

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043100.D
 Acq On : 14 Apr 2021 17:26
 Operator : SY/MD
 Sample : M1998-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 02:08:20 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)

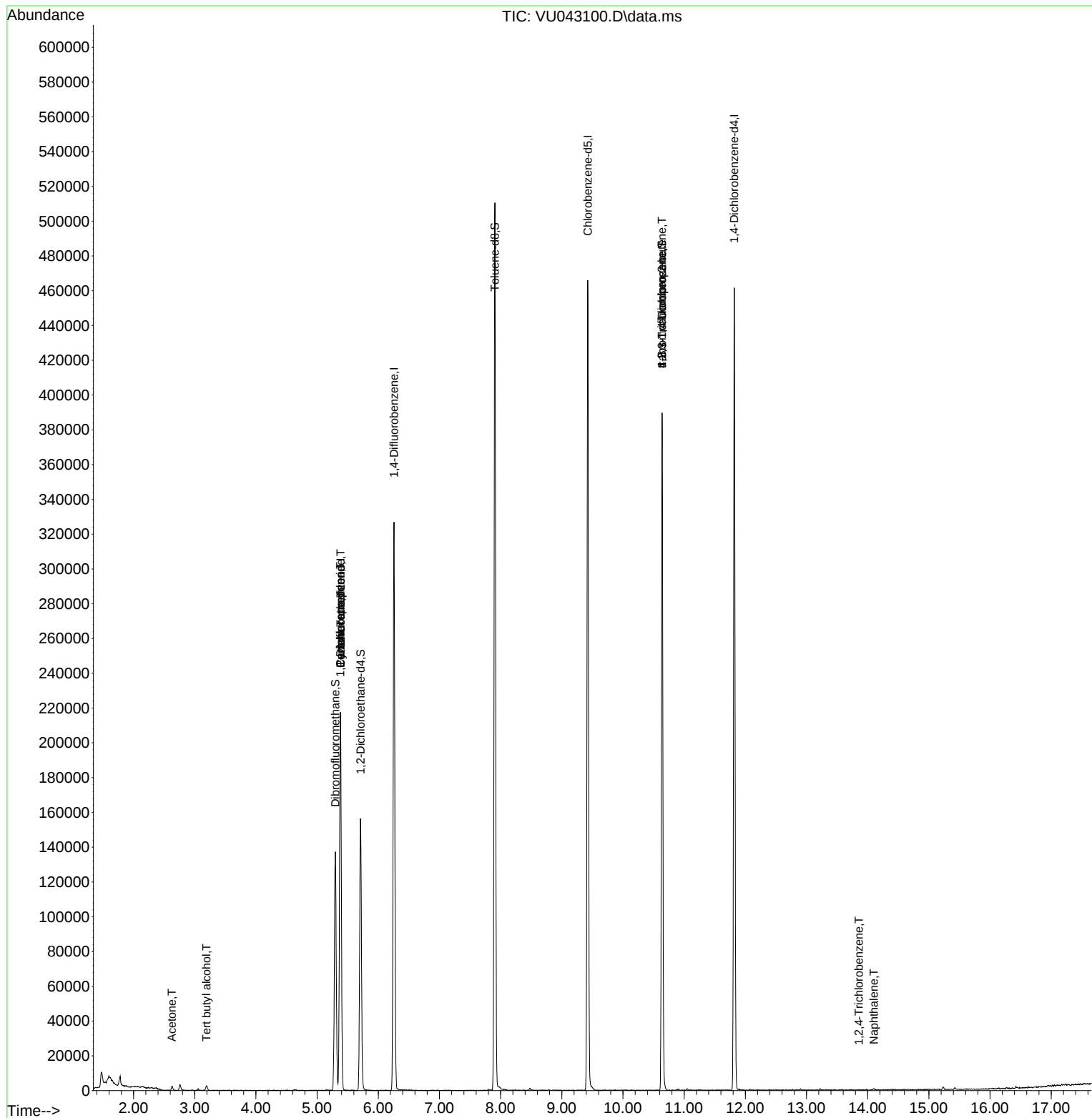
Internal Standards						
1) Pentafluorobenzene	5.382	168	149083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.257	114	244142	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	234769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	113558	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	121650	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
35) Dibromofluoromethane	5.298	113	84005	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
50) Toluene-d8	7.906	98	313595	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	10.639	95	114610	44.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.18%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.524	50	484	Below Cal	#	41
11) Tert butyl alcohol	3.189	59	1922	2.98 ug/l	#	94
16) Acetone	2.626	43	2720	1.54 ug/l		93
31) Cyclohexane	5.382	56	3961	1.28 ug/l	#	42
36) 1,1-Dichloropropene	5.379	75	11916	4.60 ug/l	#	50
38) Carbon Tetrachloride	5.382	117	15264	5.50 ug/l	#	16
76) 1,2,3-Trichloropropane	10.639	75	65674	19.79 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	10.639	75	65674	58.15 ug/l	#	7
93) 1,2,4-Trichlorobenzene	13.858	180	74	1.53 ug/l	#	13
95) Naphthalene	14.102	128	1193	2.88 ug/l	#	79

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

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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

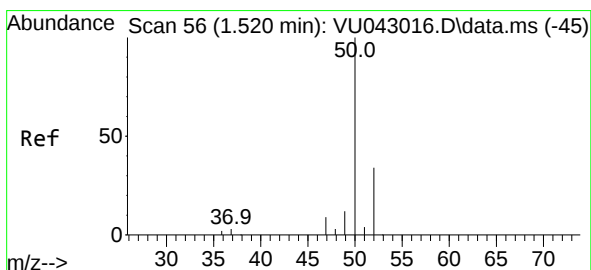
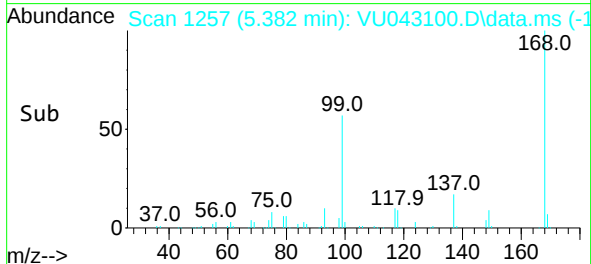
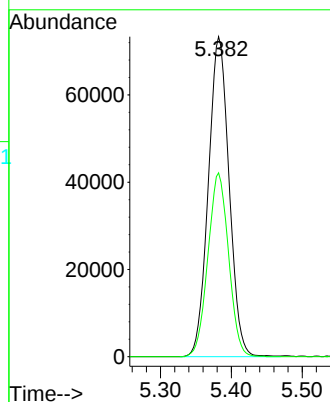
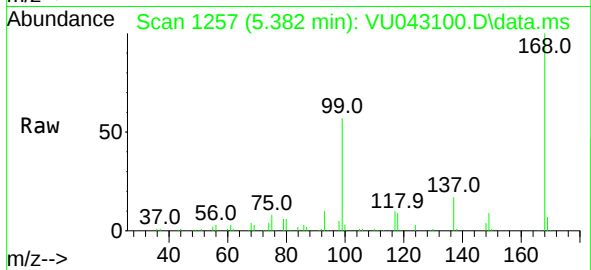




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VU043100.D
Acq: 14 Apr 2021 17:26

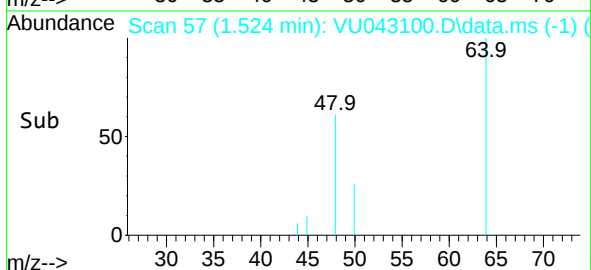
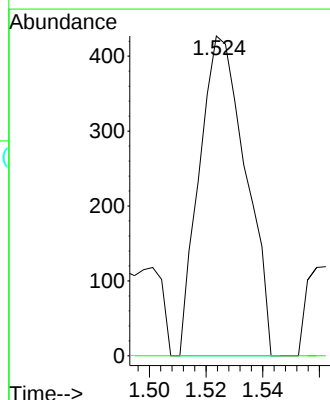
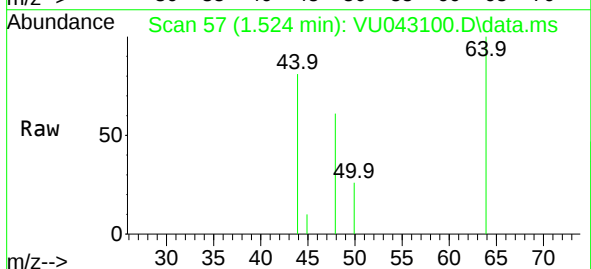
Instrument :
MSVOA_U
ClientSampleId :

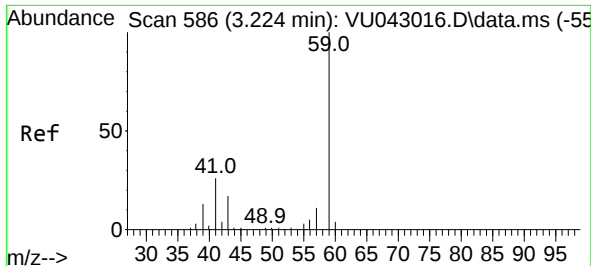
Tgt Ion:168 Resp: 149083
Ion Ratio Lower Upper
168 100
99 57.4 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.524 min Scan# 57
Delta R.T. 0.004 min
Lab File: VU043100.D
Acq: 14 Apr 2021 17:26

Tgt Ion: 50 Resp: 484
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

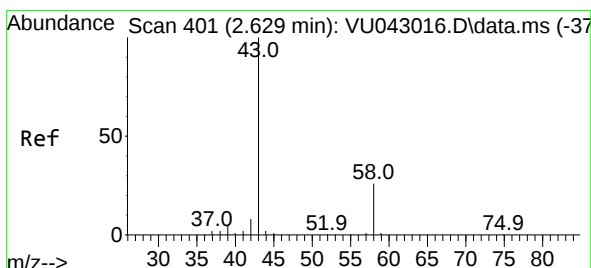
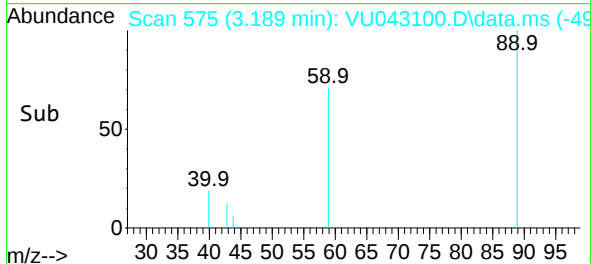
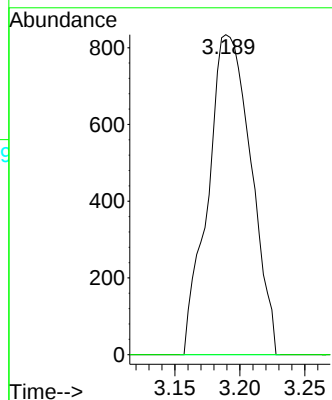
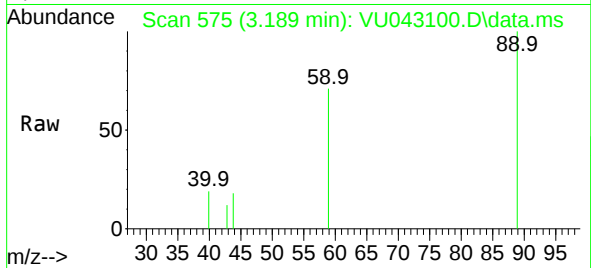




#11
Tert butyl alcohol
Concen: 2.98 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.035 min
Lab File: VU043100.D
Acq: 14 Apr 2021 17:26

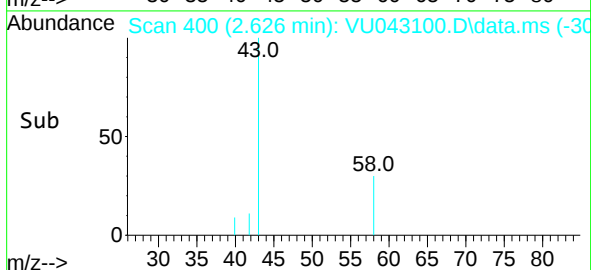
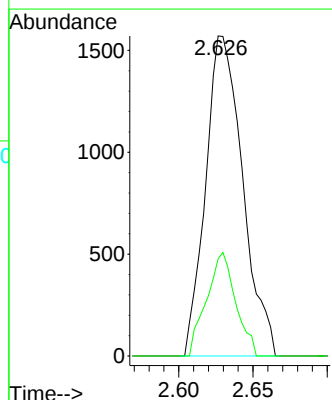
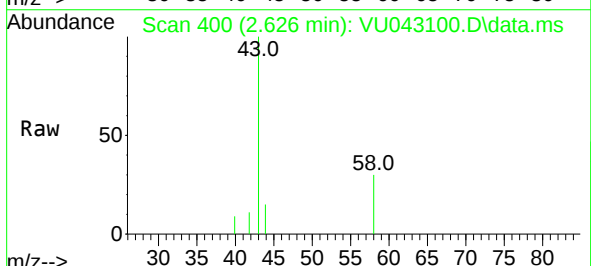
Instrument :
MSVOA_U
ClientSampled :

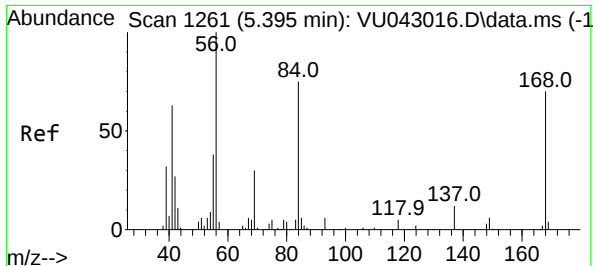
Tgt Ion: 59 Resp: 1922
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#16
Acetone
Concen: 1.54 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU043100.D
Acq: 14 Apr 2021 17:26

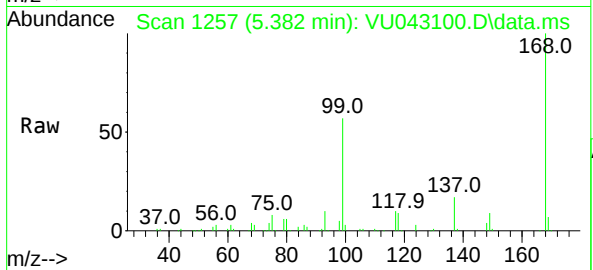
Tgt Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
58 30.4 21.5 32.3



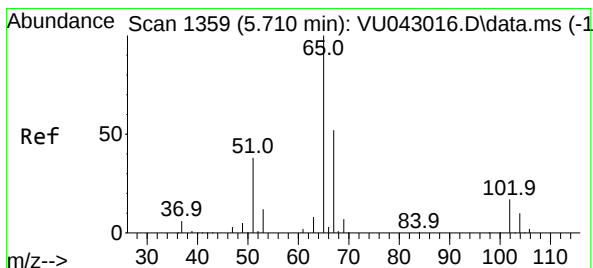
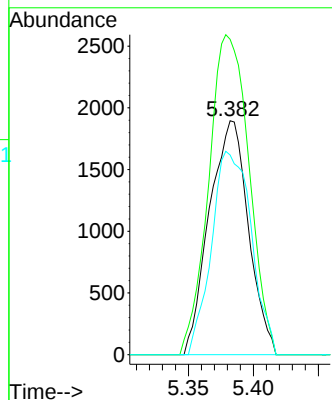
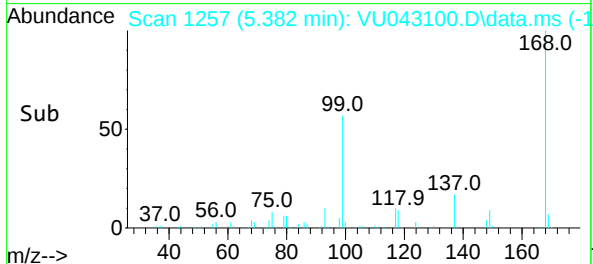


#31
Cyclohexane
Concen: 1.28 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043100.D
Acq: 14 Apr 2021 17:26

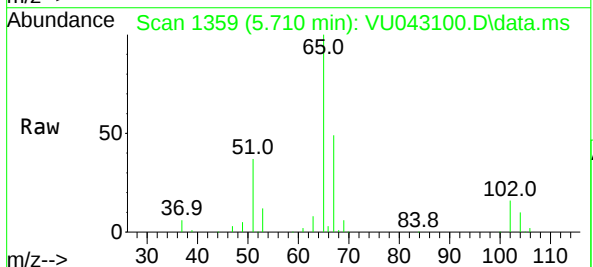
Instrument :
MSVOA_U
ClientSampleId :



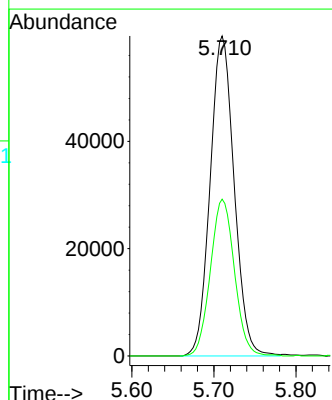
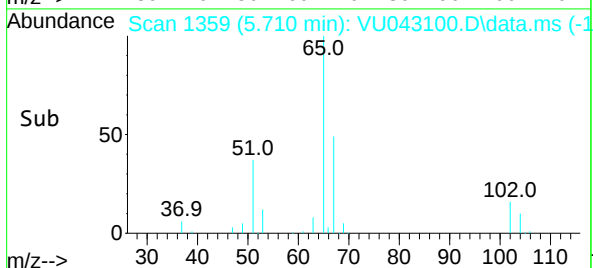
Tgt Ion: 56 Resp: 3961
Ion Ratio Lower Upper
56 100
69 134.8 24.9 37.3#
84 85.4 63.7 95.5

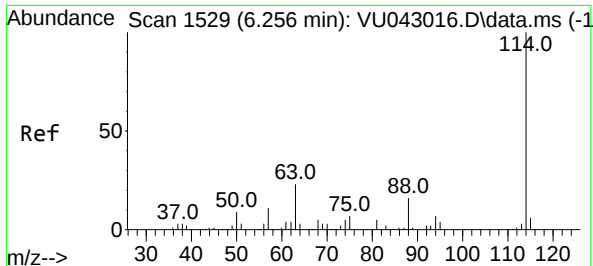


#33
1,2-Dichloroethane-d4
Concen: 48.54 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043100.D
Acq: 14 Apr 2021 17:26



Tgt Ion: 65 Resp: 121650
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.257 min Scan# 1529

Delta R.T. 0.001 min

Lab File: VU043100.D

Acq: 14 Apr 2021 17:26

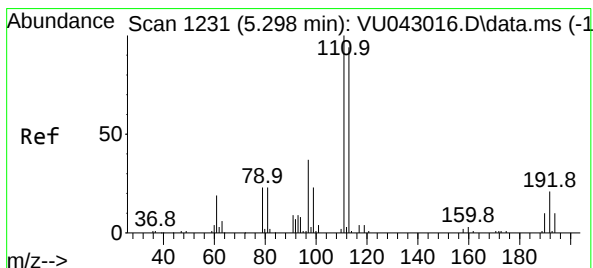
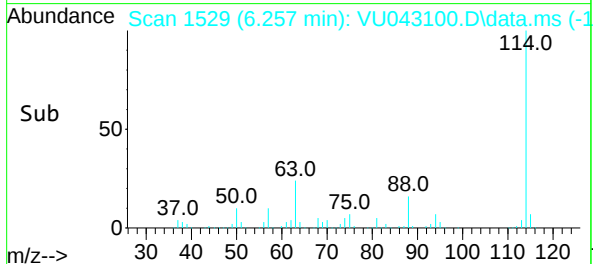
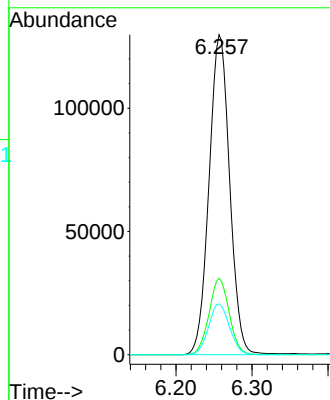
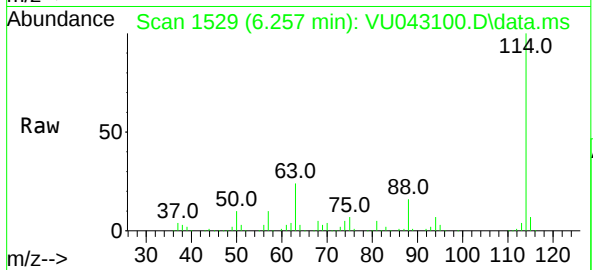
Tgt Ion:114 Resp: 244142

Ion Ratio Lower Upper

114 100

63 23.8 0.0 44.2

88 15.9 0.0 33.4



#35

Dibromofluoromethane

Concen: 45.79 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043100.D

Acq: 14 Apr 2021 17:26

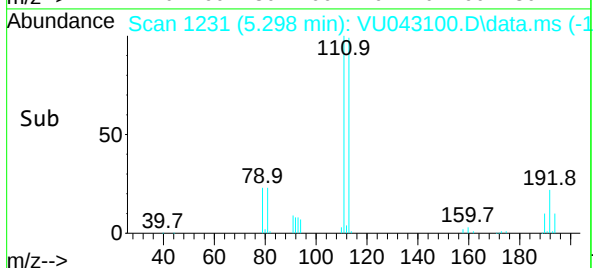
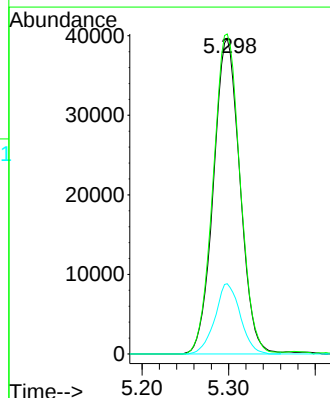
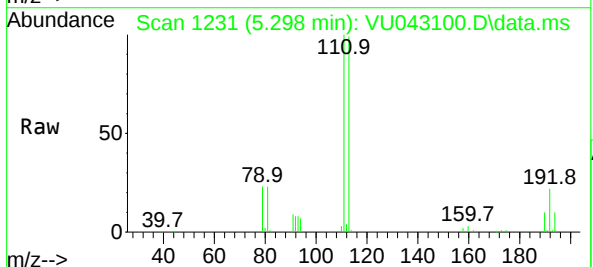
Tgt Ion:113 Resp: 84005

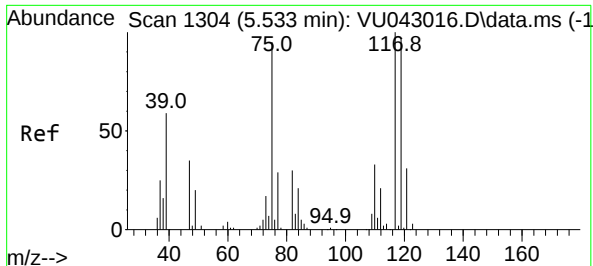
Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

192 21.3 17.2 25.8

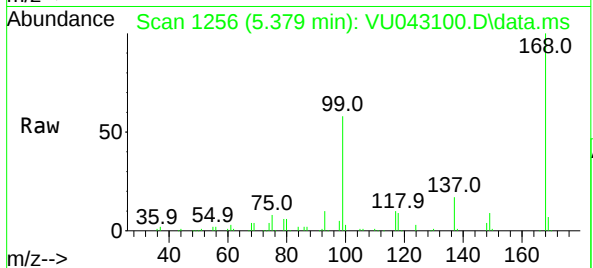




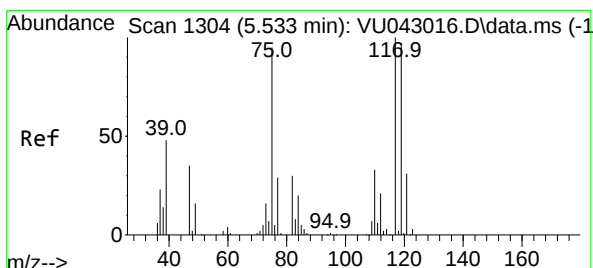
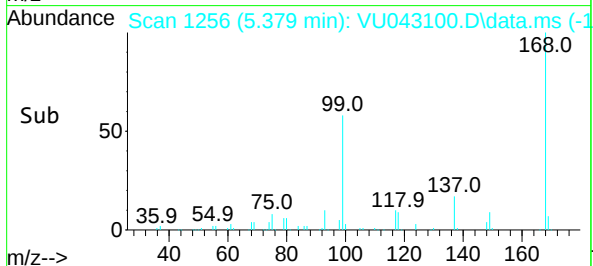
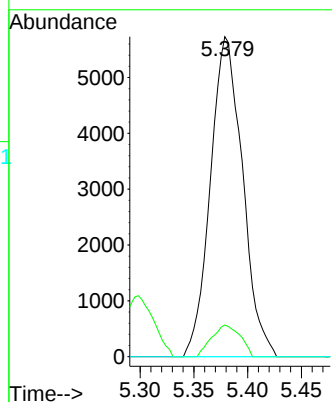
#36

1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.154 min
Lab File: VU043100.D
Acq: 14 Apr 2021 17:26

Instrument :
MSVOA_U
ClientSampled :

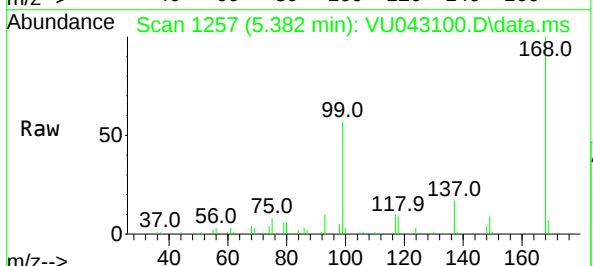


Tgt Ion: 75	Resp: 11916
Ion Ratio	Lower Upper
75 100	
110 8.8	16.8 50.3#
77 0.0	24.8 37.2#

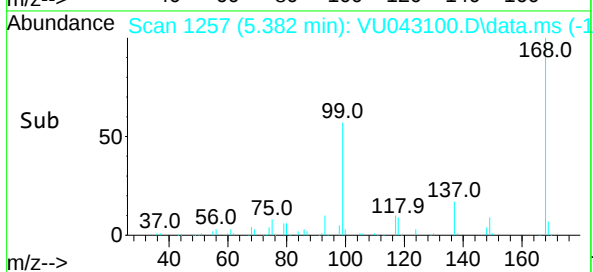
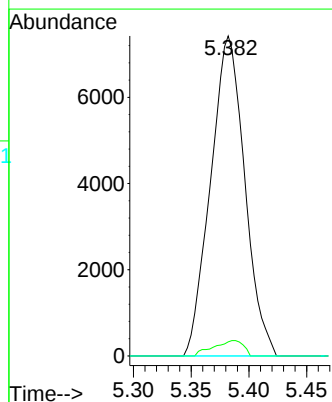


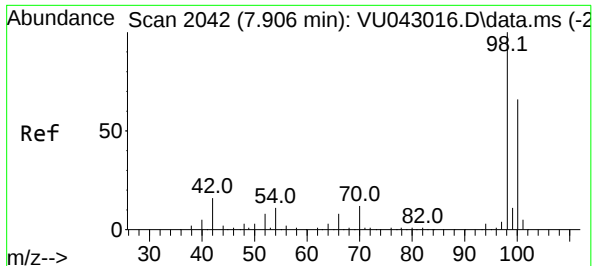
#38

Carbon Tetrachloride
Concen: 5.50 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043100.D
Acq: 14 Apr 2021 17:26



Tgt Ion: 117	Resp: 15264
Ion Ratio	Lower Upper
117 100	
119 4.4	75.5 113.3#
121 0.0	24.7 37.1#

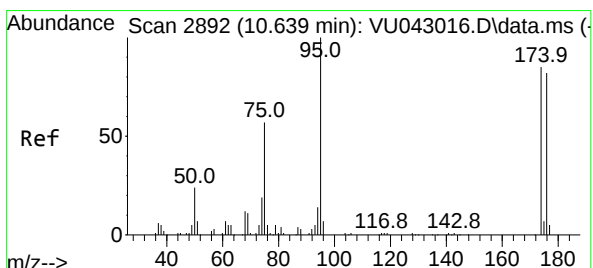
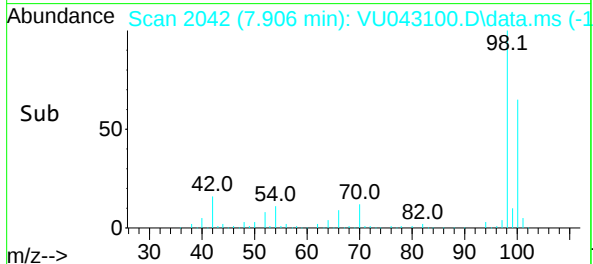
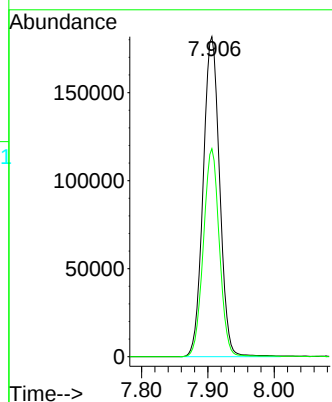
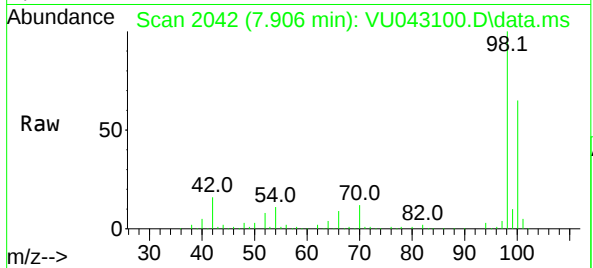




#50
Toluene-d8
Concen: 48.31 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.000 min
Lab File: VU043100.D
Acq: 14 Apr 2021 17:26

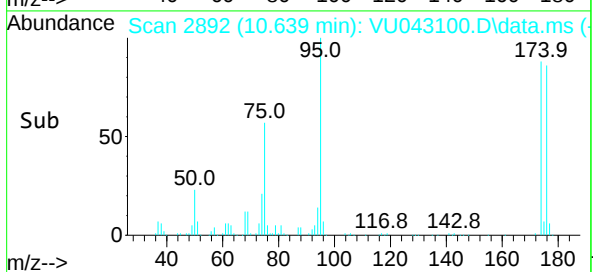
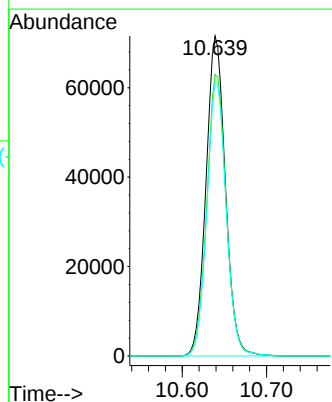
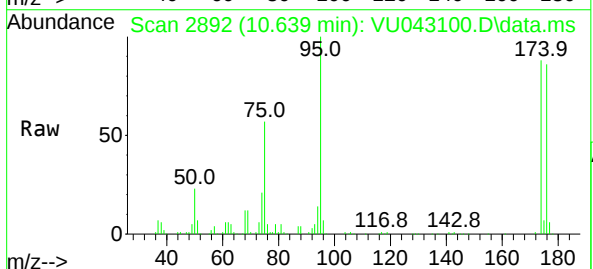
Instrument :
MSVOA_U
ClientSampled :

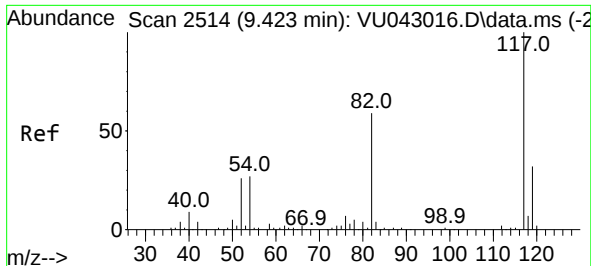
Tgt Ion: 98 Resp: 313595
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.09 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.000 min
Lab File: VU043100.D
Acq: 14 Apr 2021 17:26

Tgt Ion: 95 Resp: 114610
Ion Ratio Lower Upper
95 100
174 88.2 0.0 172.2
176 85.5 0.0 168.8

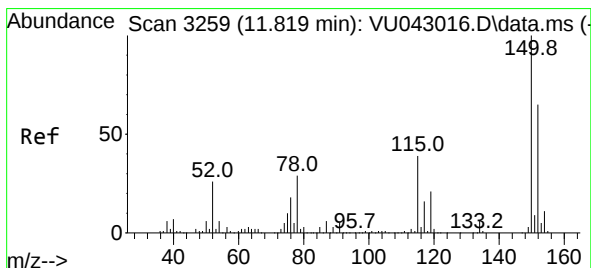
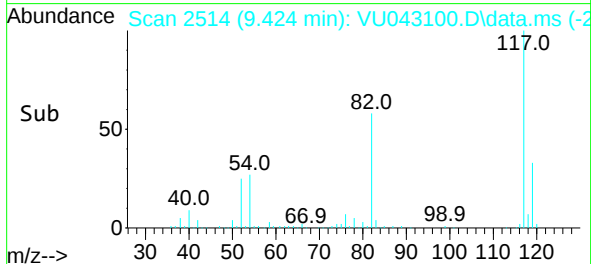
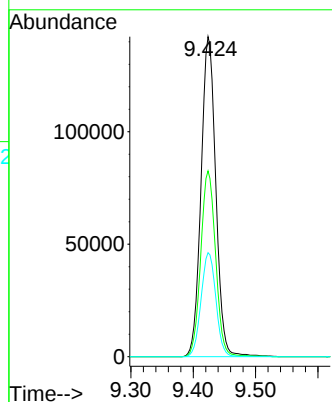
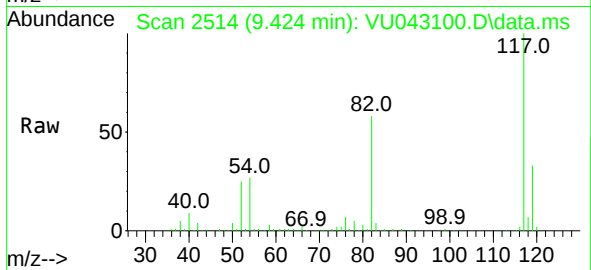




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.424 min Scan# 2514
Delta R.T. 0.001 min
Lab File: VU043100.D
Acq: 14 Apr 2021 17:26

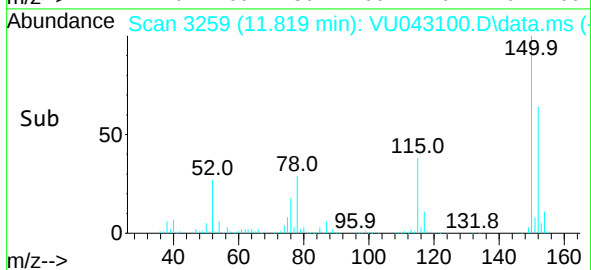
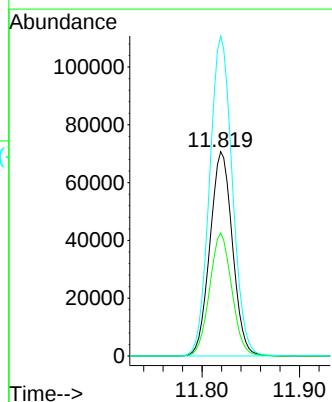
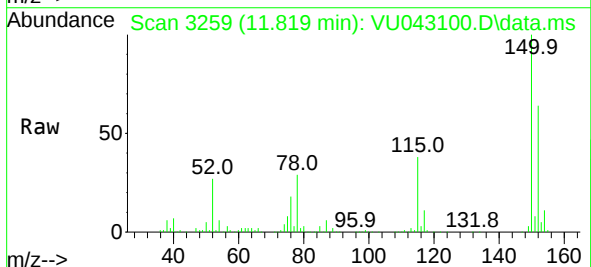
Instrument :
MSVOA_U
ClientSampleId :

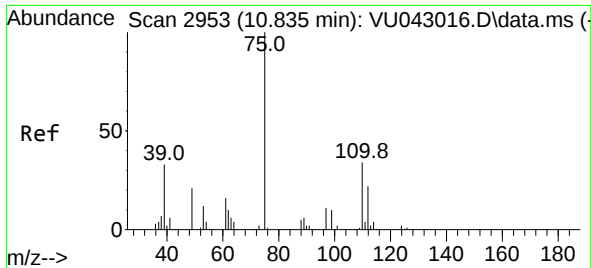
Tgt Ion:117 Resp: 234769
Ion Ratio Lower Upper
117 100
82 58.1 45.8 68.6
119 32.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU043100.D
Acq: 14 Apr 2021 17:26

Tgt Ion:152 Resp: 113558
Ion Ratio Lower Upper
152 100
115 59.1 41.5 124.6
150 158.4 0.0 342.4

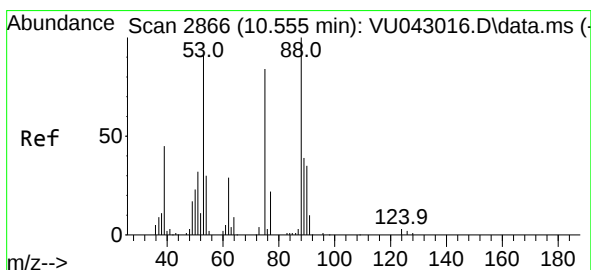
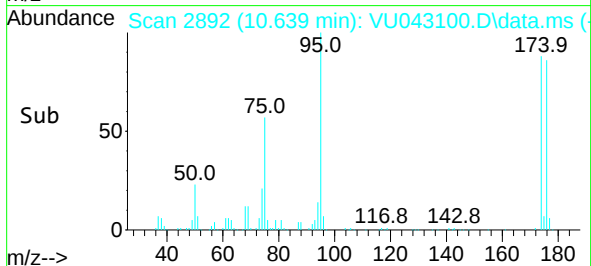
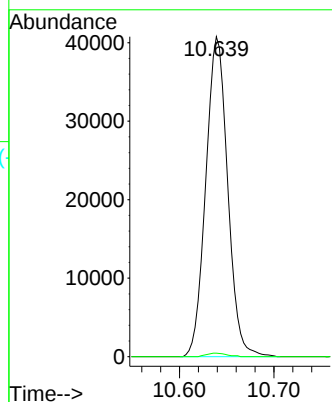
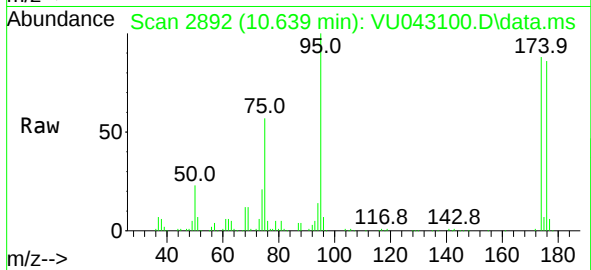




#76
1,2,3-Trichloropropane
Concen: 19.79 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043100.D
Acq: 14 Apr 2021 17:26

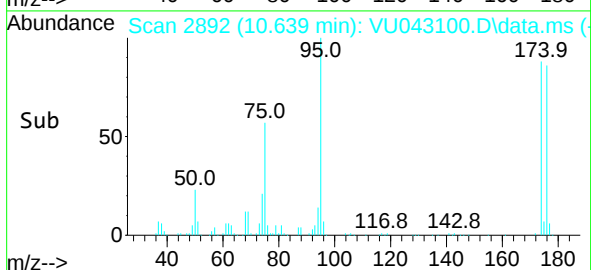
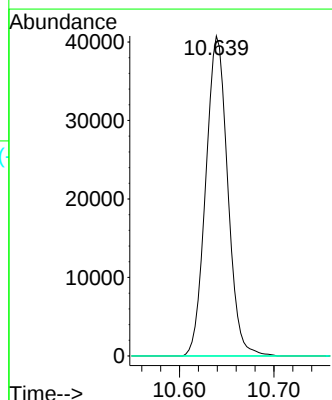
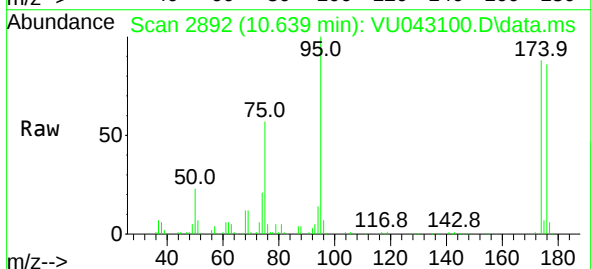
Instrument :
MSVOA_U
ClientSampled :

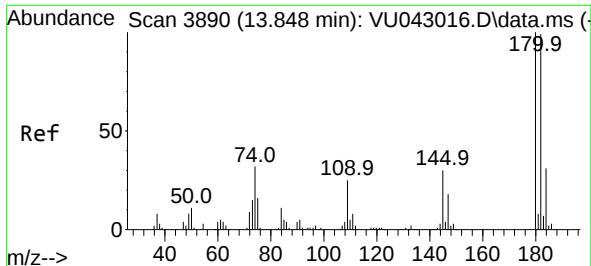
Tgt Ion: 75 Resp: 65674
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.15 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043100.D
Acq: 14 Apr 2021 17:26

Tgt Ion: 75 Resp: 65674
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

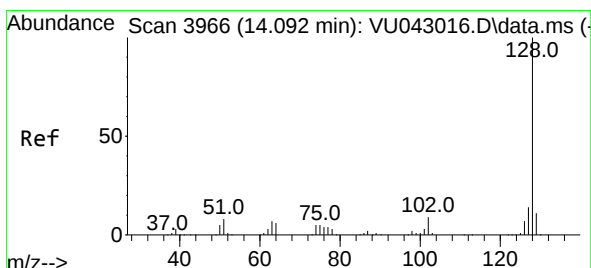
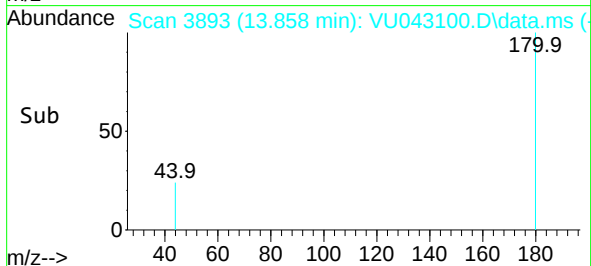
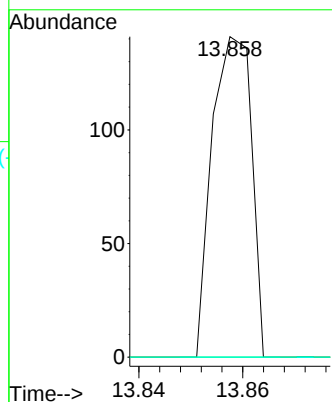
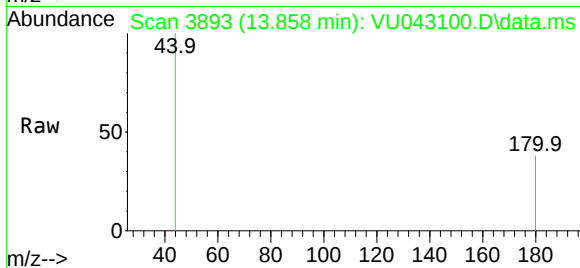




#93
1,2,4-Trichlorobenzene
Concen: 1.53 ug/l
RT: 13.858 min Scan# 3893
Delta R.T. 0.010 min
Lab File: VU043100.D
Acq: 14 Apr 2021 17:26

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:180 Resp: 74
Ion Ratio Lower Upper
180 100
182 0.0 46.9 140.8#
145 0.0 14.4 43.4#



#95
Naphthalene
Concen: 2.88 ug/l
RT: 14.102 min Scan# 3969
Delta R.T. 0.010 min
Lab File: VU043100.D
Acq: 14 Apr 2021 17:26

Tgt Ion:128 Resp: 1193
Ion Ratio Lower Upper
128 100
127 7.6 10.8 16.2#
129 0.0 8.6 13.0#

