

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043056.D
 Acq On : 13 Apr 2021 16:59
 Operator : SY/MD
 Sample : PB135653ZHE#01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 14 03:52:05 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

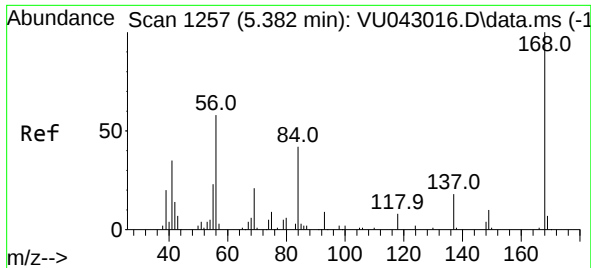
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.382	168	155638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	263698	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	257836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	135626	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	156994	60.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.00%	
35) Dibromofluoromethane	5.298	113	108183	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
50) Toluene-d8	7.906	98	397648	56.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.42%	
62) 4-Bromofluorobenzene	10.639	95	152952	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
Target Compounds					Qvalue	
3) Chloromethane	1.520	50	628	Below Cal	#	41
16) Acetone	2.639	43	15728	9.92	ug/l	99
18) Methyl Acetate	2.961	43	4677	1.43	ug/l	93
20) Methylene Chloride	3.054	84	3951	2.13	ug/l #	89
25) 2-Butanone	4.719	43	3254	1.37	ug/l	99
31) Cyclohexane	5.385	56	4133	1.28	ug/l #	40
36) 1,1-Dichloropropene	5.382	75	12773	4.57	ug/l #	50
38) Carbon Tetrachloride	5.382	117	15450	5.15	ug/l #	16
43) Isopropyl Acetate	5.919	43	21559	3.16	ug/l	96
45) 1,2-Dichloropropane	7.041	63	1169	0.52	ug/l #	43
48) Methyl methacrylate	6.899	41	7561	2.21	ug/l #	17
49) 1,4-Dioxane	7.041	88	219	3.19	ug/l #	1
51) 4-Methyl-2-Pentanone	7.796	43	4821	0.96	ug/l	90
54) cis-1,3-Dichloropropene	7.745	75	27788	7.93	ug/l #	64
57) 1,3-Dichloropropane	8.735	76	17326	4.72	ug/l #	43
59) 2-Hexanone	8.735	43	299725	72.12	ug/l #	53
76) 1,2,3-Trichloropropane	10.639	75	87349	22.04	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.092	105	3058	0.38	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.639	75	87349	64.76	ug/l #	7
95) Naphthalene	14.095	128	1521	2.89	ug/l	98
96) 1,2,3-Trichlorobenzene	14.343	180	70	1.48	ug/l #	12

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

Quant Time: Apr 14 03:52:05 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

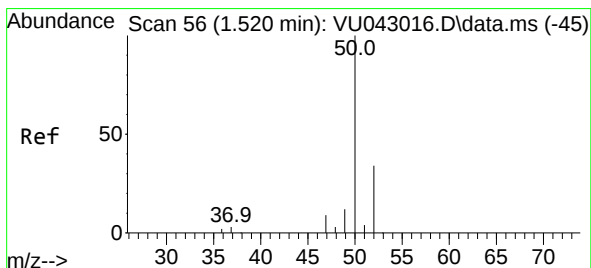
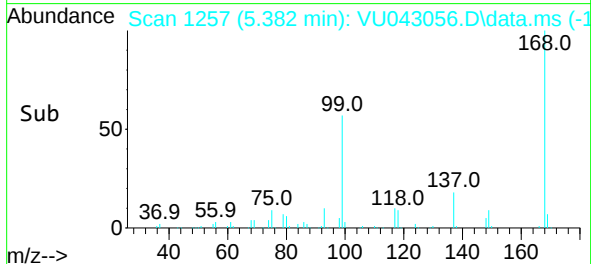
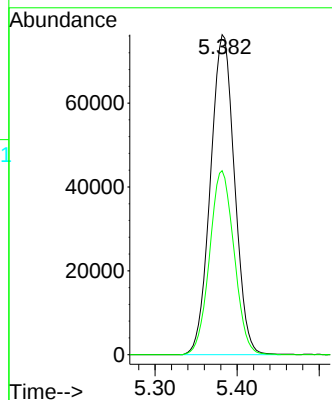
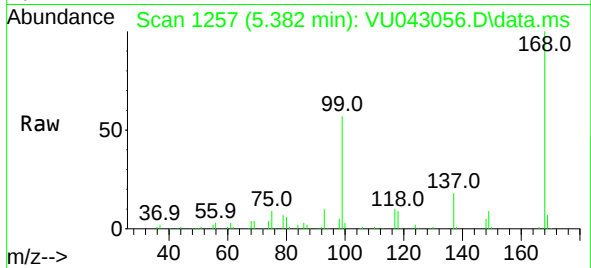




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

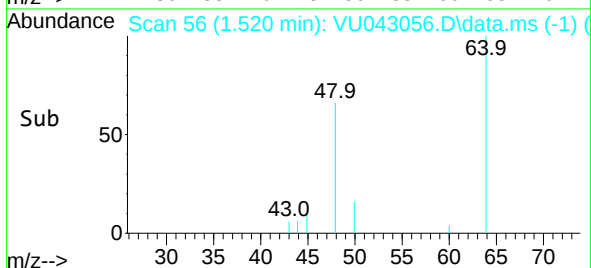
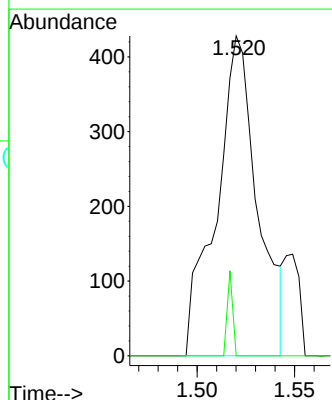
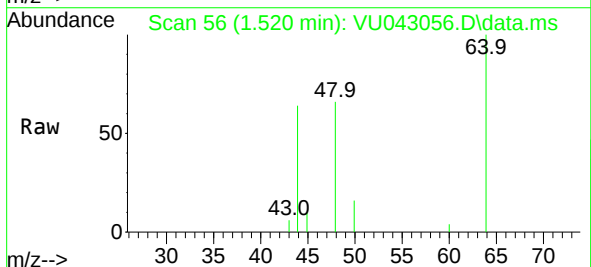
Instrument :
MSVOA_U
ClientSampled :

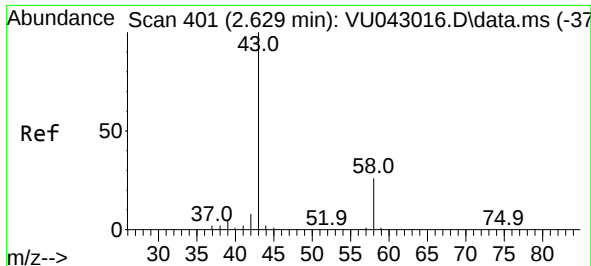
Tgt Ion:168 Resp: 155638
Ion Ratio Lower Upper
168 100
99 57.5 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

Tgt Ion: 50 Resp: 628
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

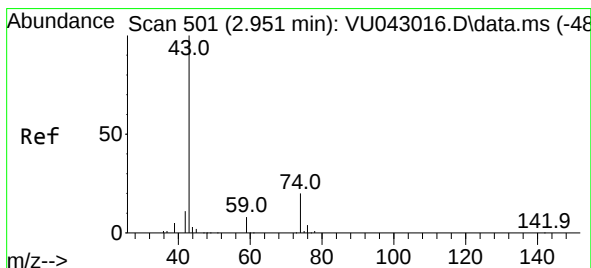
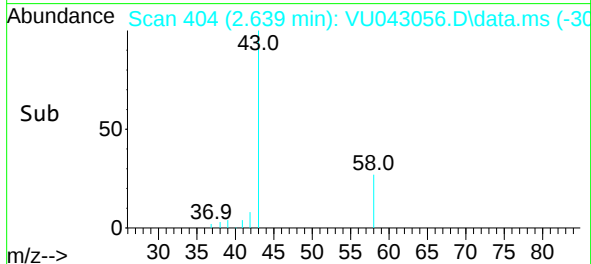
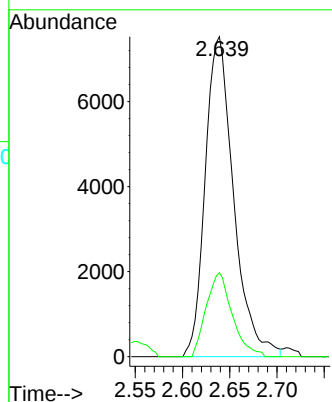
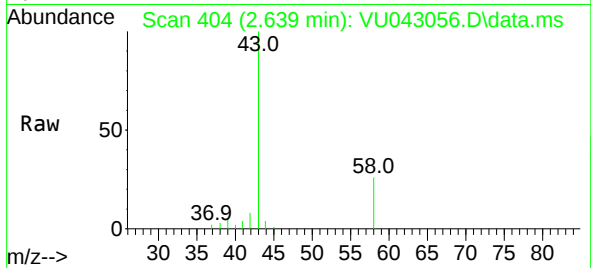




#16
Acetone
Concen: 9.92 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.010 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

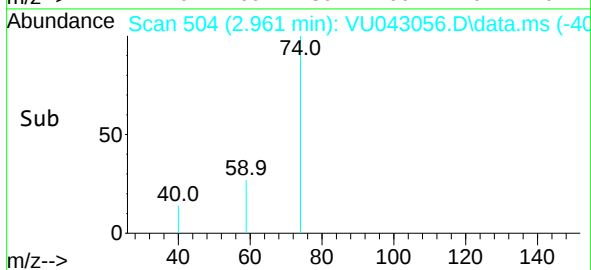
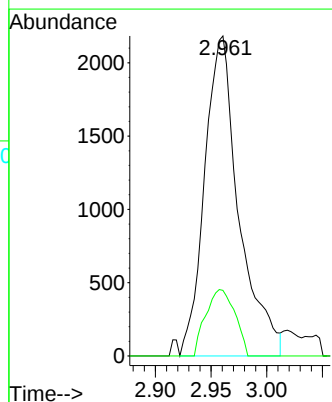
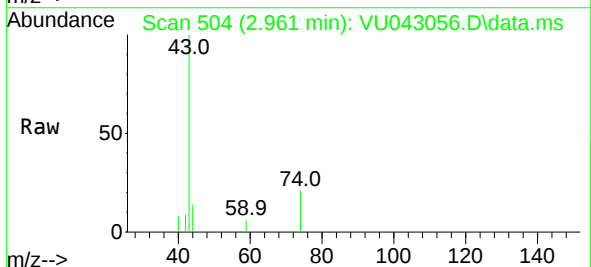
Instrument :
MSVOA_U
ClientSampled :

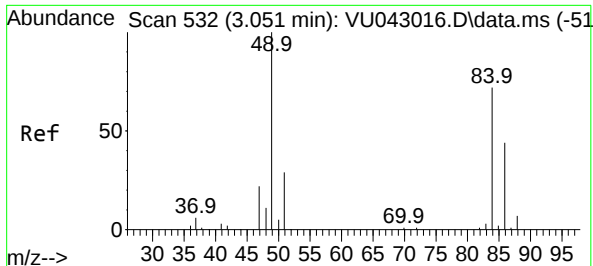
Tgt Ion: 43 Resp: 15728
Ion Ratio Lower Upper
43 100
58 26.3 21.5 32.3



#18
Methyl Acetate
Concen: 1.43 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.010 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

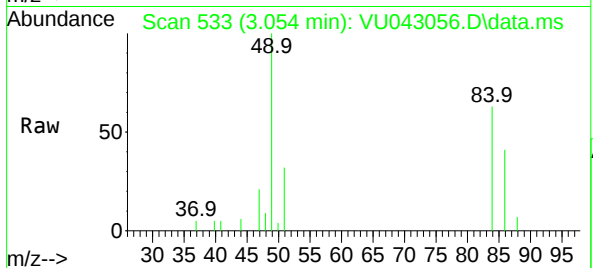
Tgt Ion: 43 Resp: 4677
Ion Ratio Lower Upper
43 100
74 17.7 16.6 25.0





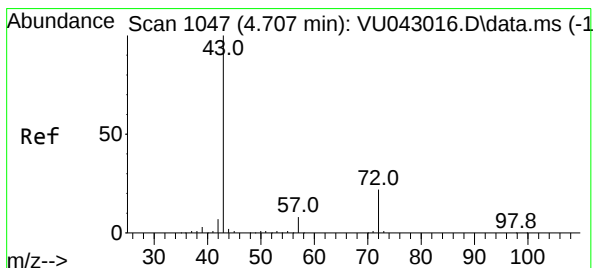
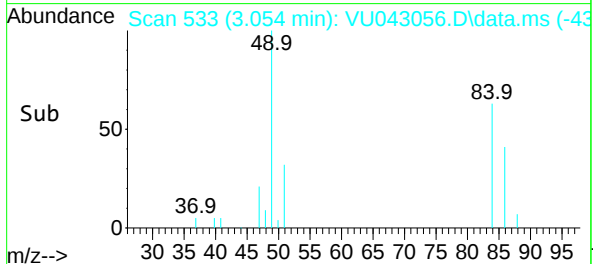
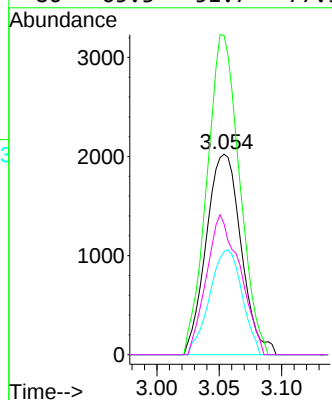
#20
Methylene Chloride
Concen: 2.13 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

Instrument :
MSVOA_U
ClientSampleId :

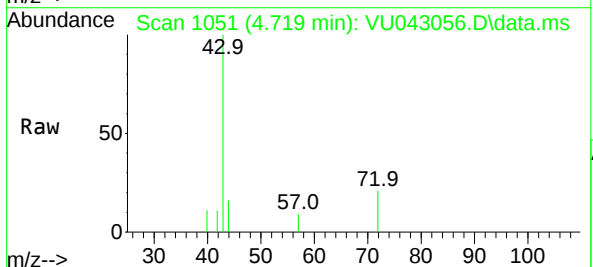


Tgt Ion: 84 Resp: 3951

Ion	Ratio	Lower	Upper
84	100		
49	159.4	112.6	169.0
51	51.4	33.7	50.5#
86	65.3	51.7	77.5

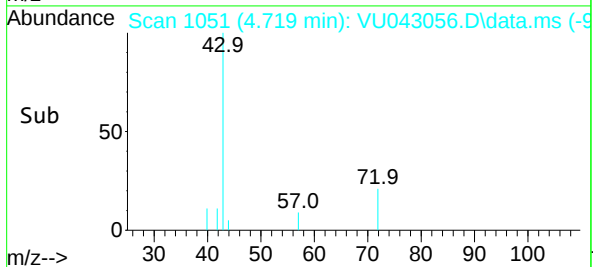
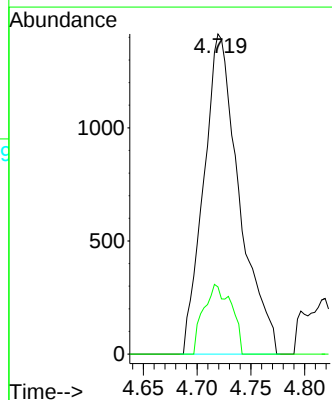


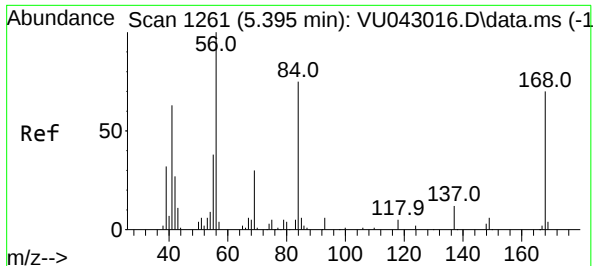
#25
2-Butanone
Concen: 1.37 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.012 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59



Tgt Ion: 43 Resp: 3254

Ion	Ratio	Lower	Upper
43	100		
72	21.0	17.4	26.0

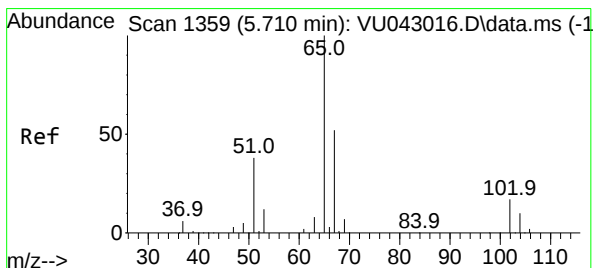
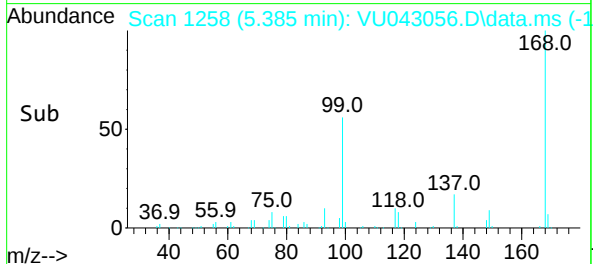
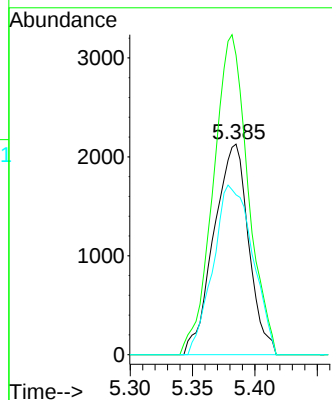
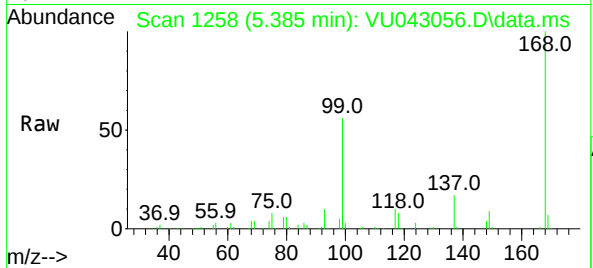




#31
Cyclohexane
Concen: 1.28 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. -0.010 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

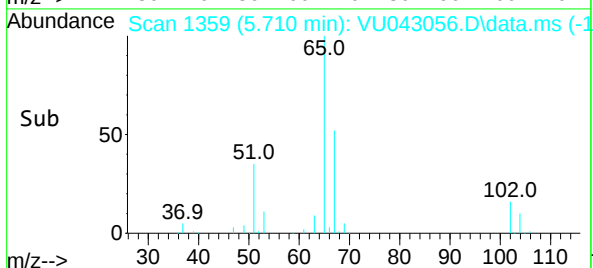
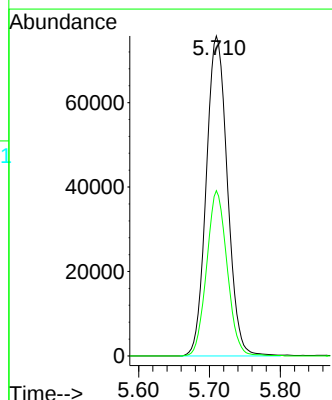
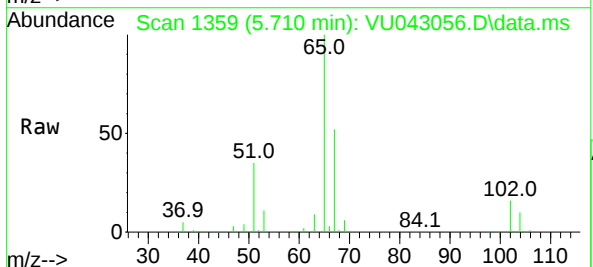
Instrument :
MSVOA_U
ClientSampleId :

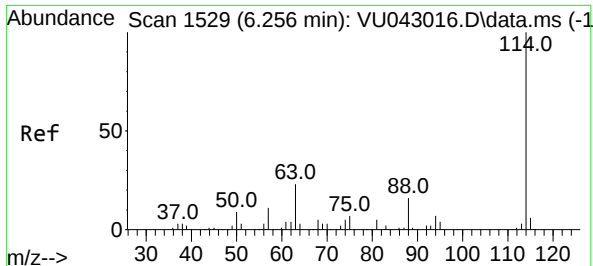
Tgt Ion: 56 Resp: 4133
Ion Ratio Lower Upper
56 100
69 142.2 24.9 37.3#
84 75.9 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 60.00 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

Tgt Ion: 65 Resp: 156994
Ion Ratio Lower Upper
65 100
67 50.0 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: VU043056.D

Acq: 13 Apr 2021 16:59

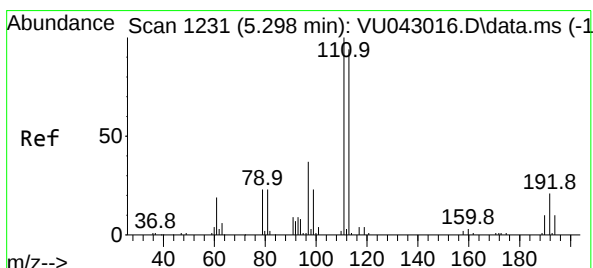
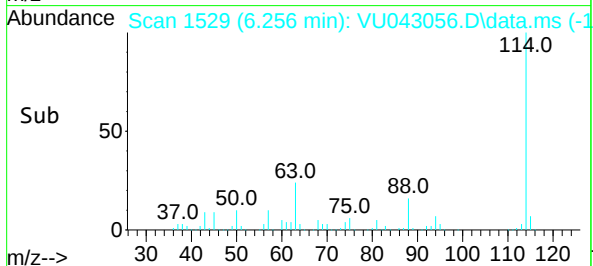
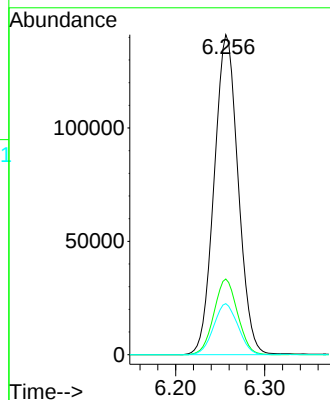
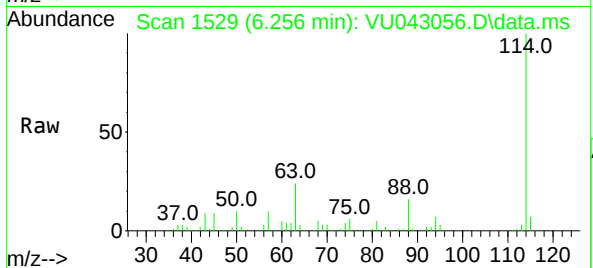
Tgt Ion:114 Resp: 263698

Ion Ratio Lower Upper

114 100

63 23.6 0.0 44.2

88 16.0 0.0 33.4



#35

Dibromofluoromethane

Concen: 54.60 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043056.D

Acq: 13 Apr 2021 16:59

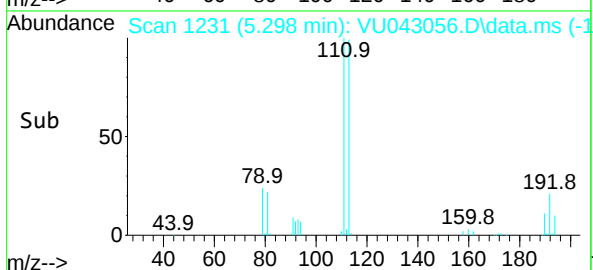
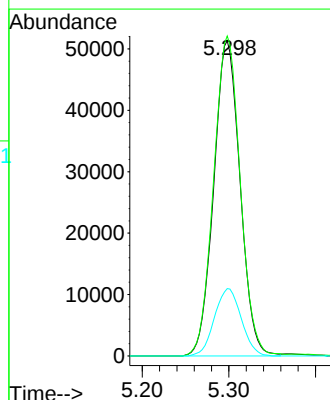
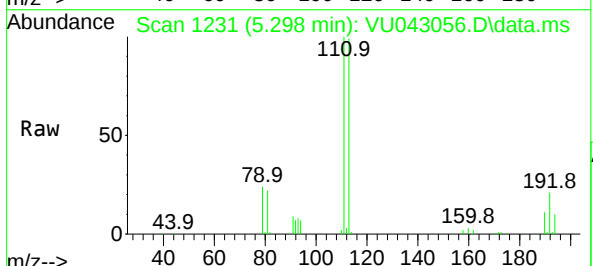
Tgt Ion:113 Resp: 108183

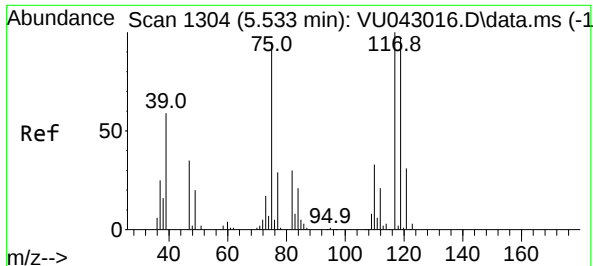
Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

192 21.8 17.2 25.8





#36

1,1-Dichloropropene

Concen: 4.57 ug/l

RT: 5.382 min Scan# 1257

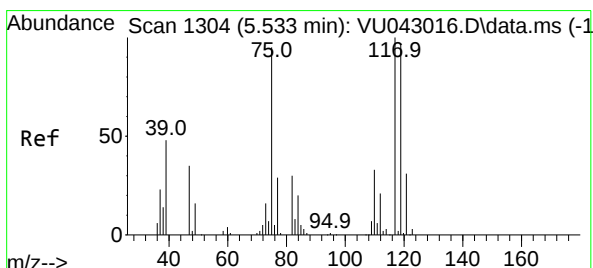
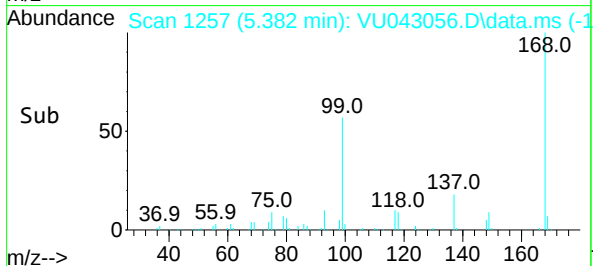
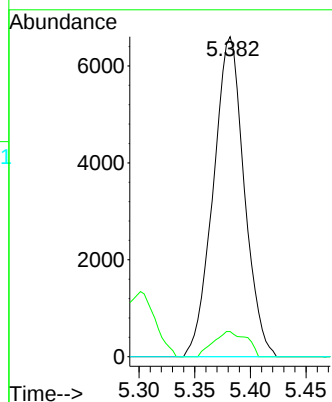
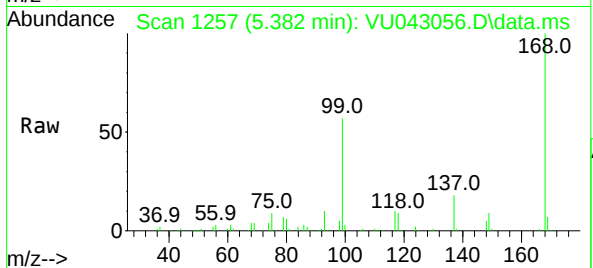
Delta R.T. -0.151 min

Lab File: VU043056.D

Acq: 13 Apr 2021 16:59

Tgt Ion:	75	Resp:	12773
Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.8	50.3#
77	0.0	24.8	37.2#

Instrument :
MSVOA_U
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.15 ug/l

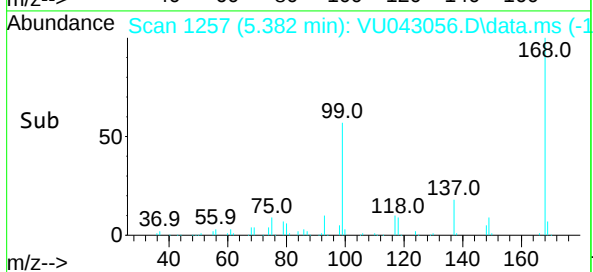
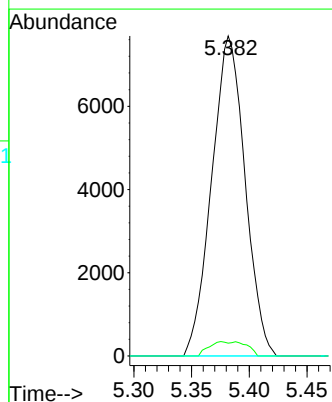
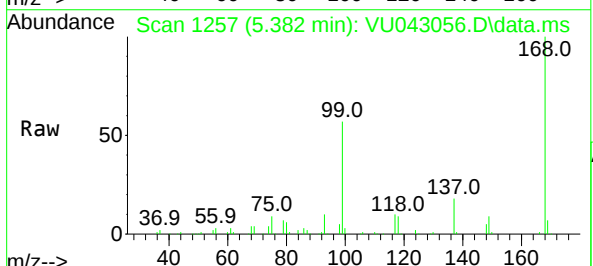
RT: 5.382 min Scan# 1257

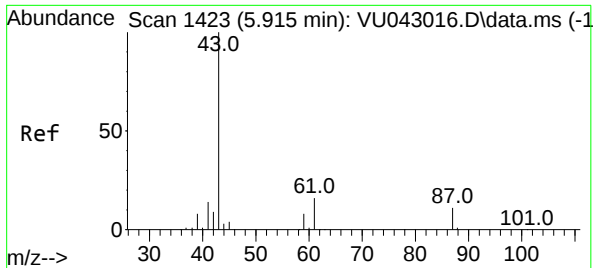
Delta R.T. -0.151 min

Lab File: VU043056.D

Acq: 13 Apr 2021 16:59

Tgt Ion:	117	Resp:	15450
Ion	Ratio	Lower	Upper
117	100		
119	4.0	75.5	113.3#
121	0.0	24.7	37.1#

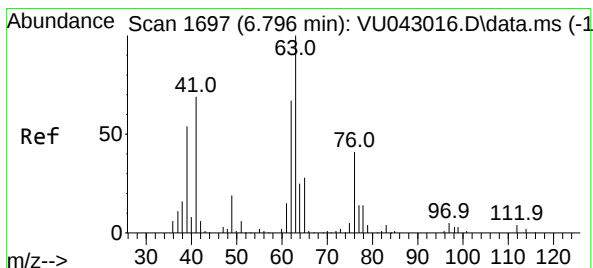
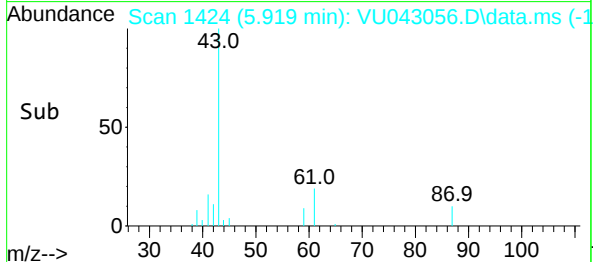
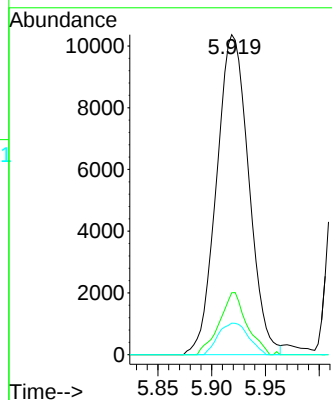
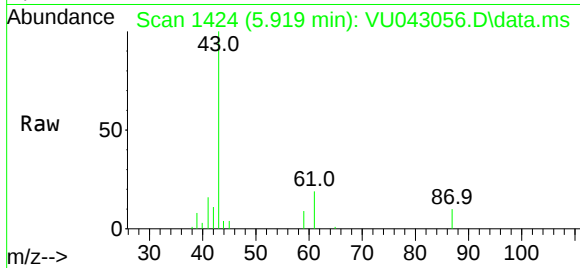




#43
Isopropyl Acetate
Concen: 3.16 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.004 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

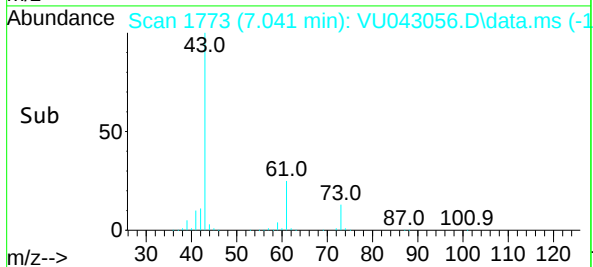
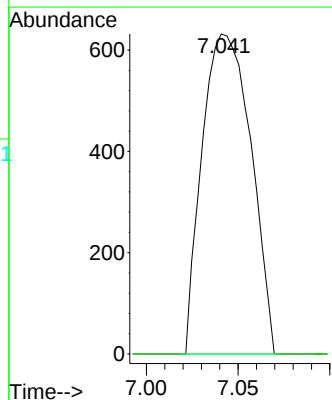
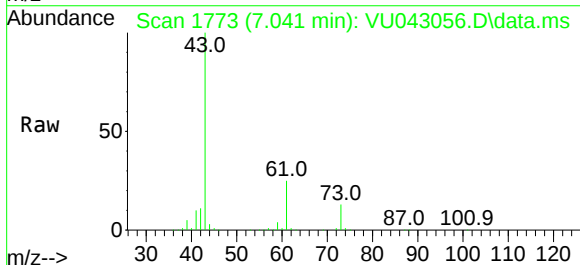
Instrument :
MSVOA_U
ClientSampleId :

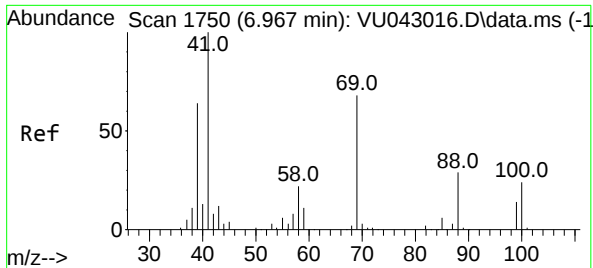
Tgt Ion:	43	Resp:	21559
Ion	Ratio	Lower	Upper
43	100		
61	16.5	14.4	21.6
87	9.2	8.8	13.2



#45
1,2-Dichloropropane
Concen: 0.52 ug/l
RT: 7.041 min Scan# 1773
Delta R.T. 0.245 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

Tgt Ion:	63	Resp:	1169
Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.4	38.2#

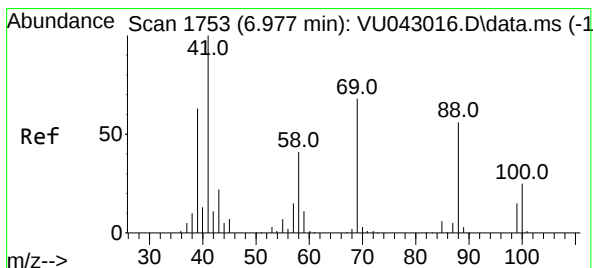
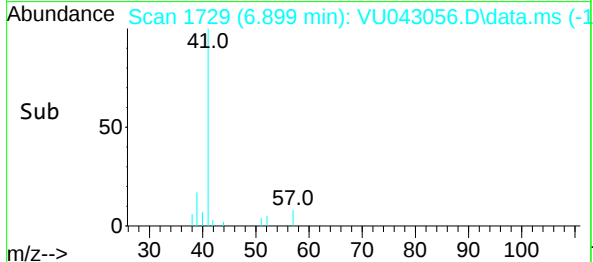
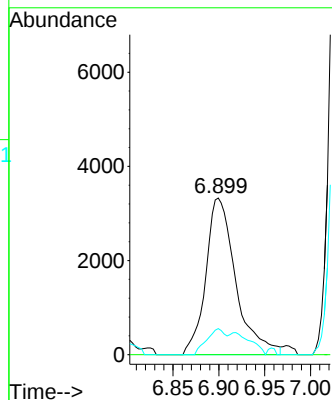
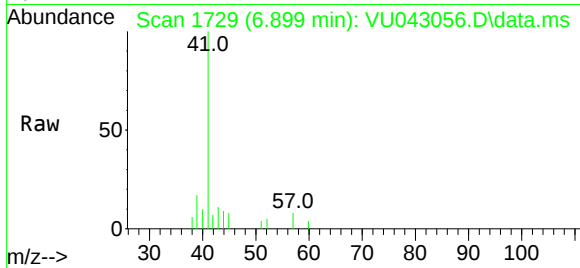




#48
Methyl methacrylate
Concen: 2.21 ug/l
RT: 6.899 min Scan# 1729
Delta R.T. -0.068 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

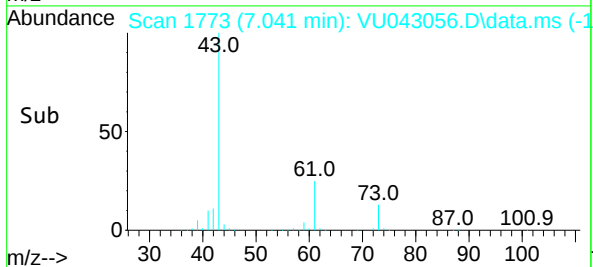
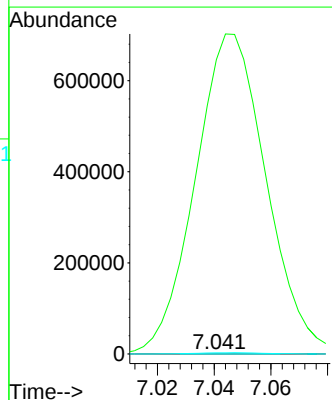
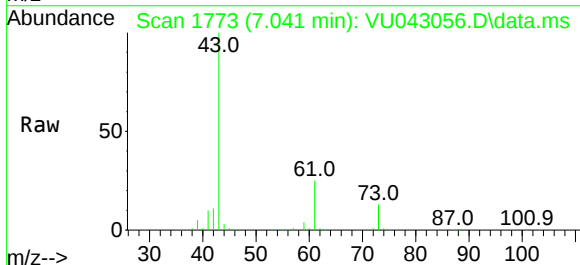
Instrument :
MSVOA_U
ClientSampleId :

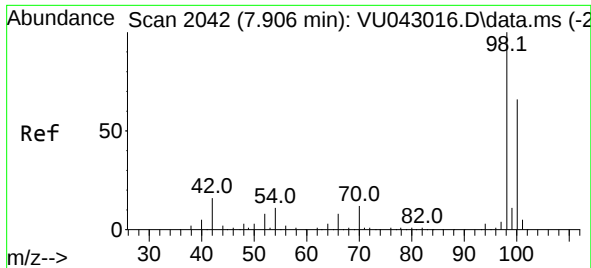
Tgt Ion: 41 Resp: 7561
Ion Ratio Lower Upper
41 100
69 0.0 57.0 85.6#
39 0.0 48.4 72.6#



#49
1,4-Dioxane
Concen: 3.19 ug/l
RT: 7.041 min Scan# 1773
Delta R.T. 0.064 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

Tgt Ion: 88 Resp: 219
Ion Ratio Lower Upper
88 100
43 564887.7 0.0 0.0#
58 2053.9 60.4 90.6#

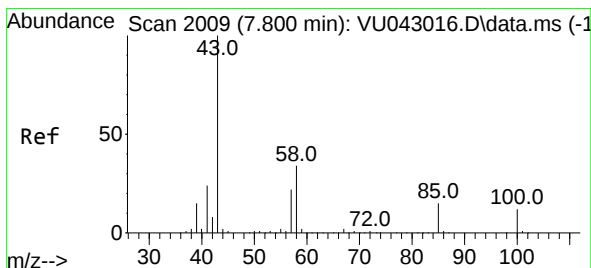
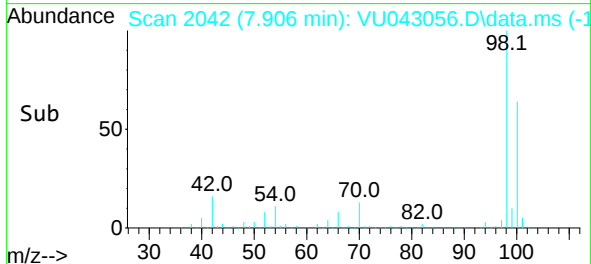
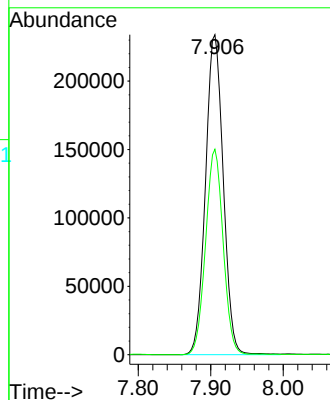
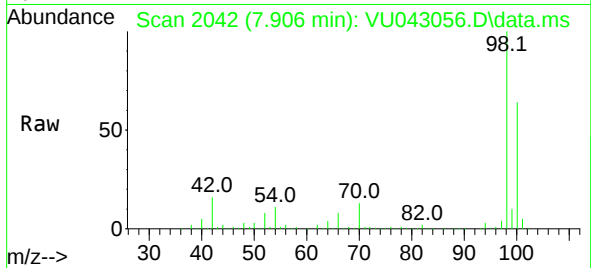




#50
Toluene-d8
Concen: 56.71 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

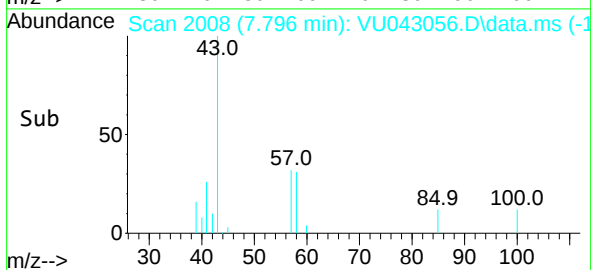
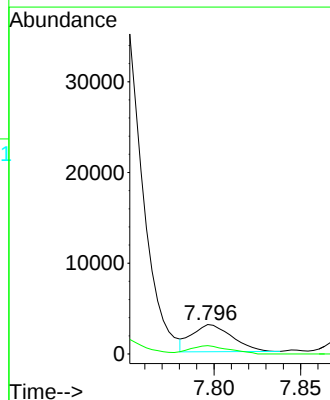
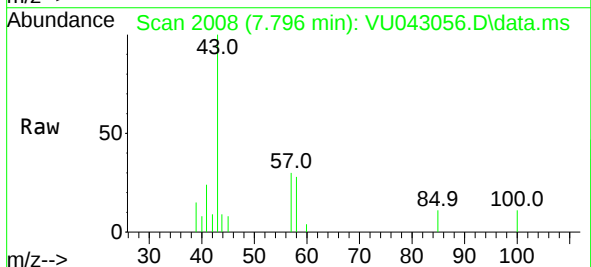
Instrument :
MSVOA_U
ClientSampled :

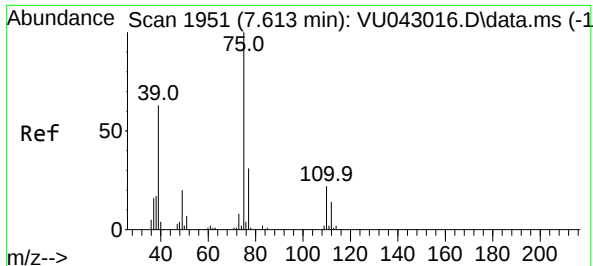
Tgt Ion: 98 Resp: 397648
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.96 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.004 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

Tgt Ion: 43 Resp: 4821
Ion Ratio Lower Upper
43 100
58 29.6 28.1 42.1

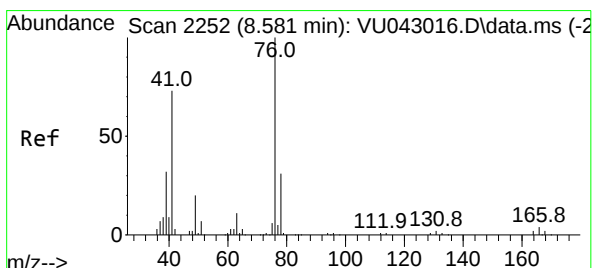
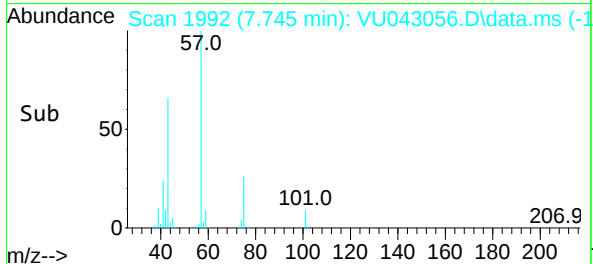
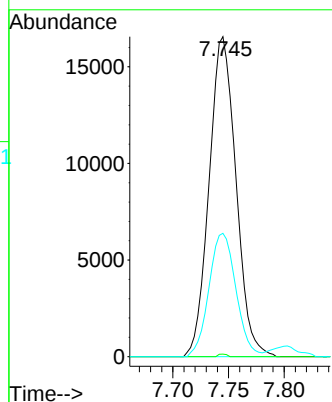
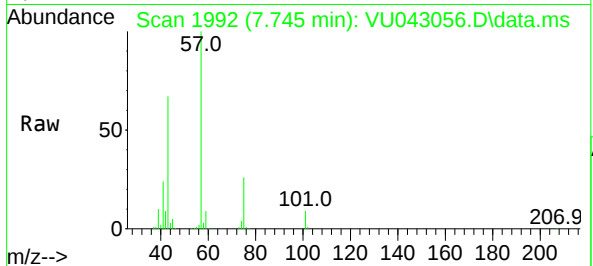




#54
cis-1,3-Dichloropropene
Concen: 7.93 ug/l
RT: 7.745 min Scan# 1992
Delta R.T. 0.132 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

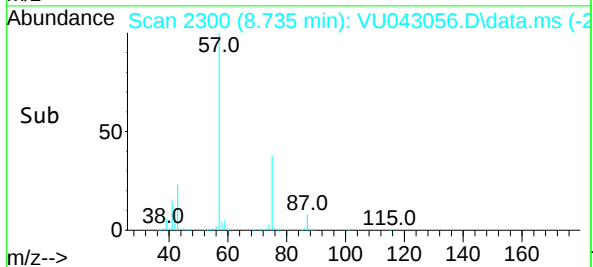
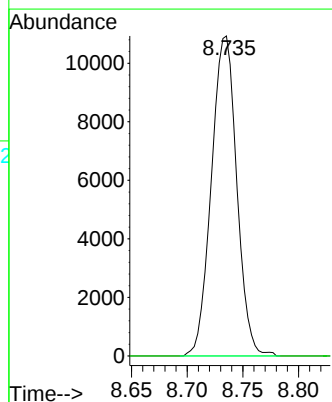
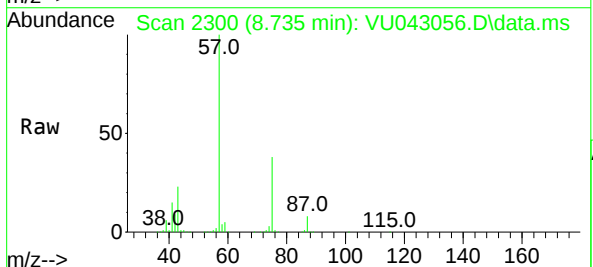
Instrument :
MSVOA_U
ClientSampled :

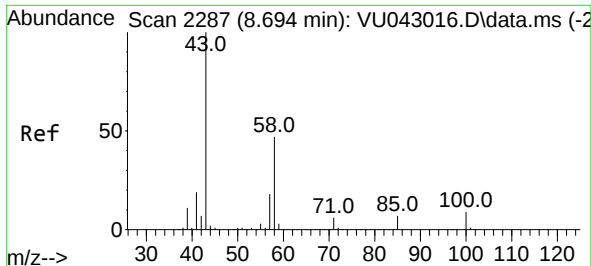
Tgt Ion: 75 Resp: 27788
Ion Ratio Lower Upper
75 100
77 0.8 24.6 37.0#
39 38.5 46.1 69.1#



#57
1,3-Dichloropropane
Concen: 4.72 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.154 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

Tgt Ion: 76 Resp: 17326
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

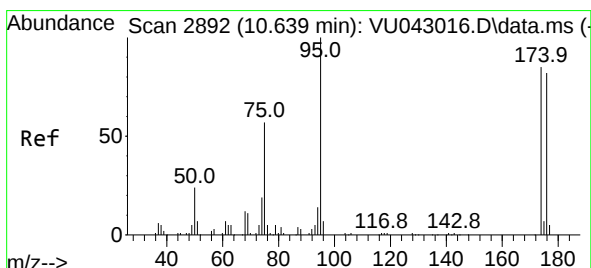
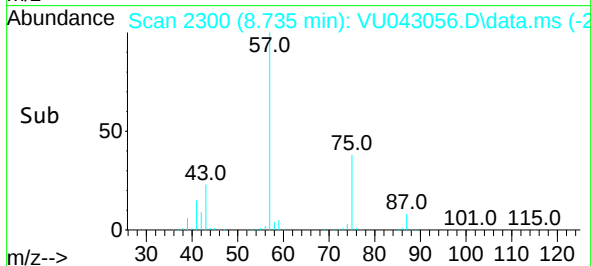
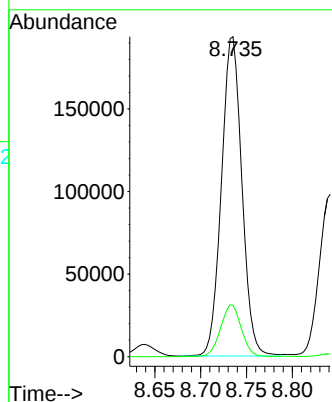
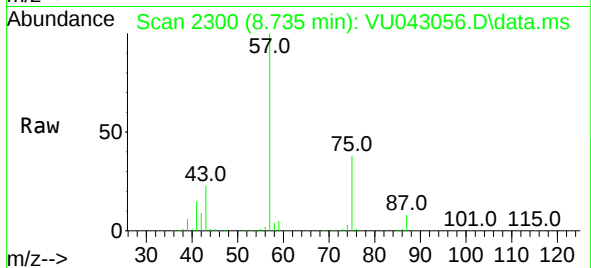




#59
2-Hexanone
Concen: 72.12 ug/l
RT: 8.735 min Scan# 2300
Delta R.T. 0.041 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

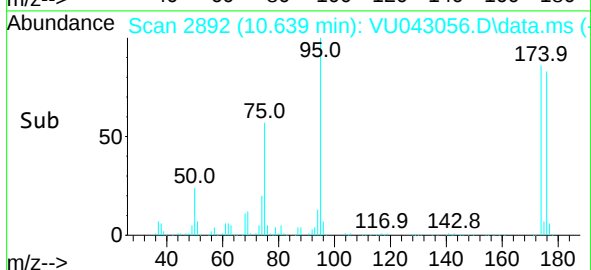
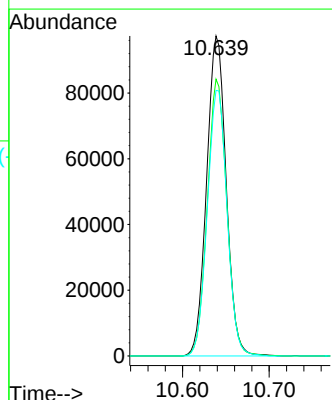
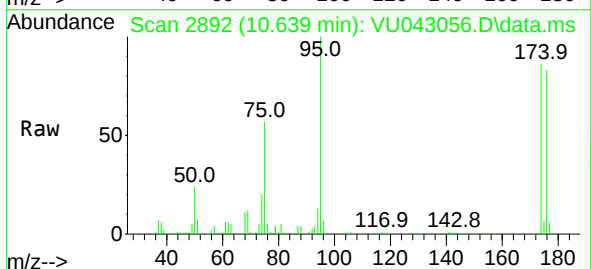
Instrument :
MSVOA_U
ClientSampled :

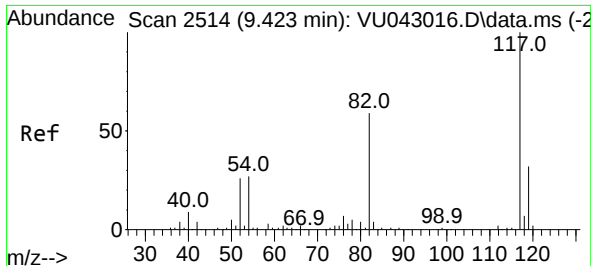
Tgt Ion: 43 Resp: 299725
Ion Ratio Lower Upper
43 100
58 16.6 24.0 72.0#



#62
4-Bromofluorobenzene
Concen: 54.48 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

Tgt Ion: 95 Resp: 152952
Ion Ratio Lower Upper
95 100
174 86.2 0.0 172.2
176 83.7 0.0 168.8

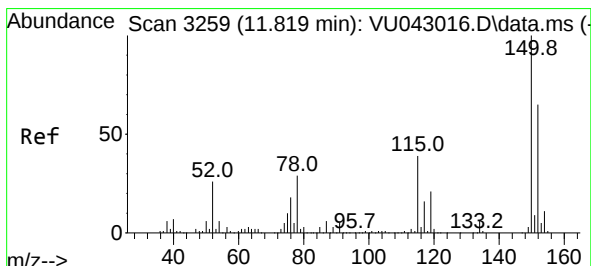
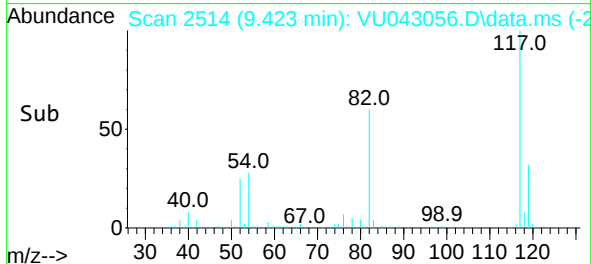
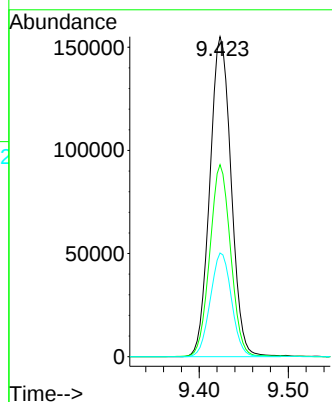
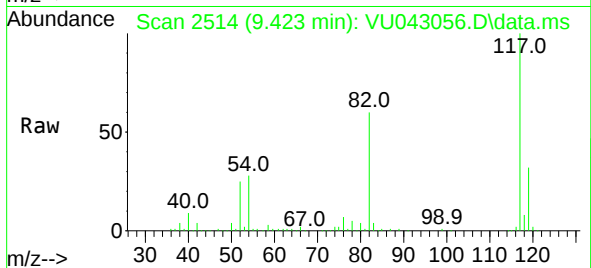




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

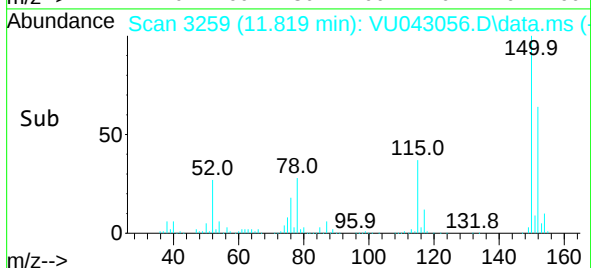
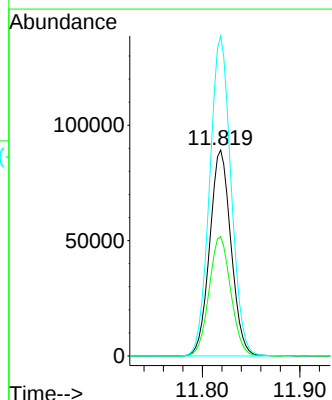
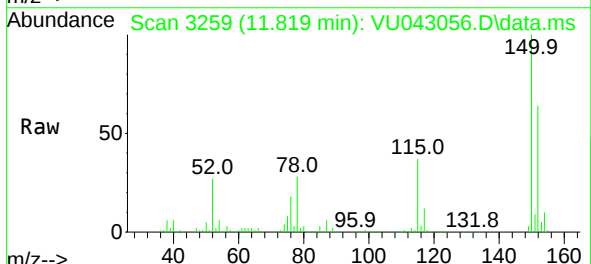
Instrument :
MSVOA_U
ClientSampleId :

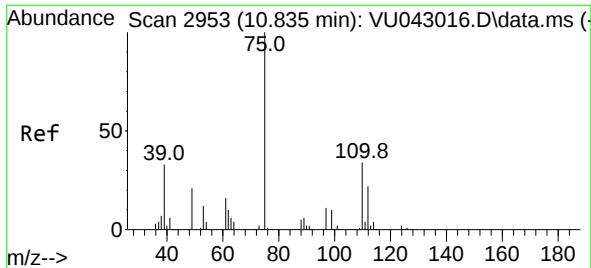
Tgt Ion:117 Resp: 257836
Ion Ratio Lower Upper
117 100
82 59.9 45.8 68.6
119 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

Tgt Ion:152 Resp: 135626
Ion Ratio Lower Upper
152 100
115 58.9 41.5 124.6
150 156.0 0.0 342.4

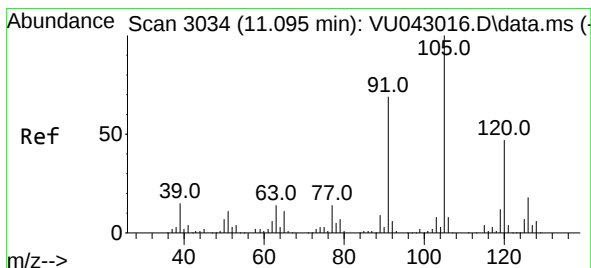
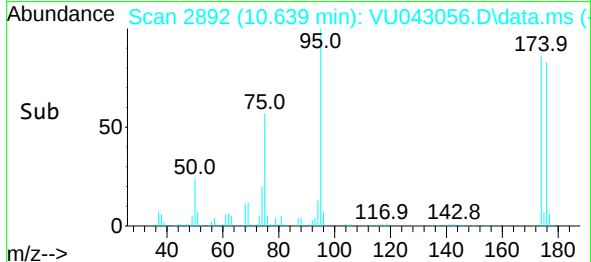
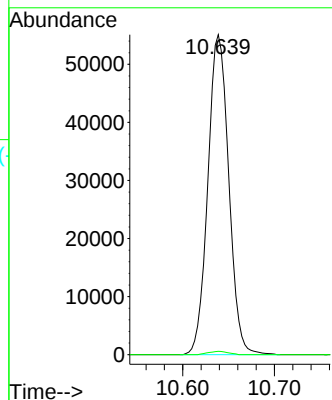
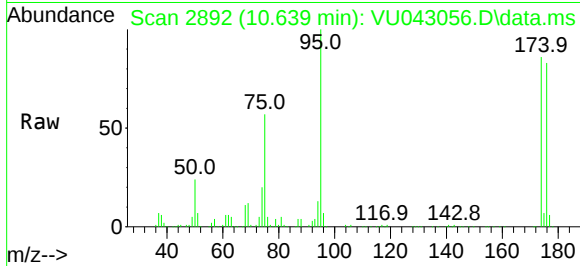




#76
1,2,3-Trichloropropane
Concen: 22.04 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

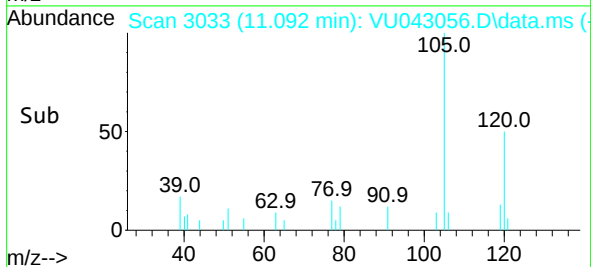
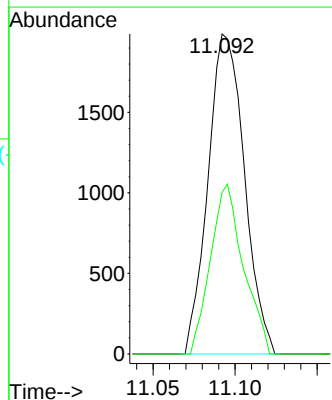
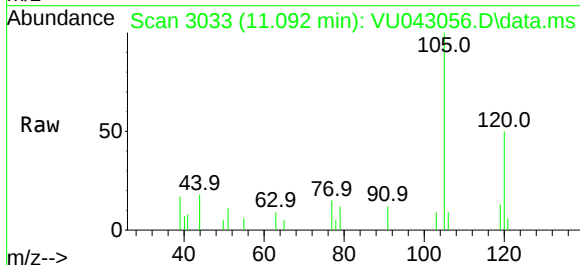
Instrument :
MSVOA_U
ClientSampled :

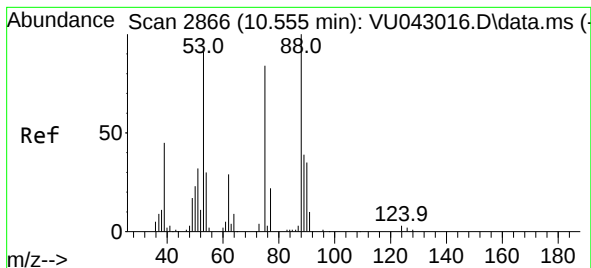
Tgt Ion: 75 Resp: 87349
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.38 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

Tgt Ion:105 Resp: 3058
Ion Ratio Lower Upper
105 100
120 48.1 23.8 71.4

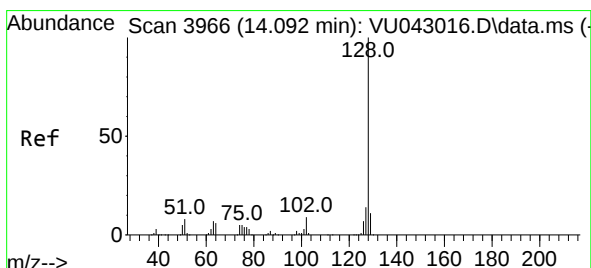
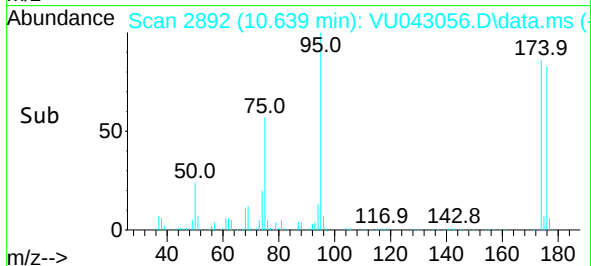
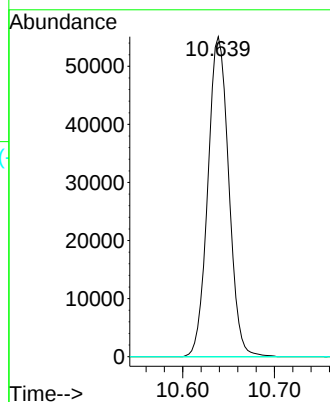
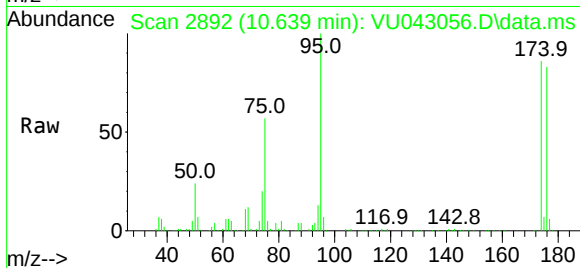




#81
trans-1,4-Dichloro-2-butene
Concen: 64.76 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

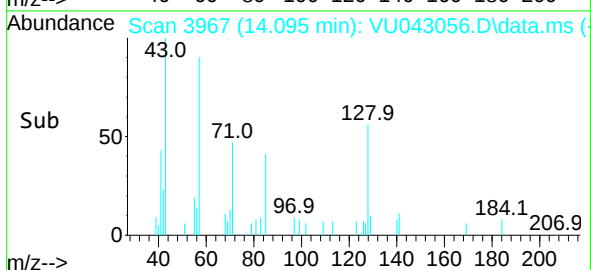
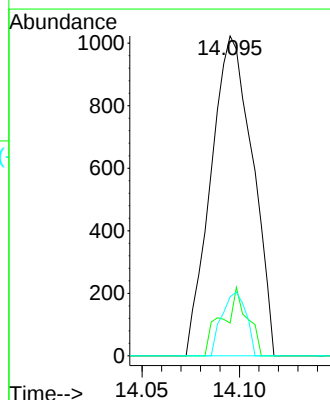
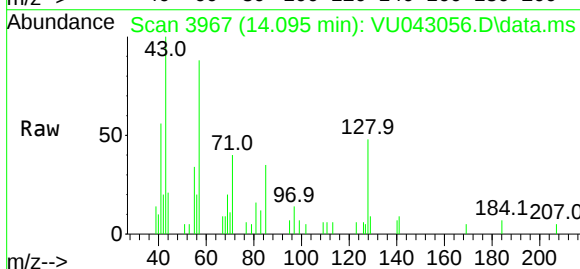
Instrument :
MSVOA_U
ClientSampleId :

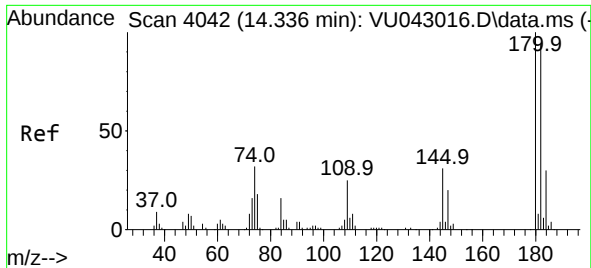
Tgt Ion: 75 Resp: 87349
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.89 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043056.D
Acq: 13 Apr 2021 16:59

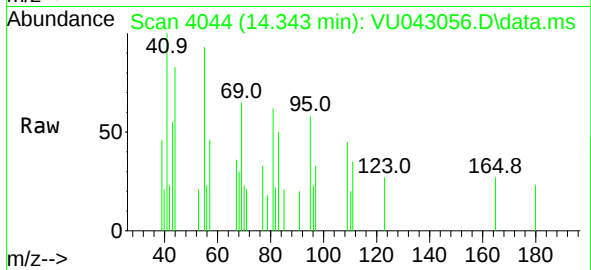
Tgt Ion:128 Resp: 1521
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 11.6 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.48 ug/l
 RT: 14.343 min Scan# 4044
 Delta R.T. 0.007 min
 Lab File: VU043056.D
 Acq: 13 Apr 2021 16:59

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 70
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.0 144.0#
 145 0.0 15.5 46.5#

