

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041321\
 Data File : VU043079.D
 Acq On : 14 Apr 2021 02:33
 Operator : SY/MD
 Sample : M1966-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-115RR

Quant Time: Apr 14 05:11:27 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)

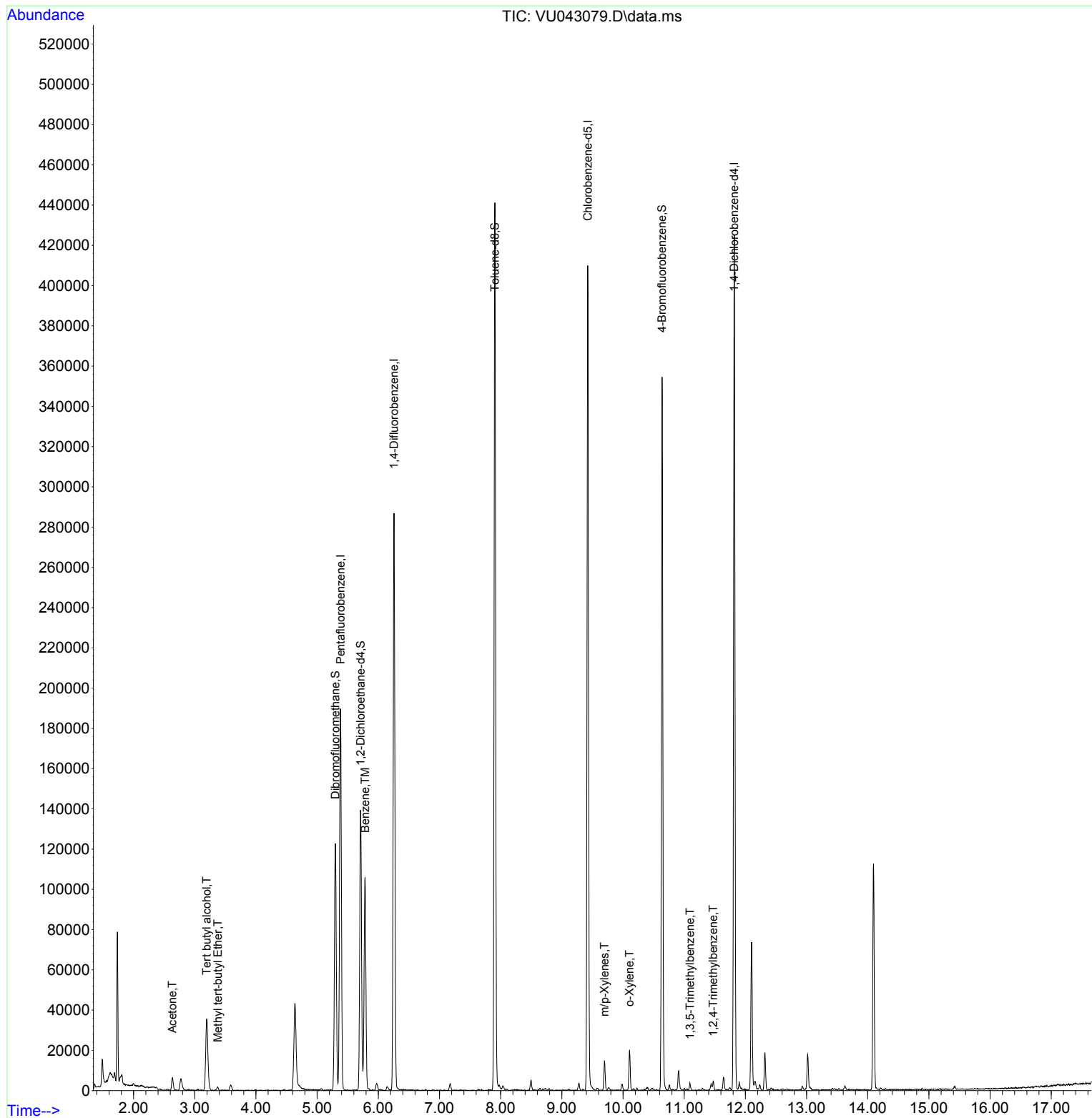
Internal Standards						
1) Pentafluorobenzene	5.382	168	130822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	215371	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	207020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	103645	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	107231	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
35) Dibromofluoromethane	5.298	113	75853	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
50) Toluene-d8	7.906	98	270394	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	10.639	95	102647	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.195	59	25628	45.21	ug/l #	97
16) Acetone	2.636	43	8053	5.93	ug/l	93
19) Methyl tert-butyl Ether	3.375	73	1742	0.36	ug/l	92
40) Benzene	5.784	78	89292	13.68	ug/l	99
68) m/p-Xylenes	9.697	106	3788	1.28	ug/l	98
69) o-Xylene	10.105	106	4725	1.63	ug/l	97
80) 1,3,5-Trimethylbenzene	11.095	105	1868	0.30	ug/l	94
84) 1,2,4-Trimethylbenzene	11.475	105	2285	0.36	ug/l	93

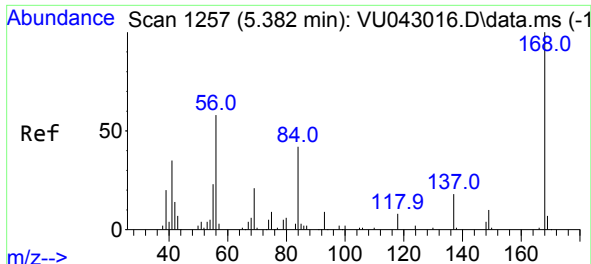
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 14 05:11:27 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

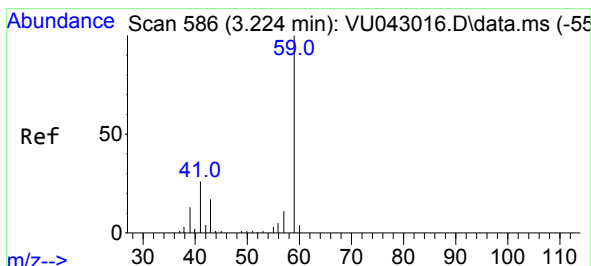
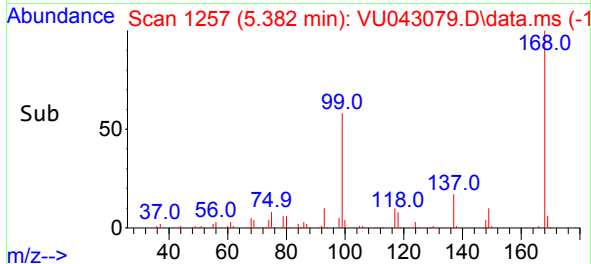
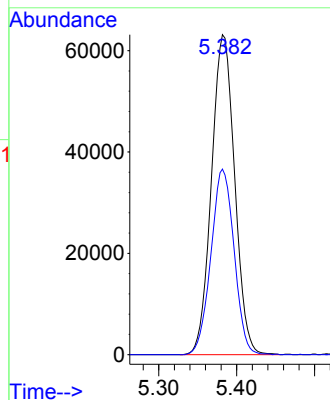
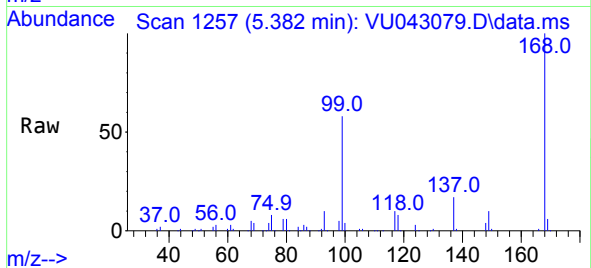




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043079.D
Acq: 14 Apr 2021 02:33

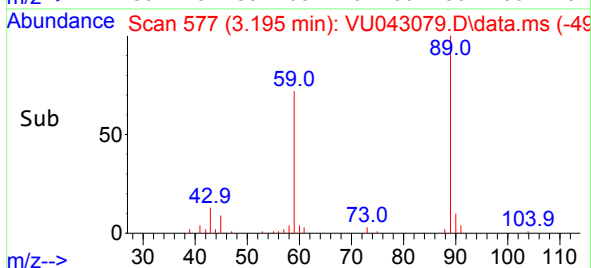
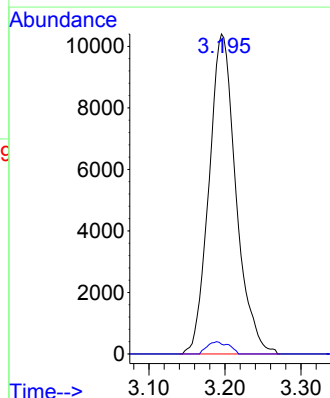
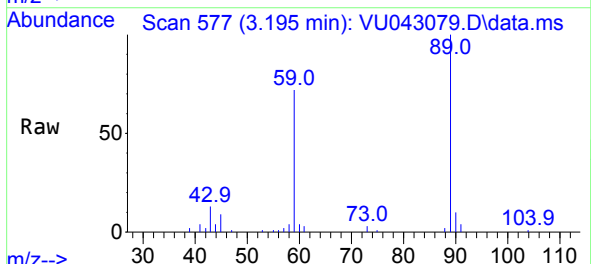
Instrument :
MSVOA_U
ClientSampleId :
MW-115RR

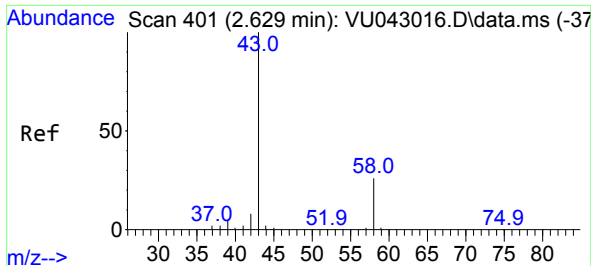
Tgt Ion:168 Resp: 130822
Ion Ratio Lower Upper
168 100
99 58.0 45.0 67.4



#11
Tert butyl alcohol
Concen: 45.21 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.029 min
Lab File: VU043079.D
Acq: 14 Apr 2021 02:33

Tgt Ion: 59 Resp: 25628
Ion Ratio Lower Upper
59 100
57 3.1 1.6 2.4#

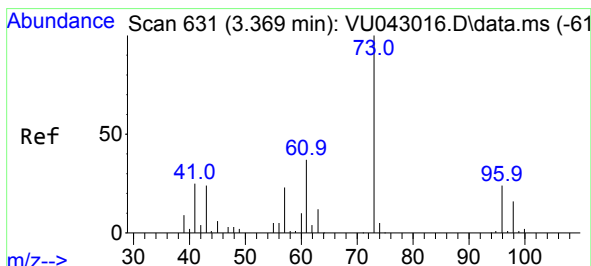
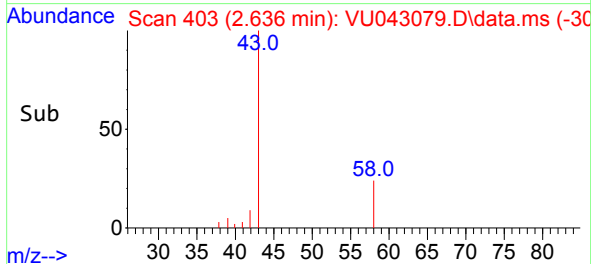
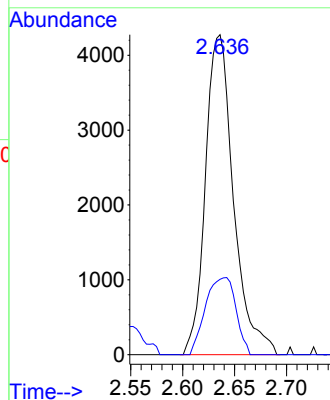
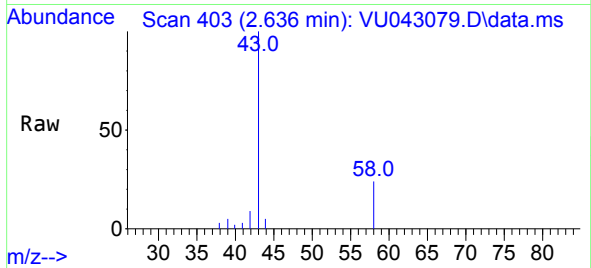




#16
Acetone
Concen: 5.93 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.007 min
Lab File: VU043079.D
Acq: 14 Apr 2021 02:33

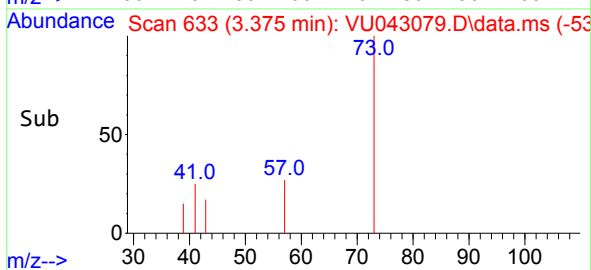
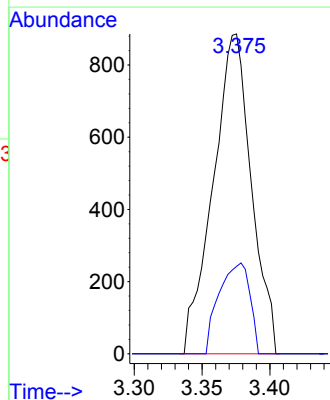
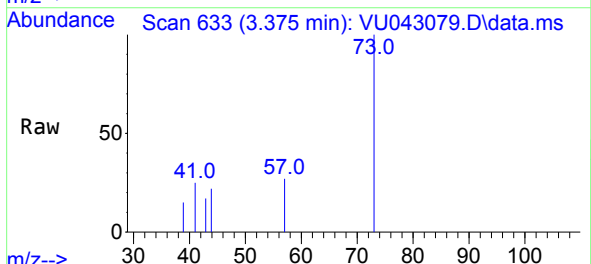
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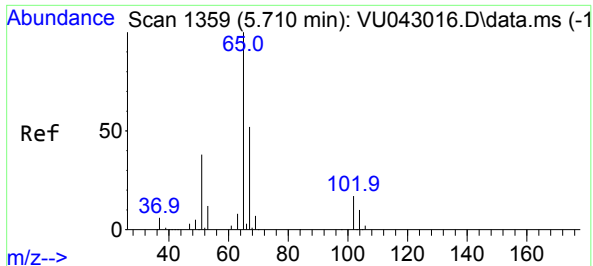
Tgt Ion: 43 Resp: 8053
Ion Ratio Lower Upper
43 100
58 23.5 21.5 32.3



#19
Methyl tert-butyl Ether
Concen: 0.36 ug/l
RT: 3.375 min Scan# 633
Delta R.T. 0.006 min
Lab File: VU043079.D
Acq: 14 Apr 2021 02:33

Tgt Ion: 73 Resp: 1742
Ion Ratio Lower Upper
73 100
57 27.3 18.8 28.2

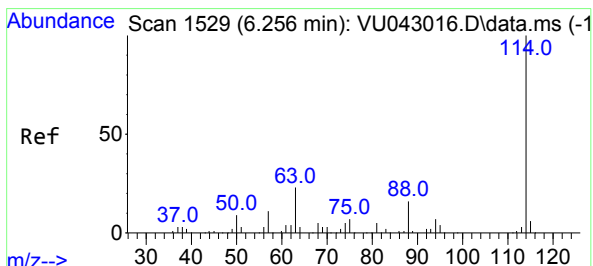
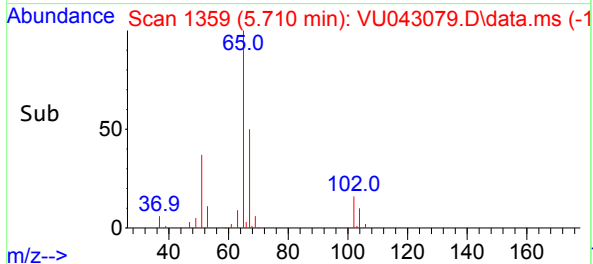
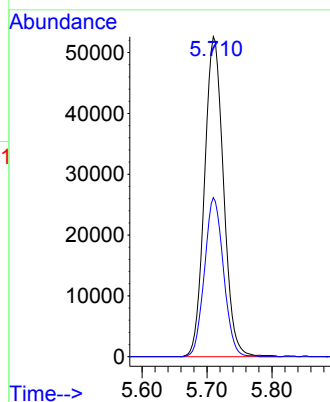
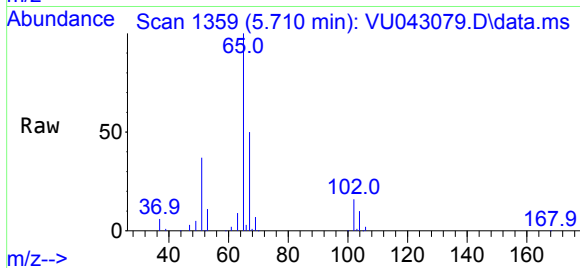




#33
1,2-Dichloroethane-d4
Concen: 48.76 ug/l
RT: 5.710 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VU043079.D
Acq: 14 Apr 2021 02:33

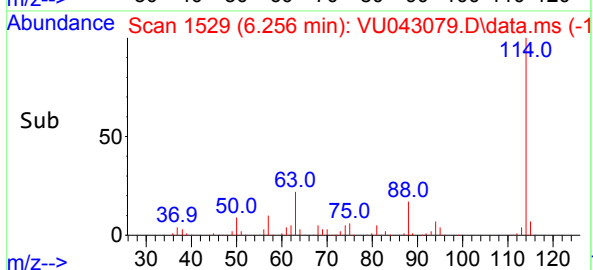
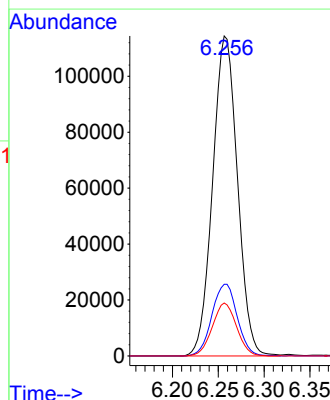
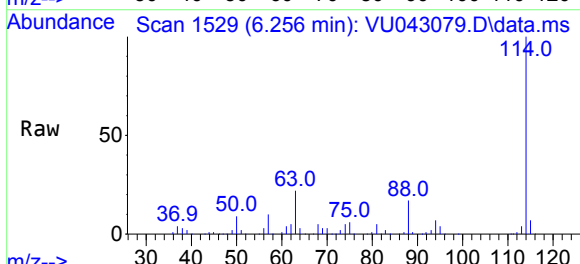
Instrument :
MSVOA_U
ClientSampleId :
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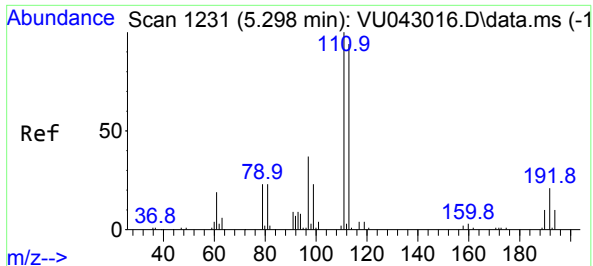
Tgt Ion: 65 Resp: 107231
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU043079.D
Acq: 14 Apr 2021 02:33

Tgt Ion:114 Resp: 215371
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.2
88 16.6 0.0 33.4

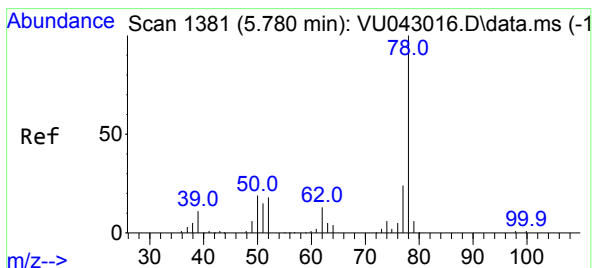
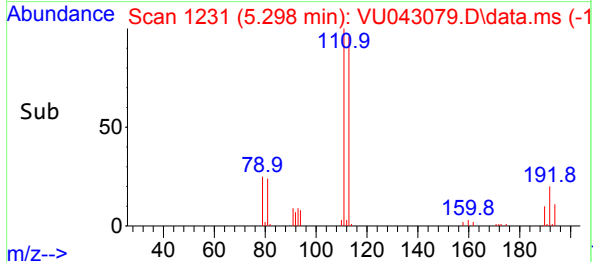
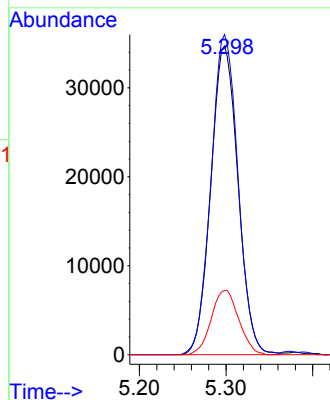
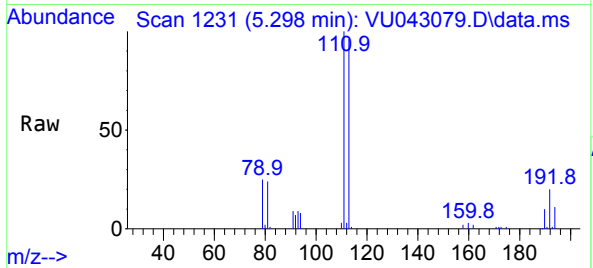




#35
Dibromofluoromethane
Concen: 46.87 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043079.D
Acq: 14 Apr 2021 02:33

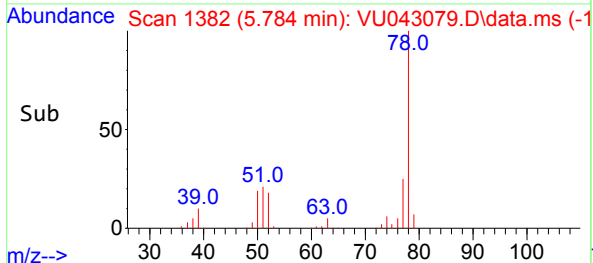
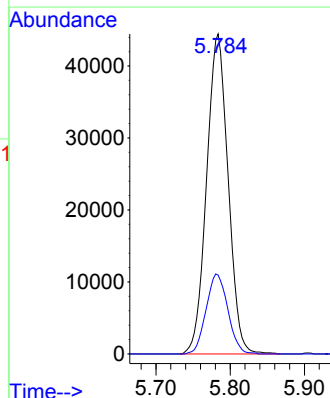
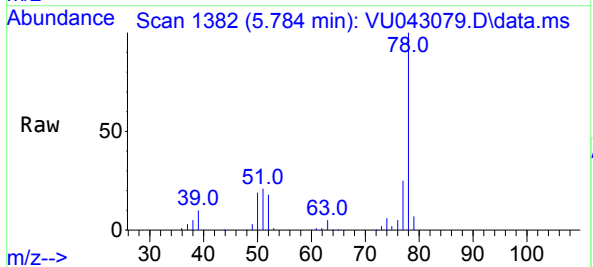
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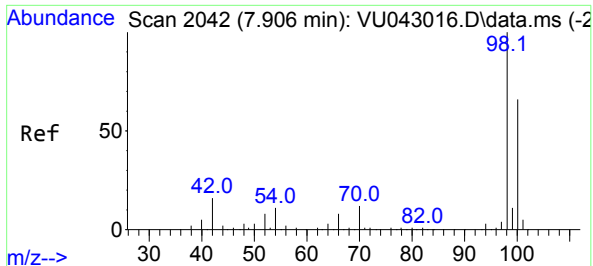
Tgt Ion:113 Resp: 75853
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 21.1 17.2 25.8



#40
Benzene
Concen: 13.68 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. 0.004 min
Lab File: VU043079.D
Acq: 14 Apr 2021 02:33

Tgt Ion: 78 Resp: 89292
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9

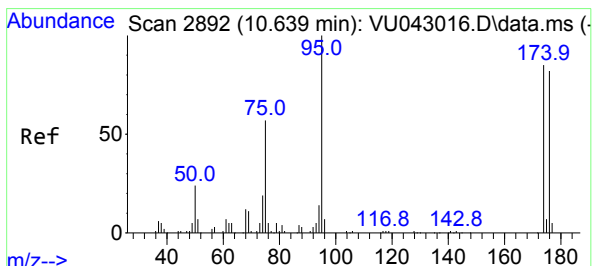
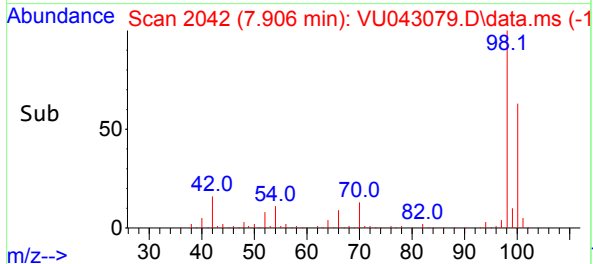
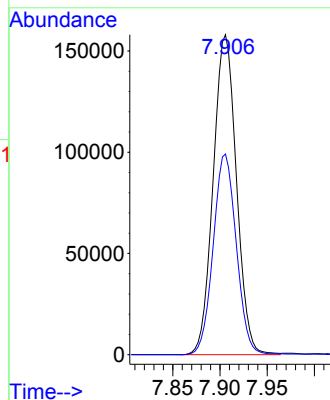
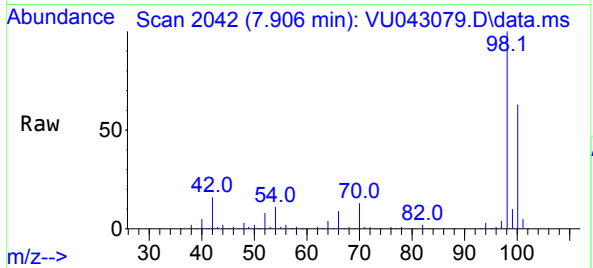




#50
Toluene-d8
Concen: 47.22 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043079.D
Acq: 14 Apr 2021 02:33

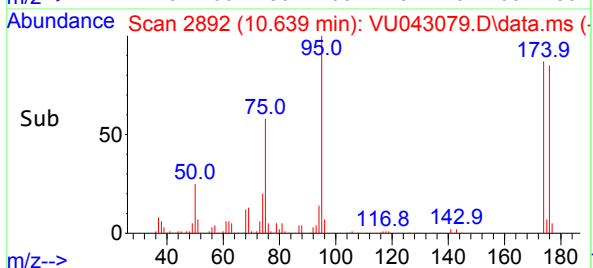
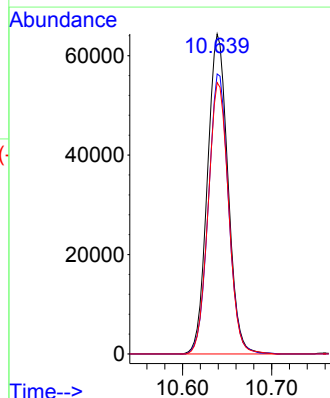
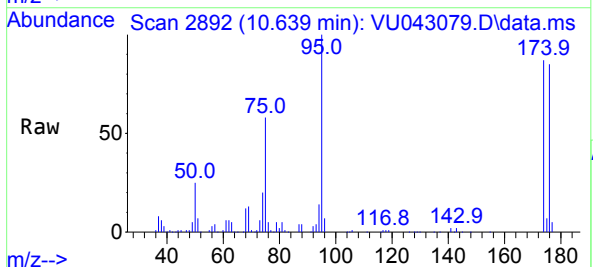
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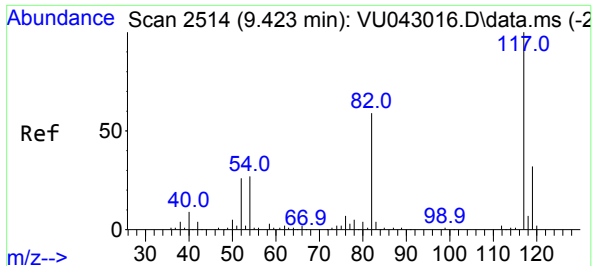
Tgt Ion: 98 Resp: 270394
Ion Ratio Lower Upper
98 100
100 62.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.76 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043079.D
Acq: 14 Apr 2021 02:33

Tgt Ion: 95 Resp: 102647
Ion Ratio Lower Upper
95 100
174 85.5 0.0 172.2
176 84.2 0.0 168.8

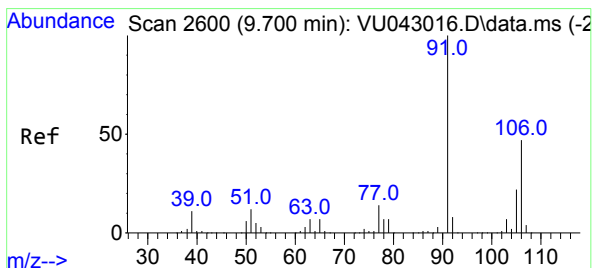
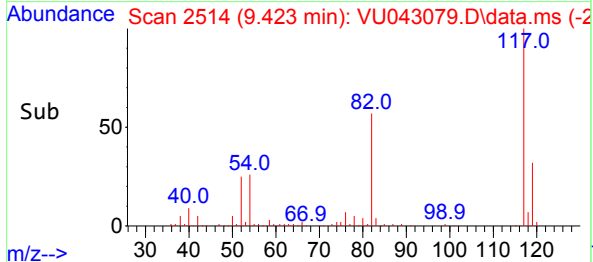
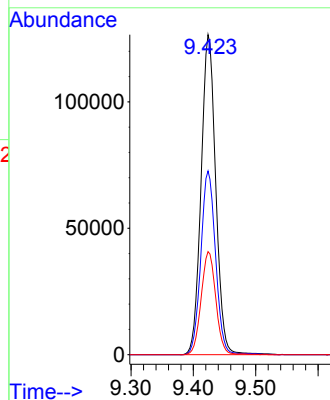
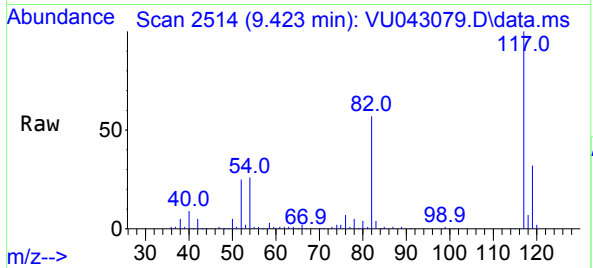




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043079.D
Acq: 14 Apr 2021 02:33

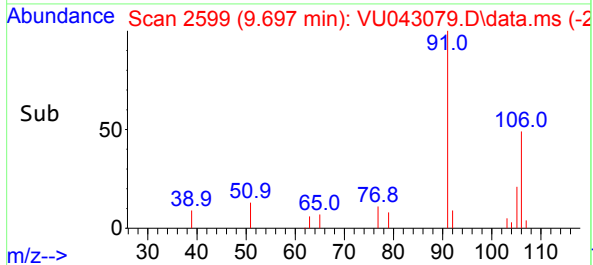
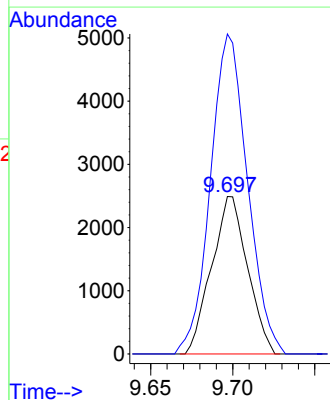
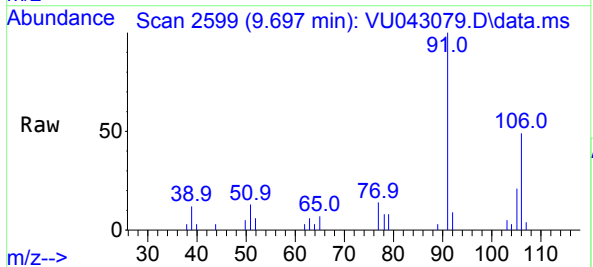
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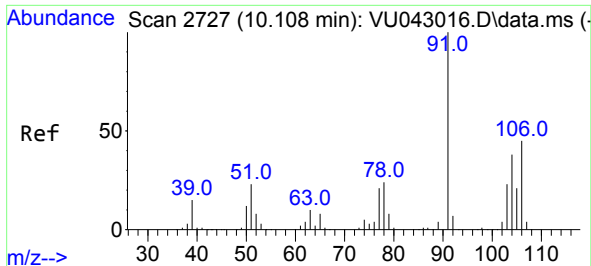
Tgt Ion:117 Resp: 207020
Ion Ratio Lower Upper
117 100
82 57.4 45.8 68.6
119 32.2 25.8 38.8



#68
m/p-Xylenes
Concen: 1.28 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU043079.D
Acq: 14 Apr 2021 02:33

Tgt Ion:106 Resp: 3788
Ion Ratio Lower Upper
106 100
91 209.6 169.9 254.9

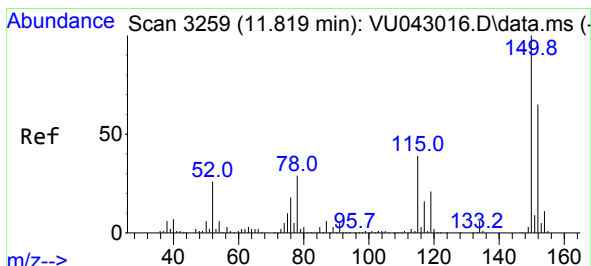
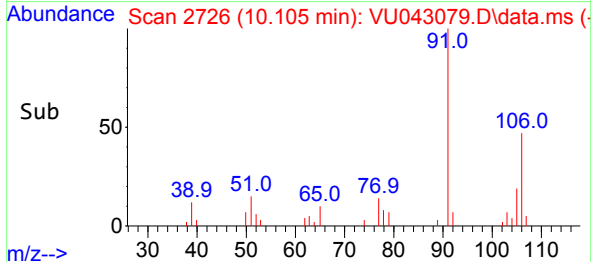
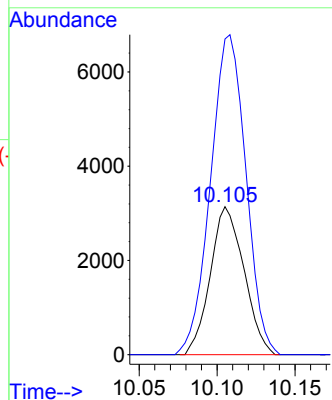
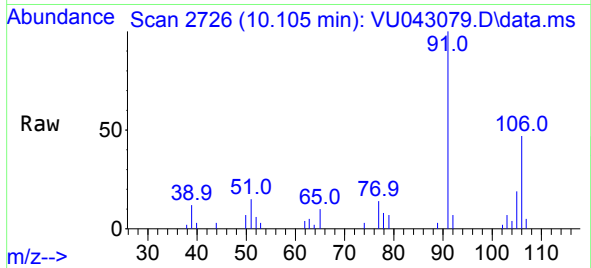




#69
o-Xylene
Concen: 1.63 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU043079.D
Acq: 14 Apr 2021 02:33

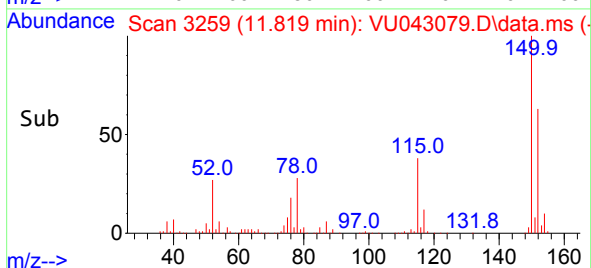
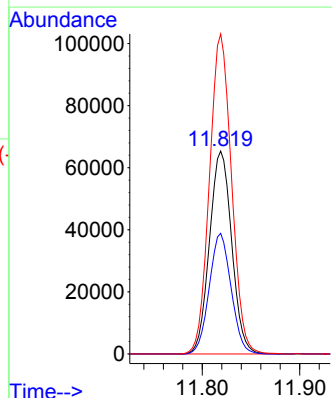
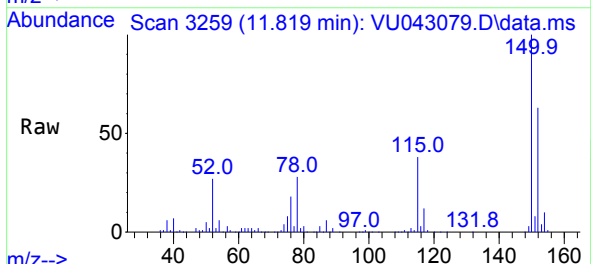
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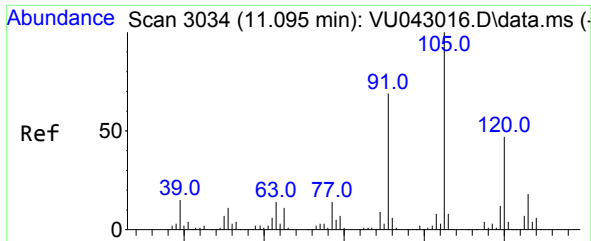
Tgt Ion:106 Resp: 4725
Ion Ratio Lower Upper
106 100
91 227.0 111.2 333.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU043079.D
Acq: 14 Apr 2021 02:33

Tgt Ion:152 Resp: 103645
Ion Ratio Lower Upper
152 100
115 58.3 41.5 124.6
150 156.1 0.0 342.4

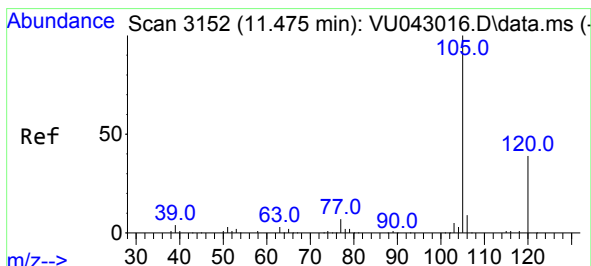
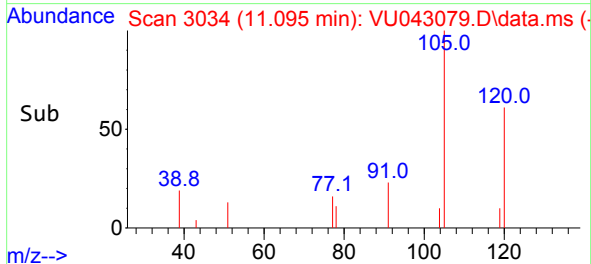
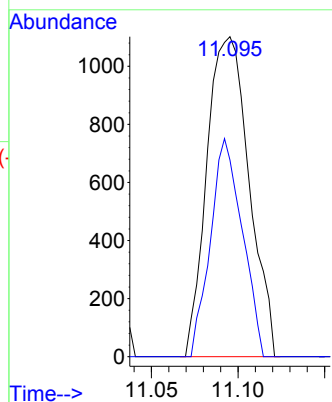
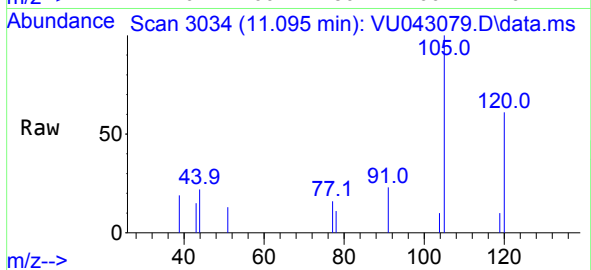




#80
1,3,5-Trimethylbenzene
Concen: 0.30 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043079.D
Acq: 14 Apr 2021 02:33

Instrument :
MSVOA_U
ClientSampleId :
MW-115RR

Tgt Ion:105 Resp: 1868
Ion Ratio Lower Upper
105 100
120 51.3 23.8 71.4



#84
1,2,4-Trimethylbenzene
Concen: 0.36 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043079.D
Acq: 14 Apr 2021 02:33

Tgt Ion:105 Resp: 2285
Ion Ratio Lower Upper
105 100
120 40.2 22.3 66.8

