

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042821\
 Data File : VU043398.D
 Acq On : 28 Apr 2021 19:55
 Operator : SY/MD
 Sample : M2208-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 08:43:03 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)

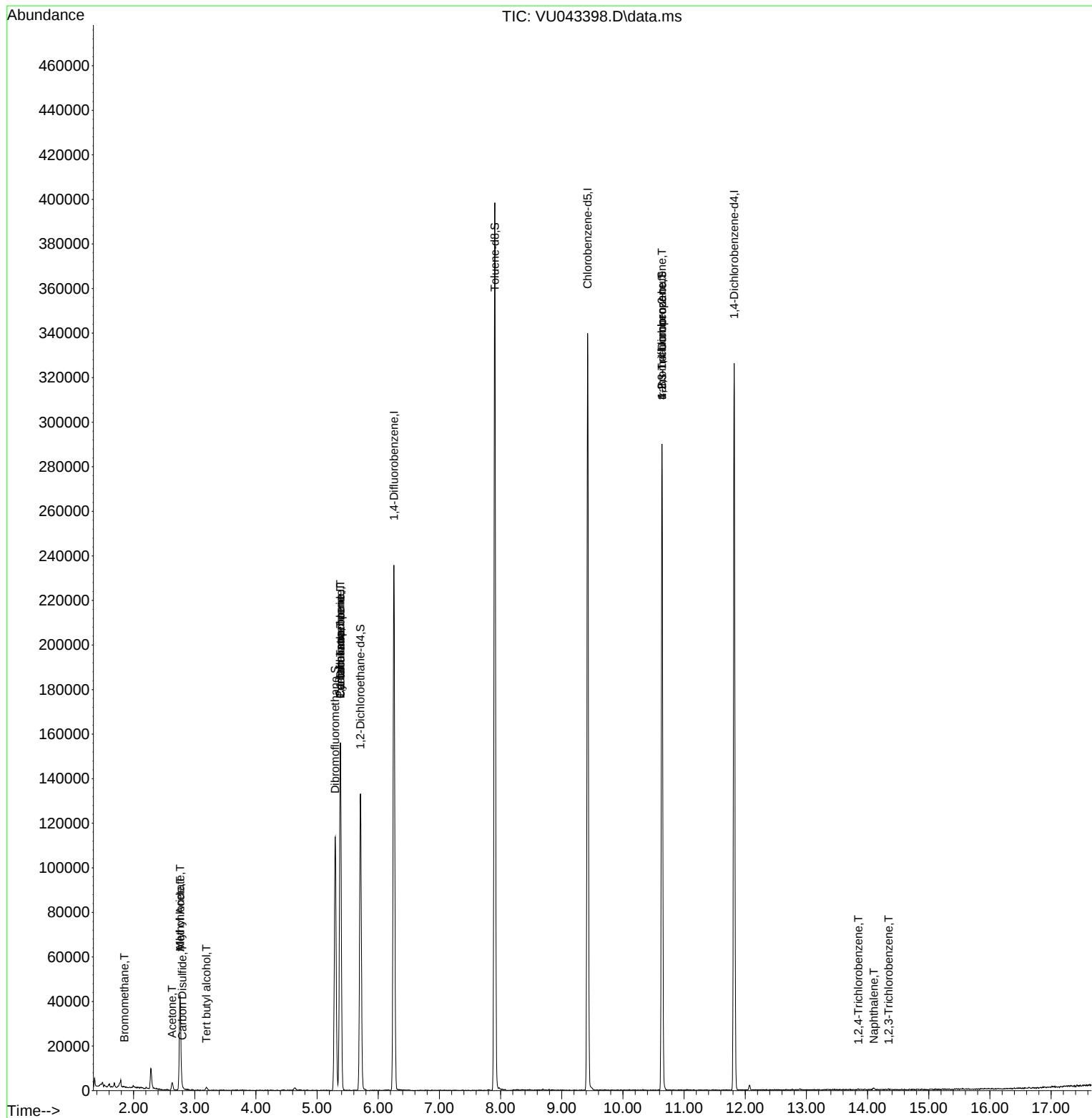
Internal Standards						
1) Pentafluorobenzene	5.382	168	102631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	173937	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	168474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	78718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	101606	58.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.78%	
35) Dibromofluoromethane	5.295	113	70421	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
50) Toluene-d8	7.906	98	239567	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	10.639	95	83739	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	760	Below Cal	#	87
5) Bromomethane	1.851	94	165	0.26 ug/l	#	2
11) Tert butyl alcohol	3.189	59	883	1.99 ug/l	#	94
14) Allyl chloride	2.761	41	4572	1.96 ug/l	#	65
16) Acetone	2.629	43	3852	3.49 ug/l	#	96
17) Carbon Disulfide	2.796	76	738	0.25 ug/l	#	74
18) Methyl Acetate	2.761	43	12140	5.63 ug/l	#	55
31) Cyclohexane	5.382	56	2792	1.31 ug/l	#	12
36) 1,1-Dichloropropene	5.382	75	8729	4.73 ug/l	#	50
38) Carbon Tetrachloride	5.382	117	10806	5.46 ug/l	#	18
76) 1,2,3-Trichloropropane	10.639	75	47983	20.86 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	10.639	75	47983	61.29 ug/l	#	7
93) 1,2,4-Trichlorobenzene	13.847	180	117	1.57 ug/l	#	26
95) Naphthalene	14.101	128	1065	2.92 ug/l	#	69
96) 1,2,3-Trichlorobenzene	14.343	180	117	1.52 ug/l	#	62

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

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Response via : Initial Calibration

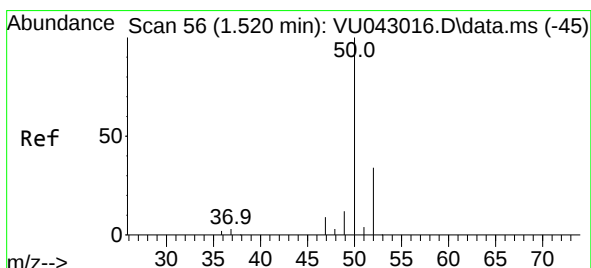
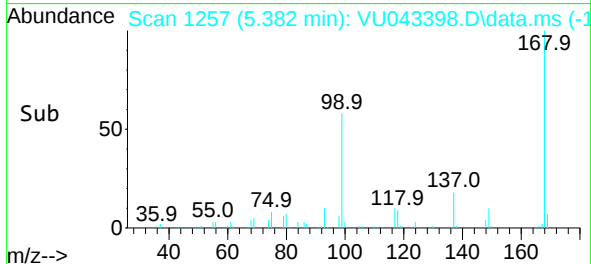
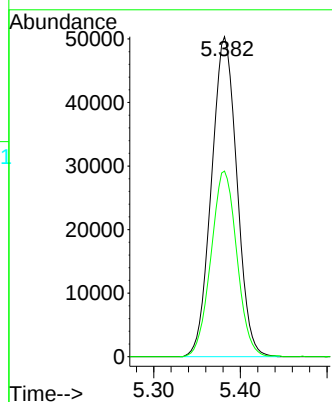
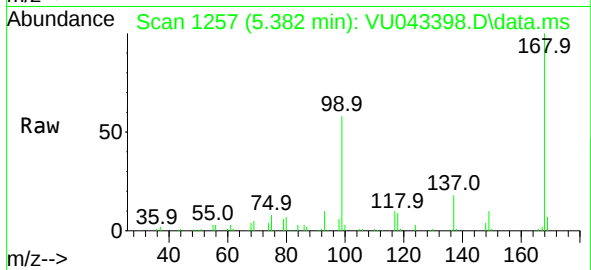




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

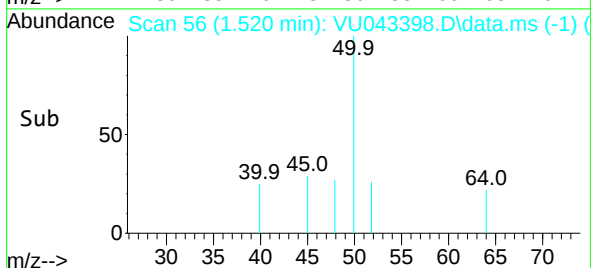
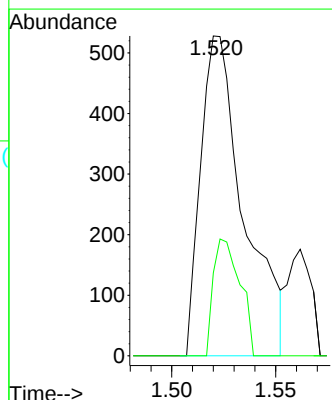
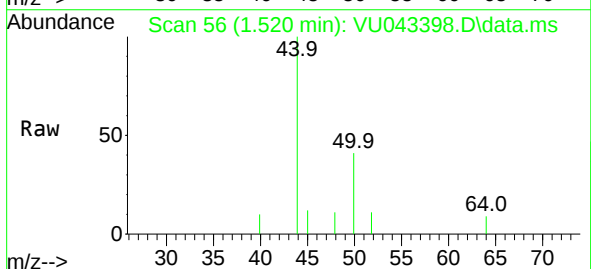
Instrument :
MSVOA_U
ClientSampled :

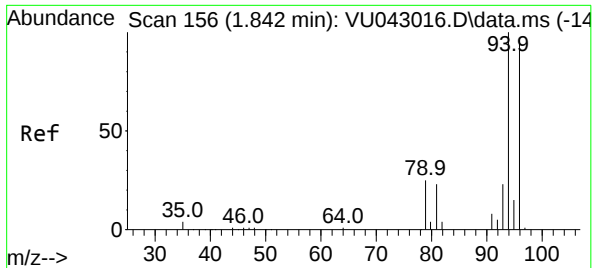
Tgt Ion:168 Resp: 102631
Ion Ratio Lower Upper
168 100
99 58.0 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

Tgt Ion: 50 Resp: 760
Ion Ratio Lower Upper
50 100
52 25.9 26.6 40.0#

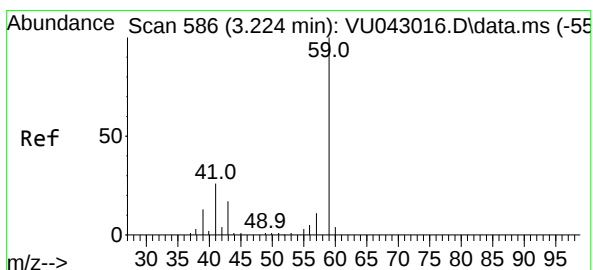
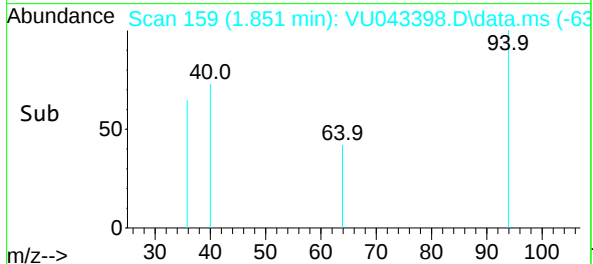
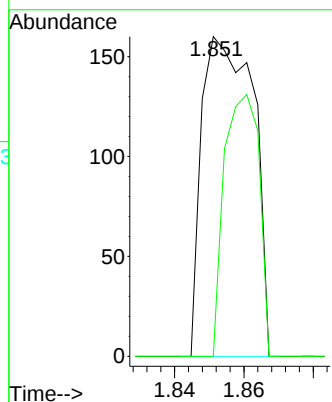
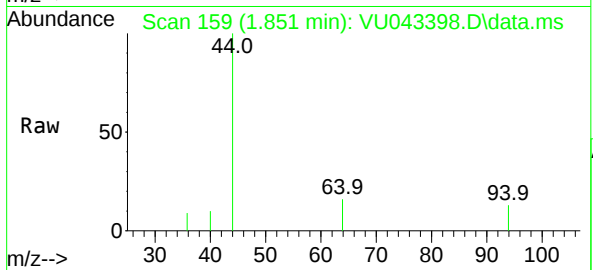




#5
Bromomethane
Concen: 0.26 ug/l
RT: 1.851 min Scan# 159
Delta R.T. 0.009 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

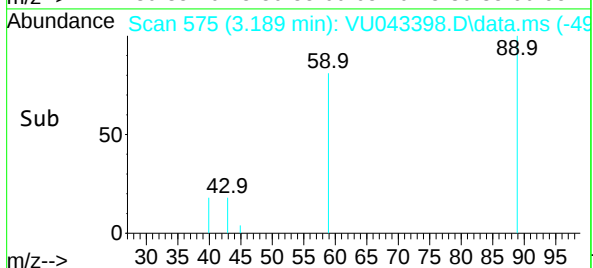
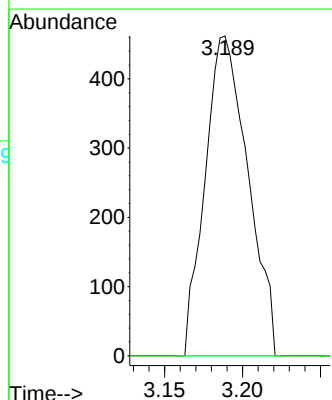
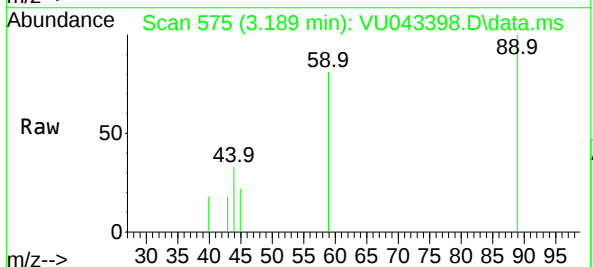
Instrument :
MSVOA_U
ClientSampled :

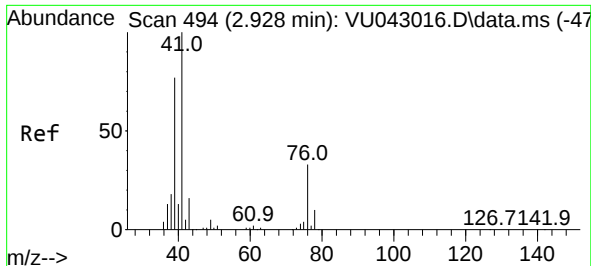
Tgt Ion: 94 Resp: 165
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#



#11
Tert butyl alcohol
Concen: 1.99 ug/l
RT: 3.189 min Scan# 575
Delta R.T. -0.035 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

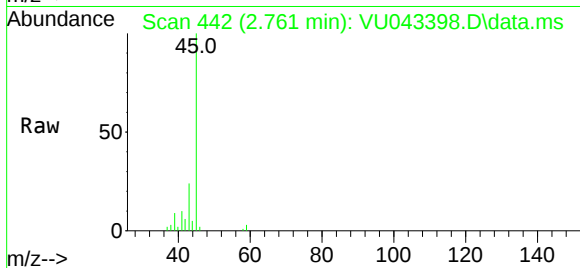
Tgt Ion: 59 Resp: 883
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



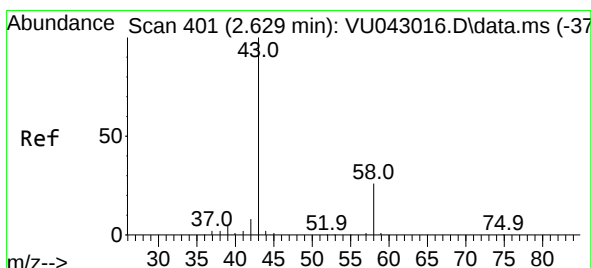
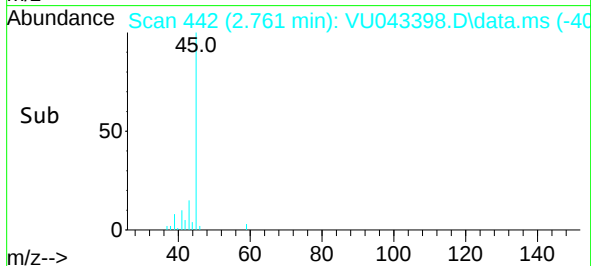
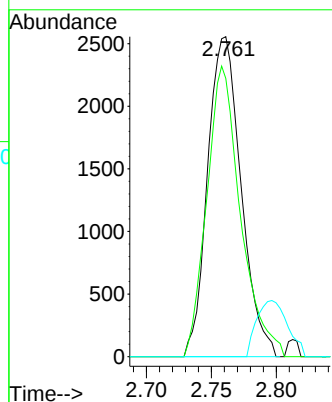


#14
 Allyl chloride
 Concen: 1.96 ug/l
 RT: 2.761 min Scan# 442
 Delta R.T. -0.167 min
 Lab File: VU043398.D
 Acq: 28 Apr 2021 19:55

Instrument :
 MSVOA_U
 ClientSampled :

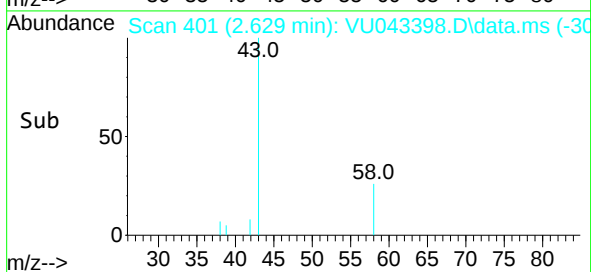
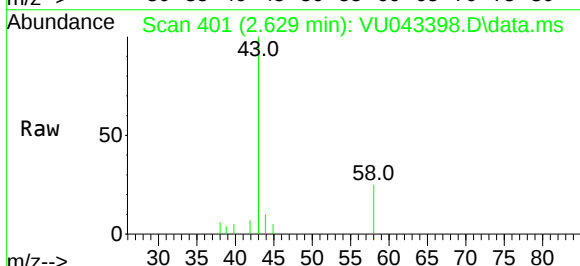
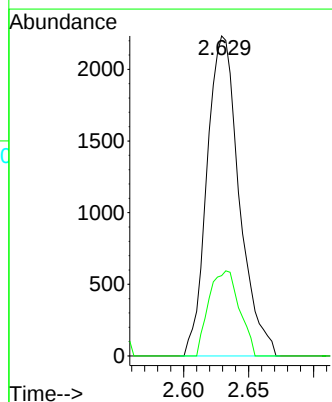


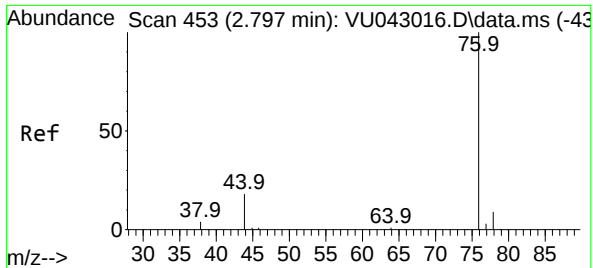
Tgt Ion: 41 Resp: 4572
 Ion Ratio Lower Upper
 41 100
 39 91.3 54.9 82.3#
 76 0.0 22.5 33.7#



#16
 Acetone
 Concen: 3.49 ug/l
 RT: 2.629 min Scan# 401
 Delta R.T. 0.000 min
 Lab File: VU043398.D
 Acq: 28 Apr 2021 19:55

Tgt Ion: 43 Resp: 3852
 Ion Ratio Lower Upper
 43 100
 58 25.1 21.5 32.3

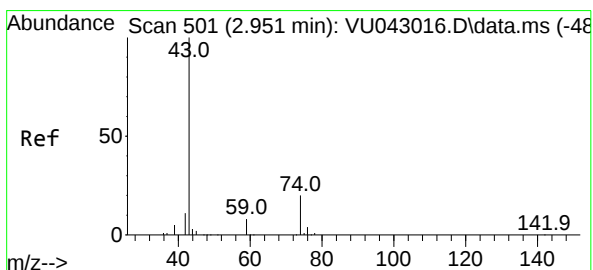
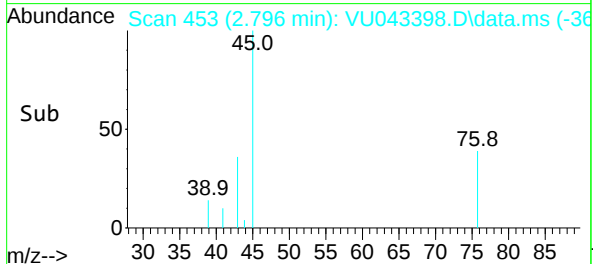
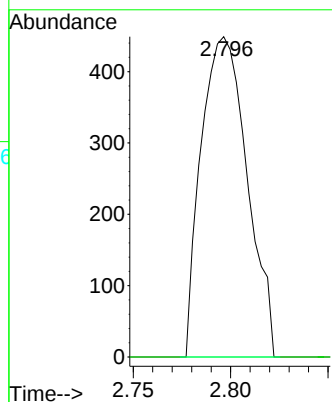
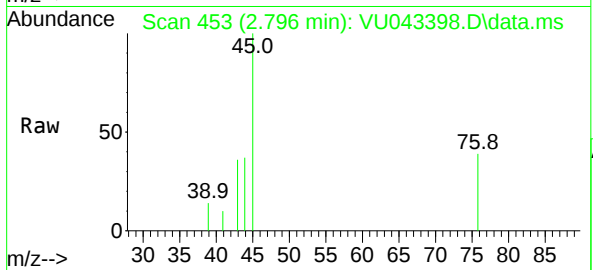




#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.796 min Scan# 453
Delta R.T. -0.001 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

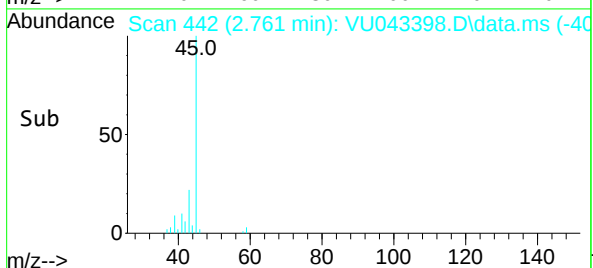
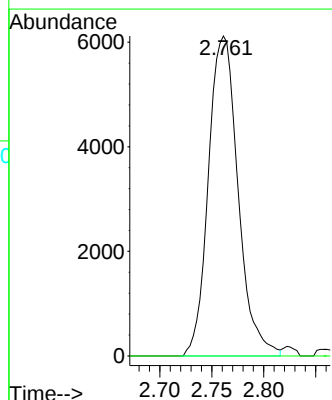
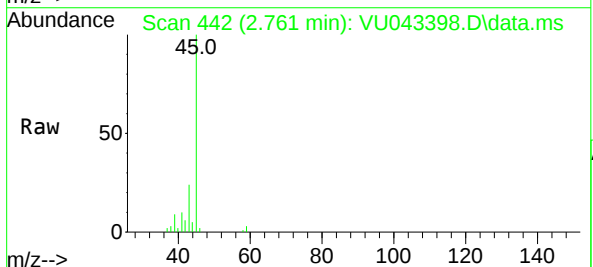
Instrument :
MSVOA_U
ClientSampleId :

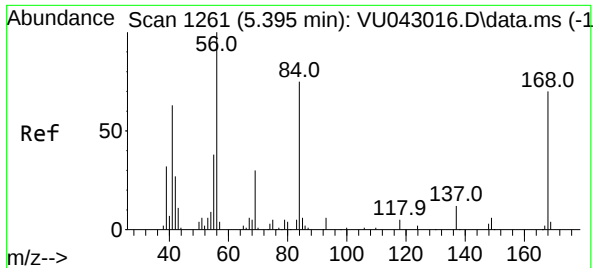
Tgt Ion: 76 Resp: 738
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#18
Methyl Acetate
Concen: 5.63 ug/l
RT: 2.761 min Scan# 442
Delta R.T. -0.190 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

Tgt Ion: 43 Resp: 12140
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#

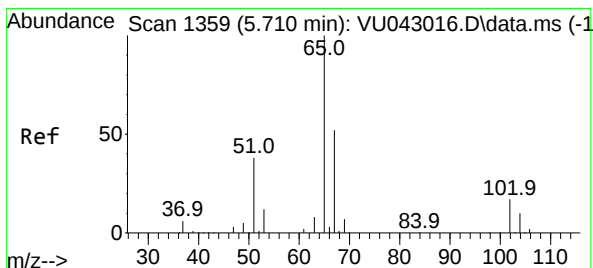
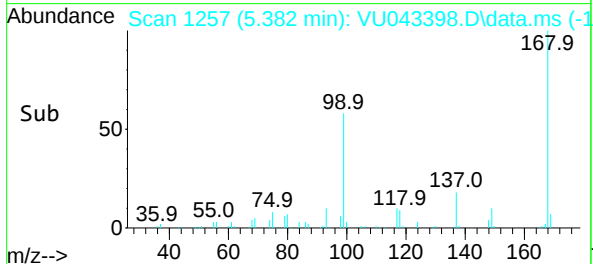
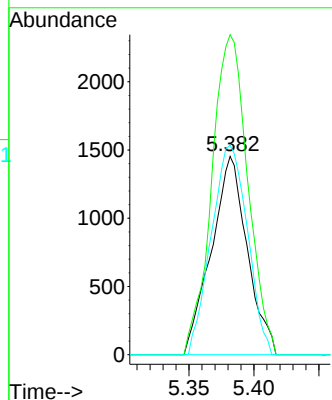
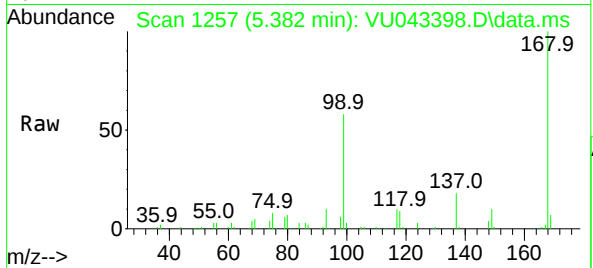




#31
Cyclohexane
Concen: 1.31 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.013 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

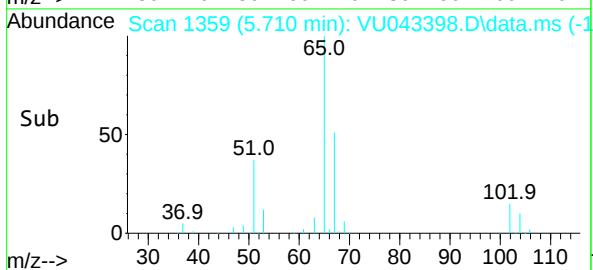
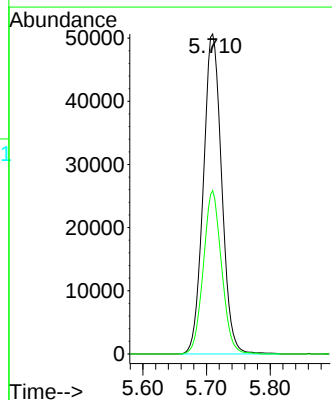
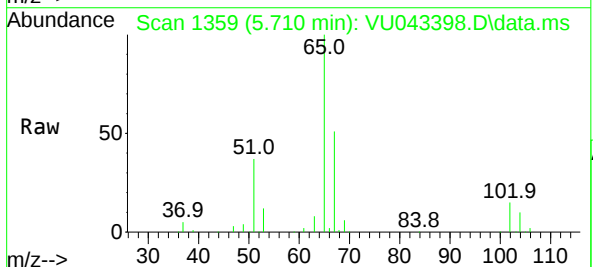
Instrument :
MSVOA_U
ClientSampled :

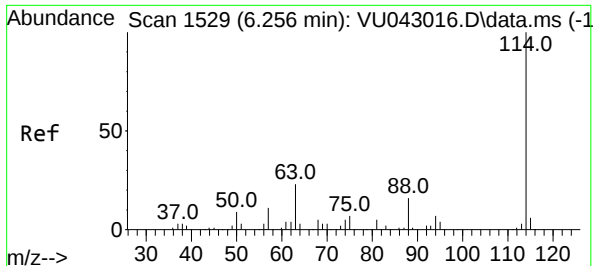
Tgt Ion: 56 Resp: 2792
Ion Ratio Lower Upper
56 100
69 161.4 24.9 37.3#
84 105.6 63.7 95.5#



#33
1,2-Dichloroethane-d4
Concen: 58.89 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

Tgt Ion: 65 Resp: 101606
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.8

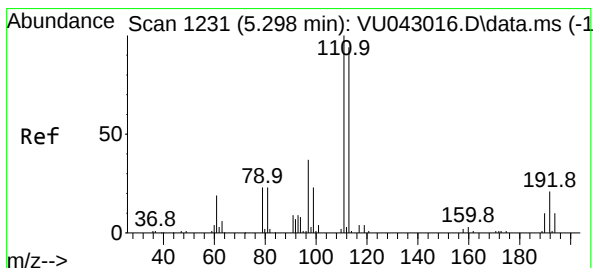
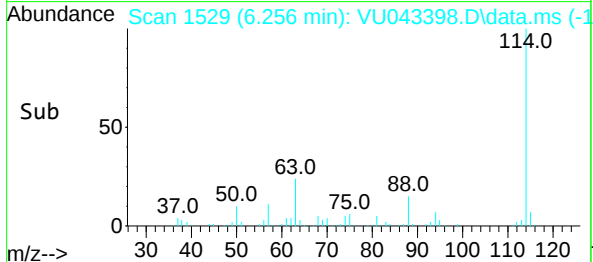
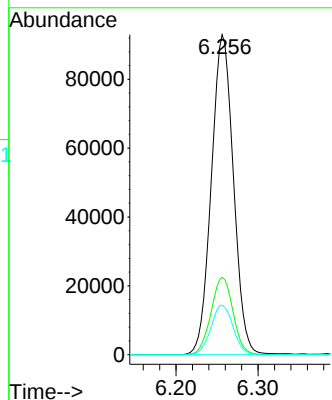
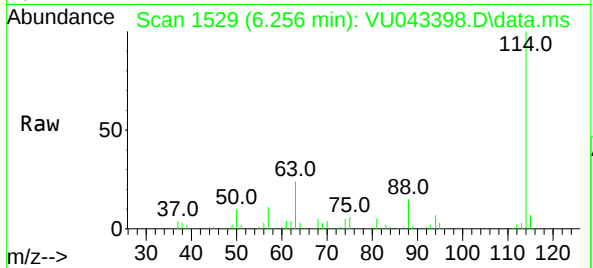




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

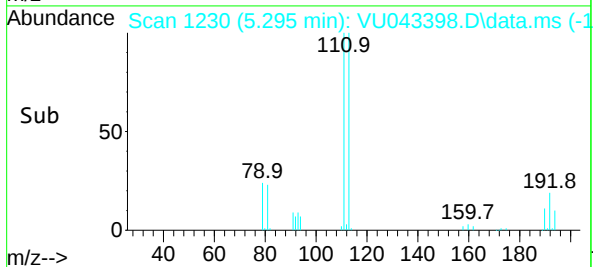
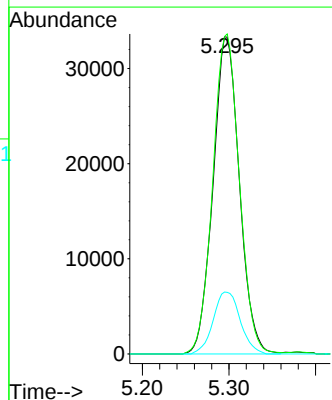
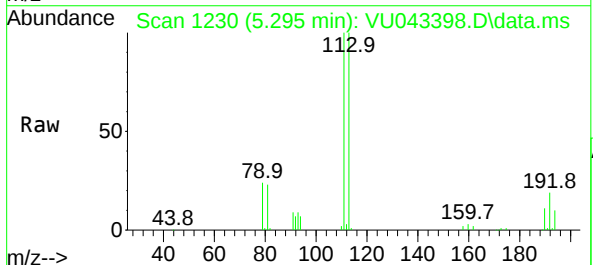
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MSVOA_U
ClientSampled :

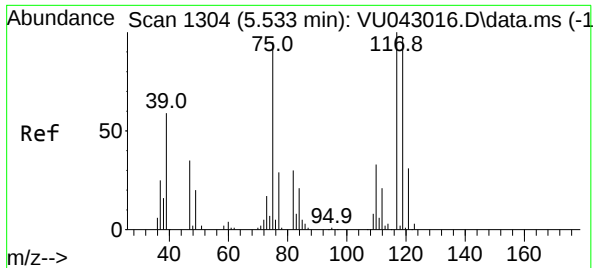
Tgt Ion:114 Resp: 173937
Ion Ratio Lower Upper
114 100
63 24.2 0.0 44.2
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 53.88 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. -0.003 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

Tgt Ion:113 Resp: 70421
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.8
192 20.0 17.2 25.8

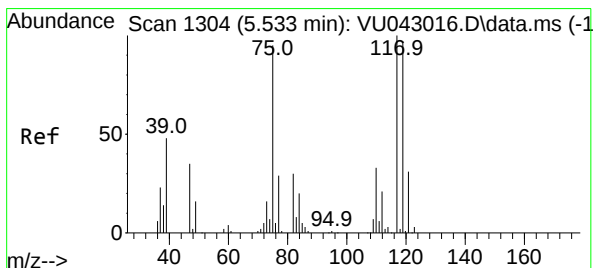
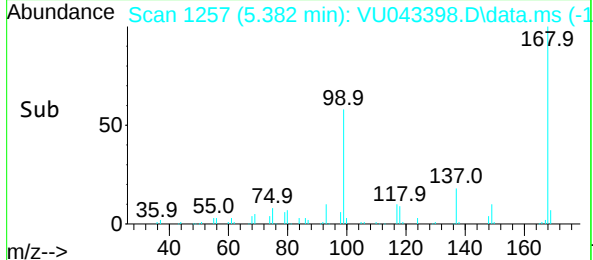
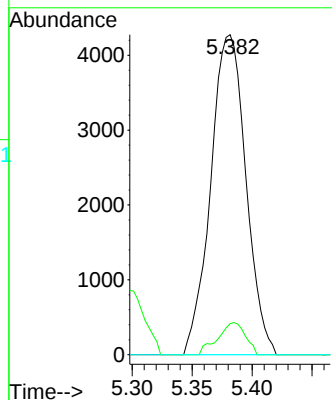
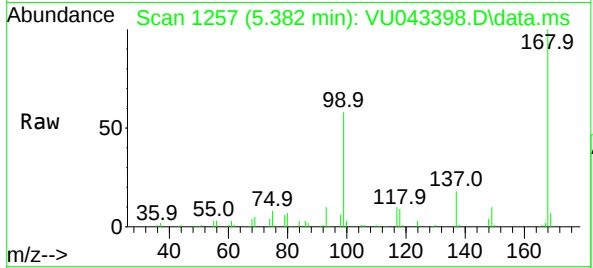




#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

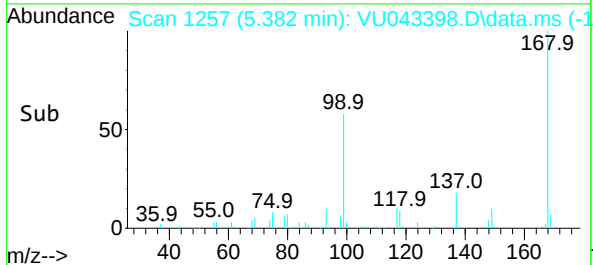
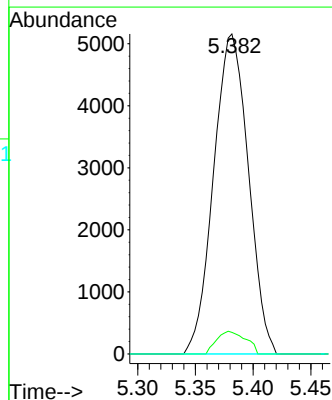
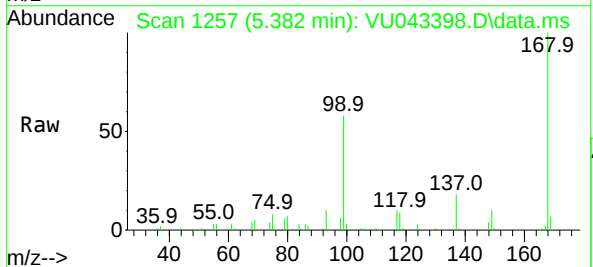
Instrument :
MSVOA_U
ClientSampled :

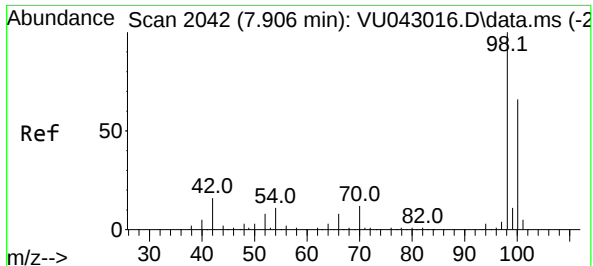
Tgt Ion:	75	Resp:	8729
Ion	Ratio	Lower	Upper
75	100		
110	7.9	16.8	50.3#
77	0.0	24.8	37.2#



#38
Carbon Tetrachloride
Concen: 5.46 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

Tgt Ion:	117	Resp:	10806
Ion	Ratio	Lower	Upper
117	100		
119	6.7	75.5	113.3#
121	0.0	24.7	37.1#

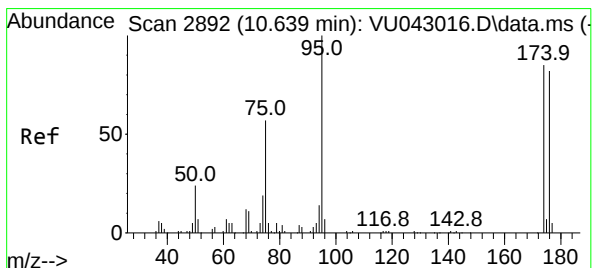
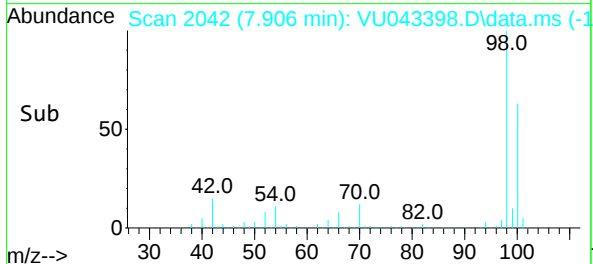
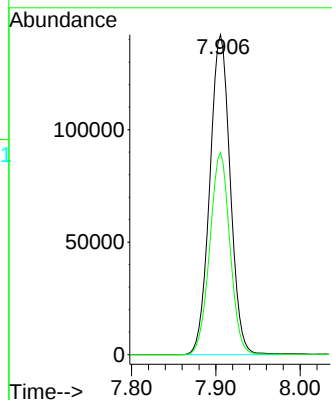
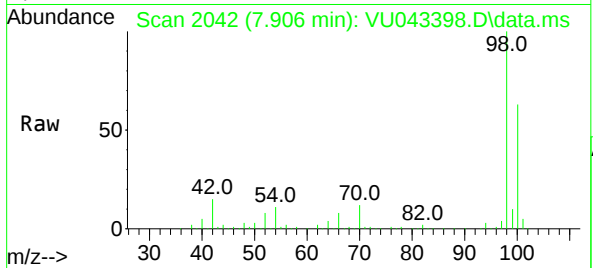




#50
Toluene-d8
Concen: 51.80 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

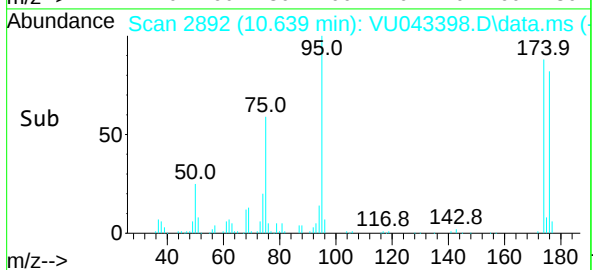
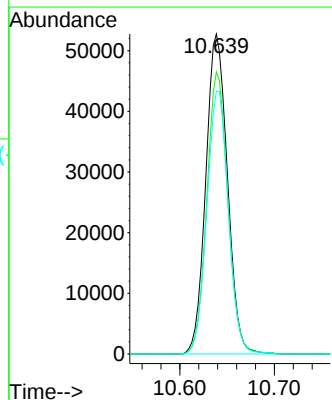
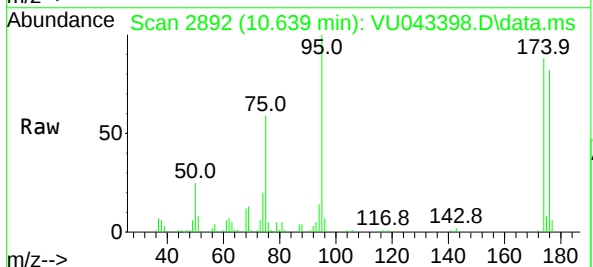
Instrument :
MSVOA_U
ClientSampled :

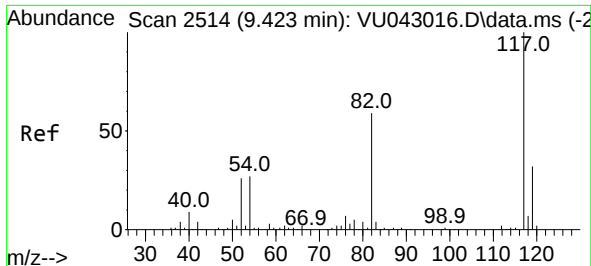
Tgt Ion: 98 Resp: 239567
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.22 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

Tgt Ion: 95 Resp: 83739
Ion Ratio Lower Upper
95 100
174 86.0 0.0 172.2
176 81.8 0.0 168.8

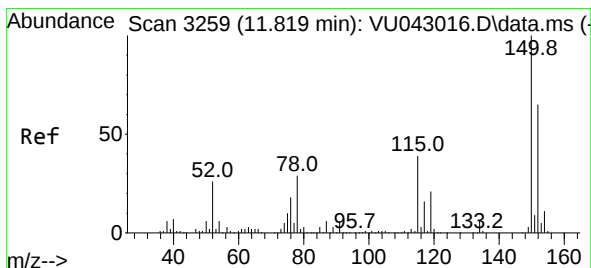
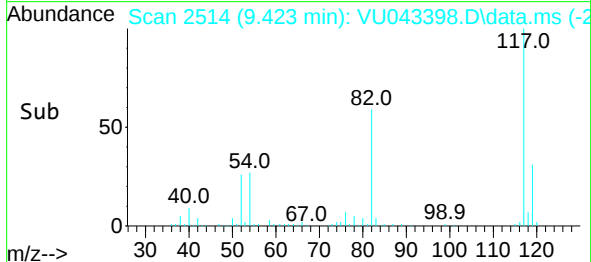
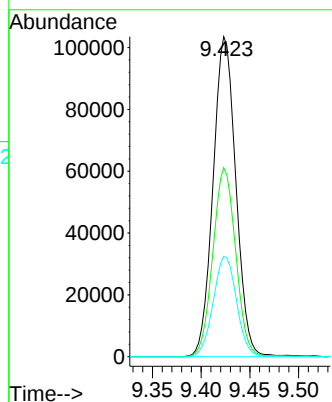
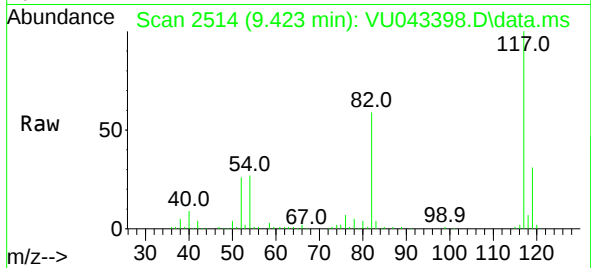




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

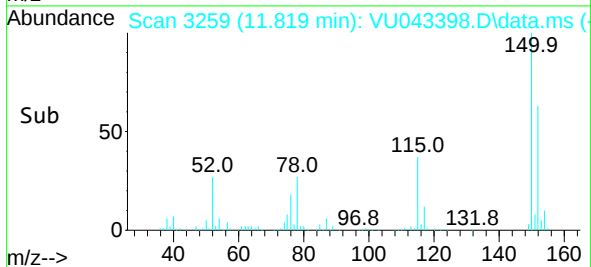
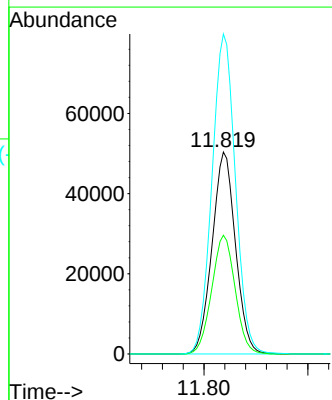
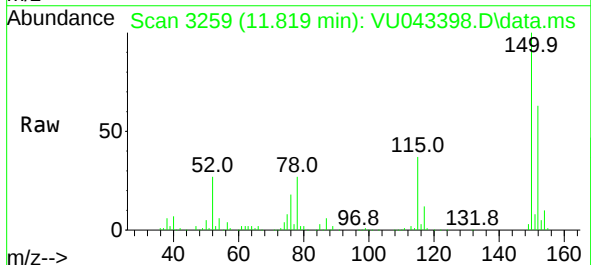
Instrument :
MSVOA_U
ClientSampled :

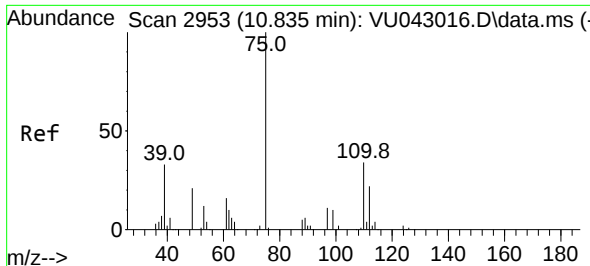
Tgt Ion:117 Resp: 168474
Ion Ratio Lower Upper
117 100
82 59.1 45.8 68.6
119 31.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

Tgt Ion:152 Resp: 78718
Ion Ratio Lower Upper
152 100
115 58.7 41.5 124.6
150 158.7 0.0 342.4

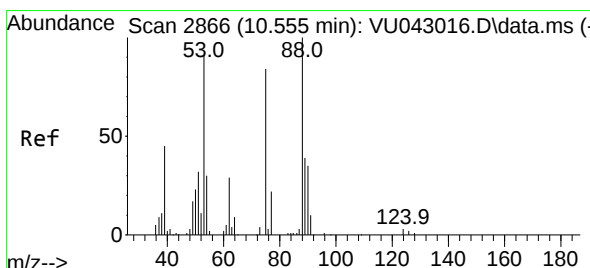
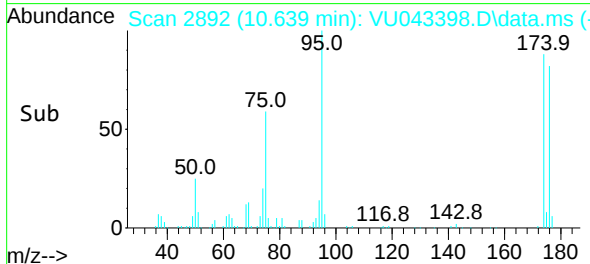
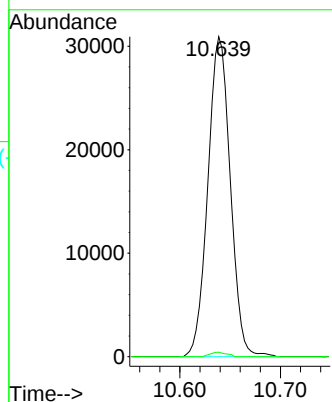
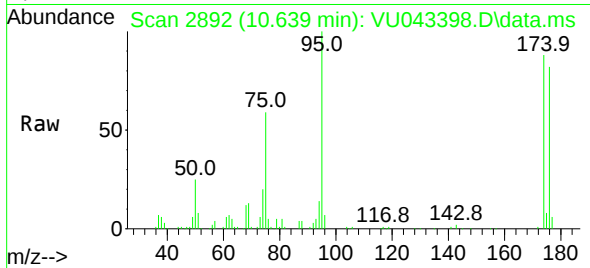




#76
1,2,3-Trichloropropane
Concen: 20.86 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

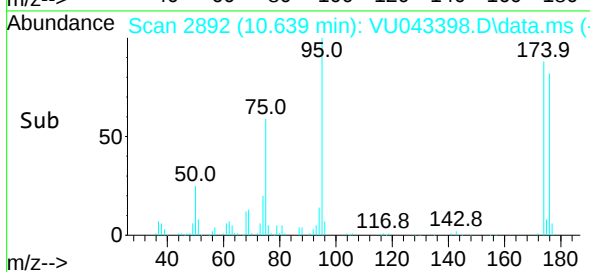
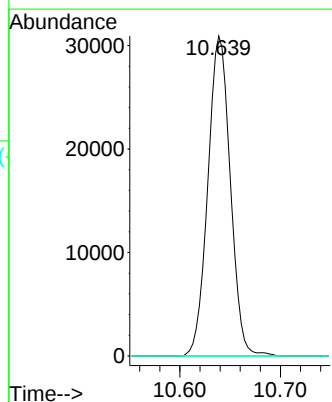
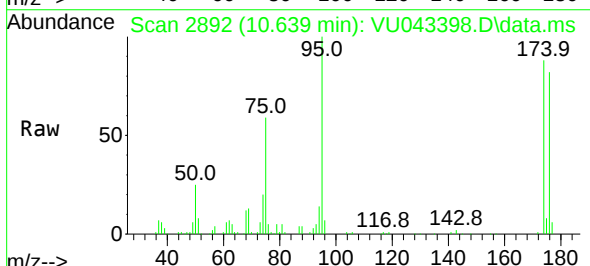
Instrument :
MSVOA_U
ClientSampled :

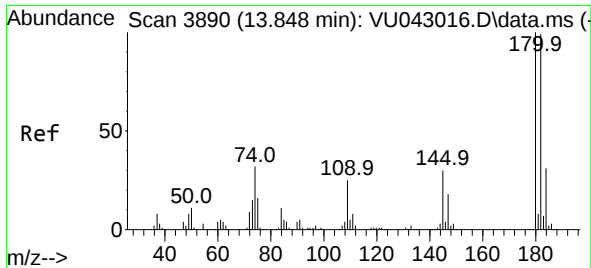
Tgt Ion: 75 Resp: 47983
Ion Ratio Lower Upper
75 100
77 1.0 20.2 60.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.29 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

Tgt Ion: 75 Resp: 47983
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#

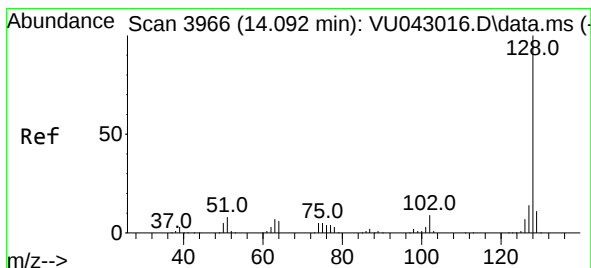
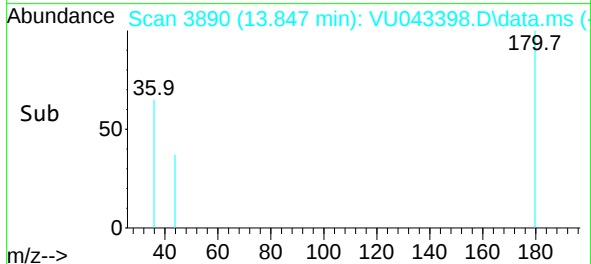
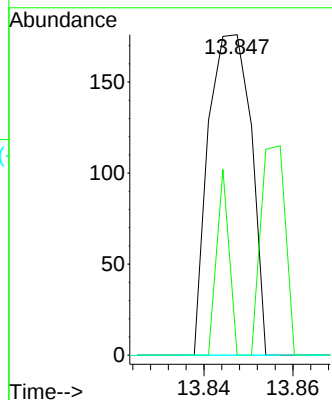
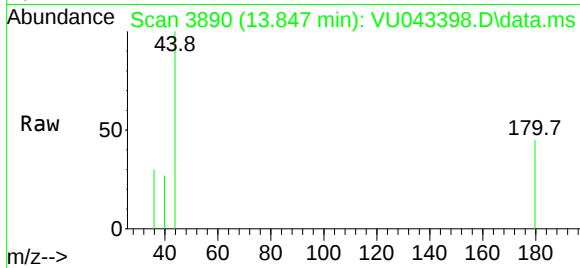




#93
1,2,4-Trichlorobenzene
Concen: 1.57 ug/l
RT: 13.847 min Scan# 3890
Delta R.T. -0.001 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

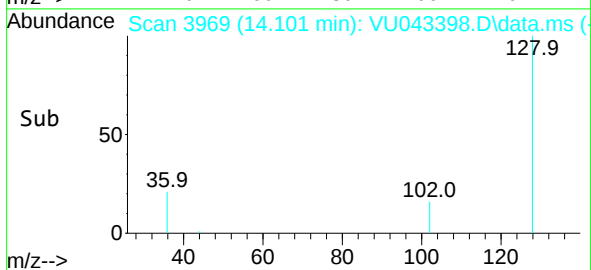
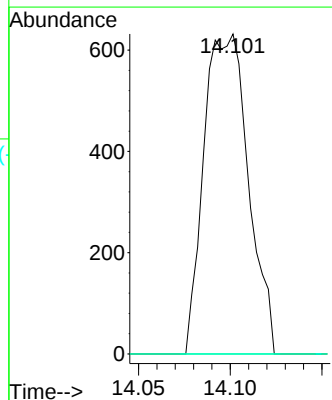
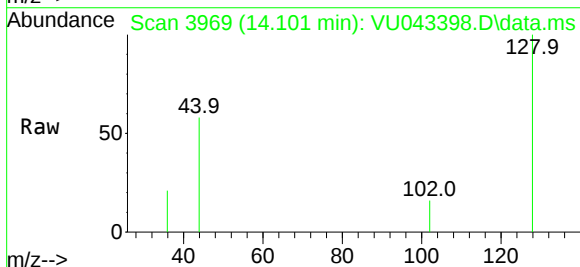
Instrument :
MSVOA_U
ClientSampleId :

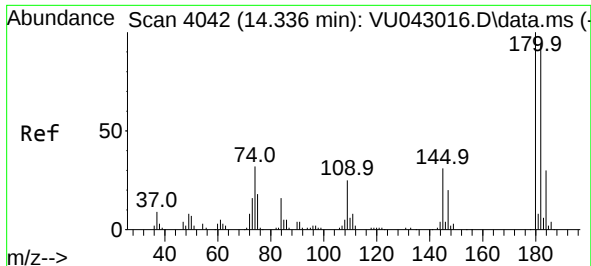
Tgt Ion:180 Resp: 117
Ion Ratio Lower Upper
180 100
182 17.1 46.9 140.8#
145 0.0 14.4 43.4#



#95
Naphthalene
Concen: 2.92 ug/l
RT: 14.101 min Scan# 3969
Delta R.T. 0.009 min
Lab File: VU043398.D
Acq: 28 Apr 2021 19:55

Tgt Ion:128 Resp: 1065
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.52 ug/l
 RT: 14.343 min Scan# 4044
 Delta R.T. 0.007 min
 Lab File: VU043398.D
 Acq: 28 Apr 2021 19:55

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 117
 Ion Ratio Lower Upper
 180 100
 182 127.4 48.0 144.0
 145 0.0 15.5 46.5#

