

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041421\
 Data File : VU043103.D
 Acq On : 14 Apr 2021 18:36
 Operator : SY/MD
 Sample : M2002-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 15 02:09:08 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)

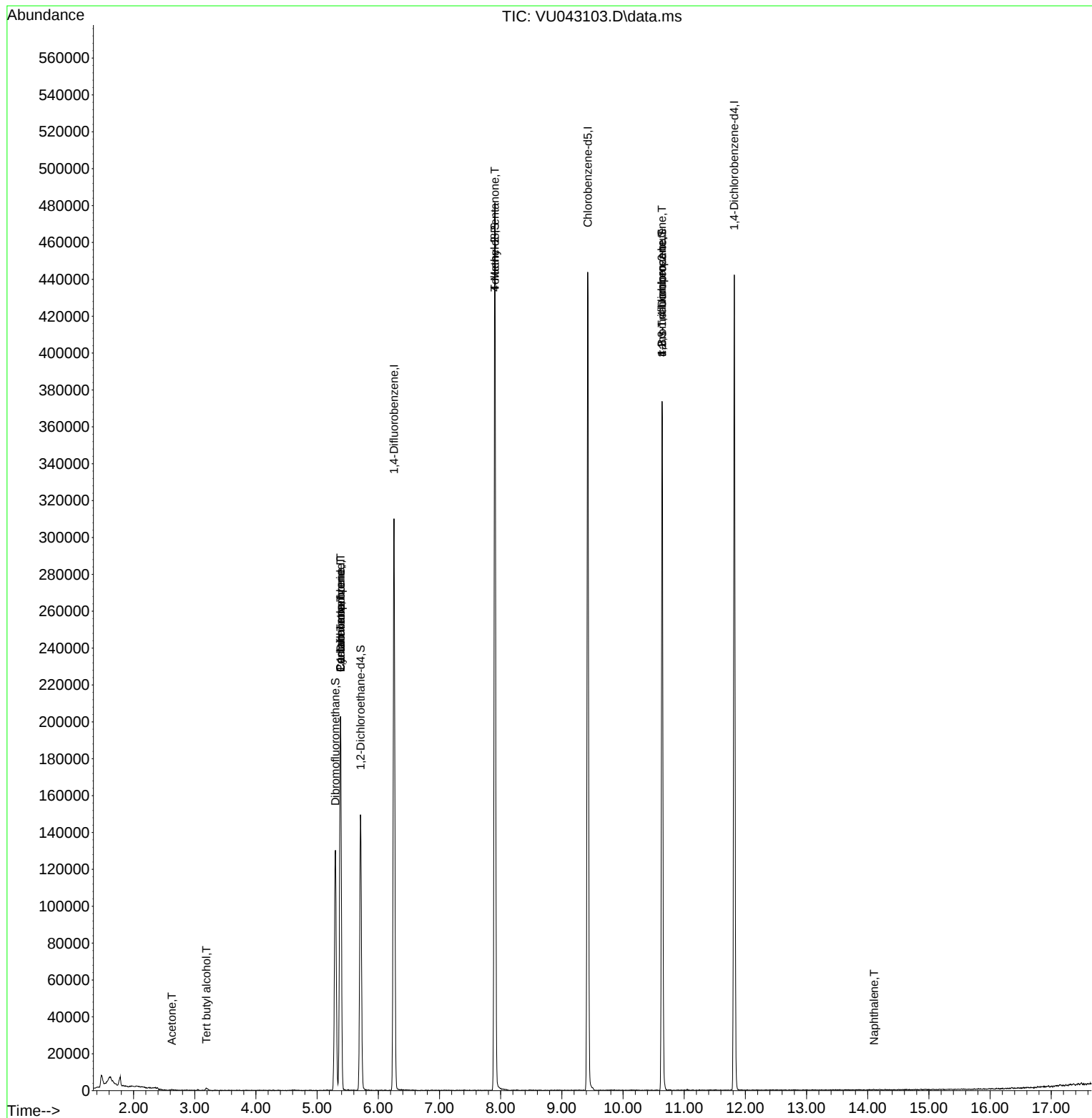
Internal Standards						
1) Pentafluorobenzene	5.382	168	140729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	231341	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	220891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	108682	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	114680	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
35) Dibromofluoromethane	5.298	113	80374	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
50) Toluene-d8	7.906	98	291786	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
62) 4-Bromofluorobenzene	10.639	95	109910	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.527	50	353	Below Cal	#	41
11) Tert butyl alcohol	3.192	59	906	1.49	ug/l #	94
16) Acetone	2.626	43	709	0.21	ug/l	100
31) Cyclohexane	5.382	56	3499	1.20	ug/l #	3
36) 1,1-Dichloropropene	5.382	75	11015	4.49	ug/l #	46
38) Carbon Tetrachloride	5.382	117	14589	5.54	ug/l #	16
51) 4-Methyl-2-Pentanone	7.906	43	1669	0.38	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	64352	20.26	ug/l #	36
81) trans-1,4-Dichloro-2-b...	10.639	75	64352	59.54	ug/l #	7
95) Naphthalene	14.105	128	247	2.77	ug/l #	69

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

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Quant Title : SW846 8260
QLast Update : Mon Apr 12 13:17:29 2021
Response via : Initial Calibration

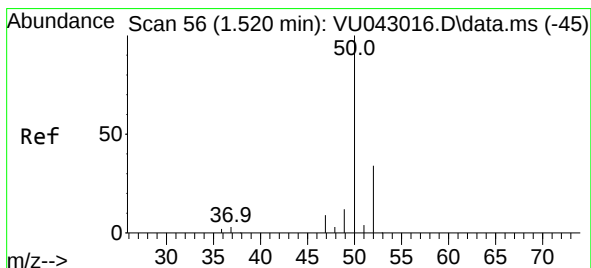
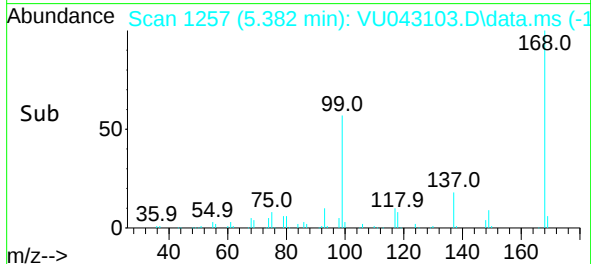
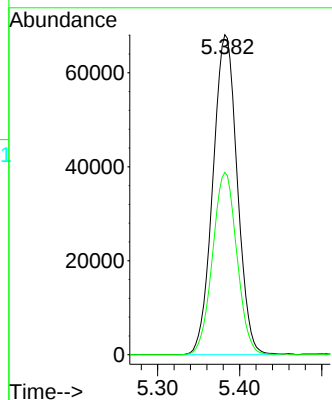
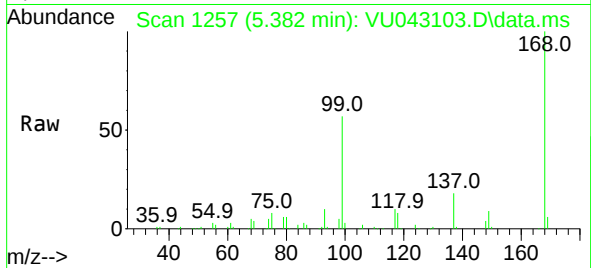




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043103.D
Acq: 14 Apr 2021 18:36

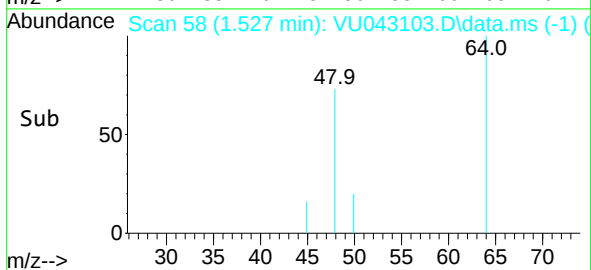
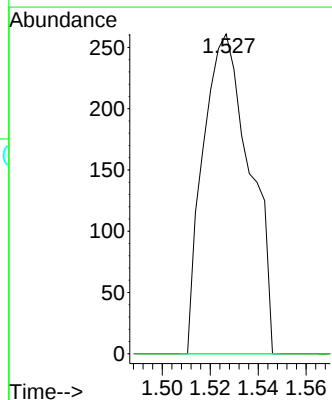
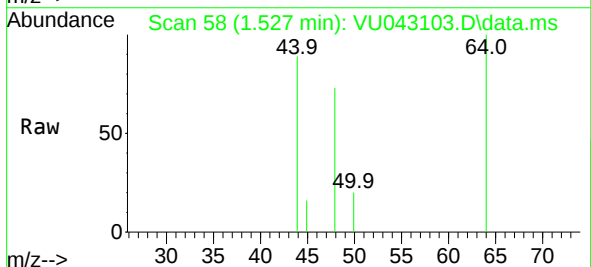
Instrument :
MSVOA_U
ClientSampled :

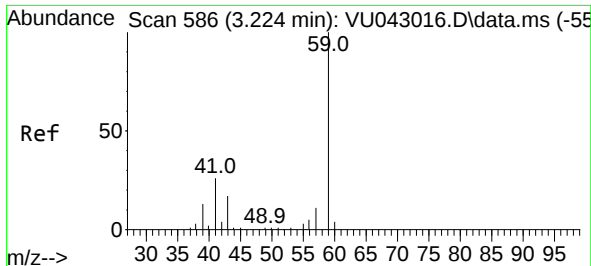
Tgt Ion:168 Resp: 140729
Ion Ratio Lower Upper
168 100
99 57.0 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.527 min Scan# 58
Delta R.T. 0.007 min
Lab File: VU043103.D
Acq: 14 Apr 2021 18:36

Tgt Ion: 50 Resp: 353
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

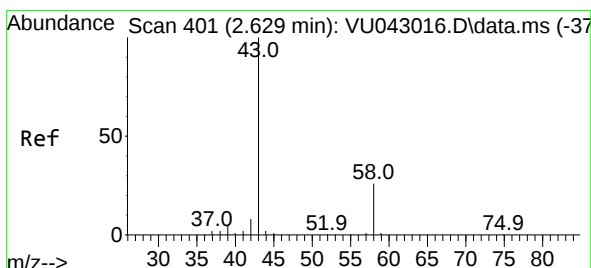
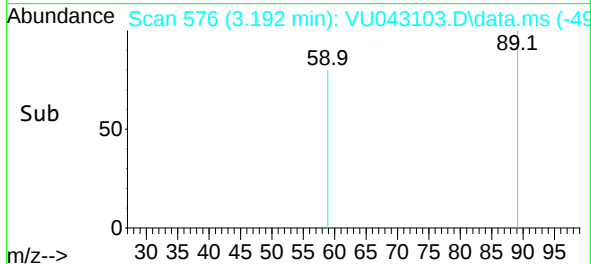
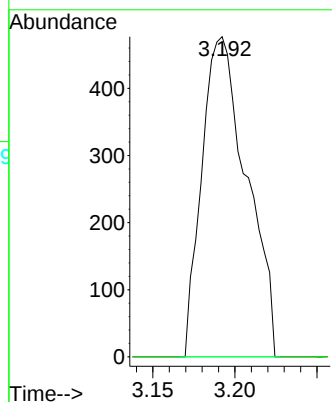
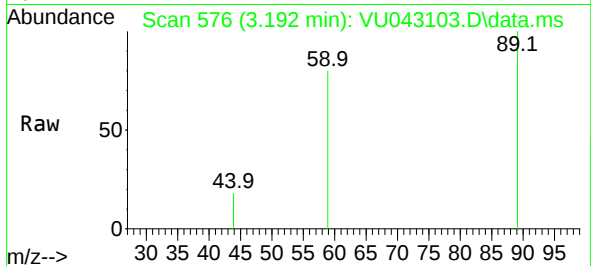




#11
Tert butyl alcohol
Concen: 1.49 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.032 min
Lab File: VU043103.D
Acq: 14 Apr 2021 18:36

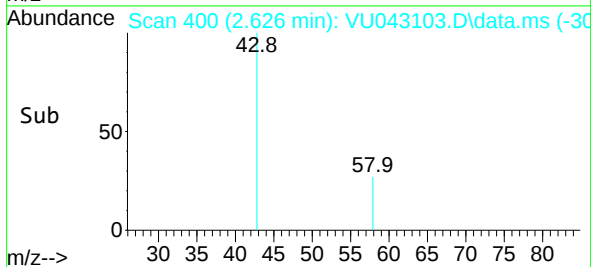
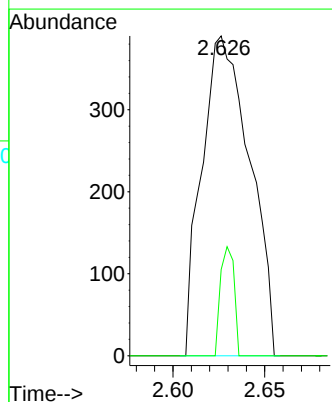
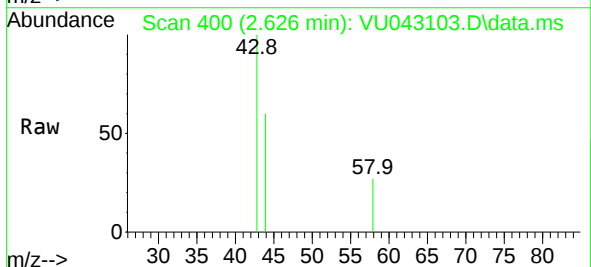
Instrument :
MSVOA_U
ClientSampled :

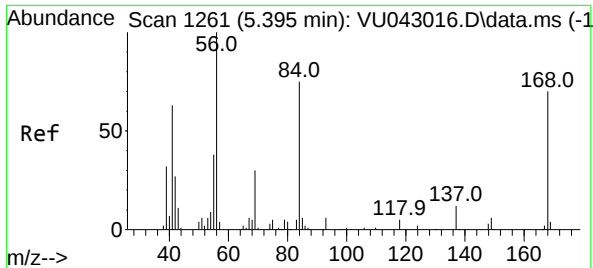
Tgt Ion: 59 Resp: 906
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#16
Acetone
Concen: 0.21 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU043103.D
Acq: 14 Apr 2021 18:36

Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
58 26.9 21.5 32.3

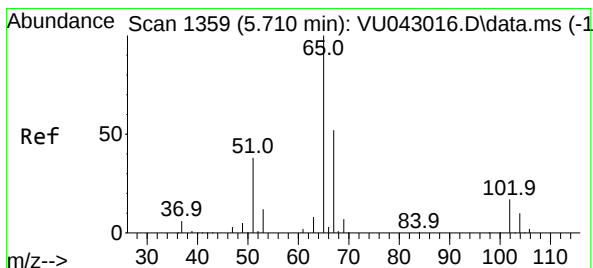
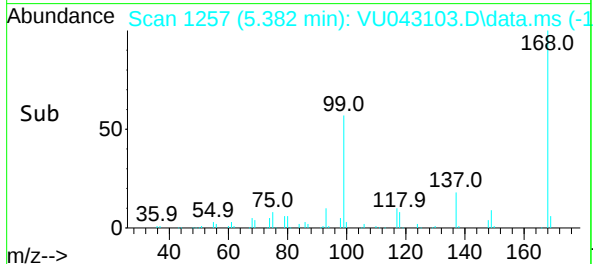
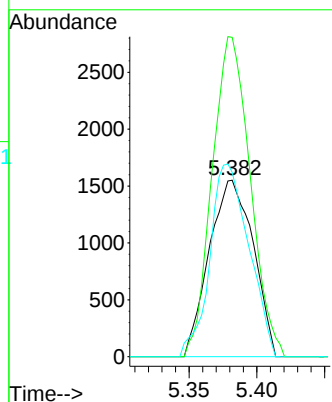
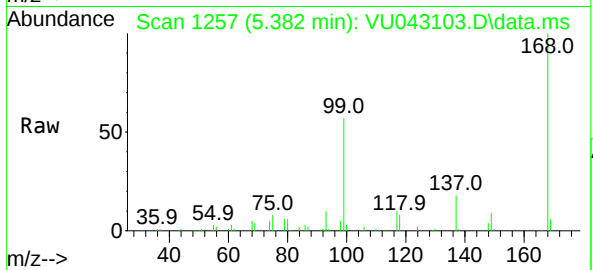




#31
Cyclohexane
Concen: 1.20 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043103.D
Acq: 14 Apr 2021 18:36

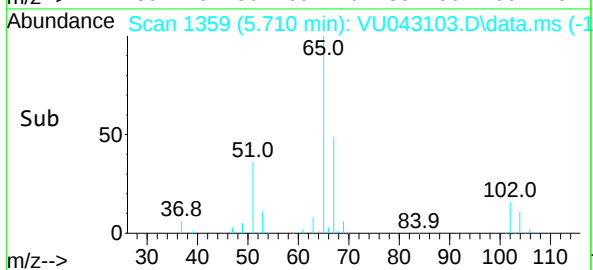
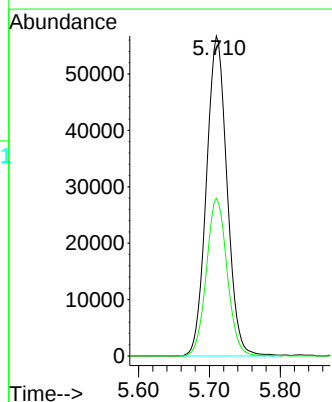
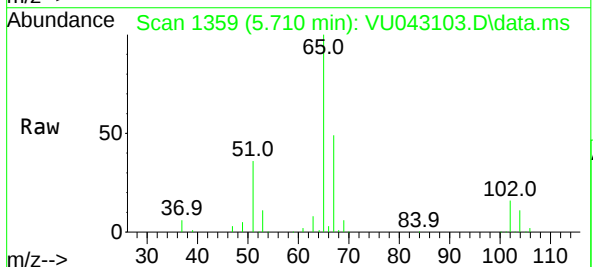
Instrument :
MSVOA_U
ClientSampleId :

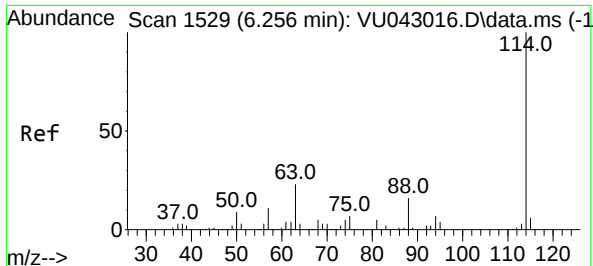
Tgt Ion: 56 Resp: 3499
Ion Ratio Lower Upper
56 100
69 181.0 24.9 37.3#
84 104.4 63.7 95.5#



#33
1,2-Dichloroethane-d4
Concen: 48.47 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043103.D
Acq: 14 Apr 2021 18:36

Tgt Ion: 65 Resp: 114680
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.8

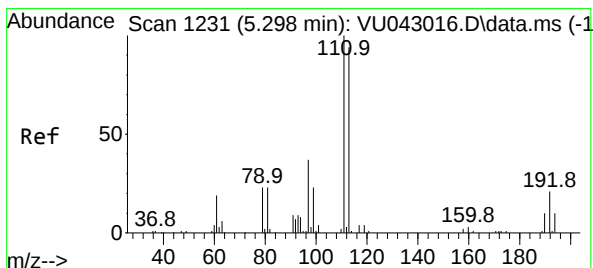
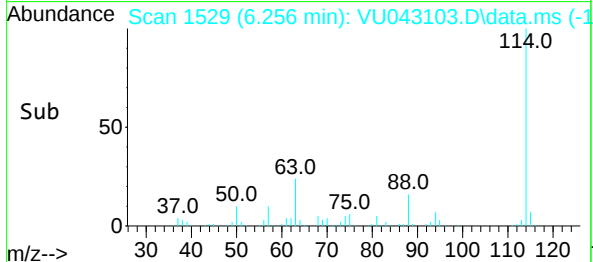
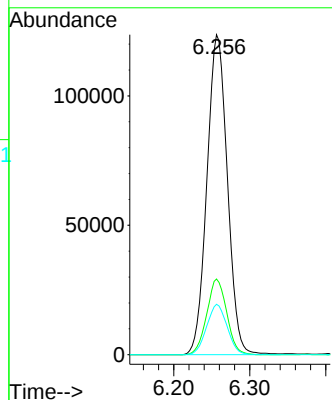
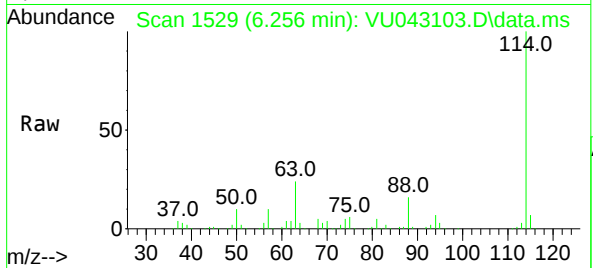




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043103.D
Acq: 14 Apr 2021 18:36

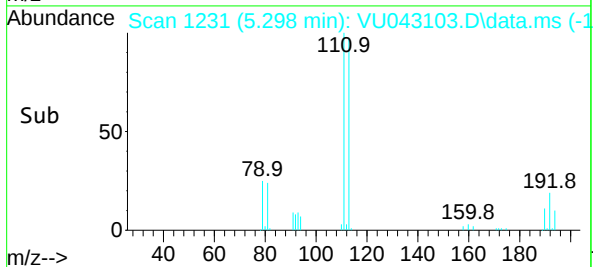
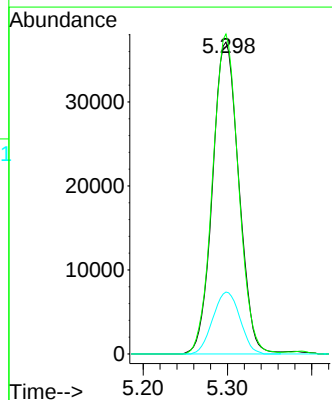
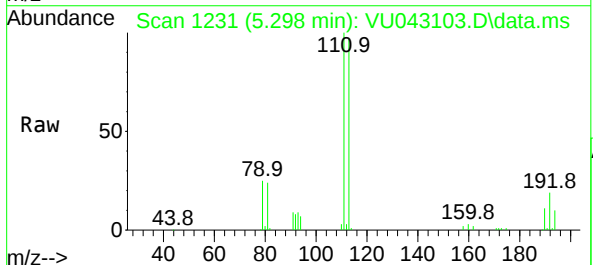
Instrument :
MSVOA_U
ClientSampled :

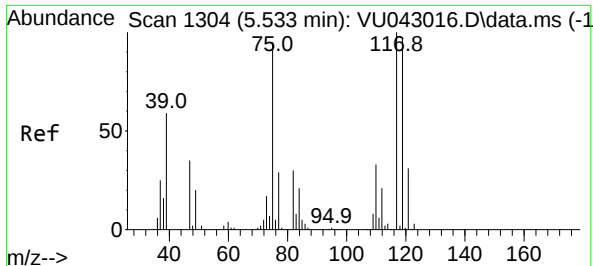
Tgt Ion:114 Resp: 231341
Ion Ratio Lower Upper
114 100
63 23.7 0.0 44.2
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.24 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043103.D
Acq: 14 Apr 2021 18:36

Tgt Ion:113 Resp: 80374
Ion Ratio Lower Upper
113 100
111 101.1 81.8 122.8
192 20.5 17.2 25.8





#36

1,1-Dichloropropene

Concen: 4.49 ug/l

RT: 5.382 min Scan# 1257

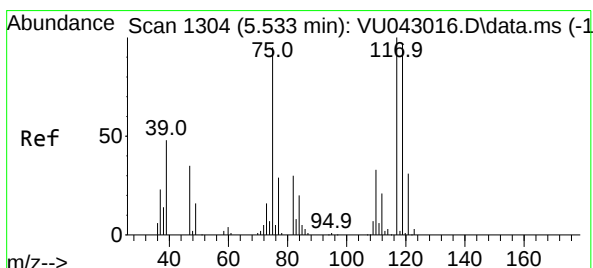
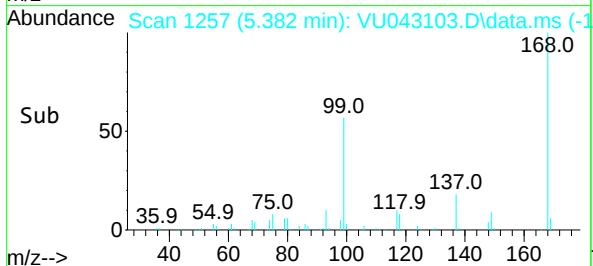
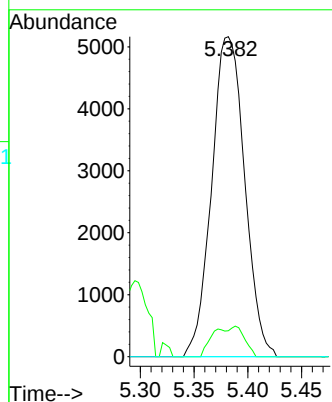
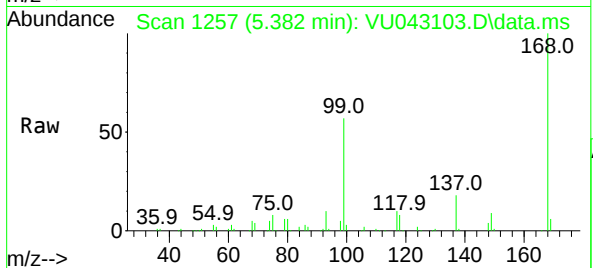
Delta R.T. -0.151 min

Lab File: VU043103.D

Acq: 14 Apr 2021 18:36

Tgt Ion:	75	Resp:	11015
Ion	Ratio	Lower	Upper
75	100		
110	4.2	16.8	50.3#
77	0.0	24.8	37.2#

Instrument :
MSVOA_U
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.54 ug/l

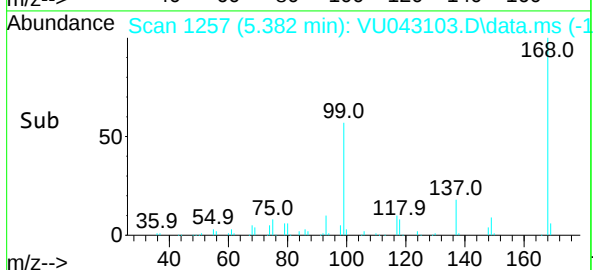
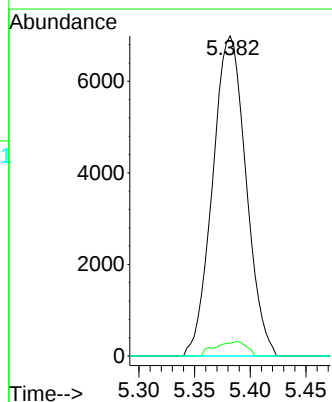
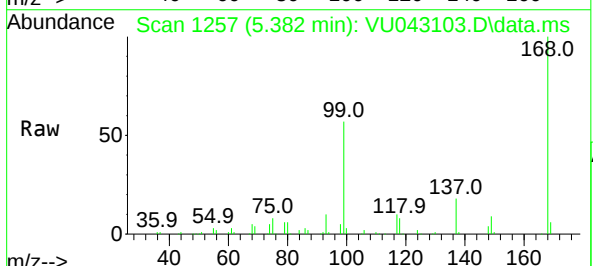
RT: 5.382 min Scan# 1257

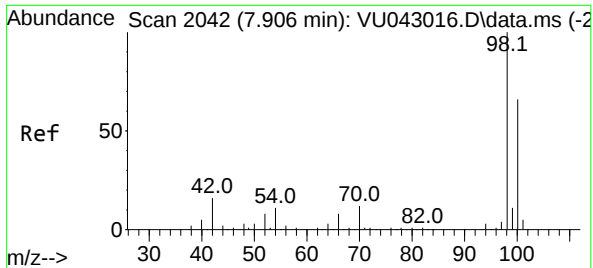
Delta R.T. -0.151 min

Lab File: VU043103.D

Acq: 14 Apr 2021 18:36

Tgt Ion:	117	Resp:	14589
Ion	Ratio	Lower	Upper
117	100		
119	4.0	75.5	113.3#
121	0.0	24.7	37.1#

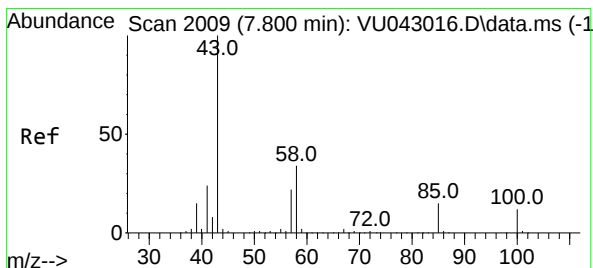
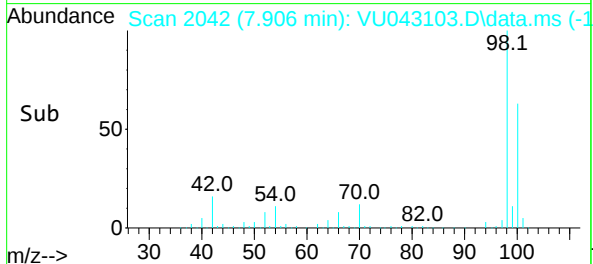
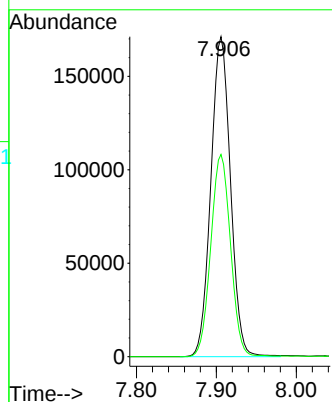
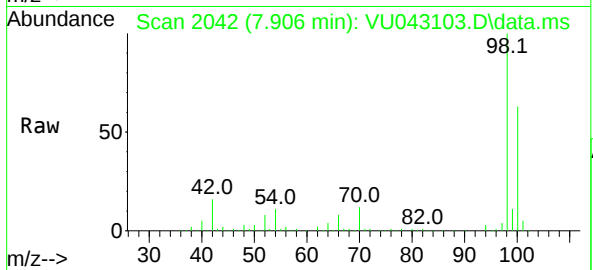




#50
Toluene-d8
Concen: 47.44 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043103.D
Acq: 14 Apr 2021 18:36

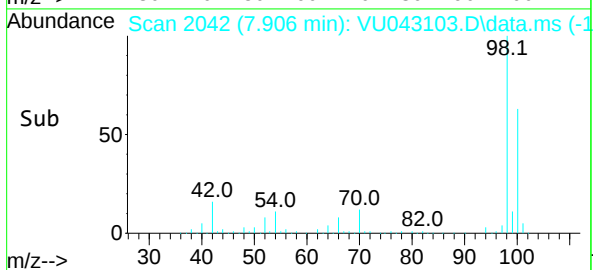
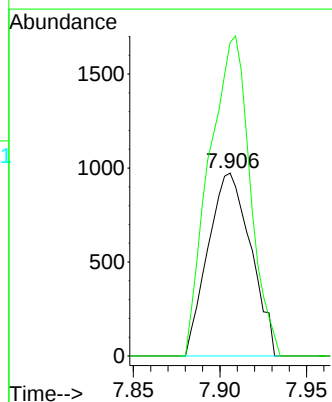
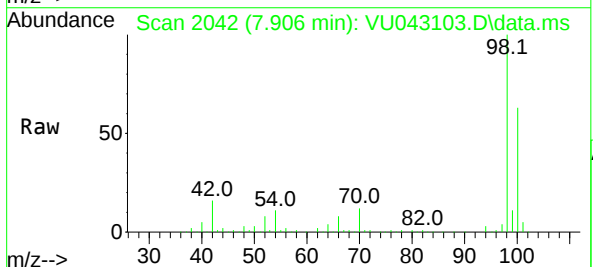
Instrument :
MSVOA_U
ClientSampled :

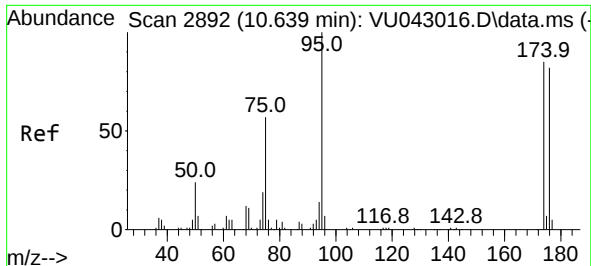
Tgt Ion: 98 Resp: 291786
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.38 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043103.D
Acq: 14 Apr 2021 18:36

Tgt Ion: 43 Resp: 1669
Ion Ratio Lower Upper
43 100
58 167.4 28.1 42.1#

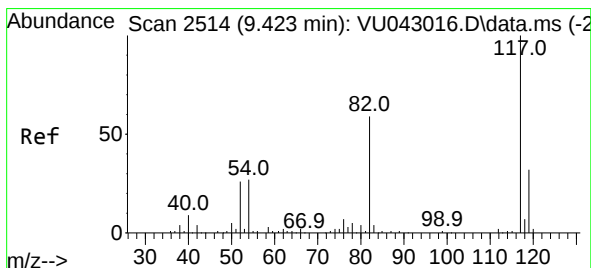
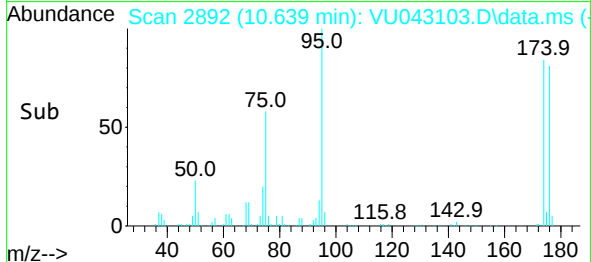
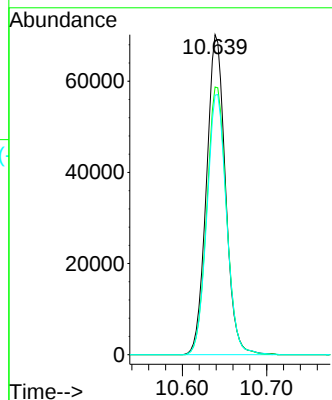
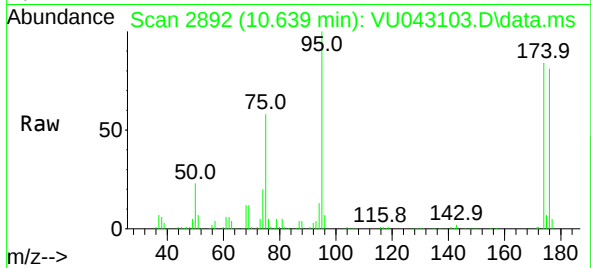




#62
4-Bromofluorobenzene
Concen: 44.62 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043103.D
Acq: 14 Apr 2021 18:36

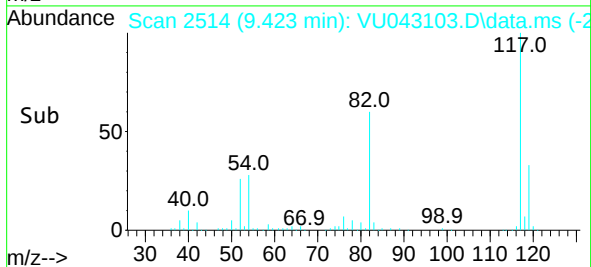
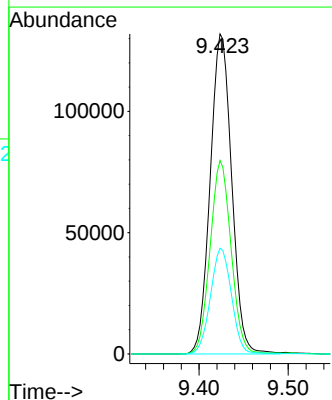
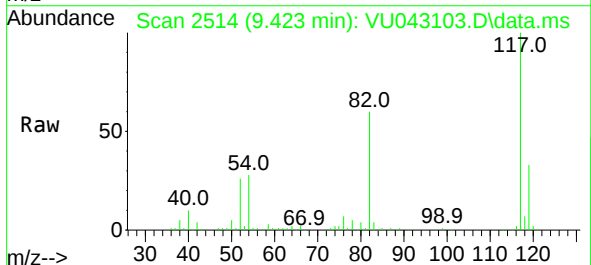
Instrument :
MSVOA_U
ClientSampleId :

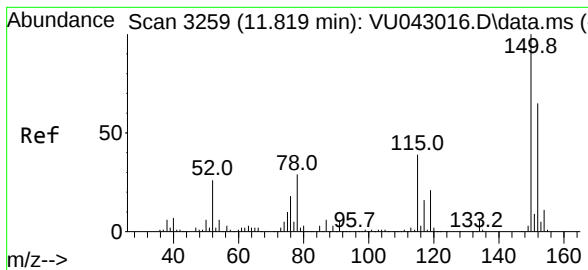
Tgt Ion: 95 Resp: 109910
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.2
176 84.2 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043103.D
Acq: 14 Apr 2021 18:36

Tgt Ion: 117 Resp: 220891
Ion Ratio Lower Upper
117 100
82 60.5 45.8 68.6
119 33.1 25.8 38.8

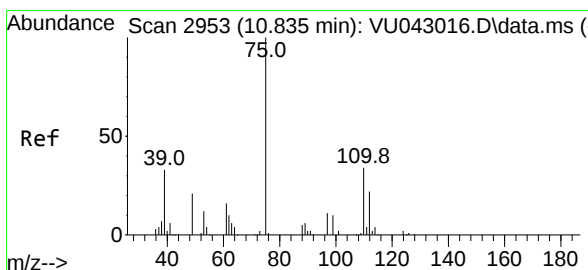
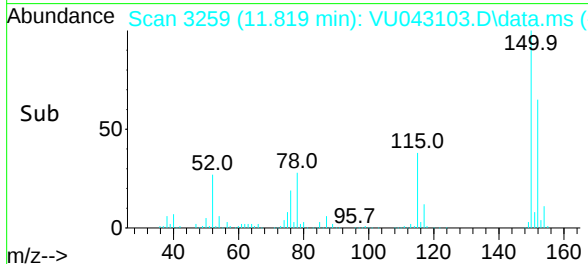
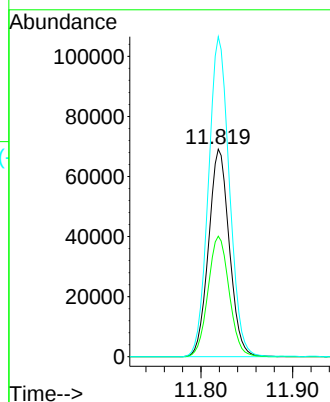
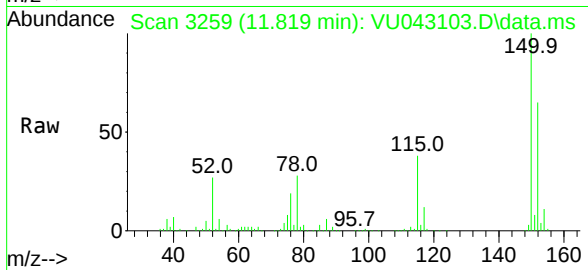




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043103.D
 Acq: 14 Apr 2021 18:36

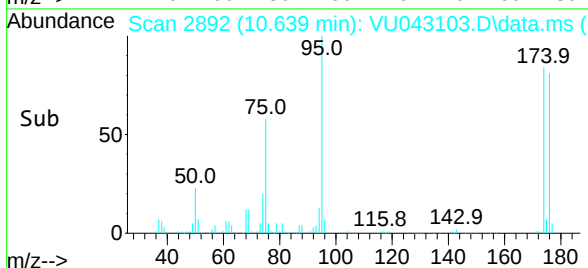
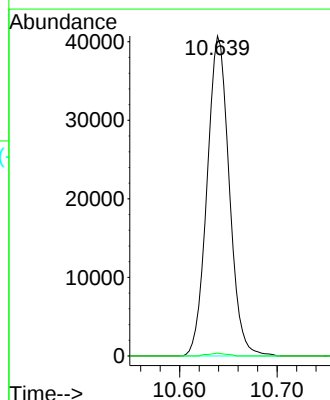
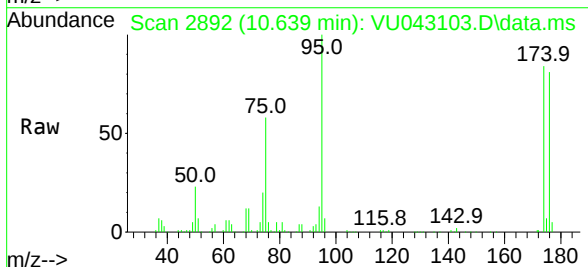
Instrument :
 MSVOA_U
 ClientSampled :

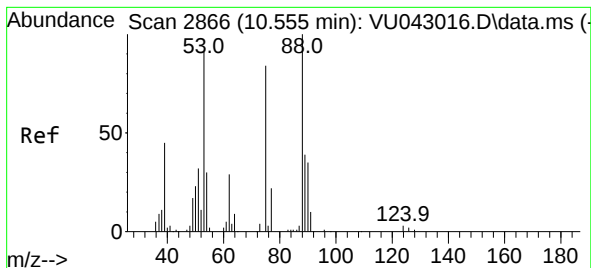
Tgt Ion:152 Resp: 108682
 Ion Ratio Lower Upper
 152 100
 115 59.0 41.5 124.6
 150 155.8 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.26 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043103.D
 Acq: 14 Apr 2021 18:36

Tgt Ion: 75 Resp: 64352
 Ion Ratio Lower Upper
 75 100
 77 0.7 20.2 60.5#

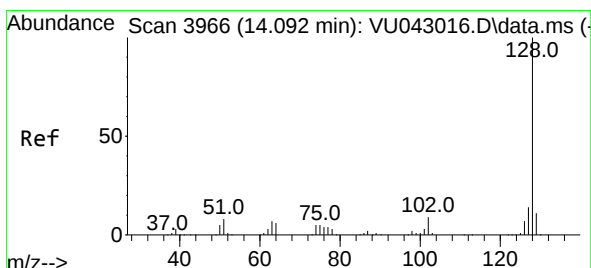
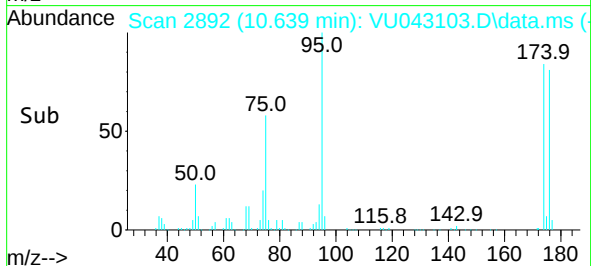
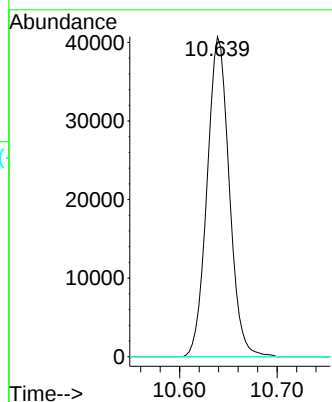
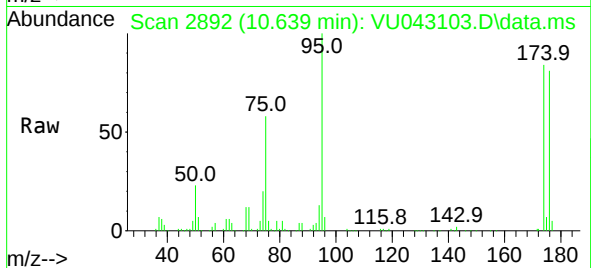




#81
trans-1,4-Dichloro-2-butene
Concen: 59.54 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043103.D
Acq: 14 Apr 2021 18:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 64352
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.77 ug/l
RT: 14.105 min Scan# 3970
Delta R.T. 0.013 min
Lab File: VU043103.D
Acq: 14 Apr 2021 18:36

Tgt Ion:128 Resp: 247
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

