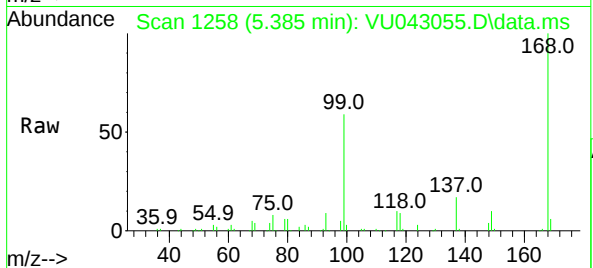
Delta R.T. -0.010 min

Lab File: VU043055.D

Acq: 13 Apr 2021 16:36

Tgt Ion:	56	Resp:	3615
Ion	Ratio	Lower	Upper
56	100		
69	167.0	24.9	37.3#
84	84.5	63.7	95.5

Instrument :
MSVOA_U
ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 59.68 ug/l

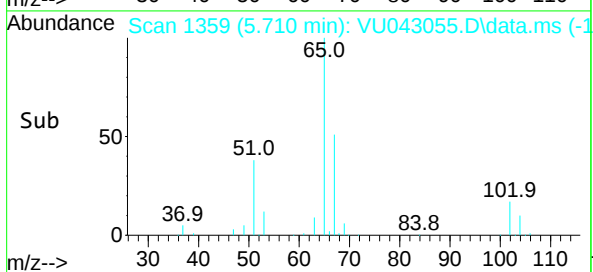
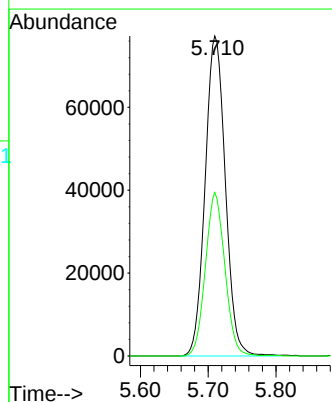
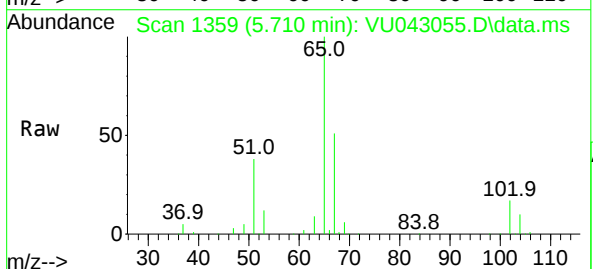
RT: 5.710 min Scan# 1359

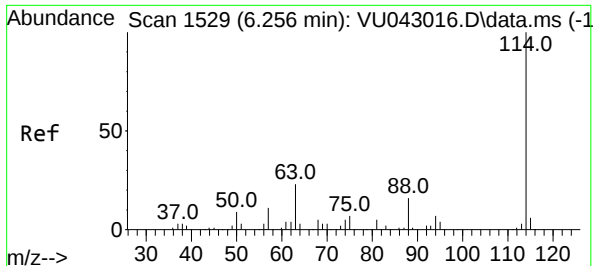
Delta R.T. -0.000 min

Lab File: VU043055.D

Acq: 13 Apr 2021 16:36

Tgt Ion:	65	Resp:	159895
Ion	Ratio	Lower	Upper
65	100		
67	49.1	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: VU043055.D

Acq: 13 Apr 2021 16:36

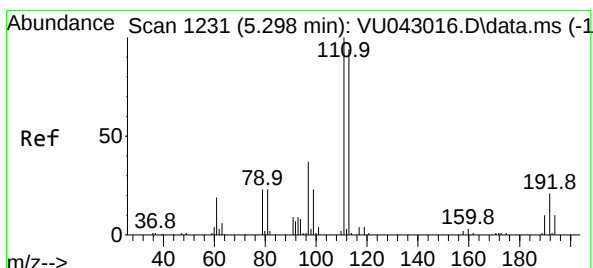
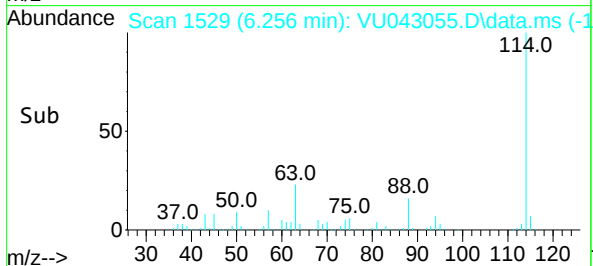
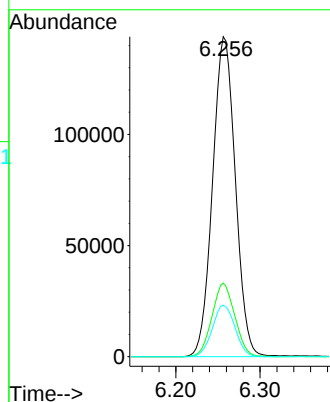
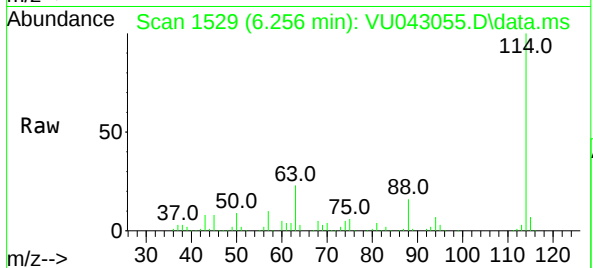
Tgt Ion:114 Resp: 269886

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.2

88 16.1 0.0 33.4



#35

Dibromofluoromethane

Concen: 54.44 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043055.D

Acq: 13 Apr 2021 16:36

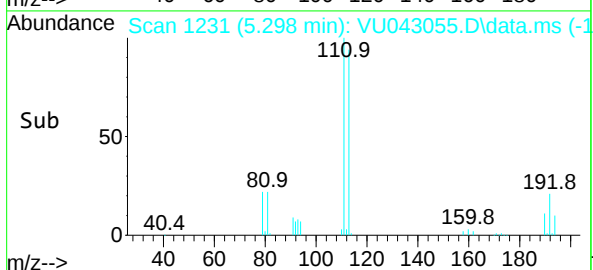
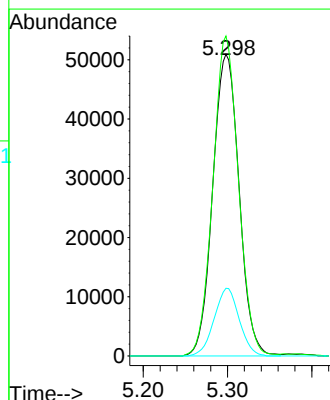
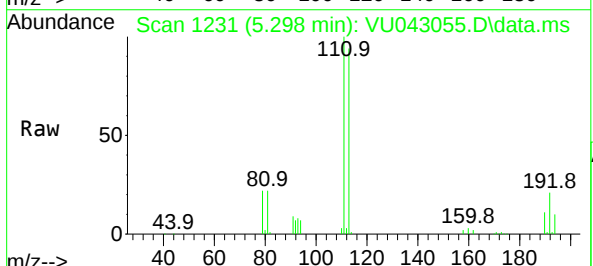
Tgt Ion:113 Resp: 110402

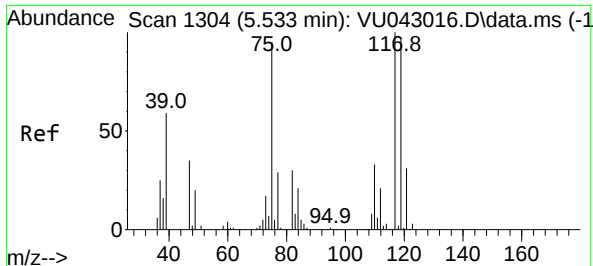
Ion Ratio Lower Upper

113 100

111 102.8 81.8 122.8

192 21.3 17.2 25.8



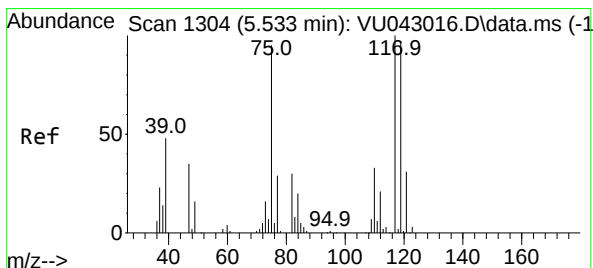
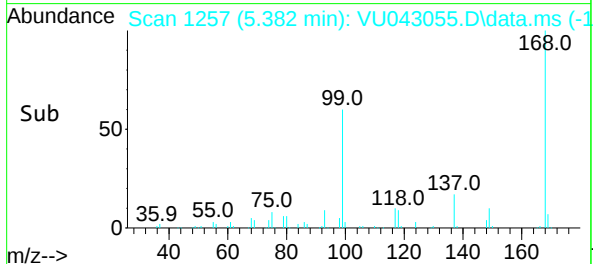
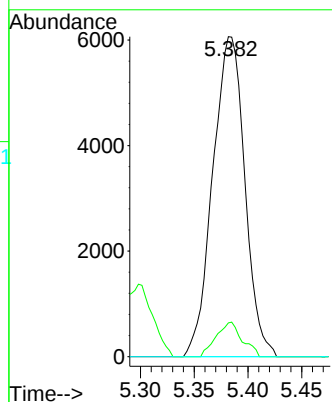
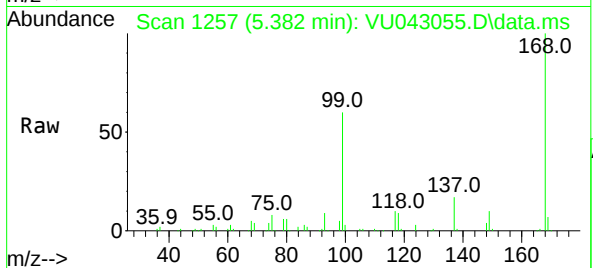


#36

1,1-Dichloropropene
Concen: 4.39 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

Instrument :
MSVOA_U
ClientSampleId :

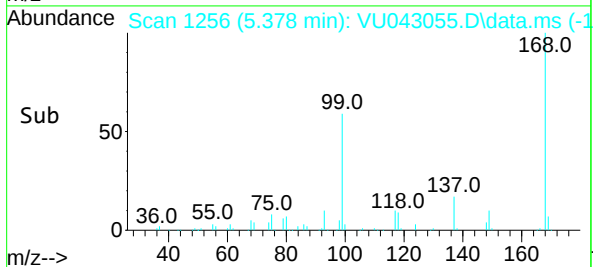
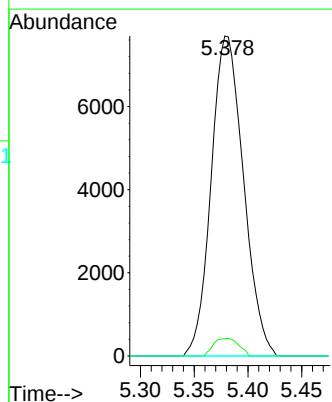
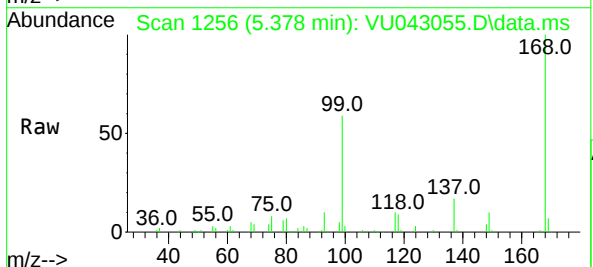
Tgt Ion: 75 Resp: 12581
Ion Ratio Lower Upper
75 100
110 8.8 16.8 50.3#
77 0.0 24.8 37.2#

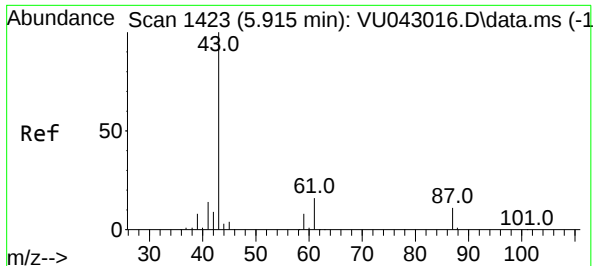


#38

Carbon Tetrachloride
Concen: 5.23 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

Tgt Ion: 117 Resp: 16067
Ion Ratio Lower Upper
117 100
119 5.4 75.5 113.3#
121 0.0 24.7 37.1#

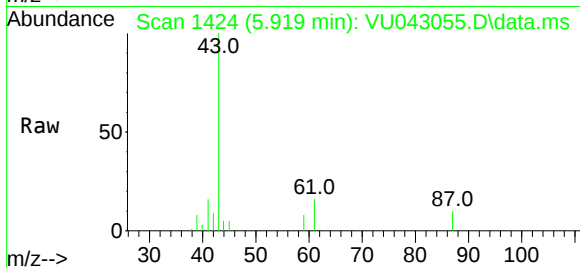




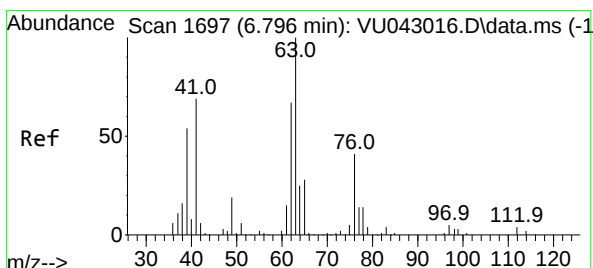
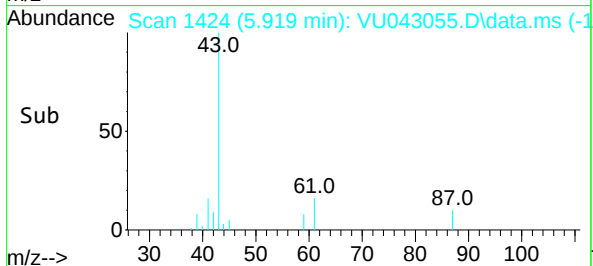
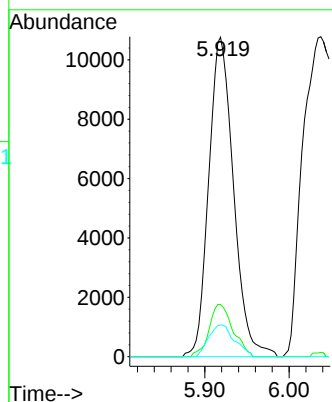
#43

Isopropyl Acetate
 Concen: 3.15 ug/l
 RT: 5.919 min Scan# 1424
 Delta R.T. 0.004 min
 Lab File: VU043055.D
 Acq: 13 Apr 2021 16:36

Instrument :
 MSVOA_U
 ClientSampleId :

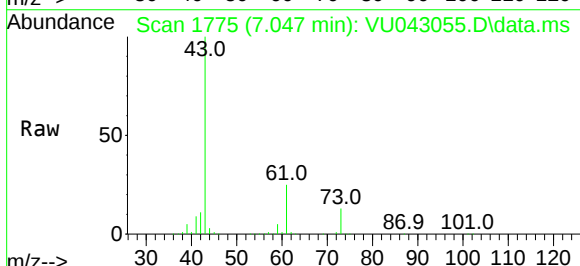


Tgt Ion:	43	Resp:	21997
Ion Ratio	Lower	Upper	
43	100		
61	15.7	14.4	21.6
87	10.3	8.8	13.2

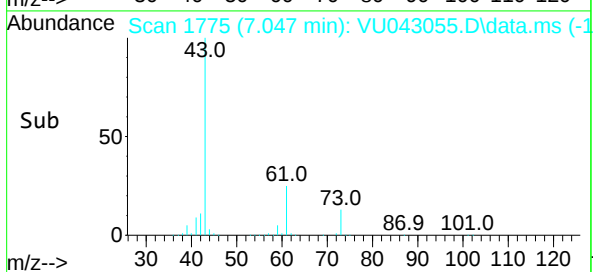
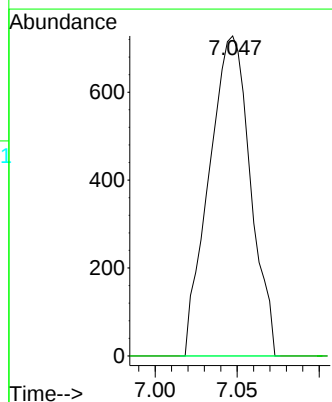


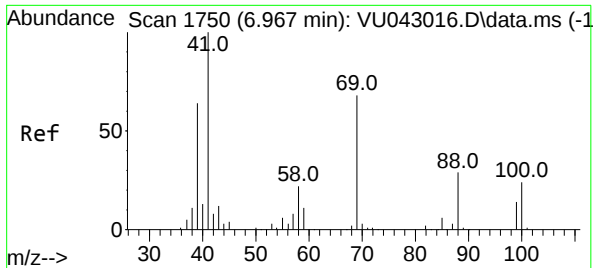
#45

1,2-Dichloropropane
 Concen: 0.56 ug/l
 RT: 7.047 min Scan# 1775
 Delta R.T. 0.251 min
 Lab File: VU043055.D
 Acq: 13 Apr 2021 16:36



Tgt Ion:	63	Resp:	1278
Ion Ratio	Lower	Upper	
63	100		
65	0.0	25.4	38.2#

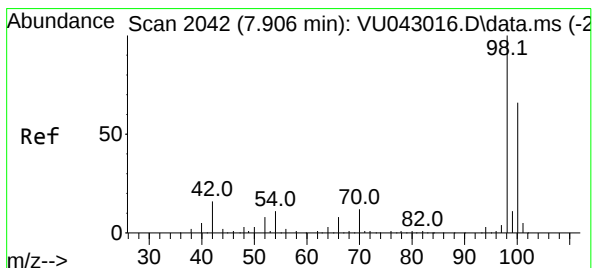
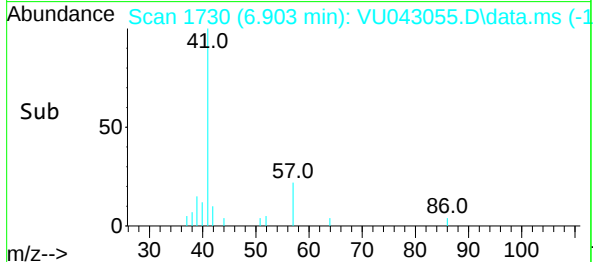
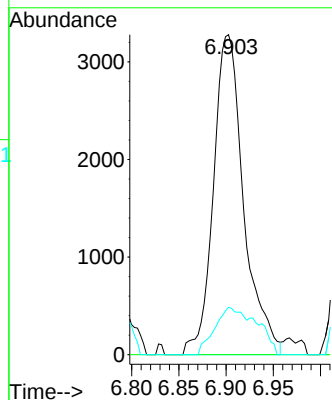
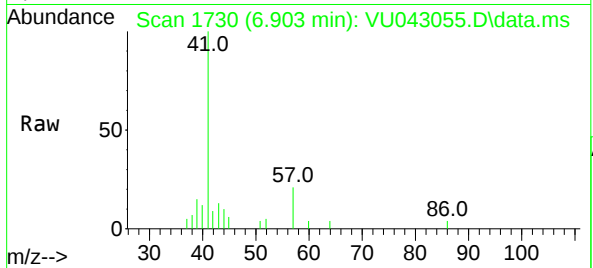




#48
Methyl methacrylate
Concen: 2.08 ug/l
RT: 6.903 min Scan# 1730
Delta R.T. -0.064 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

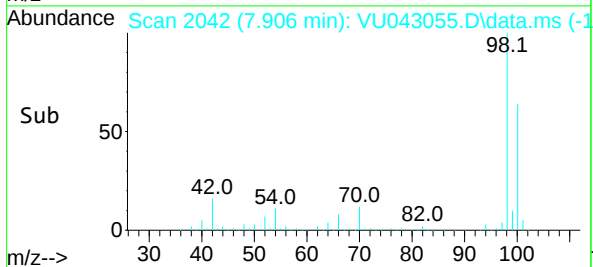
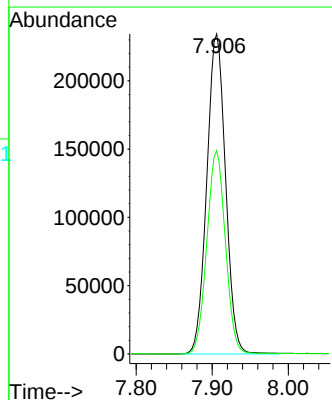
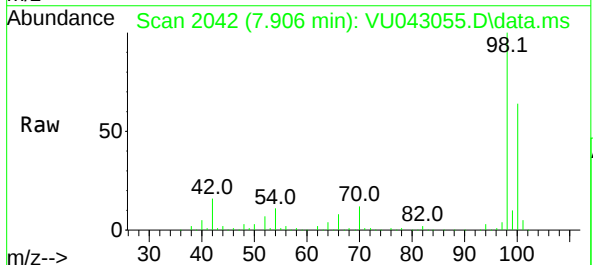
Instrument :
MSVOA_U
ClientSampleId :

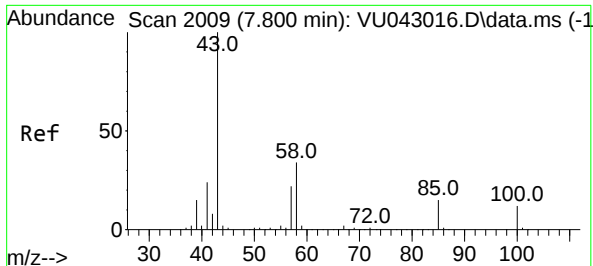
Tgt Ion: 41 Resp: 7307
Ion Ratio Lower Upper
41 100
69 0.0 57.0 85.6#
39 0.0 48.4 72.6#



#50
Toluene-d8
Concen: 55.99 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

Tgt Ion: 98 Resp: 401765
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2

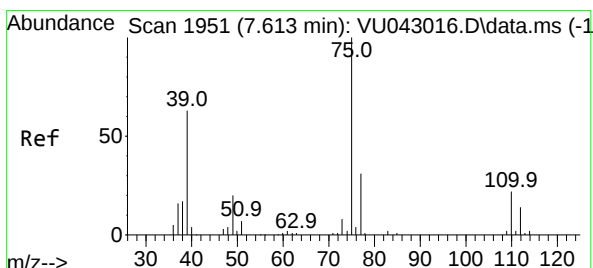
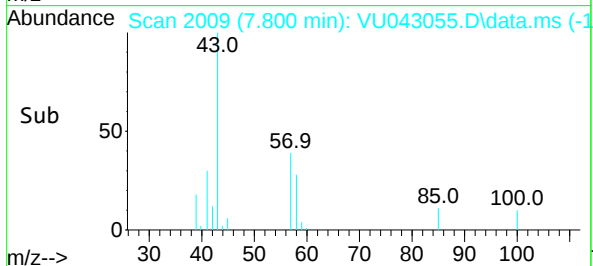
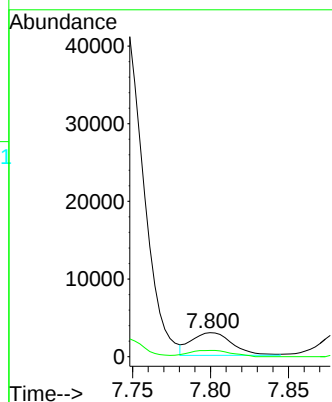
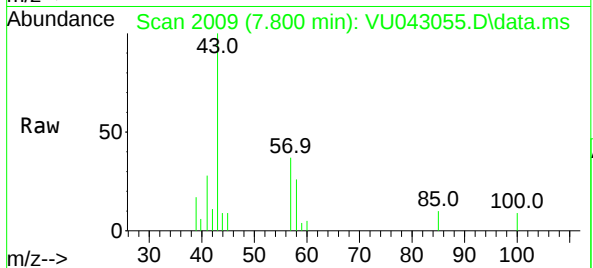




#51
4-Methyl-2-Pentanone
Concen: 1.04 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

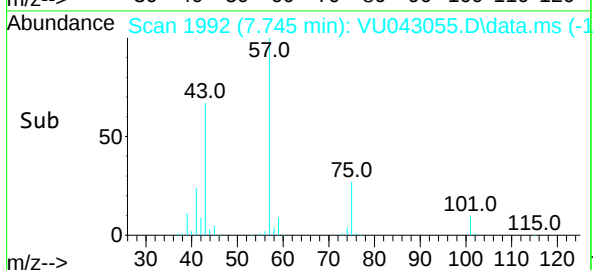
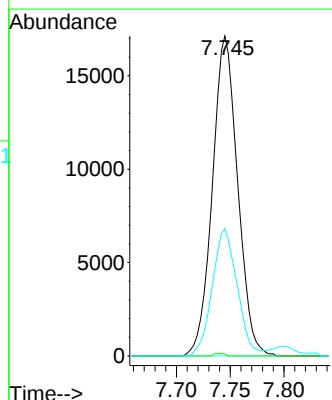
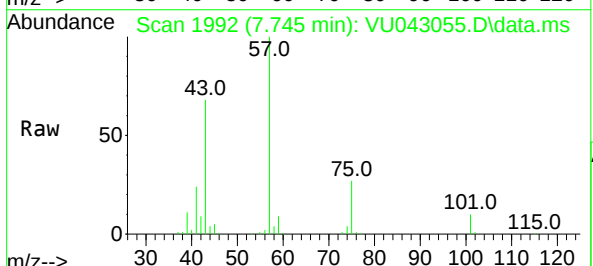
Instrument :
MSVOA_U
ClientSampled :

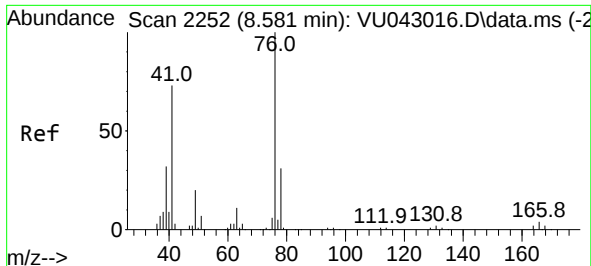
Tgt Ion: 43 Resp: 5349
Ion Ratio Lower Upper
43 100
58 29.2 28.1 42.1



#54
cis-1,3-Dichloropropene
Concen: 7.79 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

Tgt Ion: 75 Resp: 27962
Ion Ratio Lower Upper
75 100
77 0.6 24.6 37.0#
39 39.8 46.1 69.1#

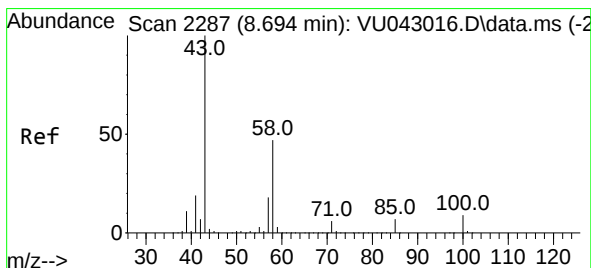
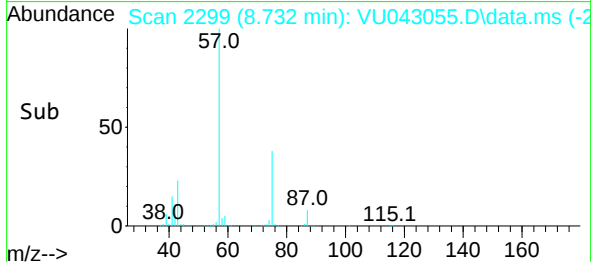
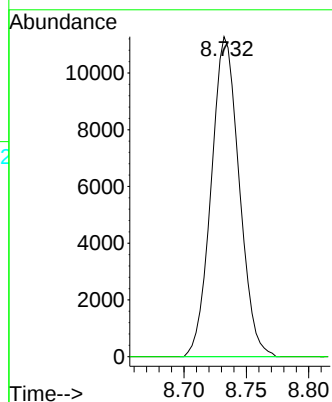
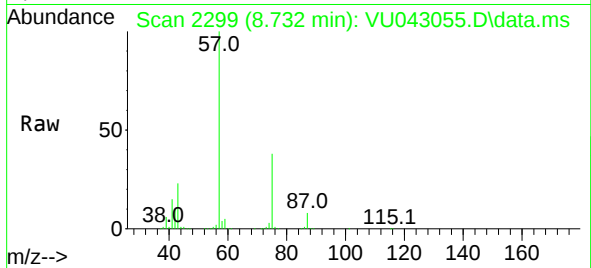




#57
1,3-Dichloropropane
Concen: 4.69 ug/l
RT: 8.732 min Scan# 2299
Delta R.T. 0.151 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

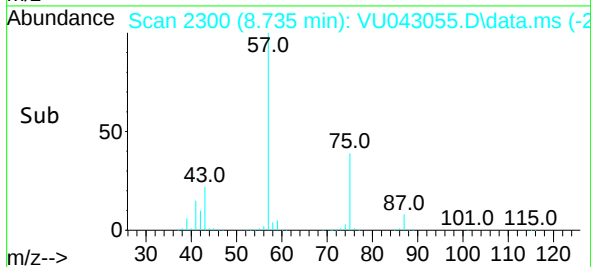
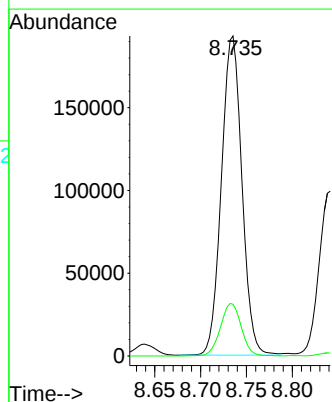
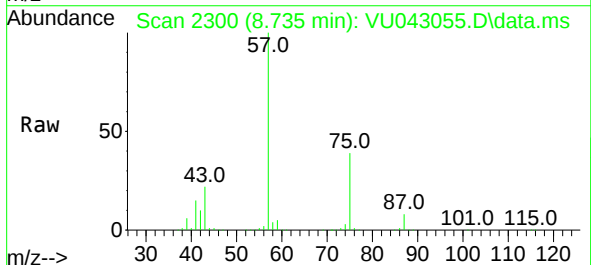
Instrument :
MSVOA_U
ClientSampled :

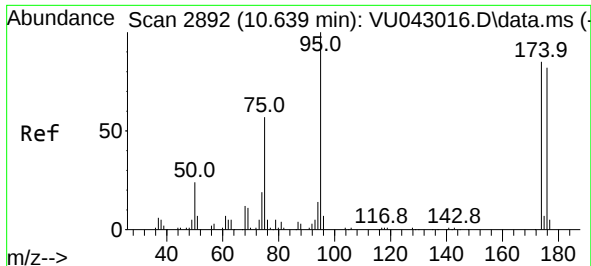
Tgt Ion: 76 Resp: 17627
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 70.49 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.041 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

Tgt Ion: 43 Resp: 299837
Ion Ratio Lower Upper
43 100
58 16.8 24.0 72.0#

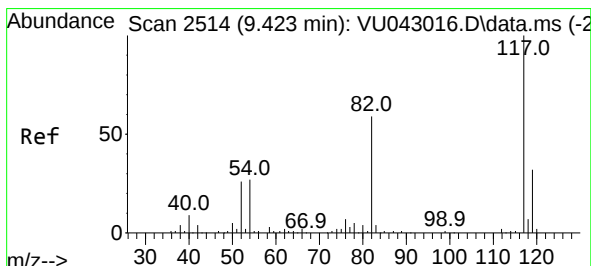
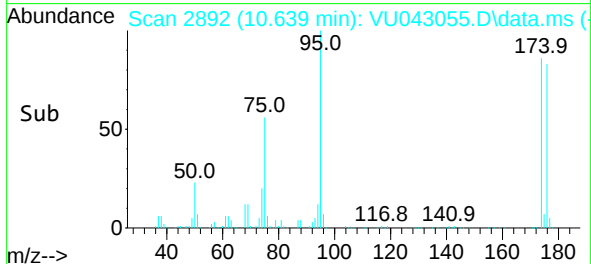
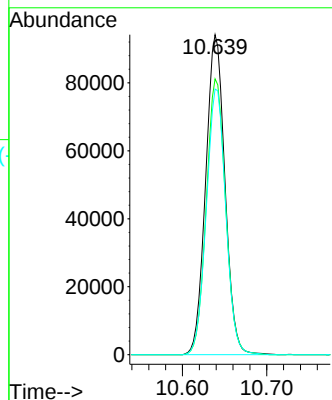
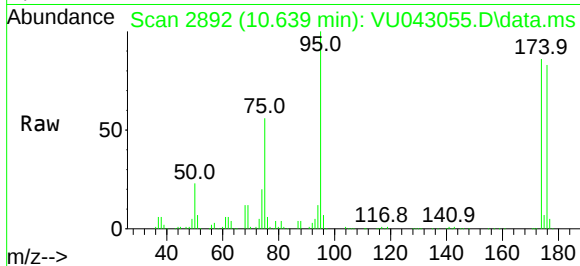




#62
4-Bromofluorobenzene
Concen: 52.08 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

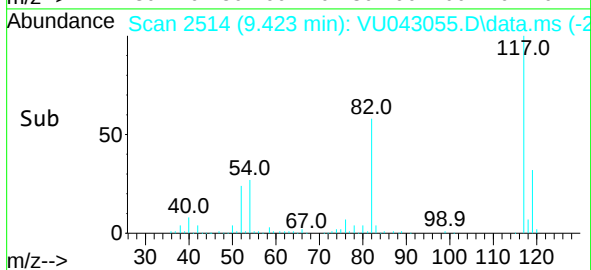
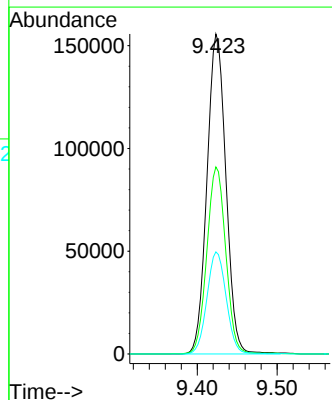
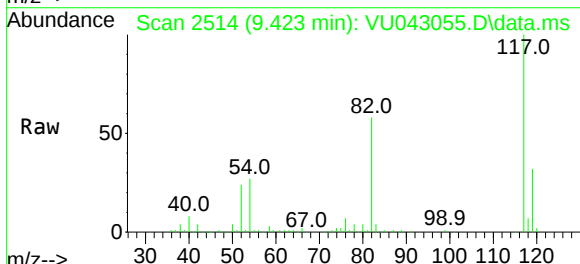
Instrument :
MSVOA_U
ClientSampleId :

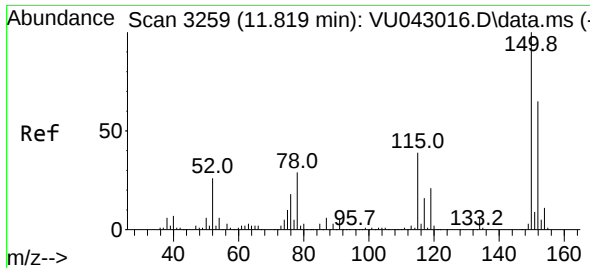
Tgt Ion: 95 Resp: 149645
Ion Ratio Lower Upper
95 100
174 86.3 0.0 172.2
176 83.8 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

Tgt Ion: 117 Resp: 256834
Ion Ratio Lower Upper
117 100
82 58.4 45.8 68.6
119 31.9 25.8 38.8

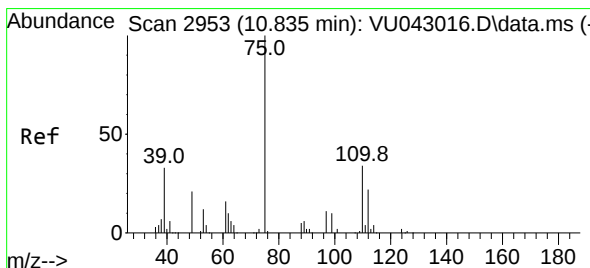
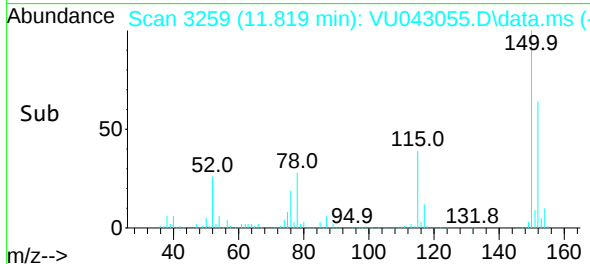
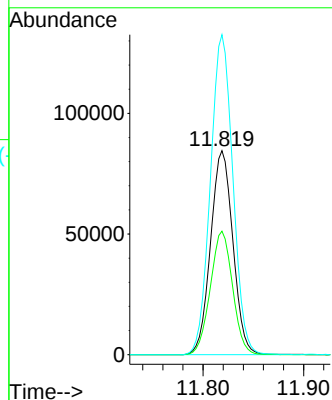
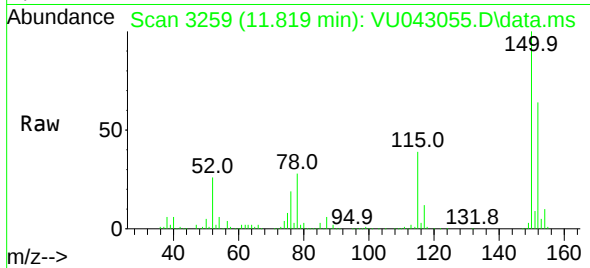




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043055.D
 Acq: 13 Apr 2021 16:36

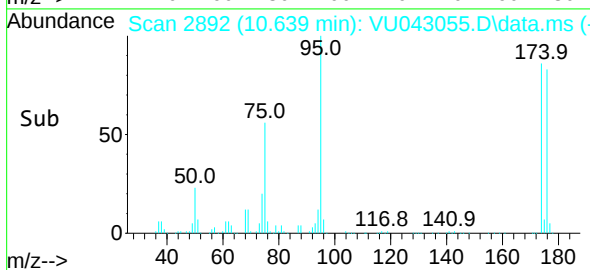
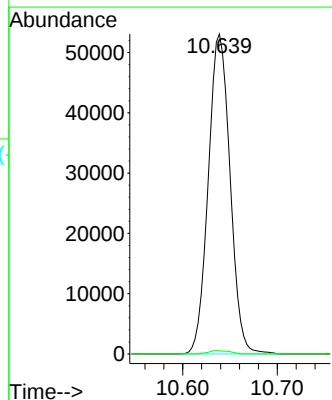
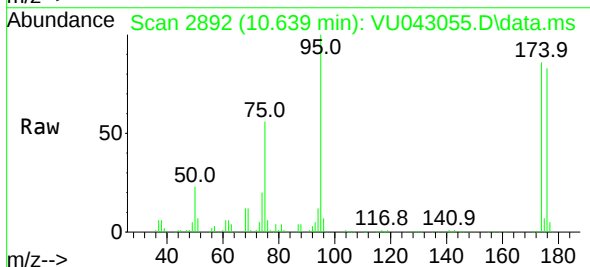
Instrument :
 MSVOA_U
 ClientSampled :

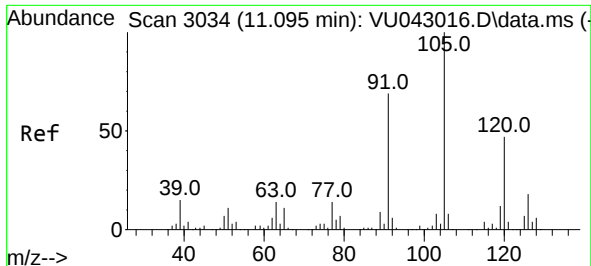
Tgt Ion:152 Resp: 130533
 Ion Ratio Lower Upper
 152 100
 115 60.3 41.5 124.6
 150 157.7 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 22.29 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043055.D
 Acq: 13 Apr 2021 16:36

Tgt Ion: 75 Resp: 85018
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.2 60.5#

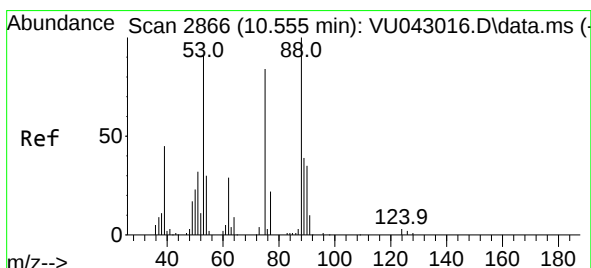
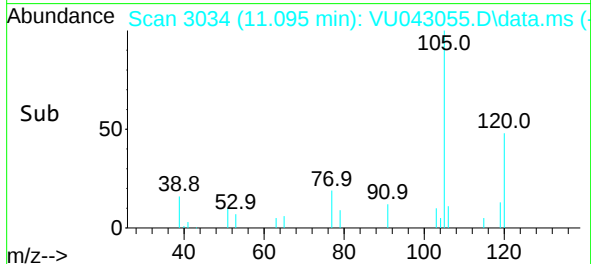
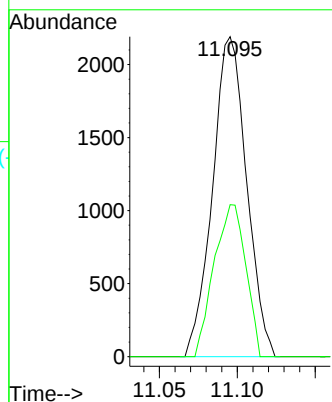
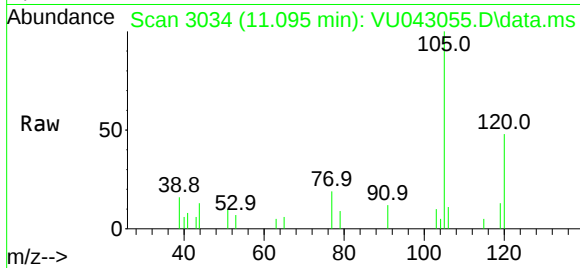




#80
1,3,5-Trimethylbenzene
Concen: 0.43 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

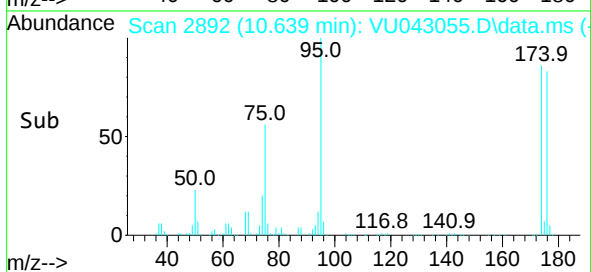
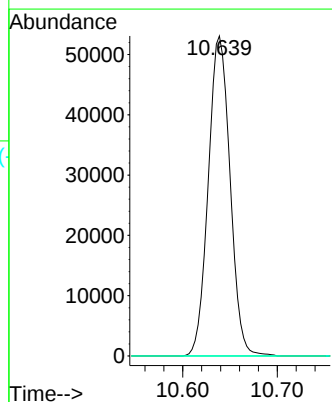
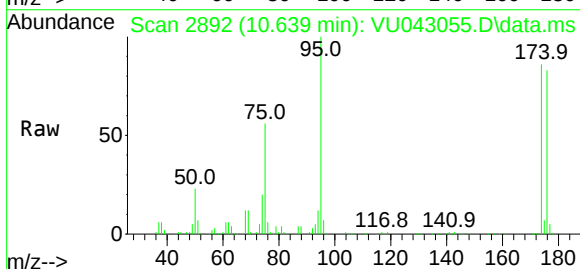
Instrument :
MSVOA_U
ClientSampled :

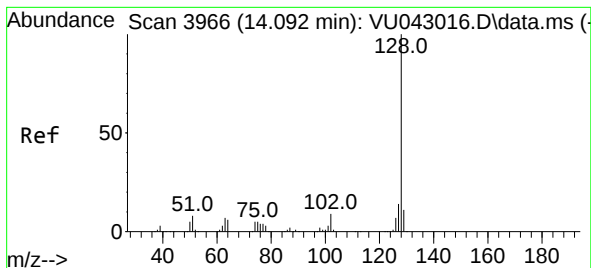
Tgt Ion:105 Resp: 3333
Ion Ratio Lower Upper
105 100
120 44.0 23.8 71.4



#81
trans-1,4-Dichloro-2-butene
Concen: 65.49 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

Tgt Ion: 75 Resp: 85018
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

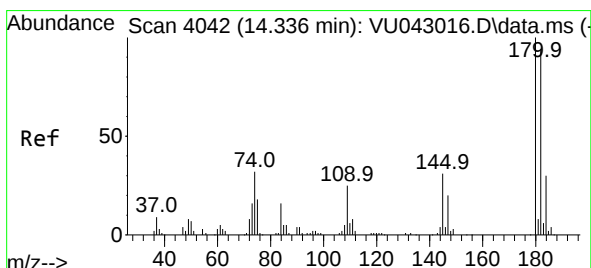
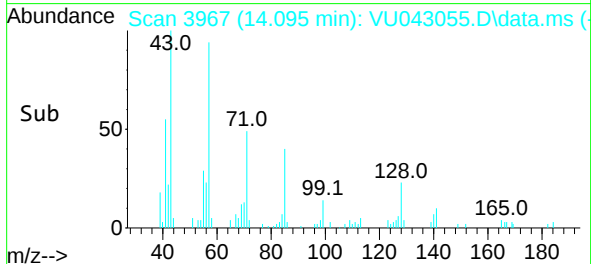
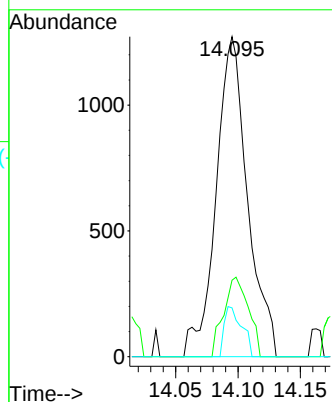
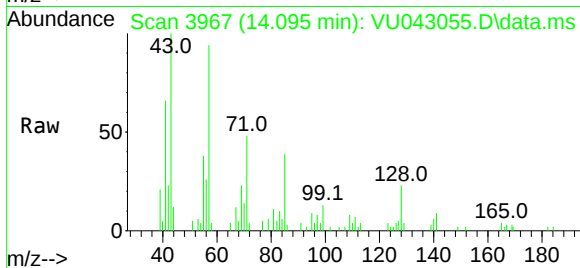




#95
Naphthalene
Concen: 2.96 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 2230
Ion Ratio Lower Upper
128 100
127 19.6 10.8 16.2#
129 8.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.53 ug/l
RT: 14.143 min Scan# 3982
Delta R.T. -0.193 min
Lab File: VU043055.D
Acq: 13 Apr 2021 16:36

Tgt Ion:180 Resp: 203
Ion Ratio Lower Upper
180 100
182 76.4 48.0 144.0
145 35.5 15.5 46.5

