

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
 Data File : VU043678.D
 Acq On : 12 May 2021 15:30
 Operator : SY/MD
 Sample : M2322-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-20210505

Quant Time: May 13 01:32:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 09:51:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

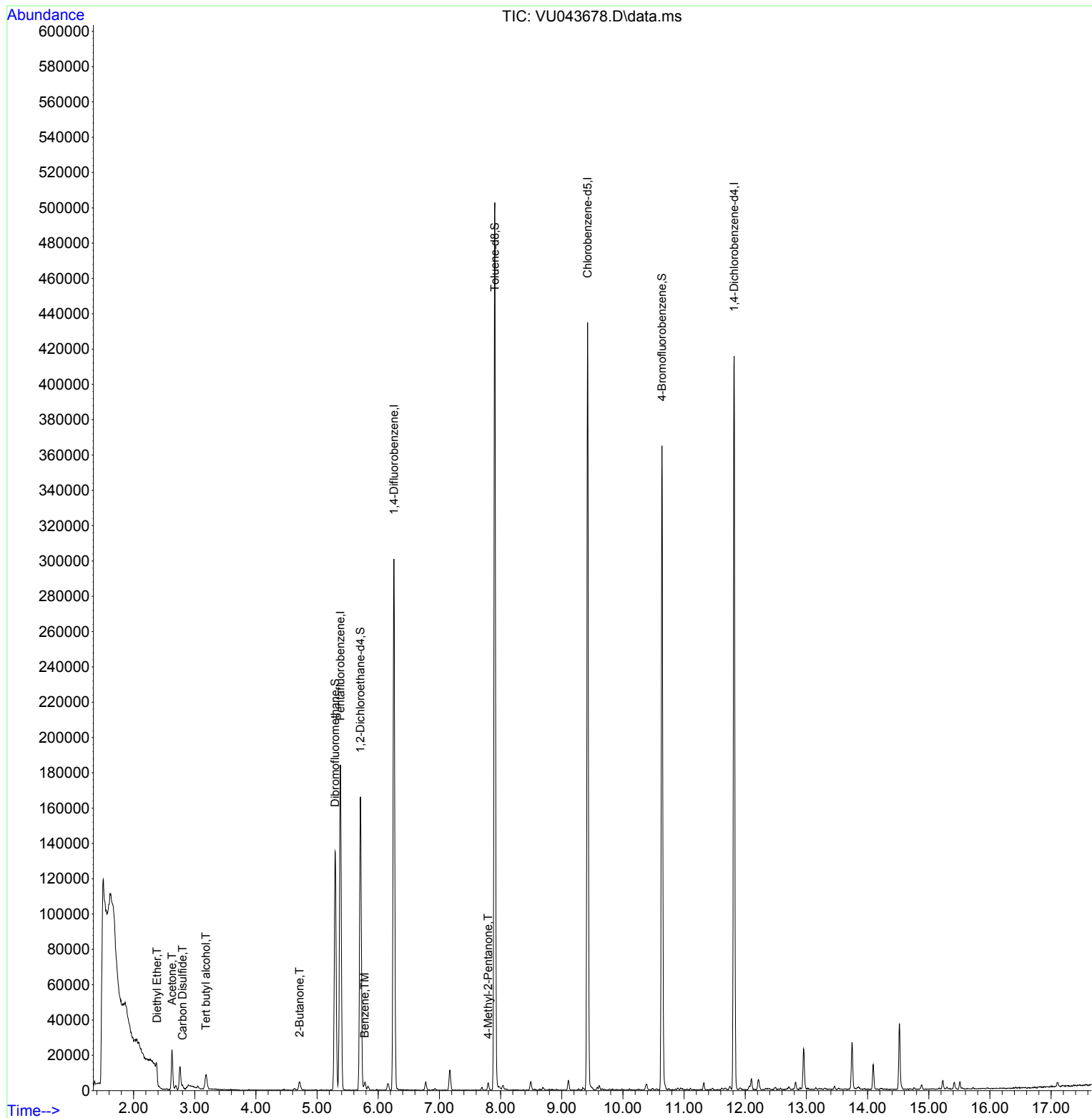
Internal Standards						
1) Pentafluorobenzene	5.382	168	117181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	211884	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	209972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	96541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	125270	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
35) Dibromofluoromethane	5.295	113	85037	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	7.906	98	302297	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	10.639	95	108046	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
Target Compounds						
						Qvalue
8) Diethyl Ether	2.382	74	1640	1.80	ug/l	93
11) Tert butyl alcohol	3.182	59	8145	12.80	ug/l	95
16) Acetone	2.629	43	25214	19.15	ug/l	100
17) Carbon Disulfide	2.800	76	2989	0.69	ug/l	97
25) 2-Butanone	4.713	43	7982	3.93	ug/l	100
40) Benzene	5.780	78	3502	0.49	ug/l	96
51) 4-Methyl-2-Pentanone	7.796	43	3144	19.78	ug/l	94

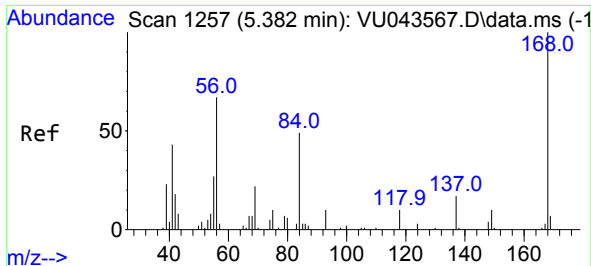
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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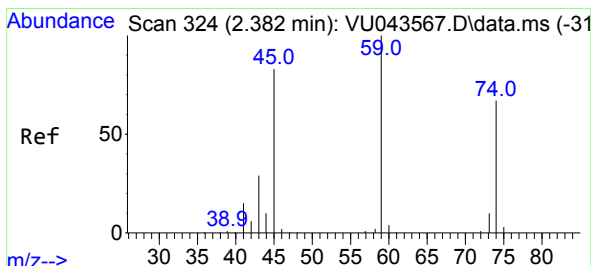
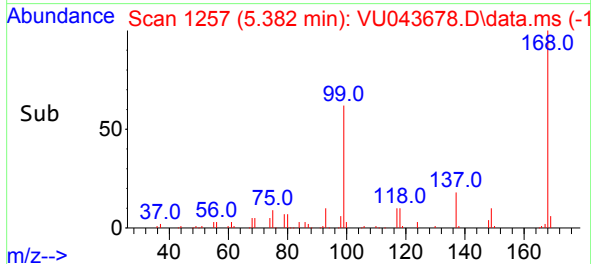
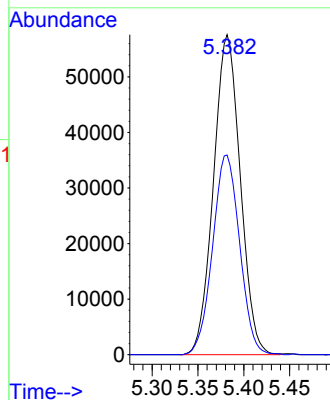
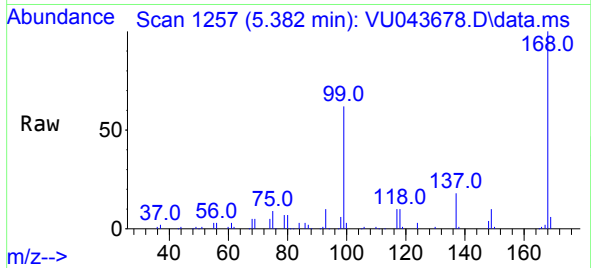




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043678.D
Acq: 12 May 2021 15:30

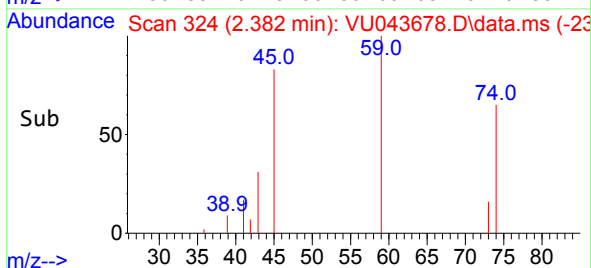
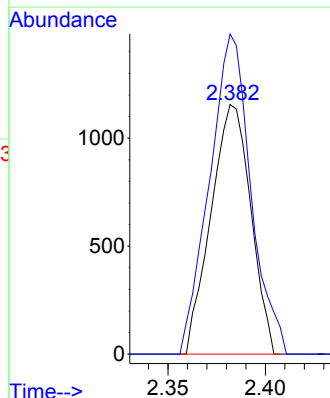
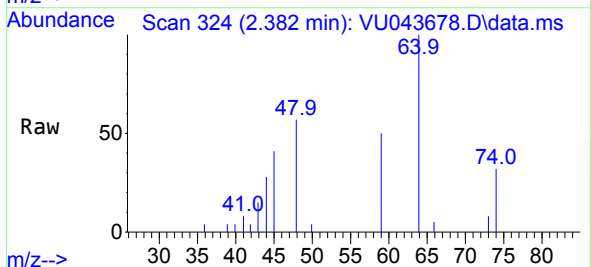
Instrument :
MSVOA_U
ClientSampleId :
MW-1-20210505

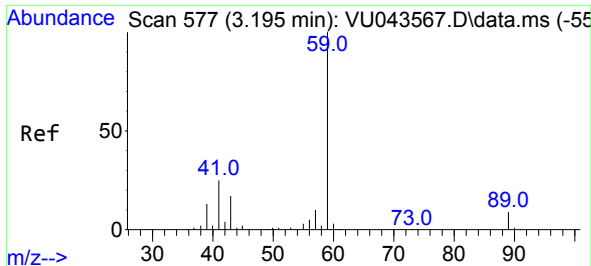
Tgt Ion:168 Resp: 117181
Ion Ratio Lower Upper
168 100
99 62.4 49.0 73.6



#8
Diethyl Ether
Concen: 1.80 ug/l
RT: 2.382 min Scan# 324
Delta R.T. 0.000 min
Lab File: VU043678.D
Acq: 12 May 2021 15:30

Tgt Ion: 74 Resp: 1640
Ion Ratio Lower Upper
74 100
45 133.0 62.6 187.8

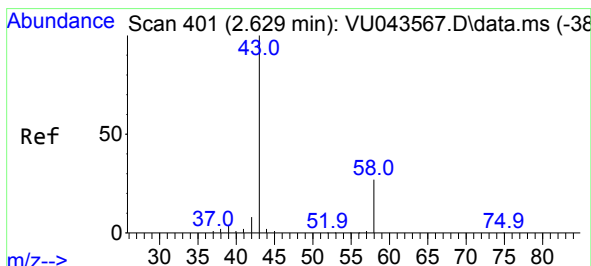
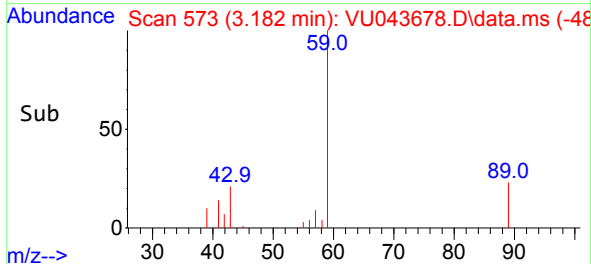
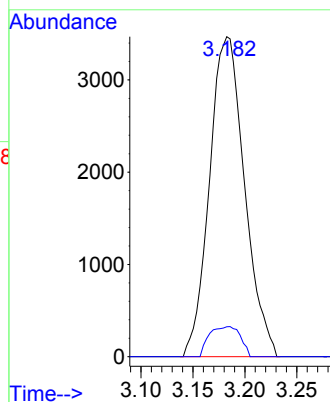
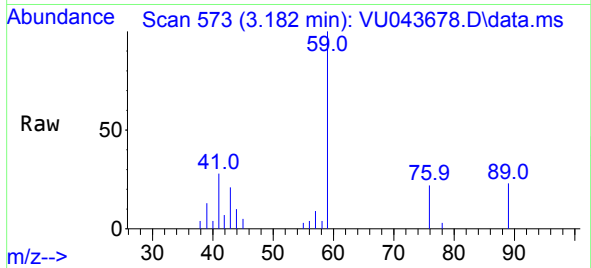




#11
Tert butyl alcohol
Concen: 12.80 ug/l
RT: 3.182 min Scan# 573
Delta R.T. -0.013 min
Lab File: VU043678.D
Acq: 12 May 2021 15:30

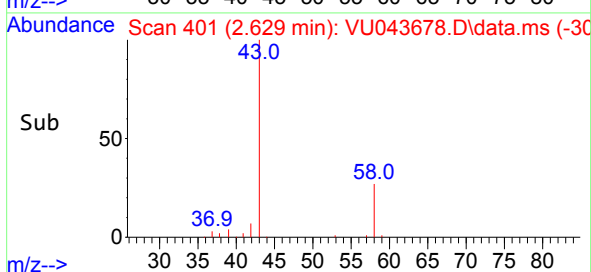
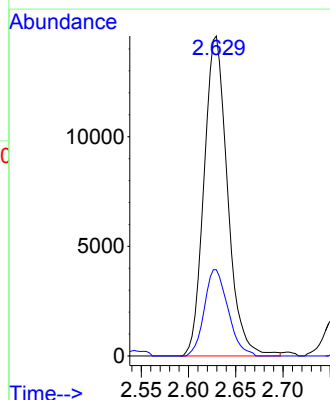
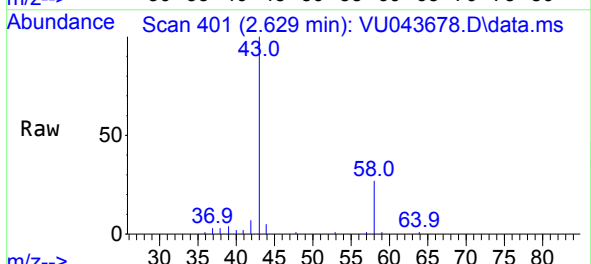
Instrument :
MSVOA_U
ClientSampleId :
MW-1-20210505

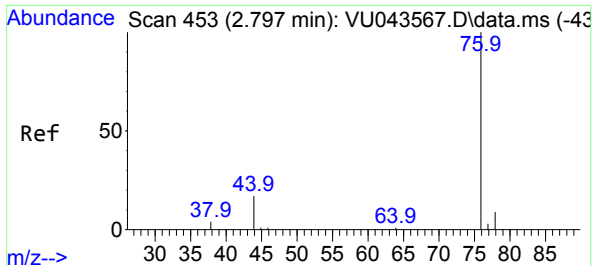
Tgt Ion: 59 Resp: 8145
Ion Ratio Lower Upper
59 100
57 8.3 8.0 12.0



#16
Acetone
Concen: 19.15 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043678.D
Acq: 12 May 2021 15:30

Tgt Ion: 43 Resp: 25214
Ion Ratio Lower Upper
43 100
58 26.9 21.7 32.5

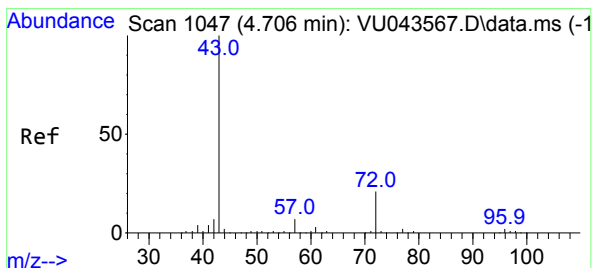
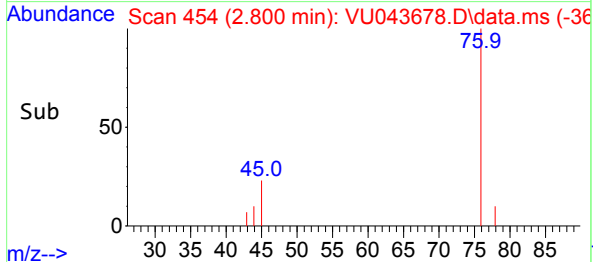
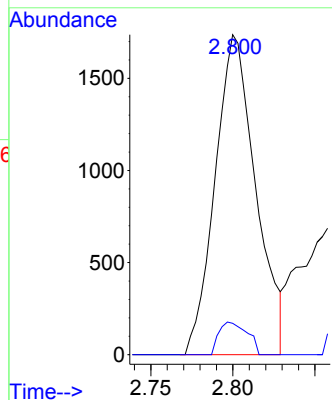
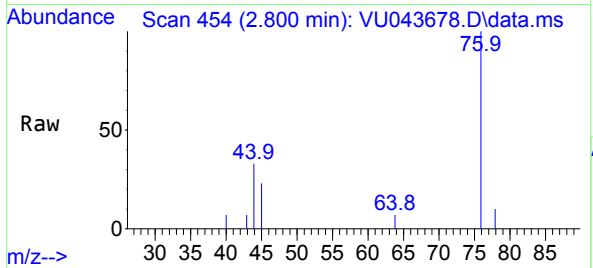




#17
Carbon Disulfide
Concen: 0.69 ug/l
RT: 2.800 min Scan# 454
Delta R.T. 0.003 min
Lab File: VU043678.D
Acq: 12 May 2021 15:30

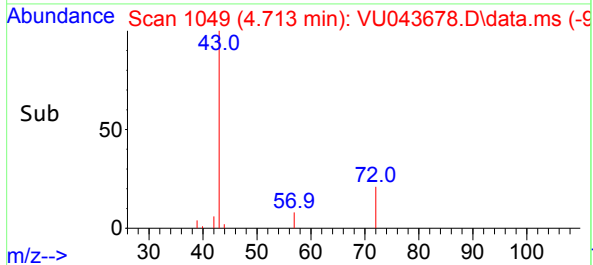
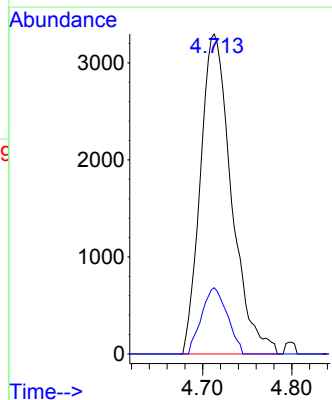
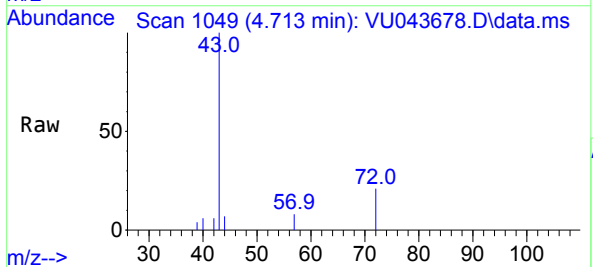
Instrument :
MSVOA_U
ClientSampleId :
MW-1-20210505

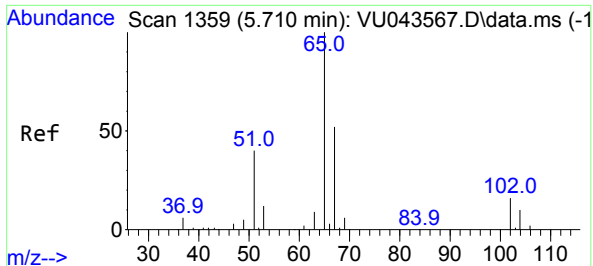
Tgt Ion: 76 Resp: 2989
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6



#25
2-Butanone
Concen: 3.93 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU043678.D
Acq: 12 May 2021 15:30

Tgt Ion: 43 Resp: 7982
Ion Ratio Lower Upper
43 100
72 20.7 16.5 24.7

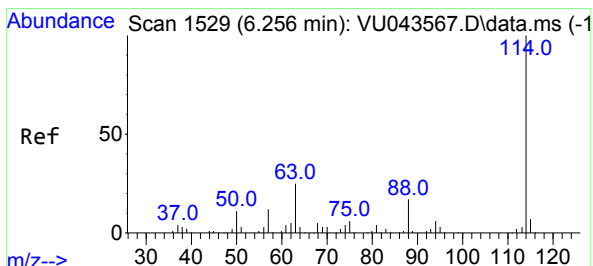
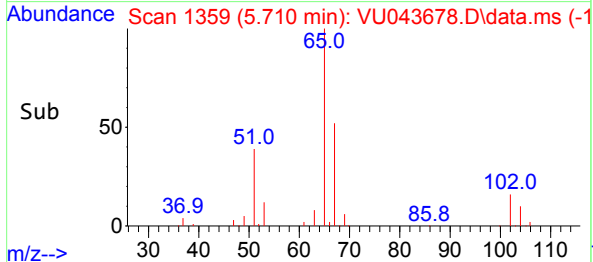
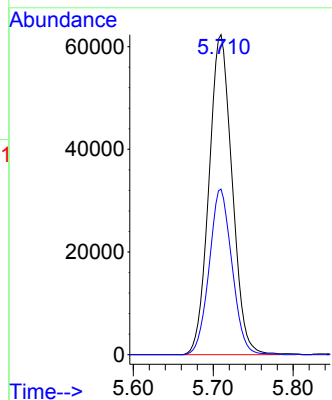
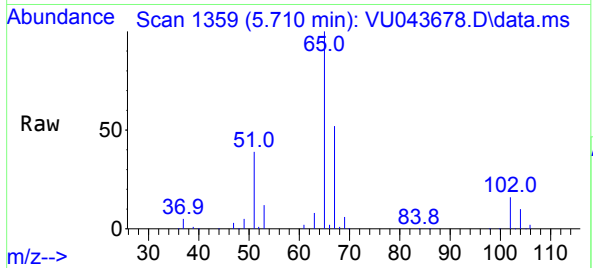




#33
1,2-Dichloroethane-d4
Concen: 51.68 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043678.D
Acq: 12 May 2021 15:30

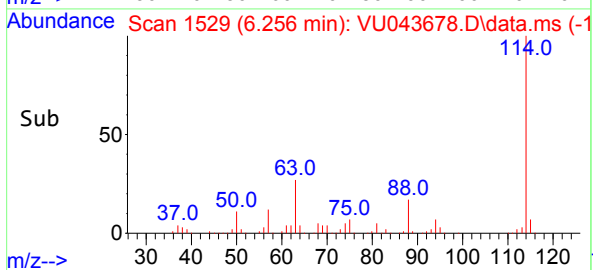
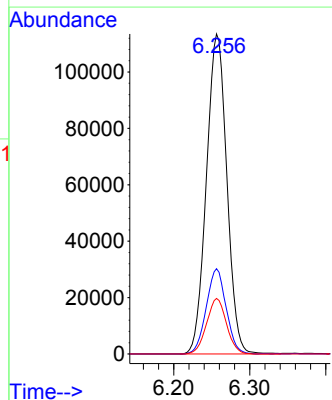
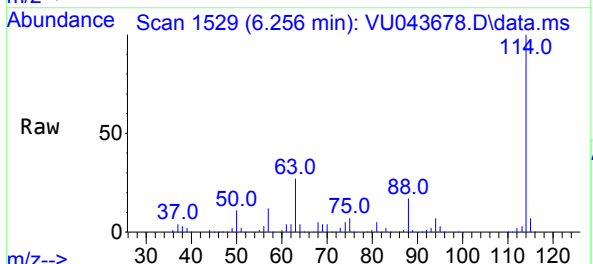
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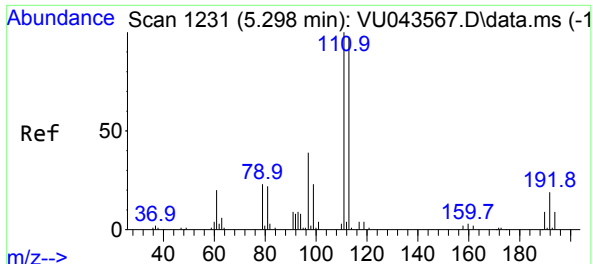
Tgt Ion: 65 Resp: 125270
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043678.D
Acq: 12 May 2021 15:30

Tgt Ion: 114 Resp: 211884
Ion Ratio Lower Upper
114 100
63 26.6 0.0 50.2
88 17.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.63 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. -0.003 min

Lab File: VU043678.D

Acq: 12 May 2021 15:30

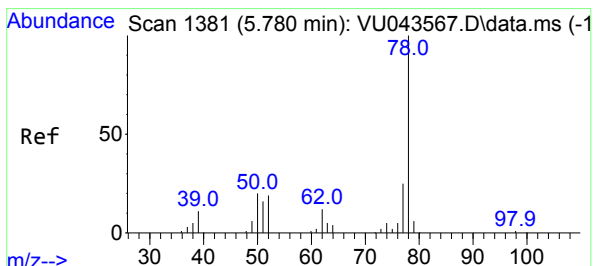
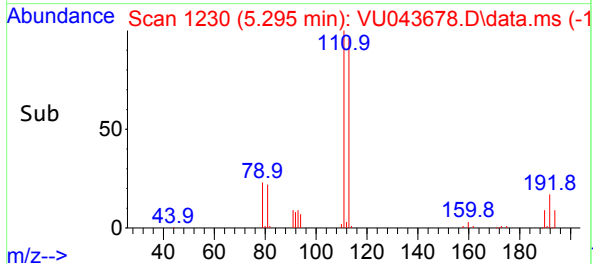
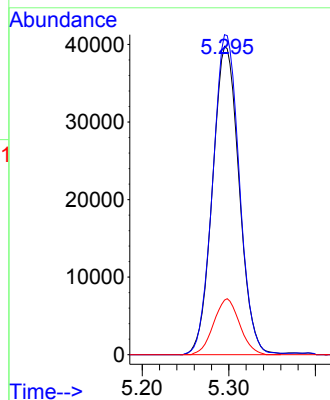
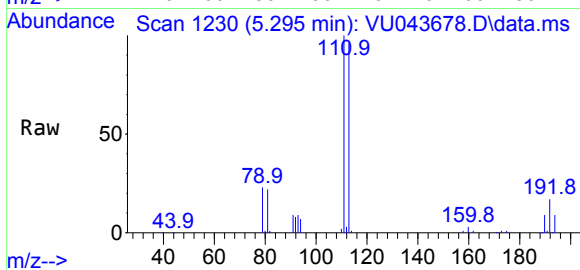
Tgt Ion:113 Resp: 85037

Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

192 17.7 15.8 23.6



#40

Benzene

Concen: 0.49 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VU043678.D

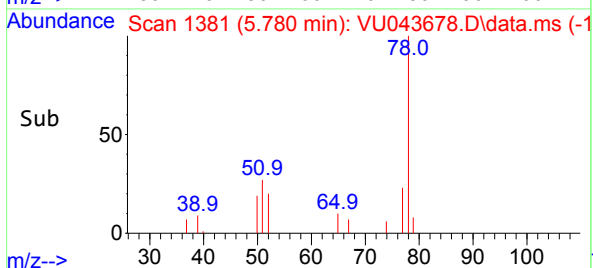
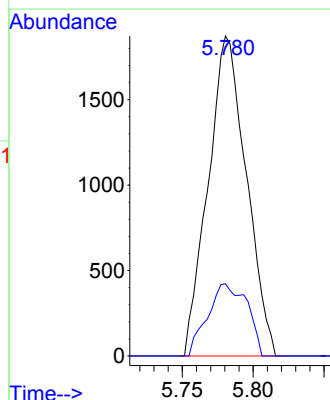
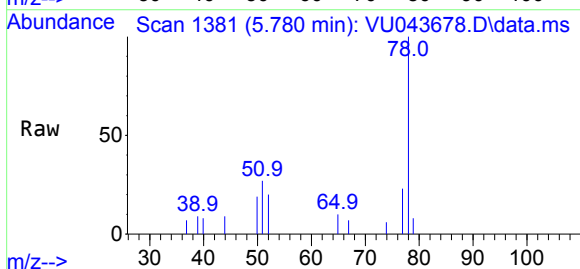
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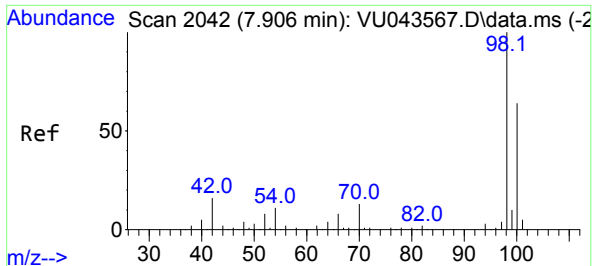
Tgt Ion: 78 Resp: 3502

Ion Ratio Lower Upper

78 100

77 22.6 19.7 29.5

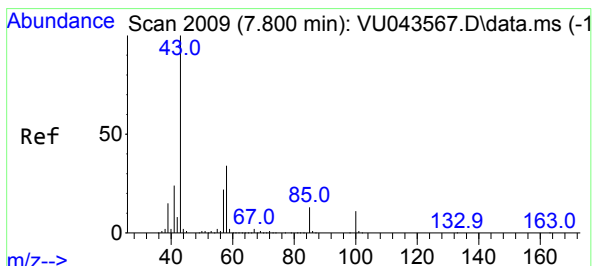
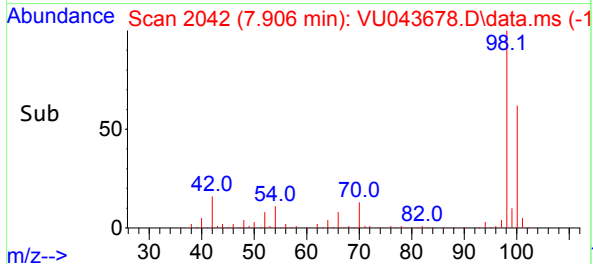
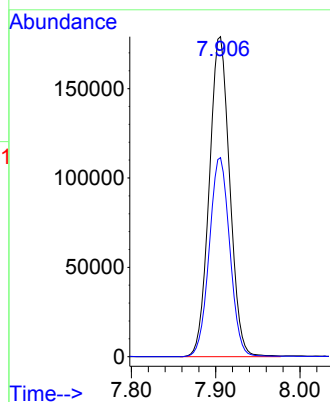
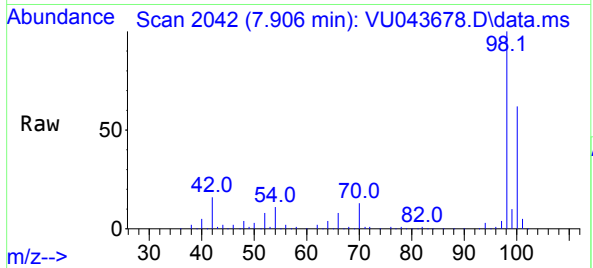




#50
Toluene-d8
Concen: 51.37 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043678.D
Acq: 12 May 2021 15:30

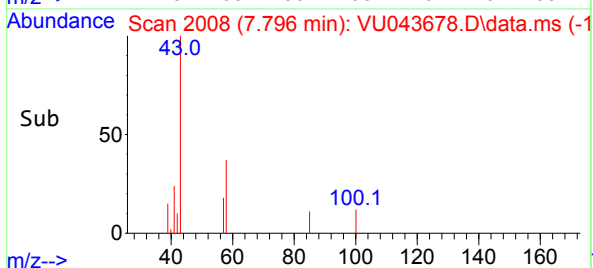
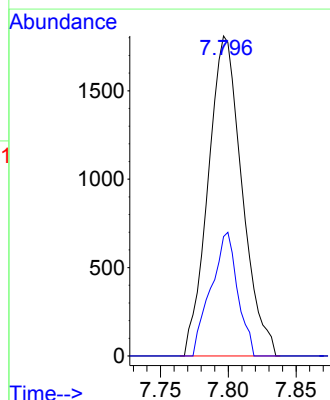
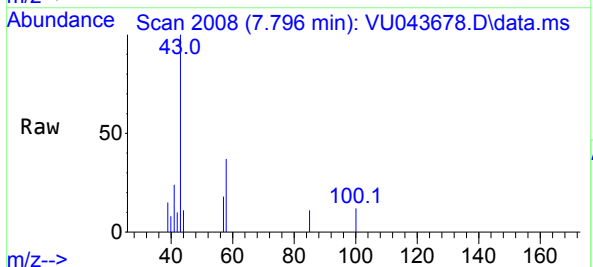
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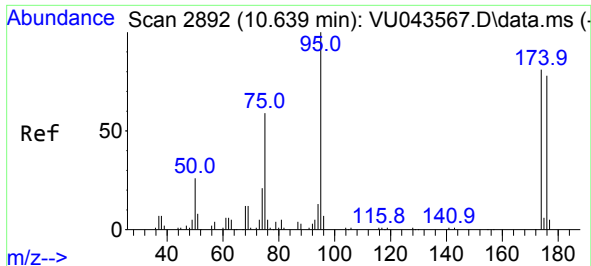
Tgt Ion: 98 Resp: 302297
Ion Ratio Lower Upper
98 100
100 62.4 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 19.78 ug/l
RT: 7.796 min Scan# 2008
Delta R.T. -0.004 min
Lab File: VU043678.D
Acq: 12 May 2021 15:30

Tgt Ion: 43 Resp: 3144
Ion Ratio Lower Upper
43 100
58 30.3 27.2 40.8

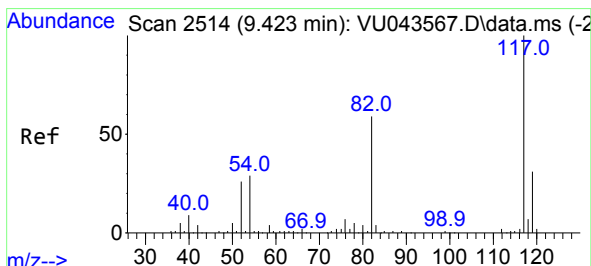
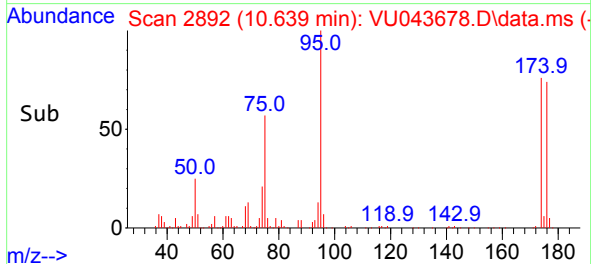
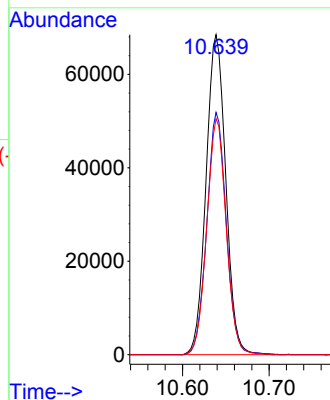
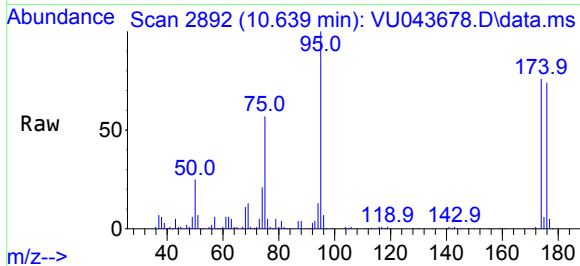




#62
4-Bromofluorobenzene
Concen: 47.12 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043678.D
Acq: 12 May 2021 15:30

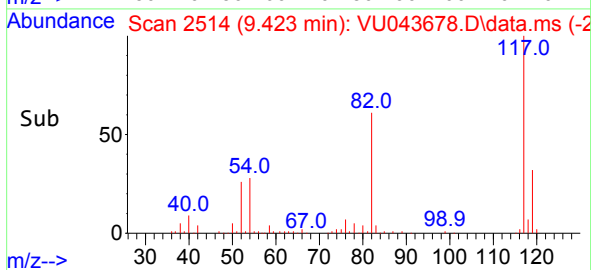
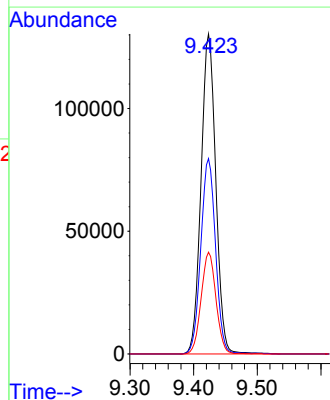
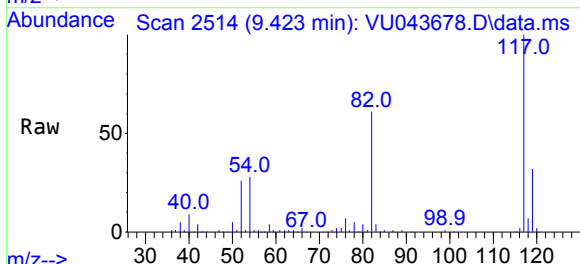
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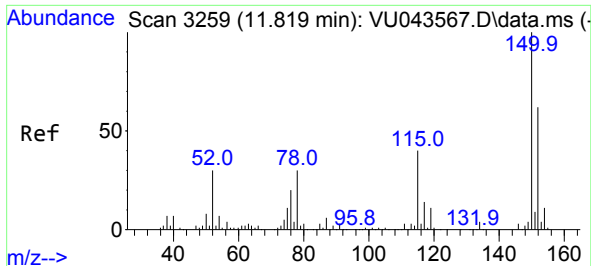
Tgt Ion: 95 Resp: 108046
Ion Ratio Lower Upper
95 100
174 74.8 0.0 158.8
176 72.8 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043678.D
Acq: 12 May 2021 15:30

Tgt Ion: 117 Resp: 209972
Ion Ratio Lower Upper
117 100
82 61.0 47.5 71.3
119 31.8 24.7 37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043678.D
 Acq: 12 May 2021 15:30

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1-20210505

Tgt Ion:152 Resp: 96541
 Ion Ratio Lower Upper
 152 100
 115 61.6 46.1 138.3
 150 154.3 0.0 361.0

