

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042921\
 Data File : VU043410.D
 Acq On : 29 Apr 2021 01:19
 Operator : SY/MD
 Sample : M2180-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

Quant Time: Apr 29 09:47:31 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)

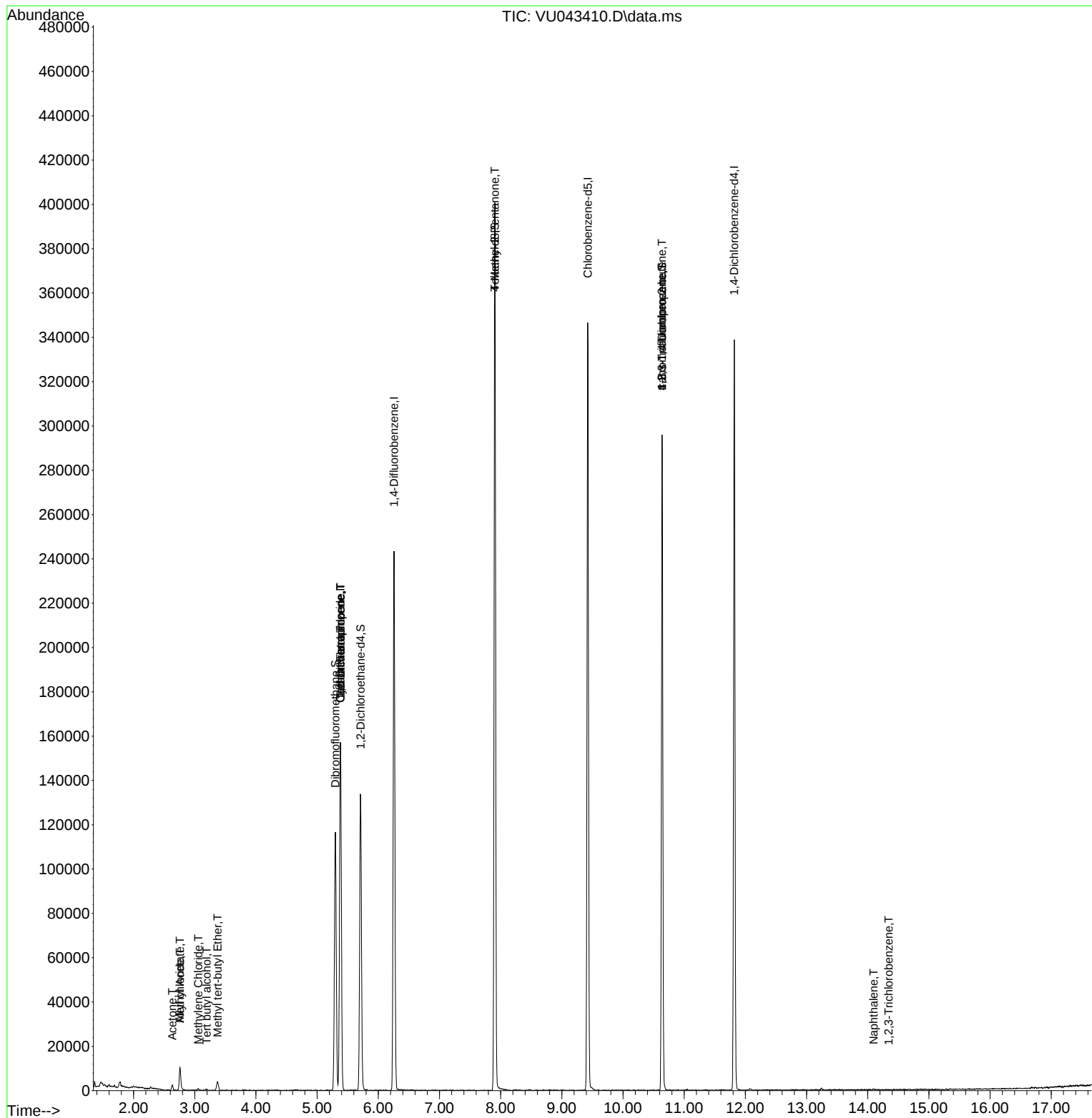
Internal Standards						
1) Pentafluorobenzene	5.382	168	105618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	179932	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	173929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	81922	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	103748	58.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.86%	
35) Dibromofluoromethane	5.298	113	71339	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
50) Toluene-d8	7.906	98	244338	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	10.639	95	85439	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.20%	
Target Compounds					Qvalue	
3) Chloromethane	1.526	50	686	Below Cal		97
11) Tert butyl alcohol	3.195	59	171	0.37 ug/l #		94
14) Allyl chloride	2.758	41	1087	0.45 ug/l #		54
16) Acetone	2.633	43	2562	2.15 ug/l		95
18) Methyl Acetate	2.758	43	2957	1.33 ug/l #		55
19) Methyl tert-butyl Ether	3.372	73	3738	0.96 ug/l		100
20) Methylene Chloride	3.057	84	287	0.23 ug/l #		83
31) Cyclohexane	5.378	56	2928	1.34 ug/l #		29
36) 1,1-Dichloropropene	5.382	75	9149	4.79 ug/l #		49
38) Carbon Tetrachloride	5.378	117	11014	5.38 ug/l #		17
51) 4-Methyl-2-Pentanone	7.906	43	1422	0.41 ug/l #		1
76) 1,2,3-Trichloropropane	10.639	75	49682	20.75 ug/l #		36
81) trans-1,4-Dichloro-2-b...	10.639	75	49682	60.98 ug/l #		7
95) Naphthalene	14.098	128	387	2.80 ug/l #		69
96) 1,2,3-Trichlorobenzene	14.343	180	46	1.48 ug/l #		12

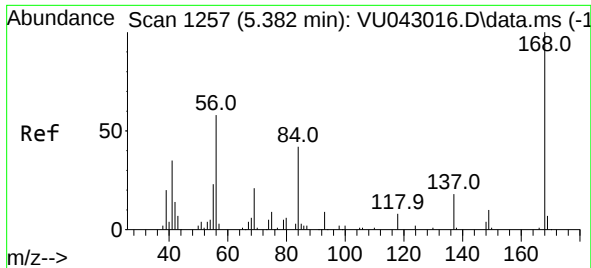
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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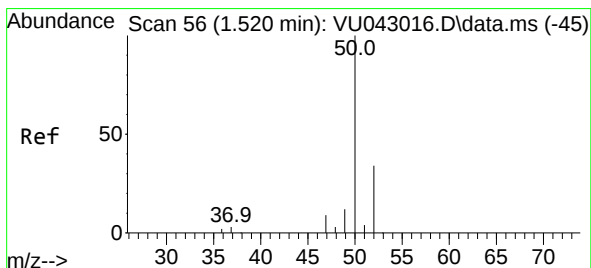
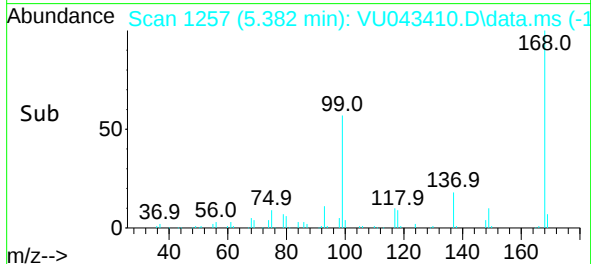
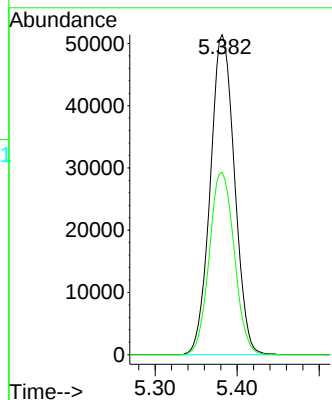
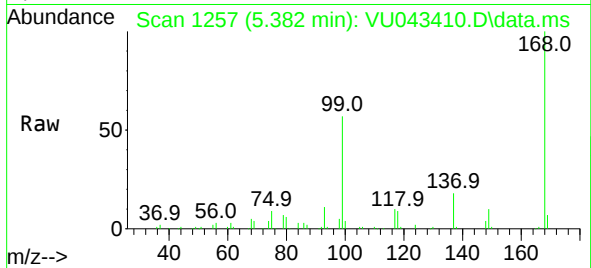




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

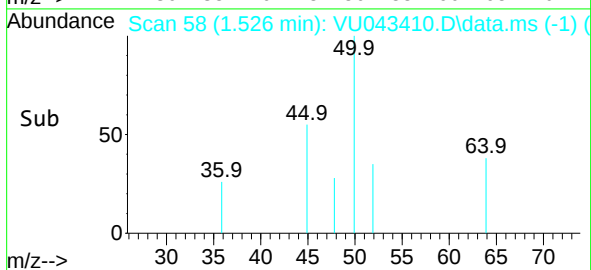
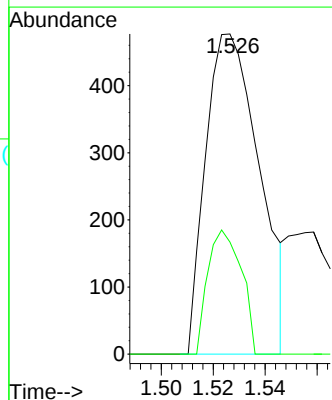
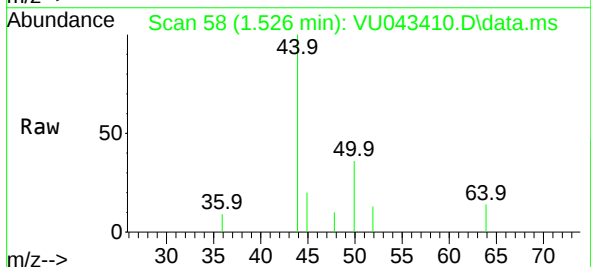
Instrument :
MSVOA_U
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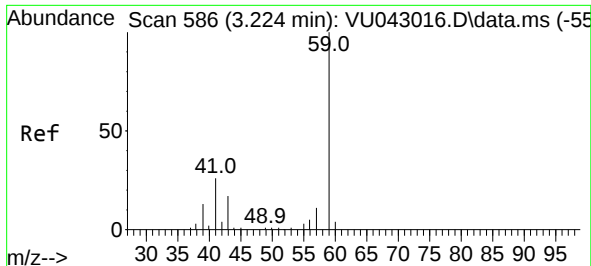
Tgt Ion:168 Resp: 105618
Ion Ratio Lower Upper
168 100
99 57.0 45.0 67.4



#3
Chloromethane
Concen: Below Cal
RT: 1.526 min Scan# 58
Delta R.T. 0.006 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

Tgt Ion: 50 Resp: 686
Ion Ratio Lower Upper
50 100
52 35.0 26.6 40.0

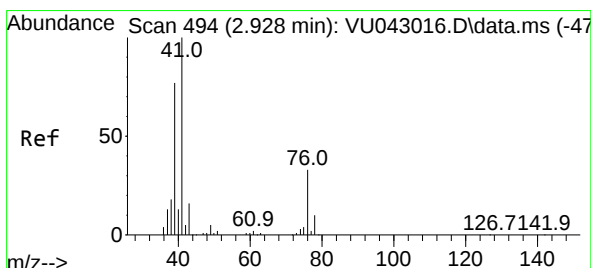
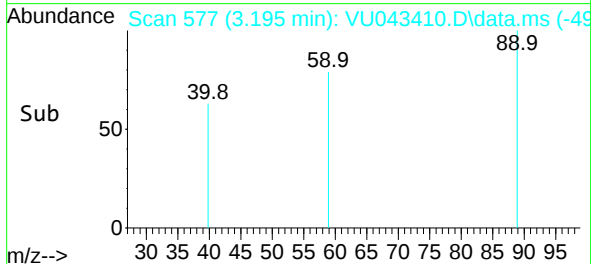
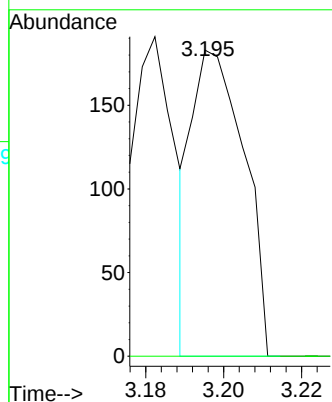
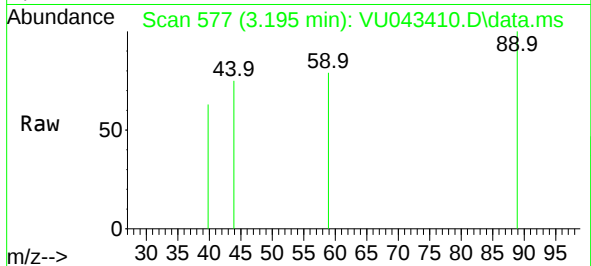




#11
Tert butyl alcohol
Concen: 0.37 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.029 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

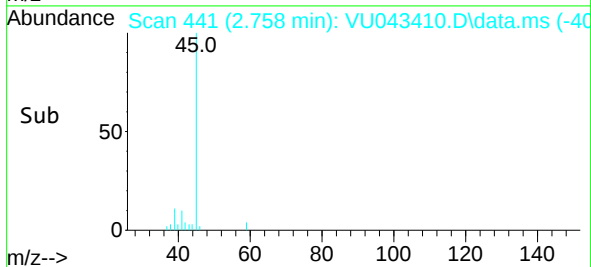
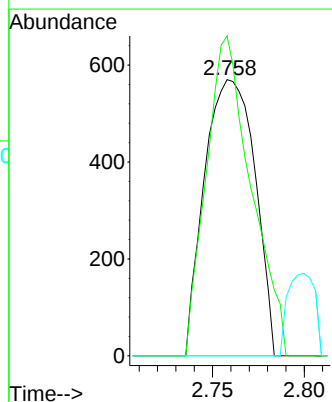
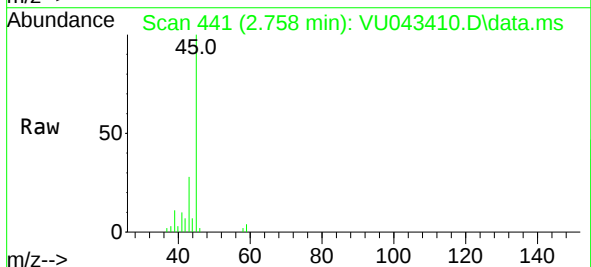
Instrument :
MSVOA_U
ClientSampleId :
MW-3

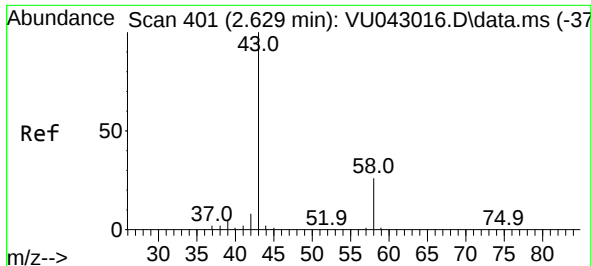
Tgt Ion: 59 Resp: 171
Ion Ratio Lower Upper
59 100
57 0.0 1.6 2.4#



#14
Allyl chloride
Concen: 0.45 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.170 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

Tgt Ion: 41 Resp: 1087
Ion Ratio Lower Upper
41 100
39 102.9 54.9 82.3#
76 0.0 22.5 33.7#

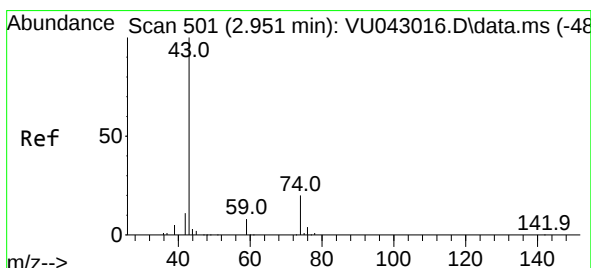
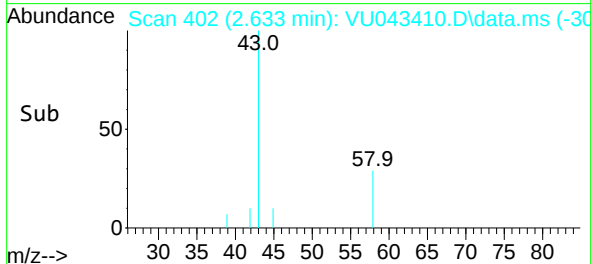
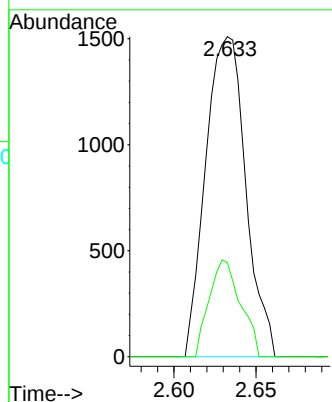
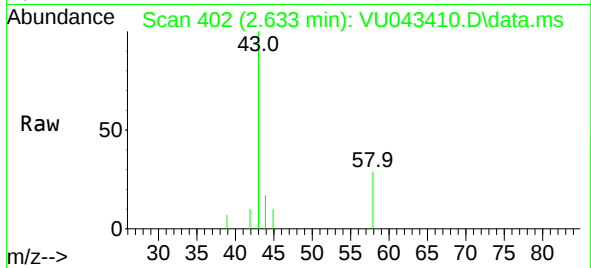




#16
Acetone
Concen: 2.15 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.004 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

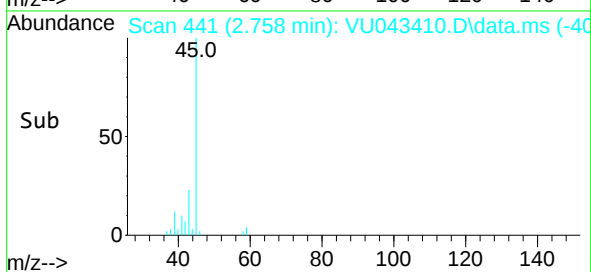
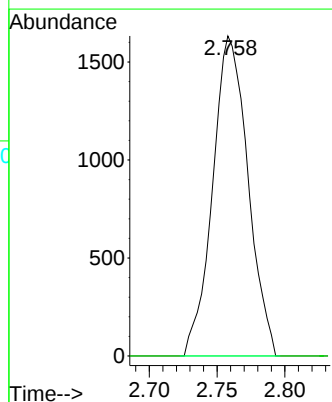
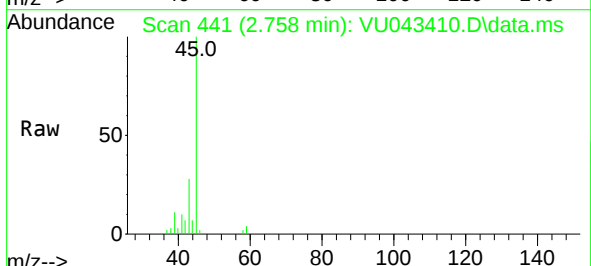
Instrument :
MSVOA_U
ClientSampleId :
MW-3

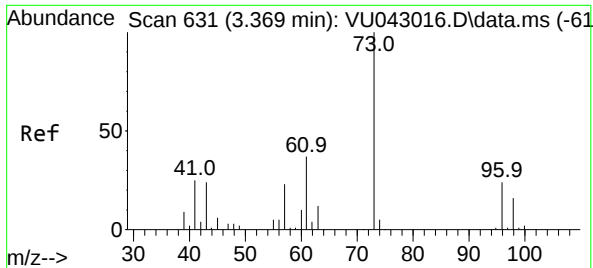
Tgt Ion: 43 Resp: 2562
Ion Ratio Lower Upper
43 100
58 29.4 21.5 32.3



#18
Methyl Acetate
Concen: 1.33 ug/l
RT: 2.758 min Scan# 441
Delta R.T. -0.193 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

Tgt Ion: 43 Resp: 2957
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#

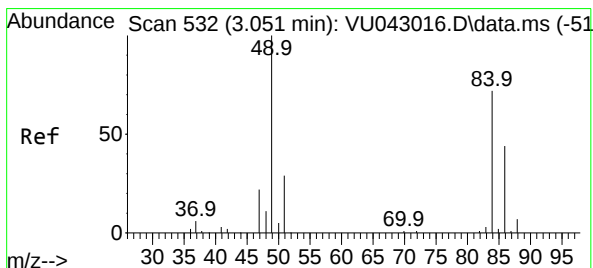
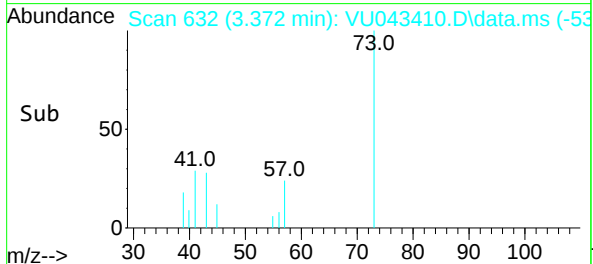
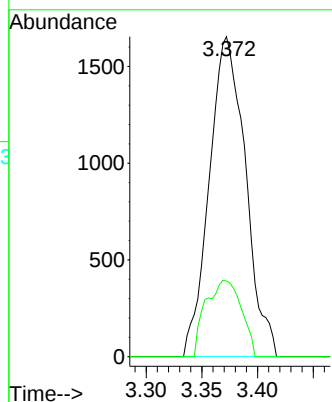
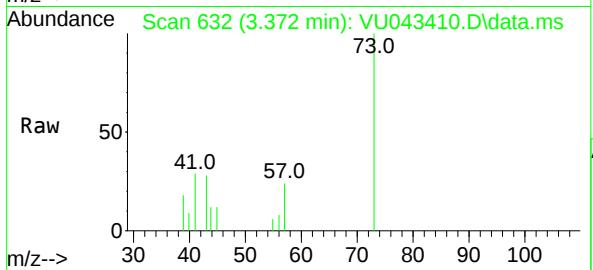




#19
Methyl tert-butyl Ether
Concen: 0.96 ug/l
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

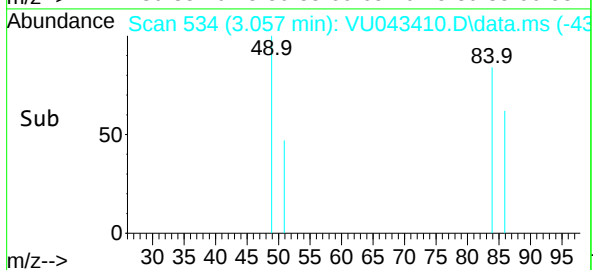
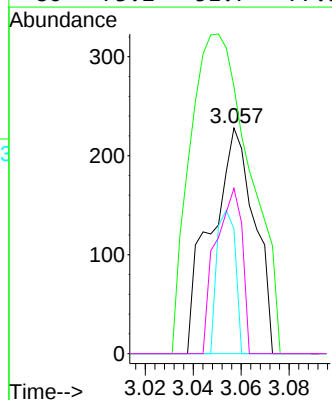
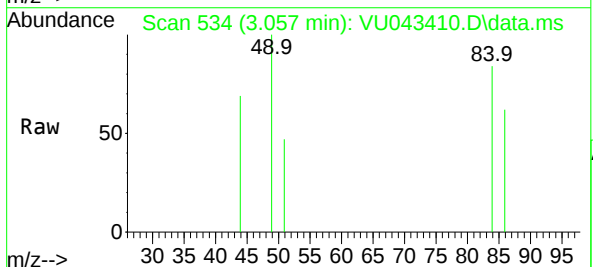
Instrument :
MSVOA_U
ClientSampleId :
MW-3

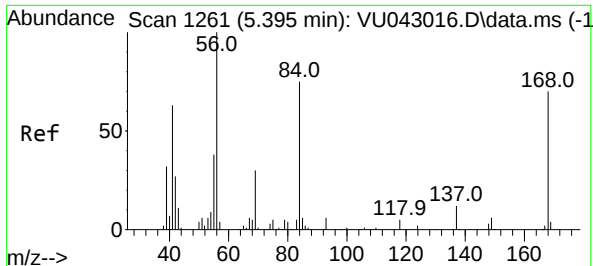
Tgt Ion: 73 Resp: 3738
Ion Ratio Lower Upper
73 100
57 23.6 18.8 28.2



#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.006 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

Tgt Ion: 84 Resp: 287
Ion Ratio Lower Upper
84 100
49 118.4 112.6 169.0
51 55.3 33.7 50.5#
86 73.2 51.7 77.5

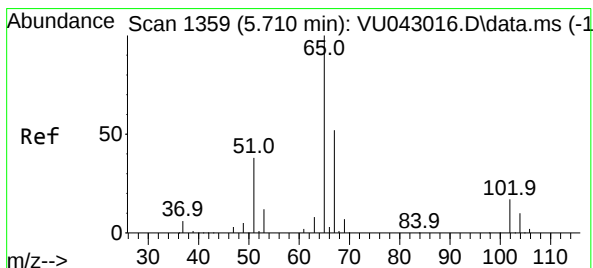
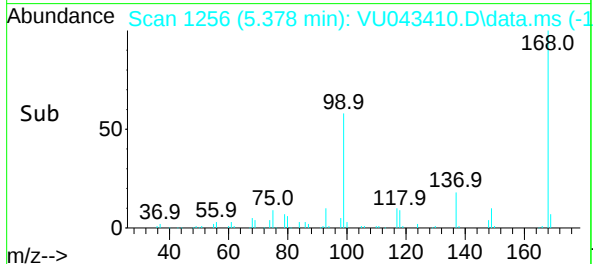
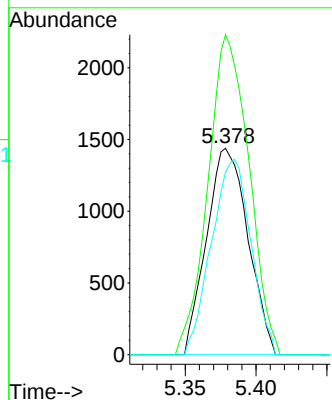
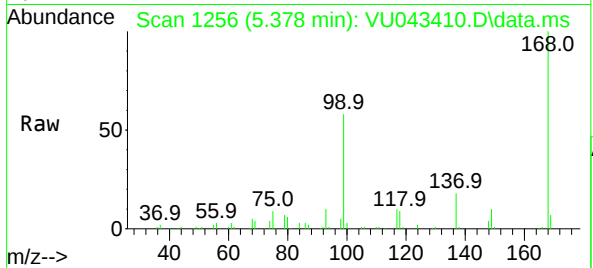




#31
Cyclohexane
Concen: 1.34 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.017 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

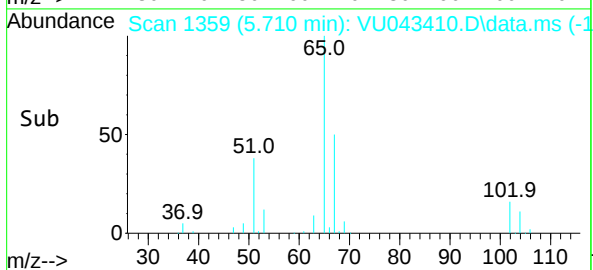
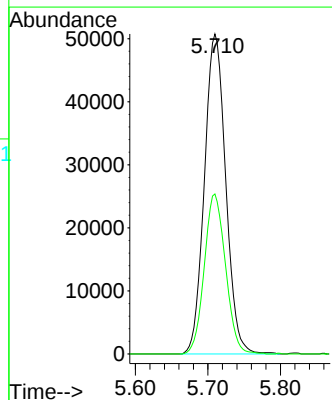
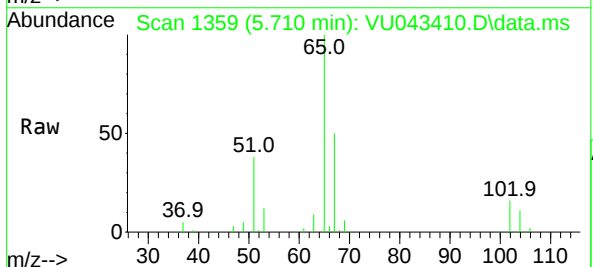
Instrument :
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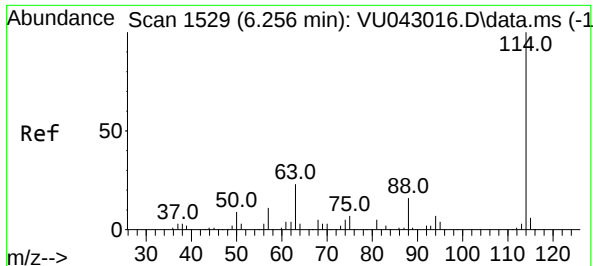
Tgt Ion: 56 Resp: 2928
Ion Ratio Lower Upper
56 100
69 155.0 24.9 37.3#
84 88.5 63.7 95.5



#33
1,2-Dichloroethane-d4
Concen: 58.43 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

Tgt Ion: 65 Resp: 103748
Ion Ratio Lower Upper
65 100
67 49.8 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: VU043410.D

Acq: 29 Apr 2021 01:19

Tgt Ion:114 Resp: 179932

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.2

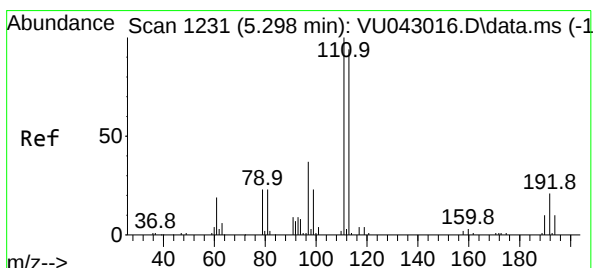
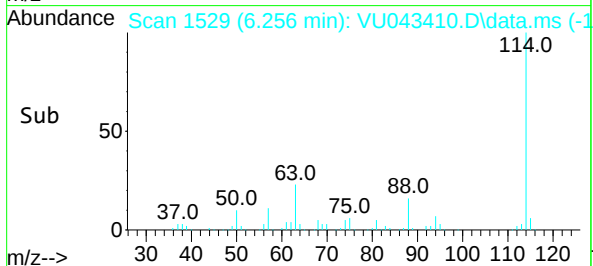
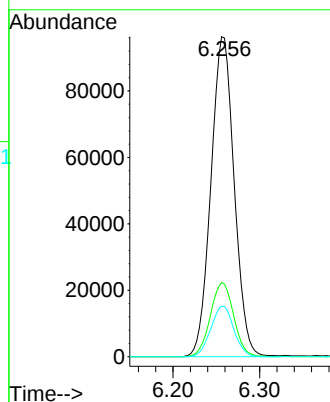
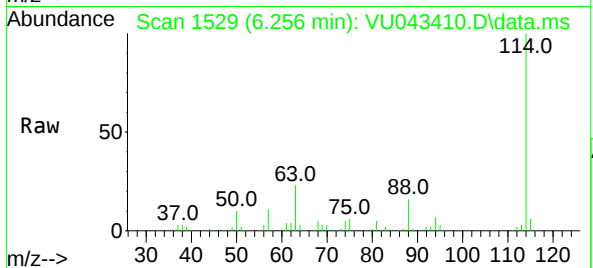
88 15.8 0.0 33.4

Instrument :

MSVOA_U

ClientSampleId :

MW-3



#35

Dibromofluoromethane

Concen: 52.76 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043410.D

Acq: 29 Apr 2021 01:19

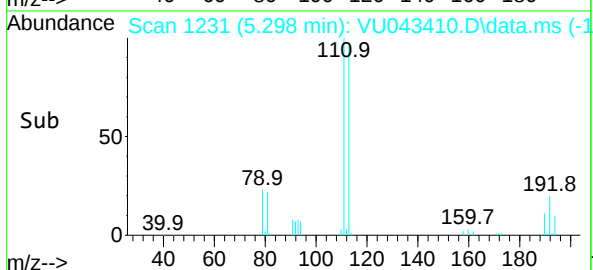
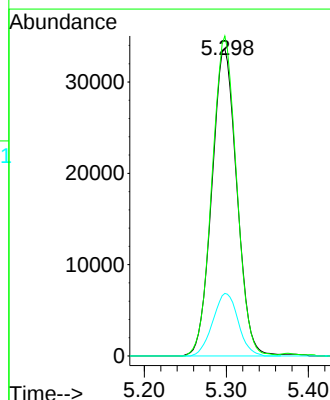
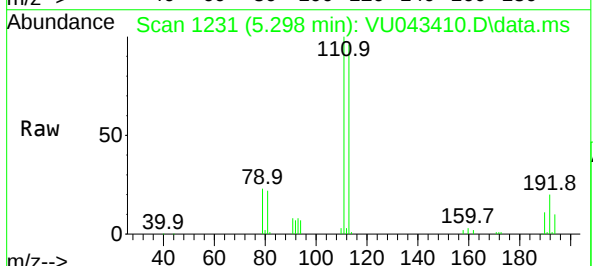
Tgt Ion:113 Resp: 71339

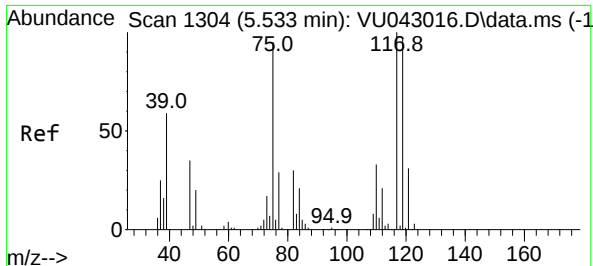
Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

192 20.7 17.2 25.8

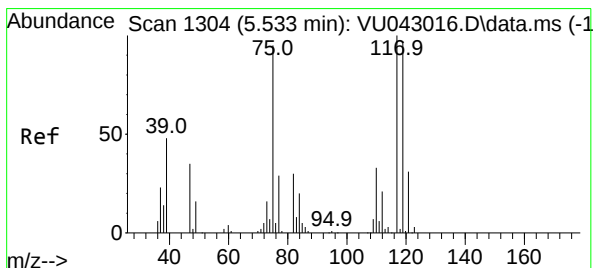
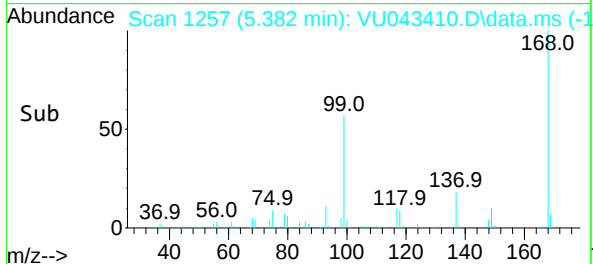
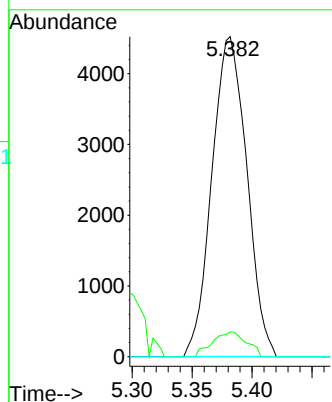
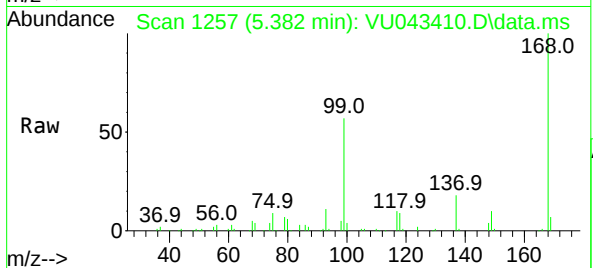




#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.151 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

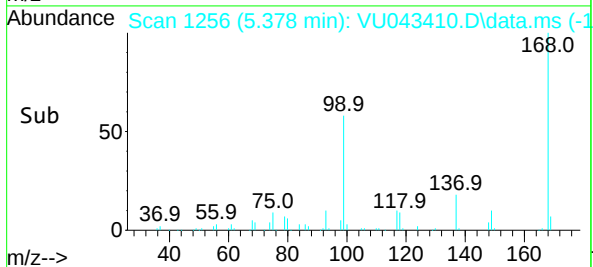
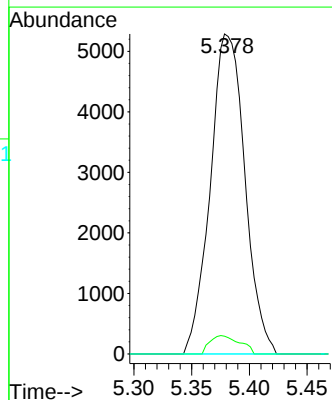
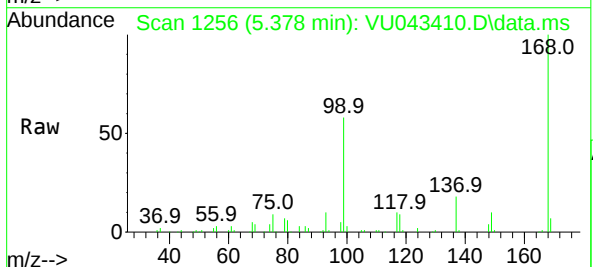
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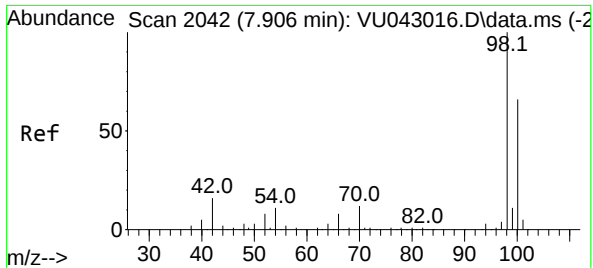
Tgt Ion: 75 Resp: 9149
Ion Ratio Lower Upper
75 100
110 7.6 16.8 50.3#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.38 ug/l
RT: 5.378 min Scan# 1256
Delta R.T. -0.155 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

Tgt Ion: 117 Resp: 11014
Ion Ratio Lower Upper
117 100
119 5.5 75.5 113.3#
121 0.0 24.7 37.1#

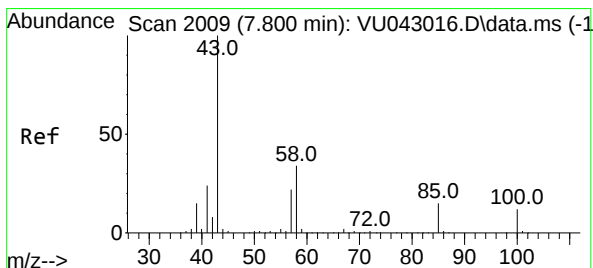
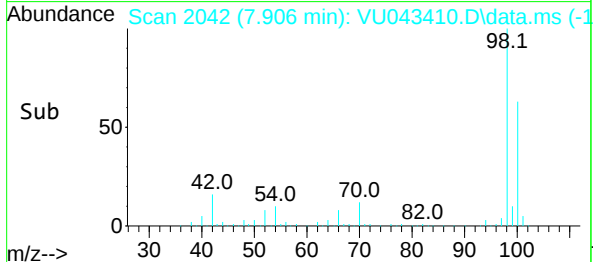
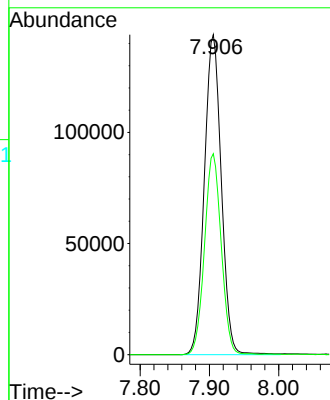
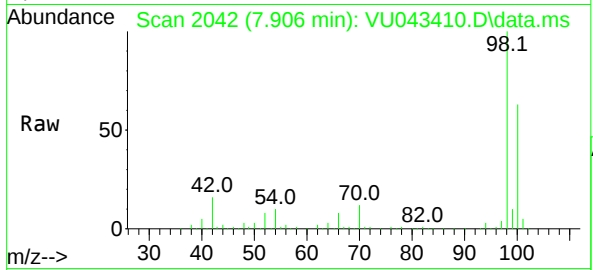




#50
Toluene-d8
Concen: 51.07 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

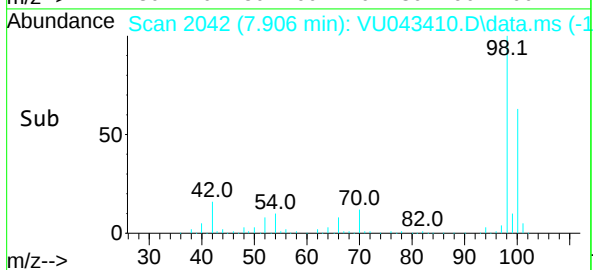
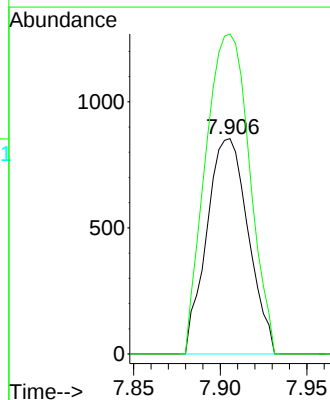
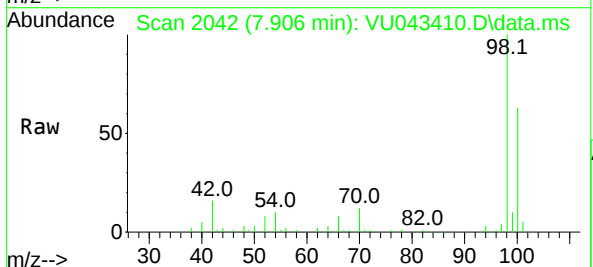
Instrument :
MSVOA_U
ClientSampleId :
MW-3

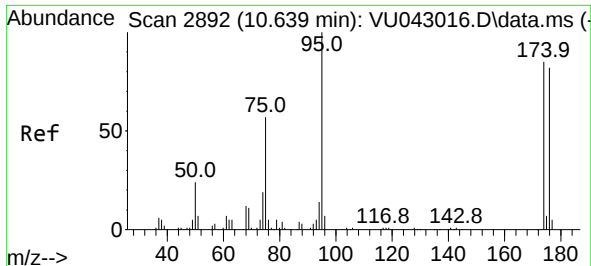
Tgt Ion: 98 Resp: 244338
Ion Ratio Lower Upper
98 100
100 61.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.41 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. 0.106 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

Tgt Ion: 43 Resp: 1422
Ion Ratio Lower Upper
43 100
58 157.7 28.1 42.1#

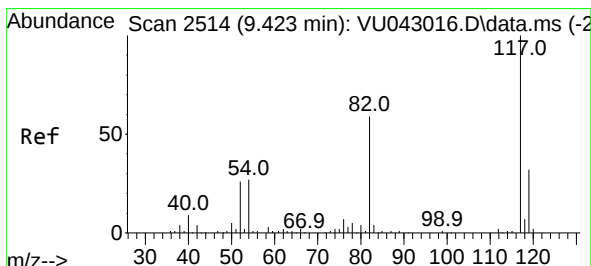
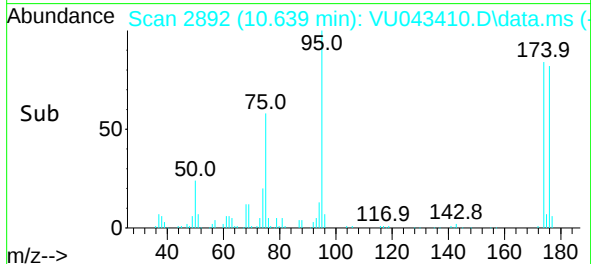
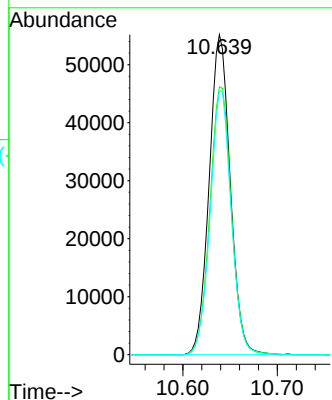
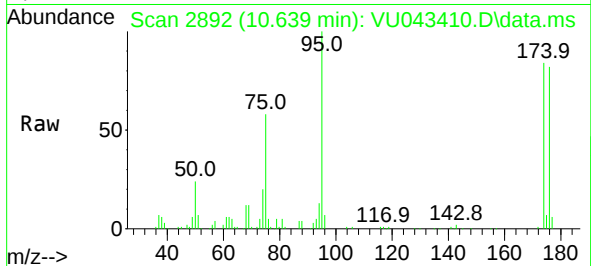




#62
4-Bromofluorobenzene
Concen: 44.60 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

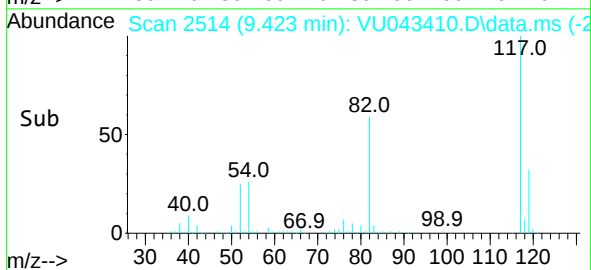
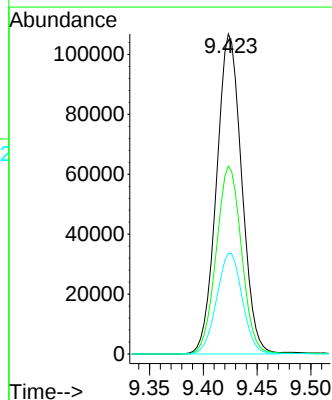
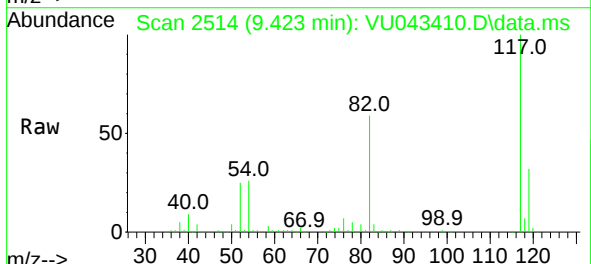
Instrument :
MSVOA_U
ClientSampleId :
MW-3

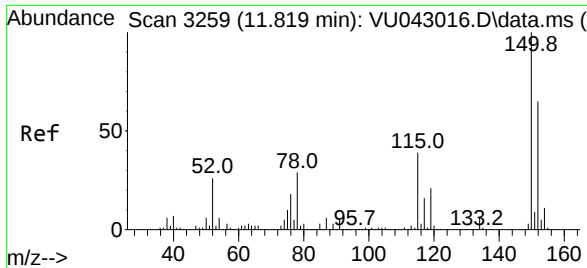
Tgt Ion: 95 Resp: 85439
Ion Ratio Lower Upper
95 100
174 85.9 0.0 172.2
176 82.4 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

Tgt Ion: 117 Resp: 173929
Ion Ratio Lower Upper
117 100
82 58.7 45.8 68.6
119 31.5 25.8 38.8

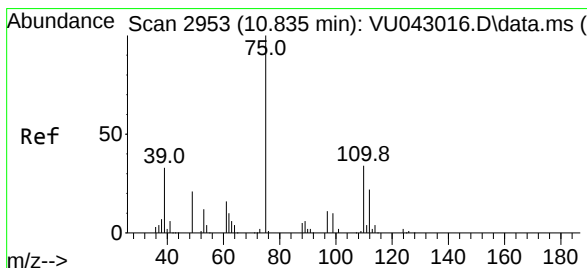
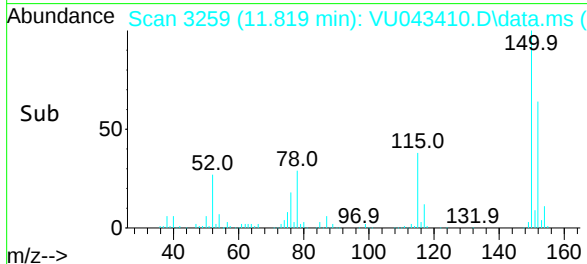
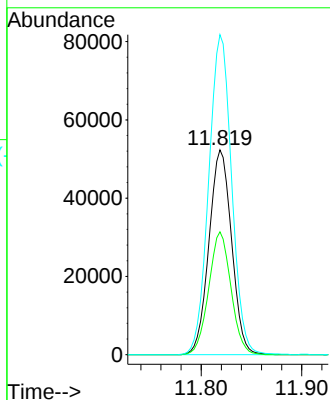
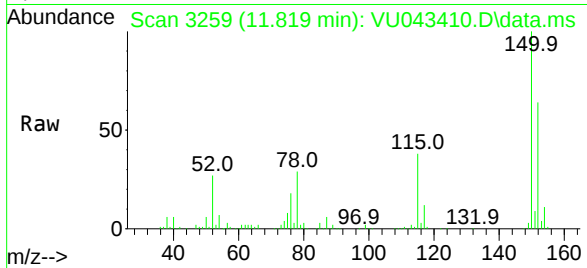




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

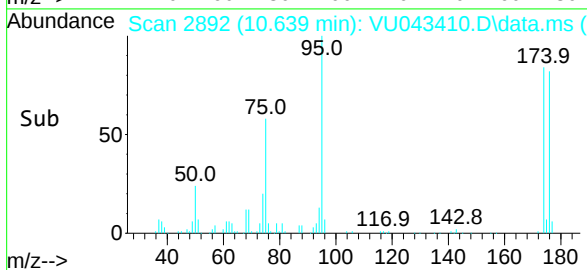
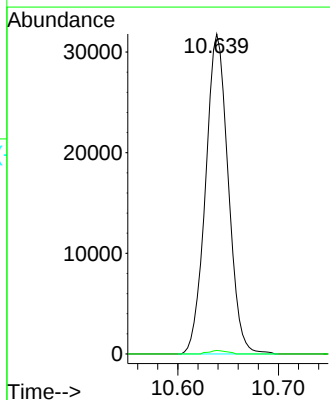
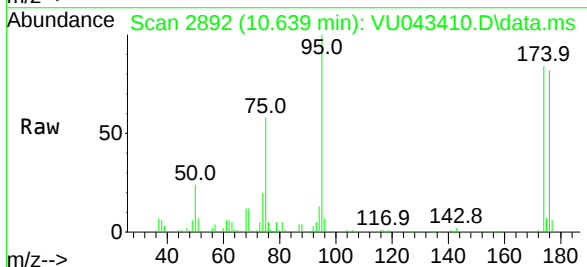
Instrument :
MSVOA_U
ClientSampleId :
MW-3

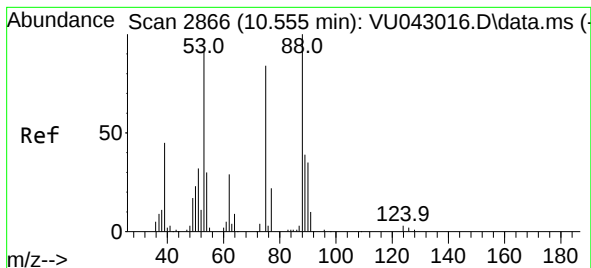
Tgt Ion:152 Resp: 81922
Ion Ratio Lower Upper
152 100
115 58.8 41.5 124.6
150 158.0 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 20.75 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

Tgt Ion: 75 Resp: 49682
Ion Ratio Lower Upper
75 100
77 0.9 20.2 60.5#

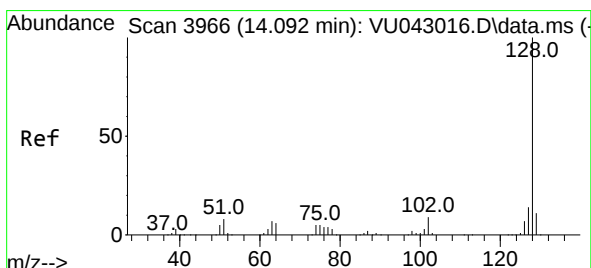
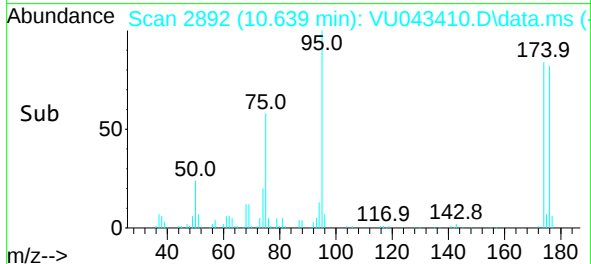
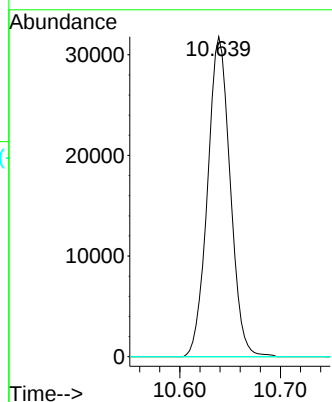
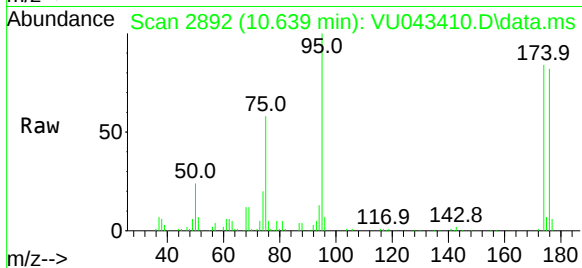




#81
trans-1,4-Dichloro-2-butene
Concen: 60.98 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.084 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

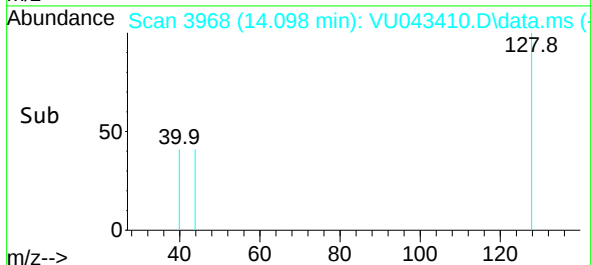
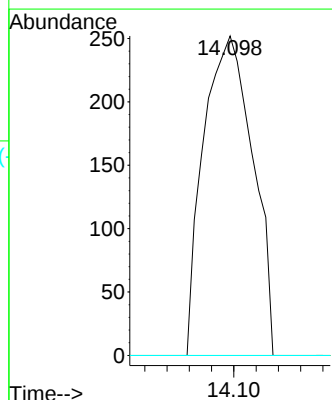
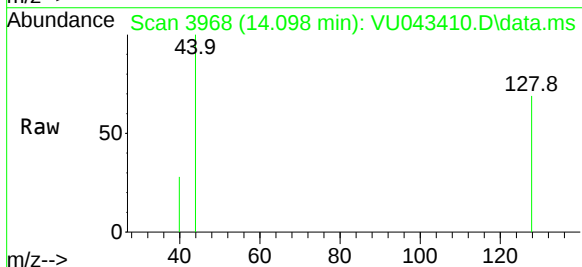
Instrument :
MSVOA_U
ClientSampleId :
MW-3

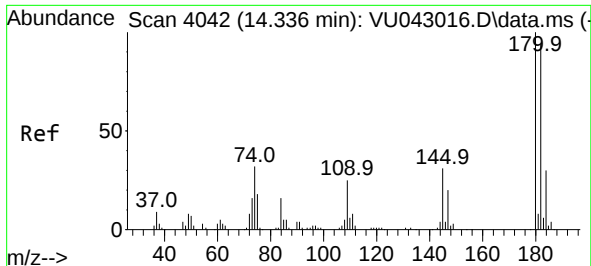
Tgt Ion: 75 Resp: 49682
Ion Ratio Lower Upper
75 100
53 0.0 85.6 128.4#
89 0.0 35.7 53.5#



#95
Naphthalene
Concen: 2.80 ug/l
RT: 14.098 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VU043410.D
Acq: 29 Apr 2021 01:19

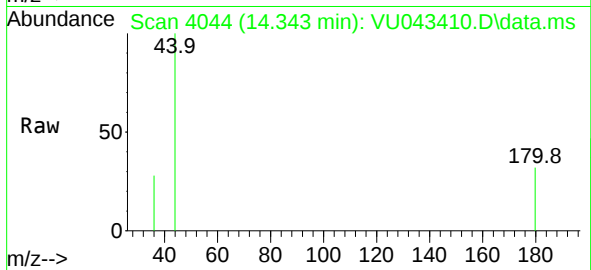
Tgt Ion:128 Resp: 387
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.48 ug/l
 RT: 14.343 min Scan# 4044
 Delta R.T. 0.007 min
 Lab File: VU043410.D
 Acq: 29 Apr 2021 01:19

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3



Tgt Ion:180 Resp: 46
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.0 144.0#
 145 0.0 15.5 46.5#

