

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042921\
 Data File : VU043411.D
 Acq On : 29 Apr 2021 01:42
 Operator : SY/MD
 Sample : M2180-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-4

Quant Time: Apr 29 09:47:45 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)

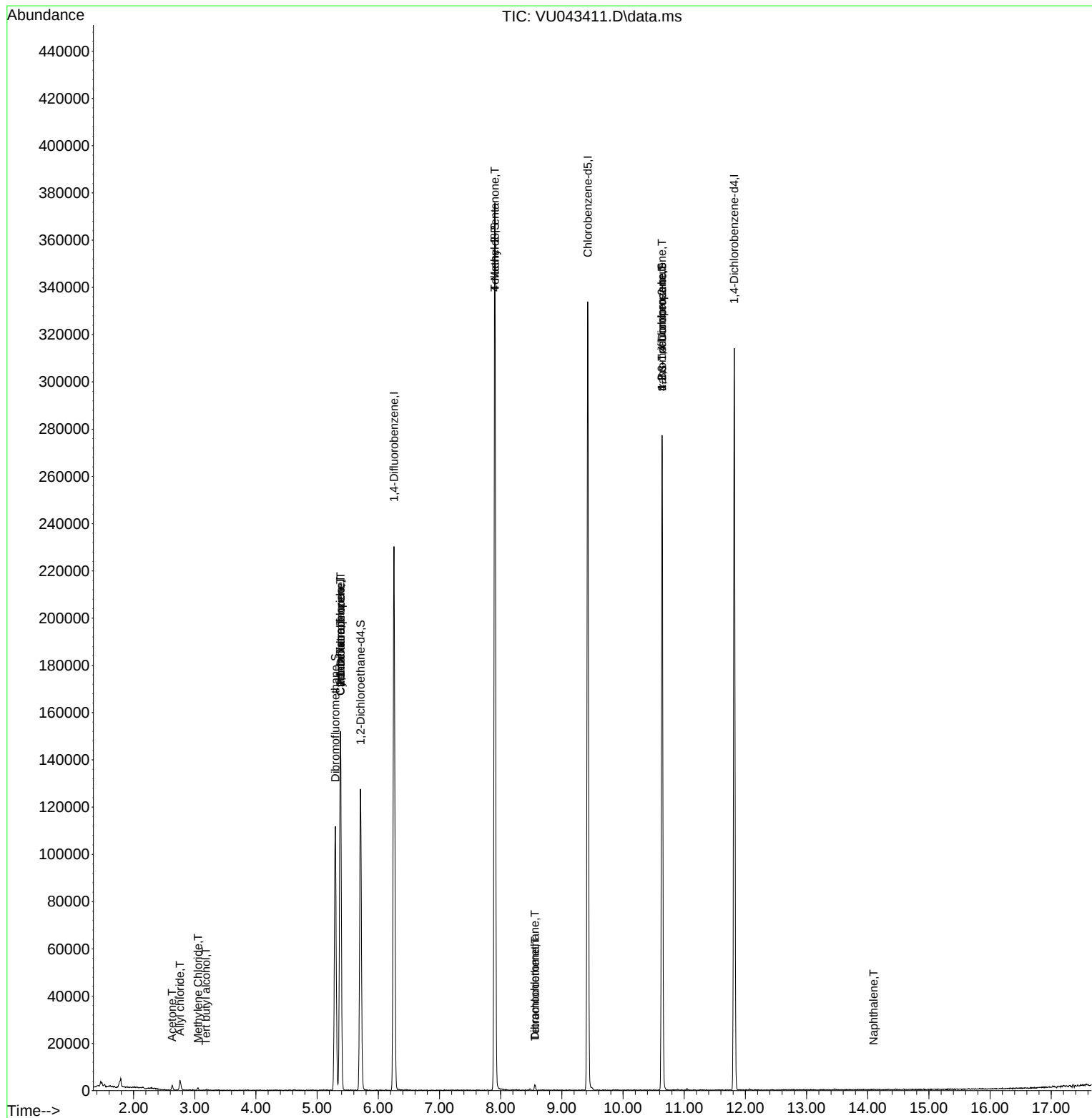
Internal Standards						
1) Pentafluorobenzene	5.382	168	101227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	167759	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	164809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	76965	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	97535	57.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.64%	
35) Dibromofluoromethane	5.298	113	67123	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
50) Toluene-d8	7.906	98	229878	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	10.639	95	80554	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.20%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	757	Below Cal	#	84
11) Tert butyl alcohol	3.183	59	178	0.41 ug/l	#	94
14) Allyl chloride	2.758	41	511	0.22 ug/l	#	77
16) Acetone	2.630	43	2101	1.80 ug/l	#	91
20) Methylene Chloride	3.054	84	494	0.41 ug/l	#	83
31) Cyclohexane	5.379	56	2575	1.23 ug/l	#	46
36) 1,1-Dichloropropene	5.382	75	8716	4.90 ug/l	#	50
38) Carbon Tetrachloride	5.379	117	10362	5.43 ug/l	#	17
51) 4-Methyl-2-Pentanone	7.906	43	1355	0.42 ug/l	#	1
60) Dibromochloromethane	8.559	129	538	0.34 ug/l	#	11
64) Tetrachloroethene	8.562	164	529	0.44 ug/l	#	77
76) 1,2,3-Trichloropropane	10.639	75	45875	20.40 ug/l	#	37
81) trans-1,4-Dichloro-2-b...	10.639	75	45875	59.94 ug/l	#	7
95) Naphthalene	14.099	128	258	2.78 ug/l	#	69

(#) = 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

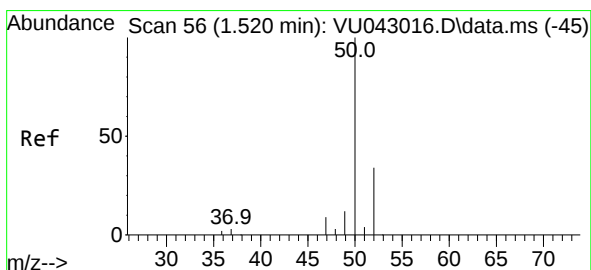
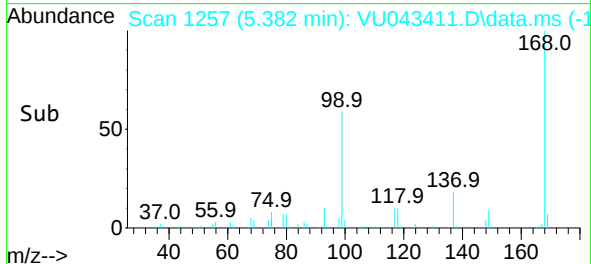
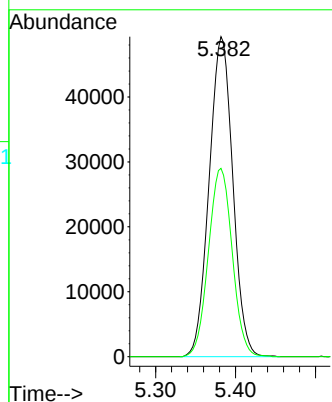
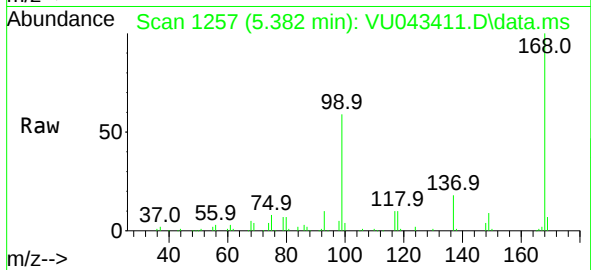




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043411.D
Acq: 29 Apr 2021 01:42

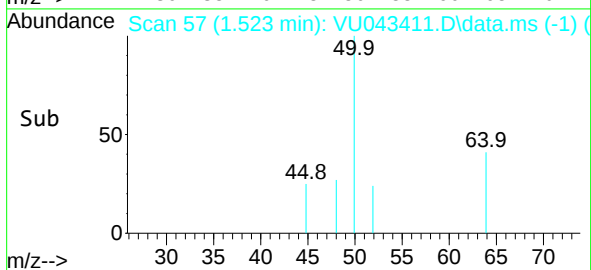
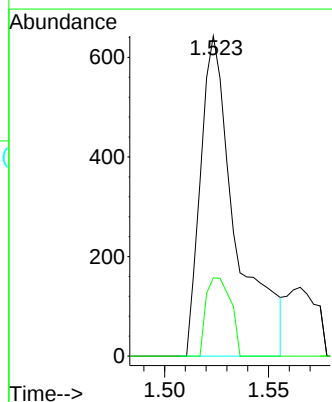
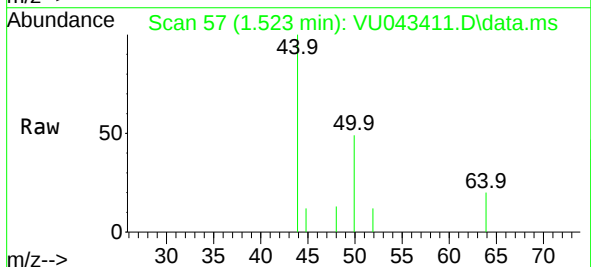
Instrument :
MSVOA_U
ClientSampleId :
MW-4

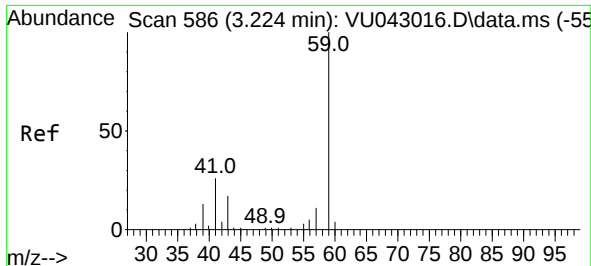
Tgt Ion:168 Resp: 101227
Ion Ratio Lower Upper
168 100
99 58.8 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043411.D
Acq: 29 Apr 2021 01:42

Tgt Ion: 50 Resp: 757
Ion Ratio Lower Upper
50 100
52 24.4 26.6 40.0#

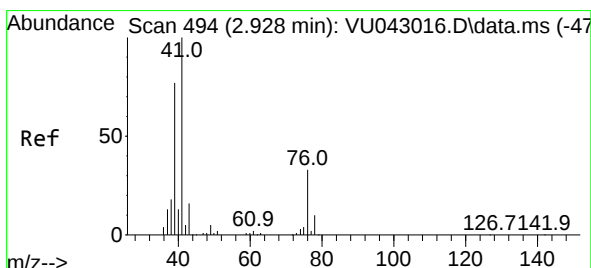
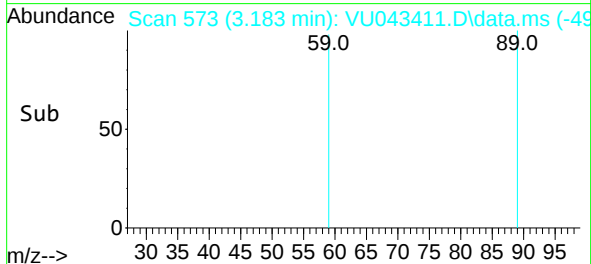
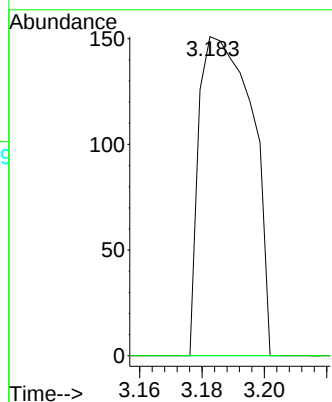
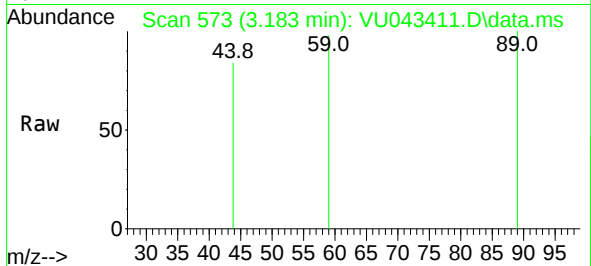




#11
Tert butyl alcohol
Concen: 0.41 ug/l
RT: 3.183 min Scan# 573
Delta R.T. -0.041 min
Lab File: VU043411.D
Acq: 29 Apr 2021 01:42

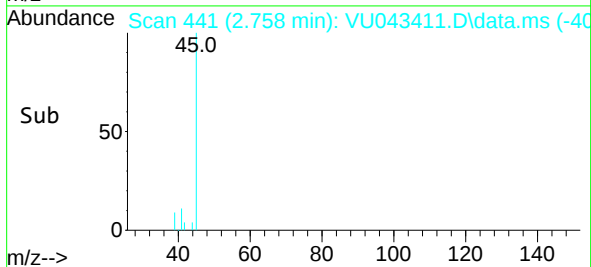
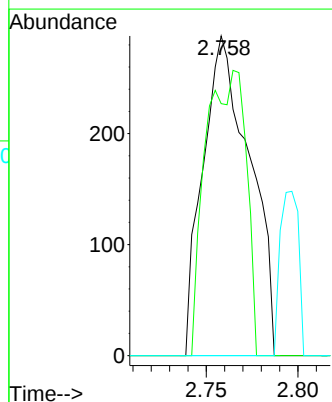
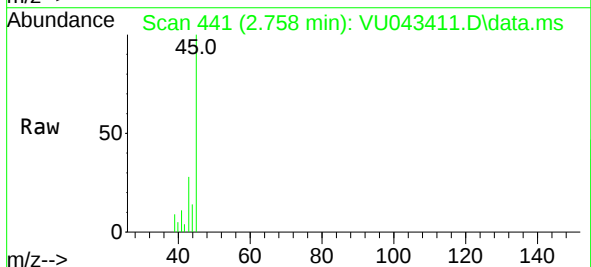
Instrument :
MSVOA_U
ClientSampleId :
MW-4

Tgt Ion: 59 Resp: 178
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#14
Allyl chloride
Concen: 0.22 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.170 min
Lab File: VU043411.D
Acq: 29 Apr 2021 01:42

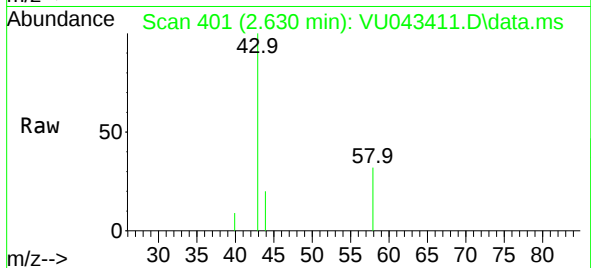
Tgt Ion: 41 Resp: 511
Ion Ratio Lower Upper
41 100
39 77.1 54.9 82.3
76 0.0 22.5 33.7#



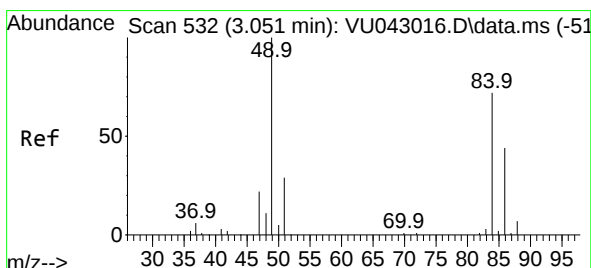
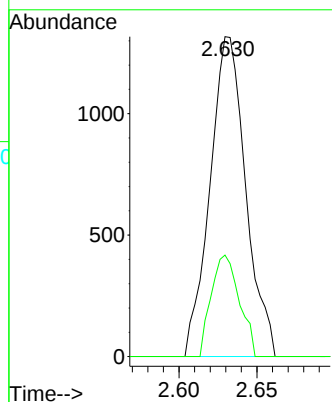
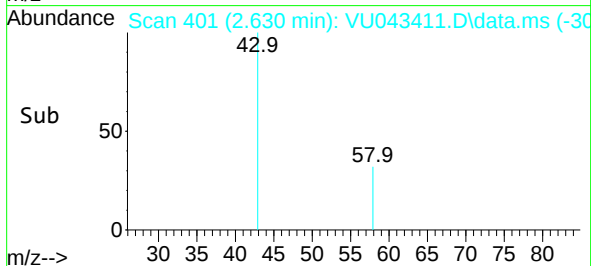


#16
Acetone
Concen: 1.80 ug/l
RT: 2.630 min Scan# 401
Delta R.T. 0.001 min
Lab File: VU043411.D
Acq: 29 Apr 2021 01:42

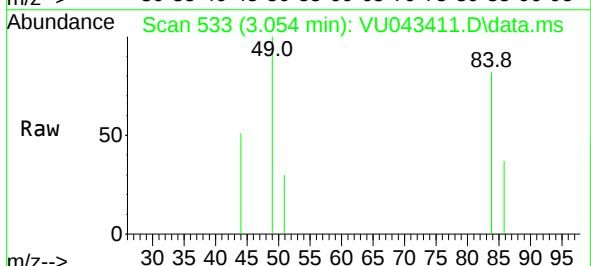
Instrument :
MSVOA_U
ClientSampleId :
MW-4



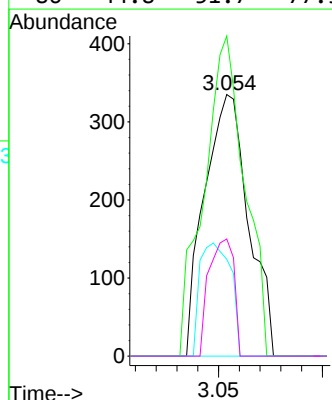
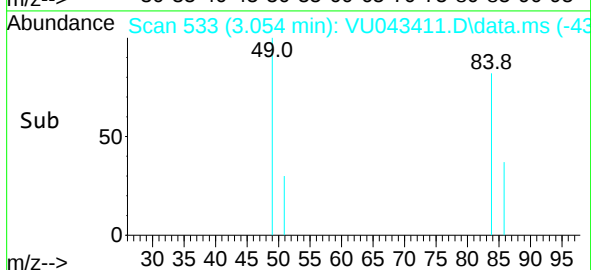
Tgt Ion: 43 Resp: 2101
Ion Ratio Lower Upper
43 100
58 31.7 21.5 32.3

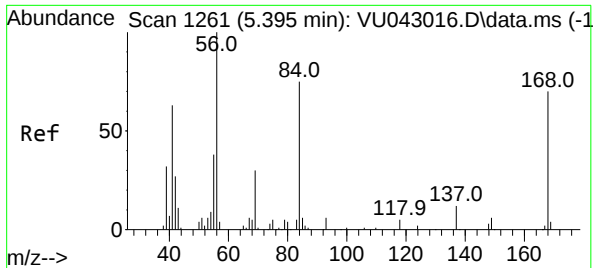


#20
Methylene Chloride
Concen: 0.41 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043411.D
Acq: 29 Apr 2021 01:42



Tgt Ion: 84 Resp: 494
Ion Ratio Lower Upper
84 100
49 122.4 112.6 169.0
51 37.0 33.7 50.5
86 44.8 51.7 77.5#

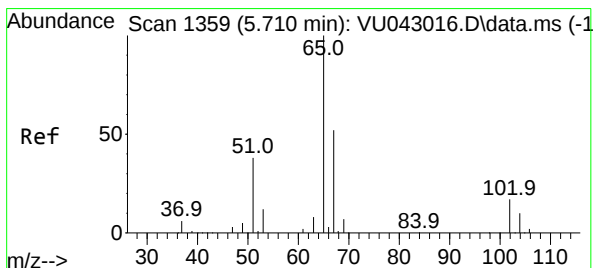
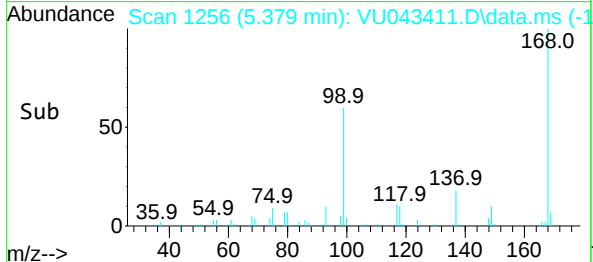
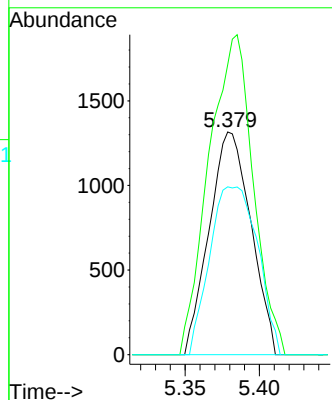
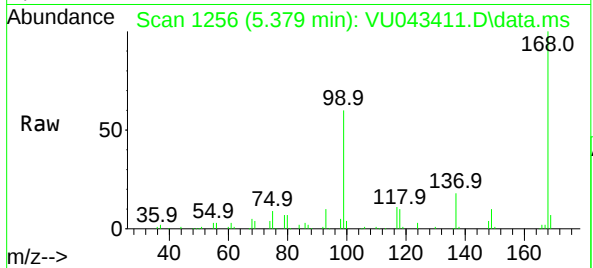




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.016 min
Lab File: VU043411.D
Acq: 29 Apr 2021 01:42

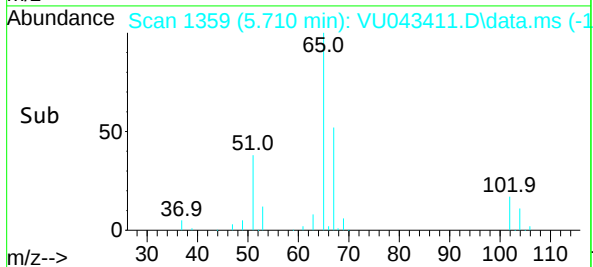
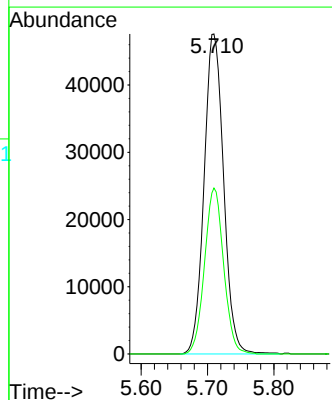
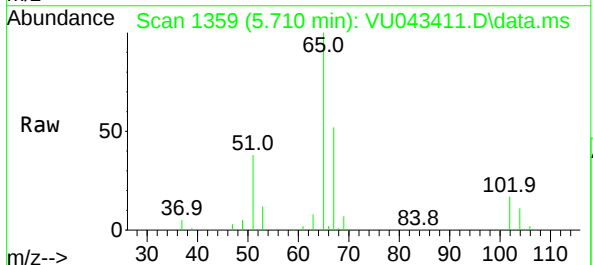
Instrument :
MSVOA_U
ClientSampleId :
MW-4

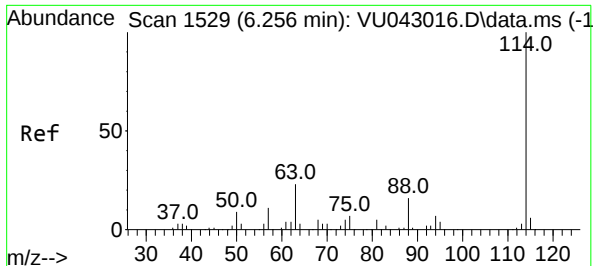
Tgt Ion: 56 Resp: 2575
Ion Ratio Lower Upper
56 100
69 130.2 24.9 37.3#
84 75.4 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 57.32 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043411.D
Acq: 29 Apr 2021 01:42

Tgt Ion: 65 Resp: 97535
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.8

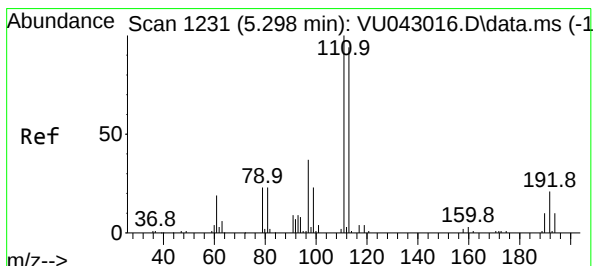
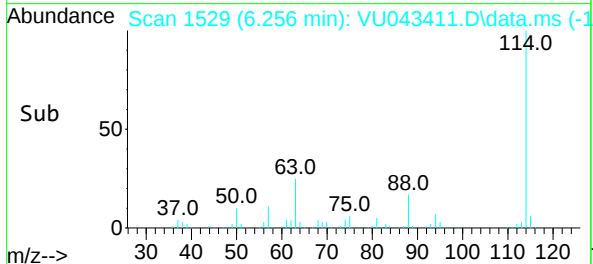
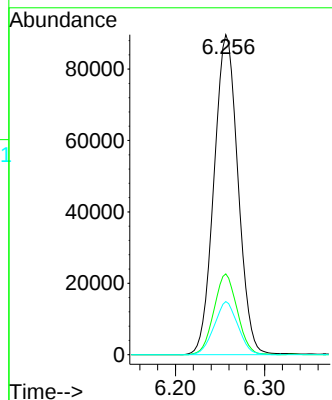
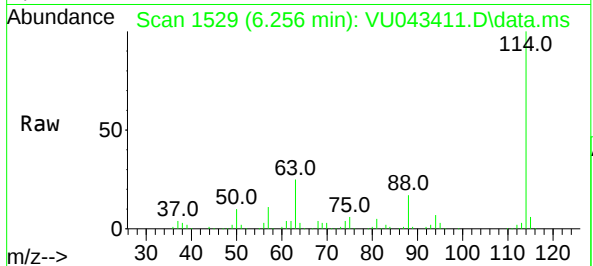




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043411.D
Acq: 29 Apr 2021 01:42

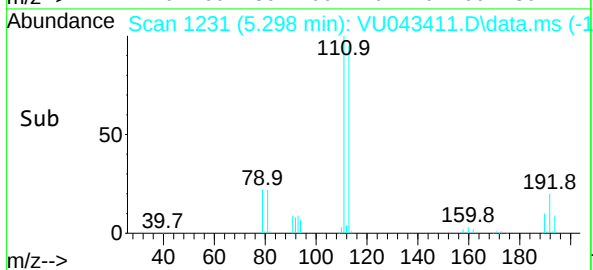
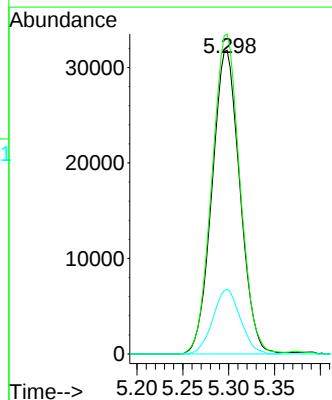
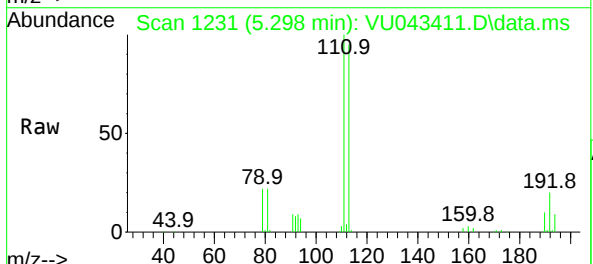
Instrument :
MSVOA_U
ClientSampleId :
MW-4

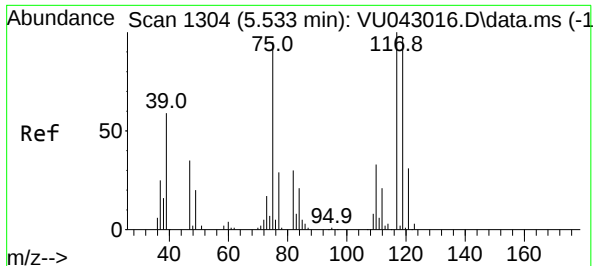
Tgt Ion:114 Resp: 167759
Ion Ratio Lower Upper
114 100
63 25.2 0.0 44.2
88 16.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 53.25 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043411.D
Acq: 29 Apr 2021 01:42

Tgt Ion:113 Resp: 67123
Ion Ratio Lower Upper
113 100
111 106.0 81.8 122.8
192 21.0 17.2 25.8





#36

1,1-Dichloropropene

Concen: 4.90 ug/l

RT: 5.382 min Scan# 1257

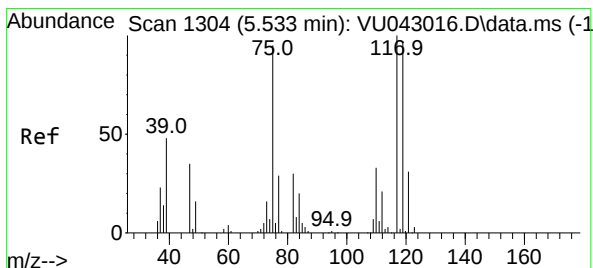
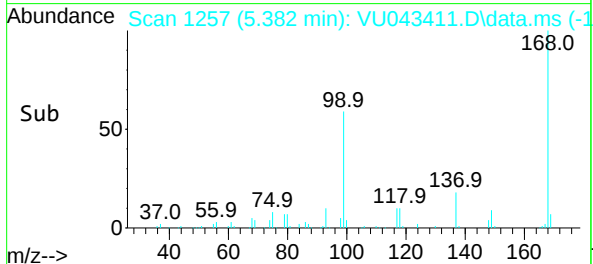
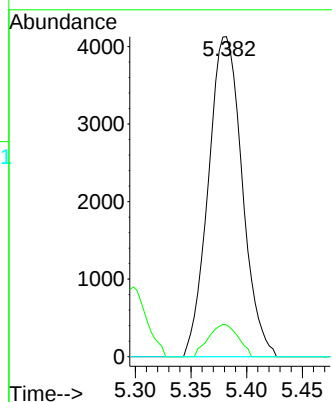
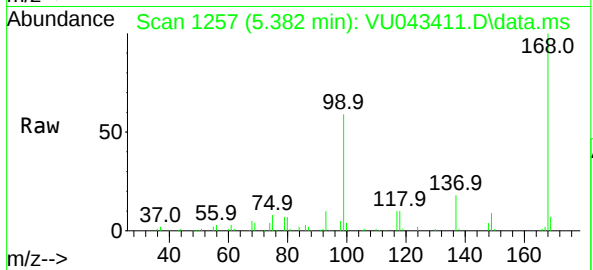
Delta R.T. -0.151 min

Lab File: VU043411.D

Acq: 29 Apr 2021 01:42

Tgt Ion:	75	Resp:	8716
Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.8	50.3#
77	0.0	24.8	37.2#

Instrument :
MSVOA_U
ClientSampleId :
MW-4



#38

Carbon Tetrachloride

Concen: 5.43 ug/l

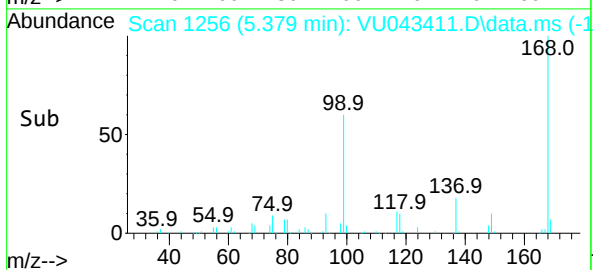
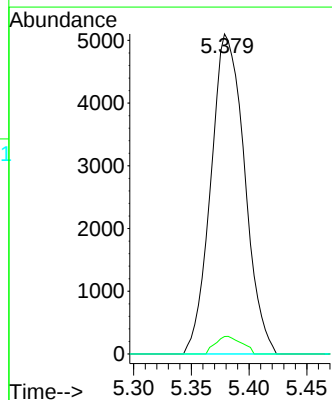
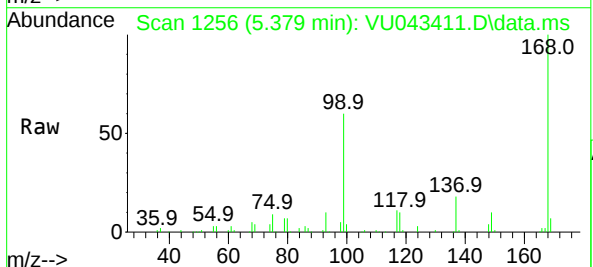
RT: 5.379 min Scan# 1256

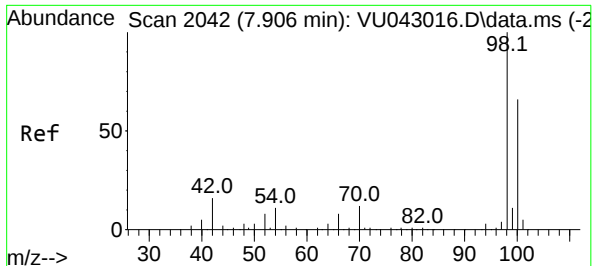
Delta R.T. -0.154 min

Lab File: VU043411.D

Acq: 29 Apr 2021 01:42

Tgt Ion:	117	Resp:	10362
Ion	Ratio	Lower	Upper
117	100		
119	5.4	75.5	113.3#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 51.54 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043411.D

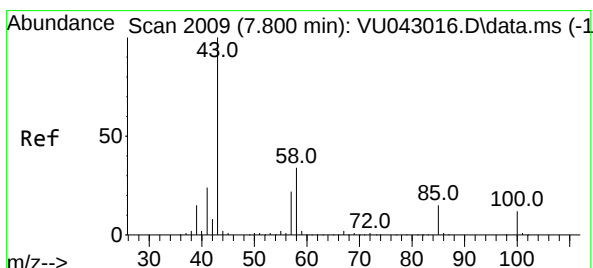
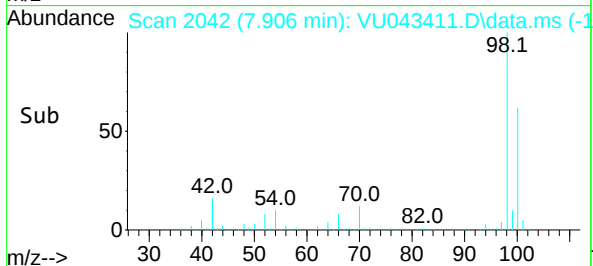
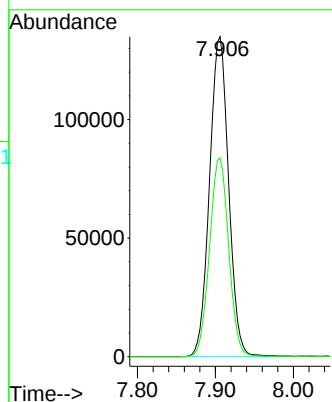
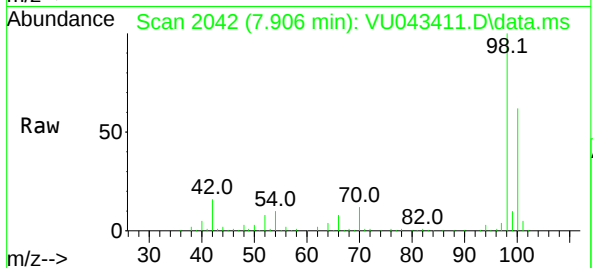
Acq: 29 Apr 2021 01:42

Tgt Ion: 98 Resp: 229878

Ion Ratio Lower Upper

98 100

100 62.4 50.2 75.2



#51

4-Methyl-2-Pentanone

Concen: 0.42 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. 0.106 min

Lab File: VU043411.D

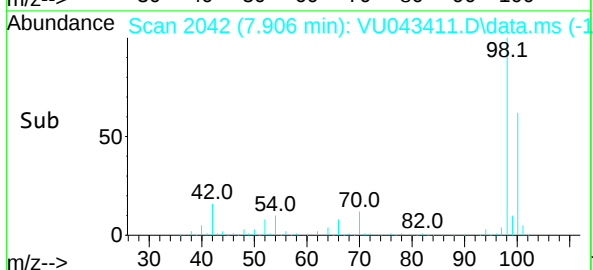
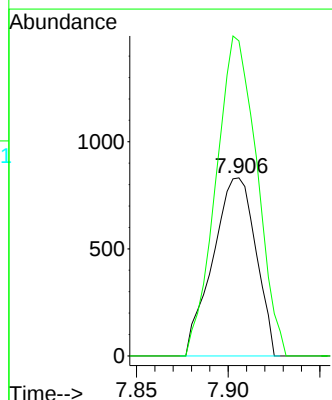
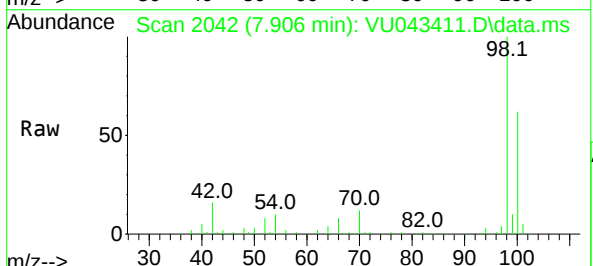
Acq: 29 Apr 2021 01:42

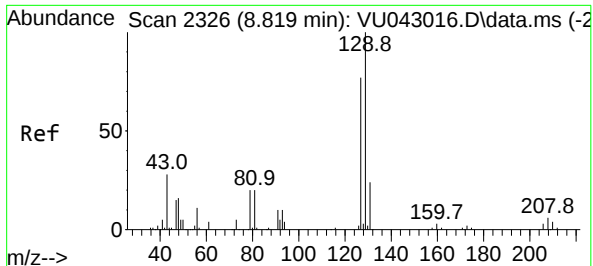
Tgt Ion: 43 Resp: 1355

Ion Ratio Lower Upper

43 100

58 170.8 28.1 42.1#

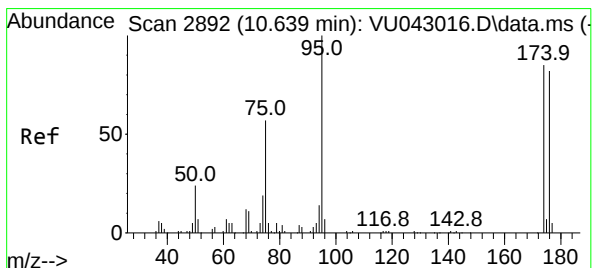
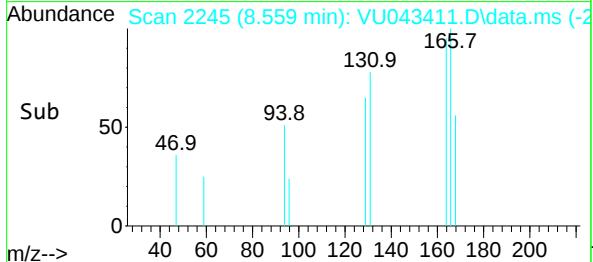
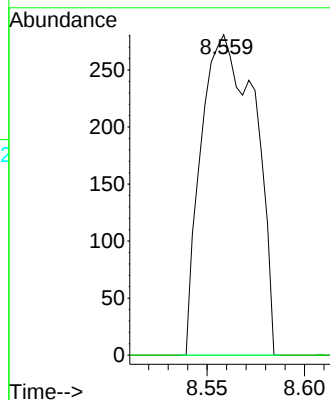
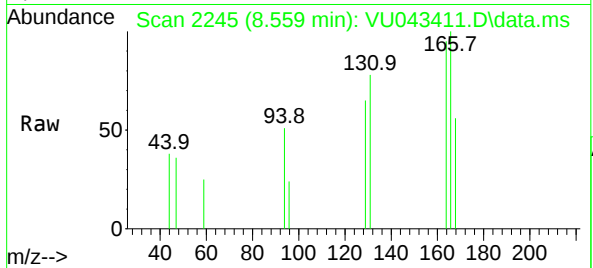




#60
Dibromochloromethane
Concen: 0.34 ug/l
RT: 8.559 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU043411.D
Acq: 29 Apr 2021 01:42

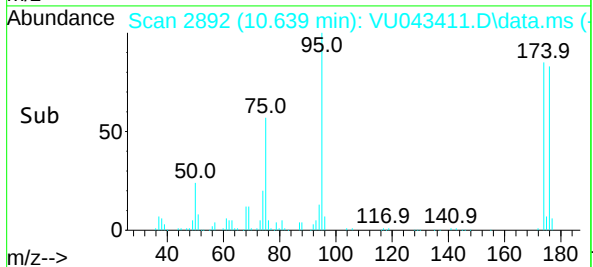
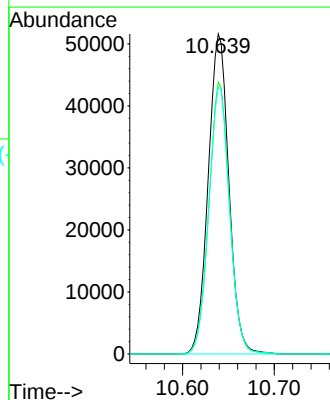
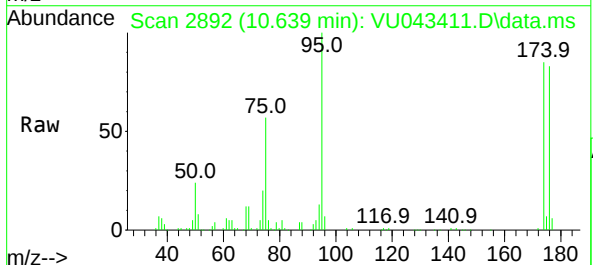
Instrument :
MSVOA_U
ClientSampled :
MW-4

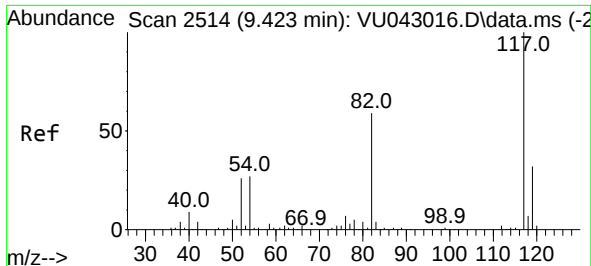
Tgt Ion:129 Resp: 538
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 45.10 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043411.D
Acq: 29 Apr 2021 01:42

Tgt Ion: 95 Resp: 80554
Ion Ratio Lower Upper
95 100
174 85.2 0.0 172.2
176 84.0 0.0 168.8

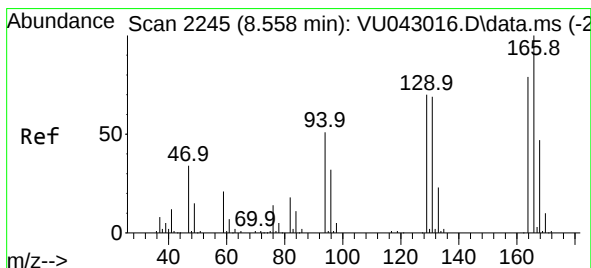
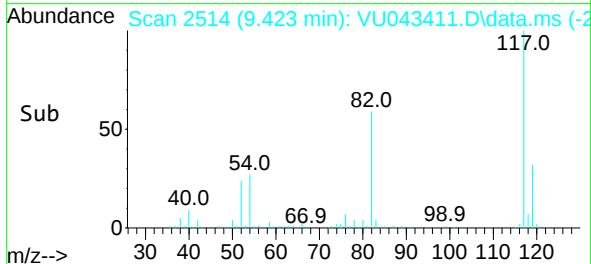
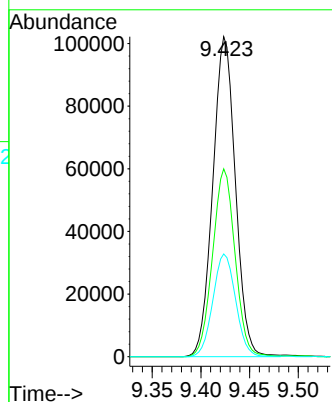
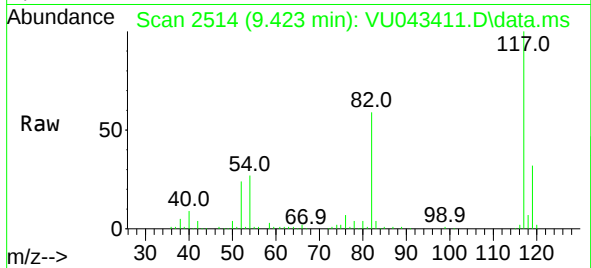




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043411.D
Acq: 29 Apr 2021 01:42

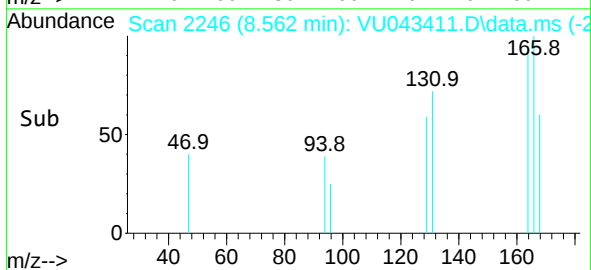
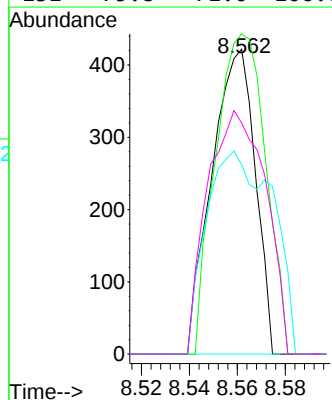
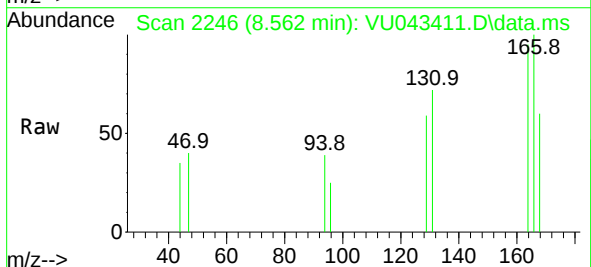
Instrument :
MSVOA_U
ClientSampleId :
MW-4

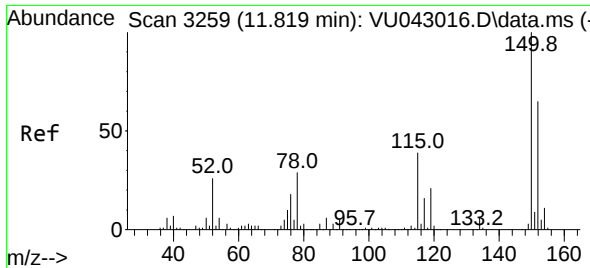
Tgt Ion:117 Resp: 164809
Ion Ratio Lower Upper
117 100
82 58.7 45.8 68.6
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 0.44 ug/l
RT: 8.562 min Scan# 2246
Delta R.T. 0.004 min
Lab File: VU043411.D
Acq: 29 Apr 2021 01:42

Tgt Ion:164 Resp: 529
Ion Ratio Lower Upper
164 100
166 105.0 105.3 157.9#
129 62.1 75.0 112.6#
131 75.8 71.0 106.6

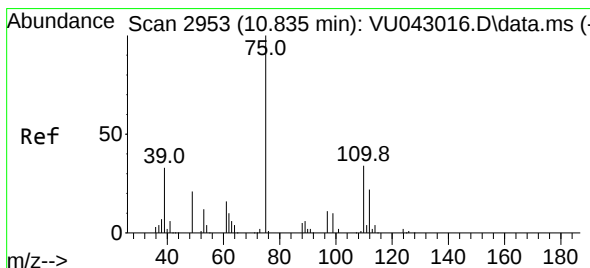
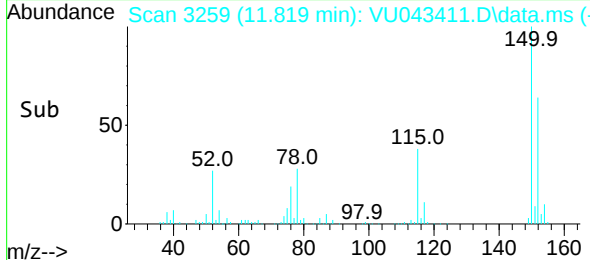
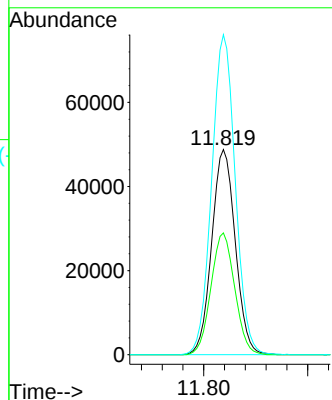
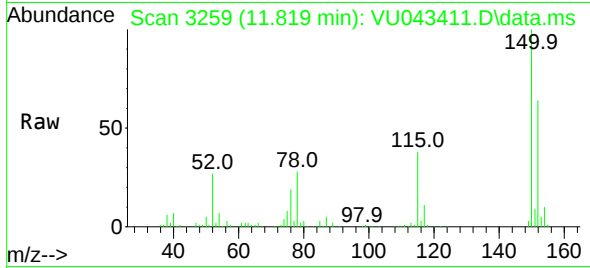




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043411.D
 Acq: 29 Apr 2021 01:42

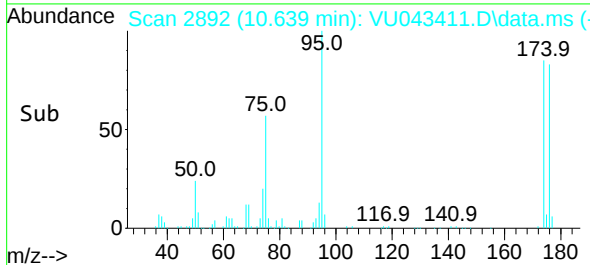
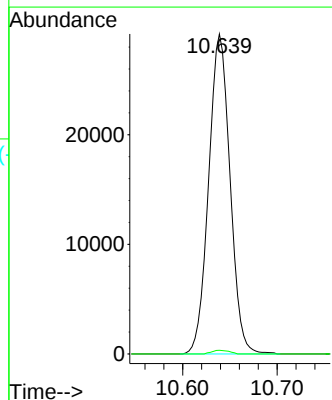
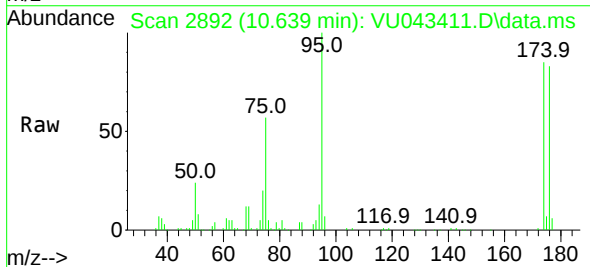
Instrument :
 MSVOA_U
 ClientSampled :
 MW-4

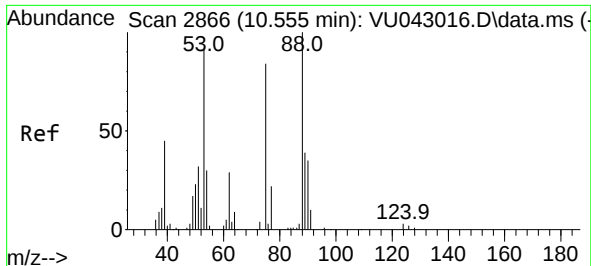
Tgt Ion:152 Resp: 76965
 Ion Ratio Lower Upper
 152 100
 115 59.6 41.5 124.6
 150 155.7 0.0 342.4



#76
 1,2,3-Trichloropropane
 Concen: 20.40 ug/l
 RT: 10.639 min Scan# 2892
 Delta R.T. -0.196 min
 Lab File: VU043411.D
 Acq: 29 Apr 2021 01:42

Tgt Ion: 75 Resp: 45875
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.2 60.5#

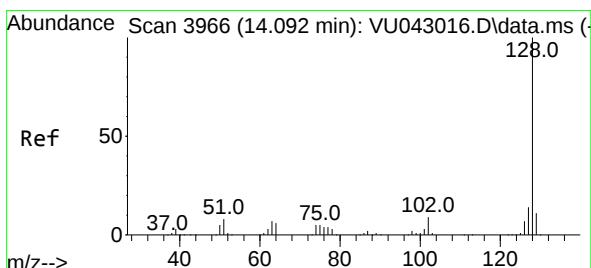
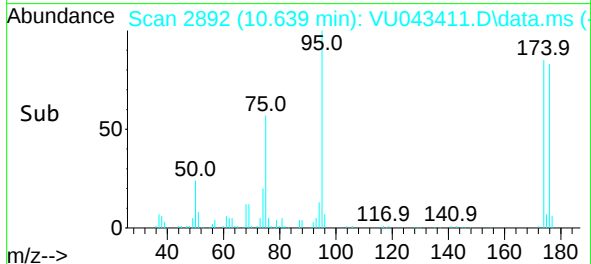
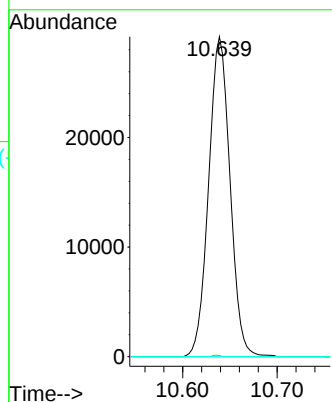
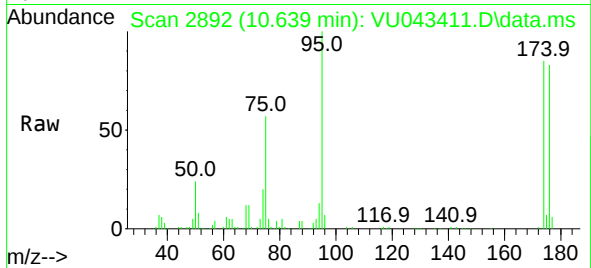




#81
trans-1,4-Dichloro-2-butene
Concen: 59.94 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043411.D
Acq: 29 Apr 2021 01:42

Instrument :
MSVOA_U
ClientSampleId :
MW-4

Tgt Ion: 75 Resp: 45875
Ion Ratio Lower Upper
75 100
53 0.2 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.78 ug/l
RT: 14.099 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043411.D
Acq: 29 Apr 2021 01:42

Tgt Ion: 128 Resp: 258
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

