

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082522\
 Data File : VU050442.D
 Acq On : 25 Aug 2022 12:41
 Operator : SY/MD
 Sample : N3734-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-OXYGENATES

Quant Time: Aug 26 15:17:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 25 14:01:59 2022
 Response via : Initial Calibration

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

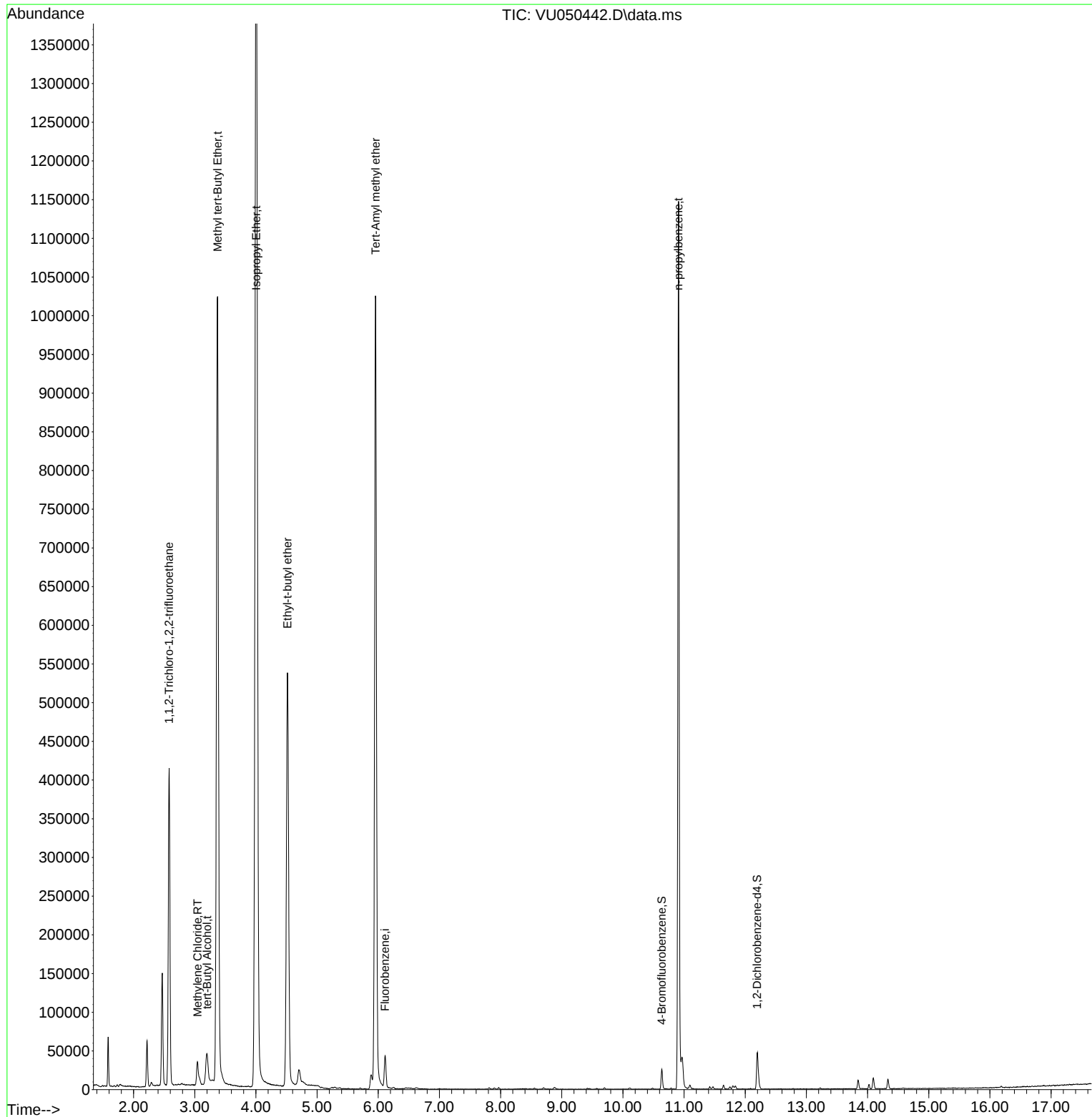
Internal Standards						
1) Fluorobenzene	6.111	96	38268	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	9081	0.697	ug/l	0.00
Spiked Amount 1.000			Recovery	=	70.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	12587	0.817	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	164264	14.287	ug/l	97
15) Methylene Chloride	3.044	84	12576	0.825	ug/l	93
24) tert-Butyl Alcohol	3.202	59	51917	42.370	ug/l	# 1
25) Methyl tert-Butyl Ether	3.372	73	1176252	39.289	ug/l	94
31) Isopropyl Ether	4.005	45	1846799	49.061	ug/l	99
32) Ethyl-t-butyl ether	4.517	59	552474	18.682	ug/l	99
33) Tert-Amyl methyl ether	5.957	73	790400	41.000	ug/l	99
73) n-propylbenzene	10.909	120	184441	12.069	ug/l	100

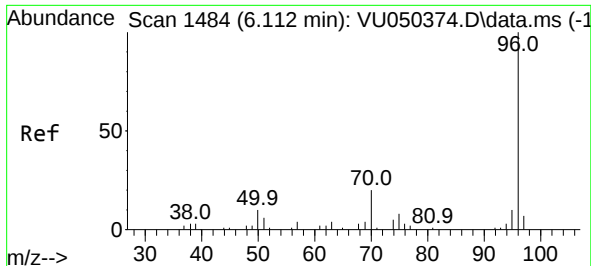
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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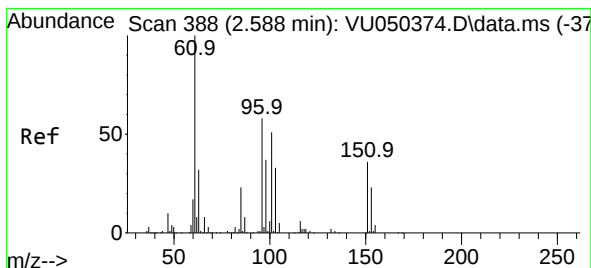
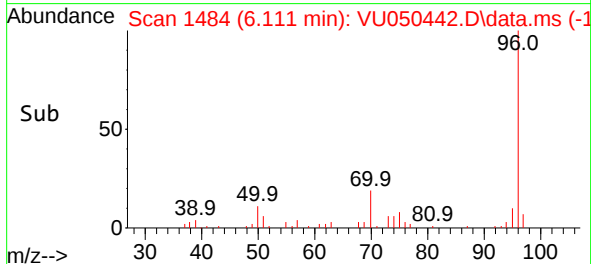
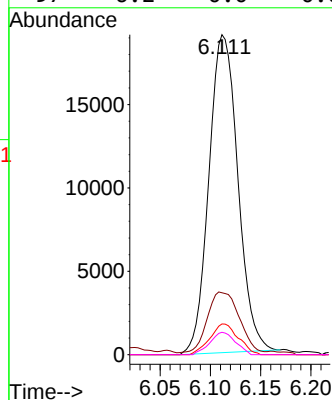
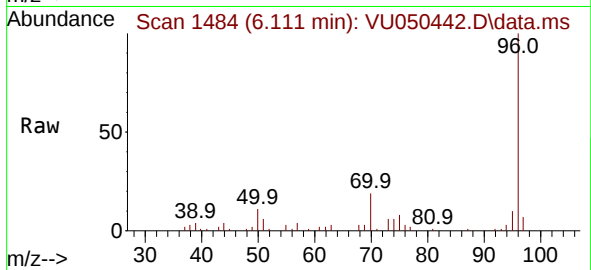




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.111 min Scan# 1484
Delta R.T. -0.004 min
Lab File: VU050442.D
Acq: 25 Aug 2022 12:41

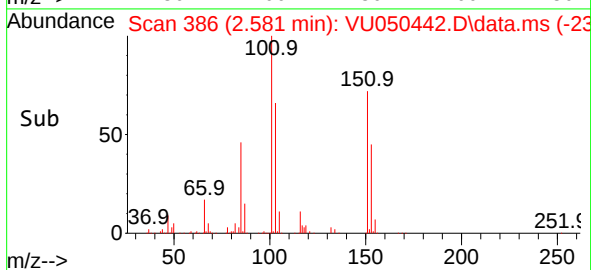
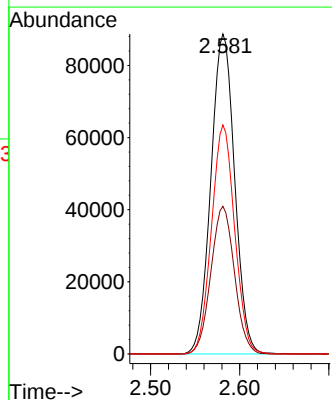
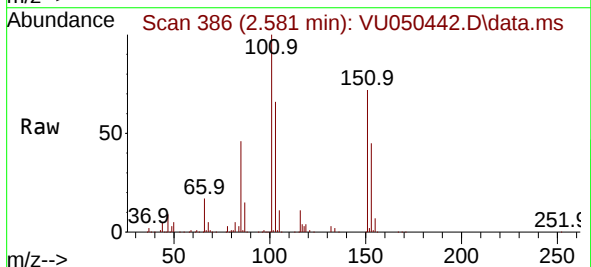
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ClientSampleId :
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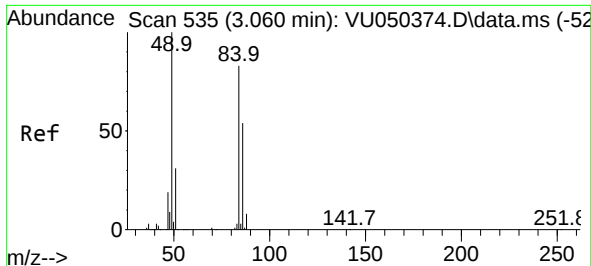
Tgt Ion: 96	Resp: 38268
Ion Ratio	Lower Upper
96 100	
70 20.3	16.7 25.1
95 9.4	7.4 11.0
97 6.2	0.0 0.0#



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 14.287 ug/l
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU050442.D
Acq: 25 Aug 2022 12:41

Tgt Ion:101	Resp: 164264
Ion Ratio	Lower Upper
101 100	
85 45.7	36.4 54.6
151 70.0	59.1 88.7

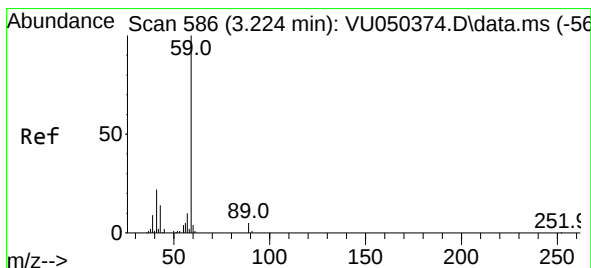
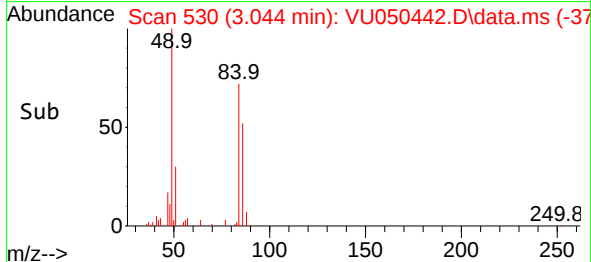
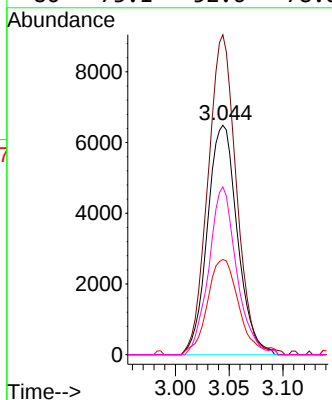
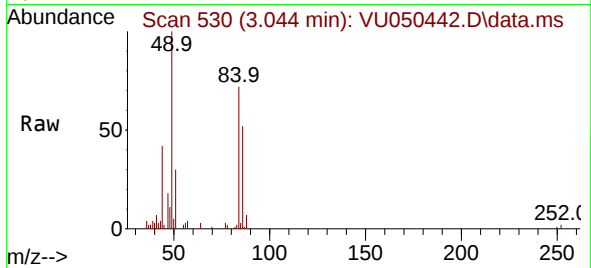




#15
Methylene Chloride
Concen: 0.825 ug/l
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU050442.D
Acq: 25 Aug 2022 12:41

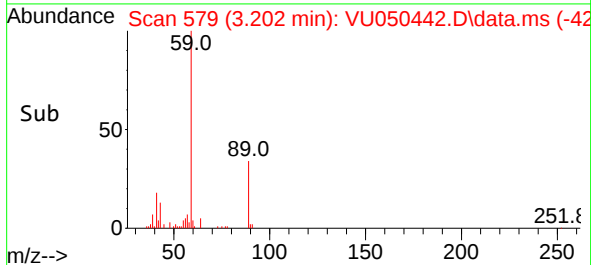
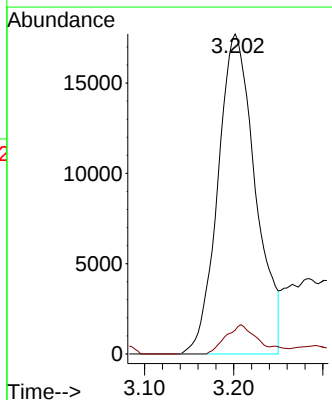
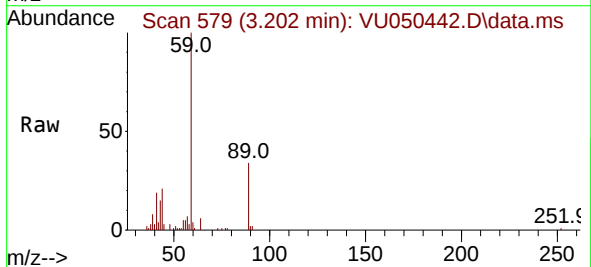
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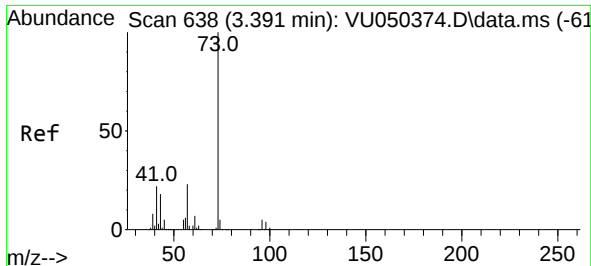
Tgt Ion:	84	Resp:	12576
Ion	Ratio	Lower	Upper
84	100		
49	139.4	104.6	157.0
51	41.5	0.0	81.4
86	73.1	52.6	78.8



#24
tert-Butyl Alcohol
Concen: 42.370 ug/l
RT: 3.202 min Scan# 579
Delta R.T. 0.007 min
Lab File: VU050442.D
Acq: 25 Aug 2022 12:41

Tgt Ion:	59	Resp:	51917
Ion	Ratio	Lower	Upper
59	100		
57	516.8	8.2	12.2#

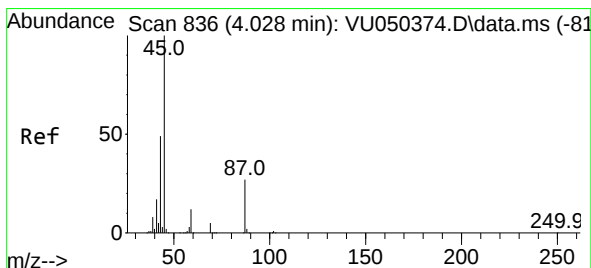
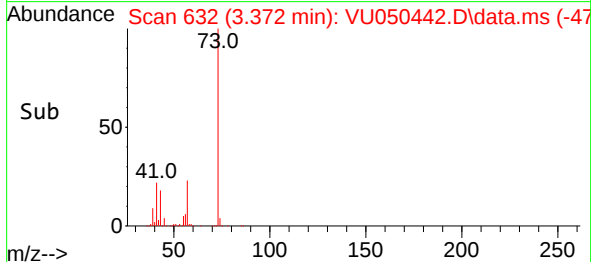
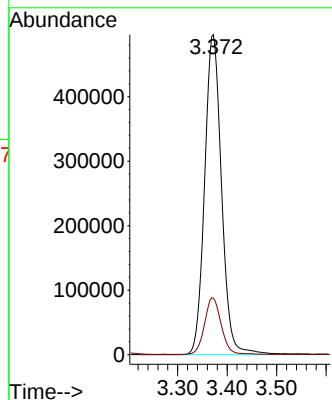
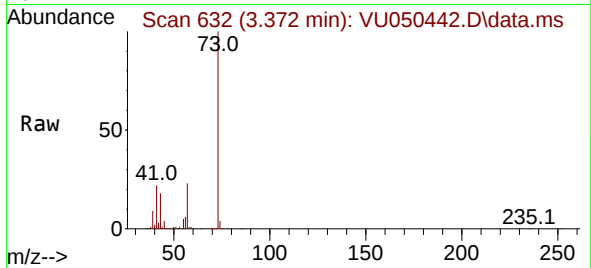




#25
Methyl tert-Butyl Ether
Concen: 39.289 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050442.D
Acq: 25 Aug 2022 12:41

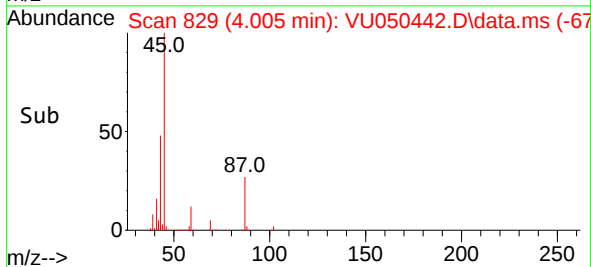
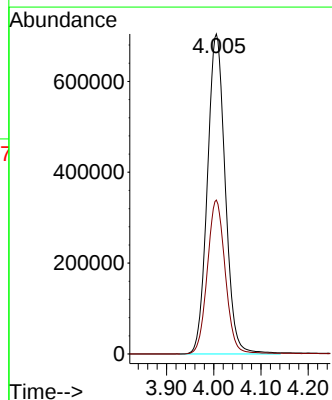
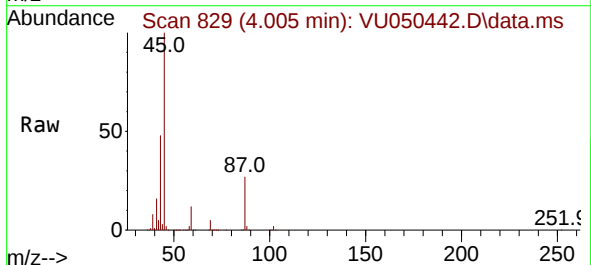
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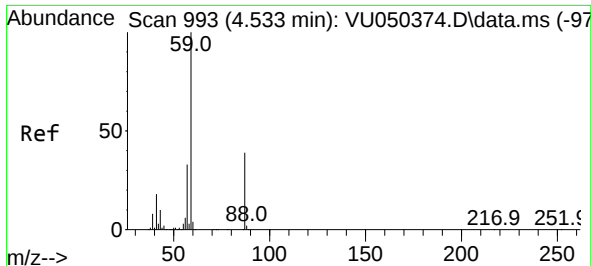
Tgt Ion: 73 Resp: 1176252
Ion Ratio Lower Upper
73 100
43 17.2 15.9 23.9



#31
Isopropyl Ether
Concen: 49.061 ug/l
RT: 4.005 min Scan# 829
Delta R.T. 0.003 min
Lab File: VU050442.D
Acq: 25 Aug 2022 12:41

Tgt Ion: 45 Resp: 1846799
Ion Ratio Lower Upper
45 100
43 48.4 23.8 71.2

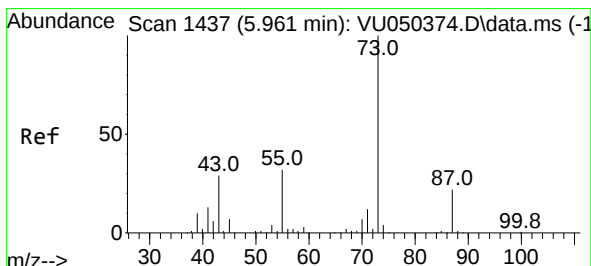
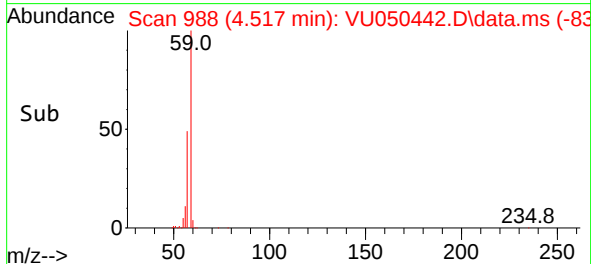
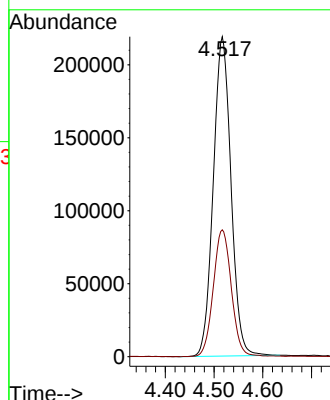
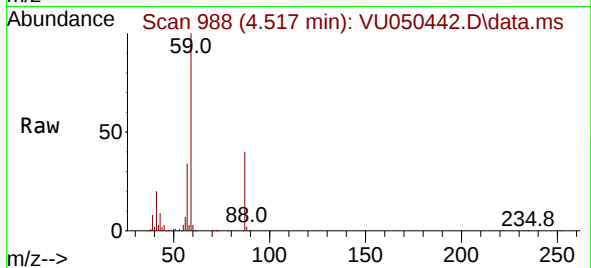




#32
Ethyl-t-butyl ether
Concen: 18.682 ug/l
RT: 4.517 min Scan# 993
Delta R.T. 0.003 min
Lab File: VU050442.D
Acq: 25 Aug 2022 12:41

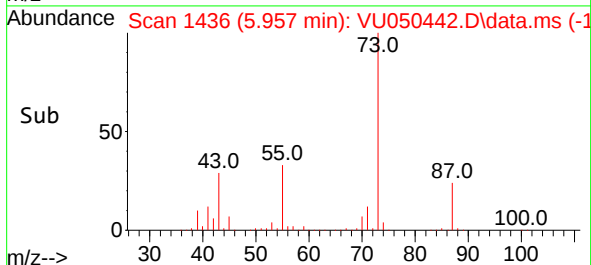
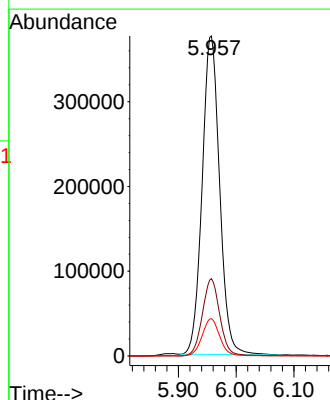
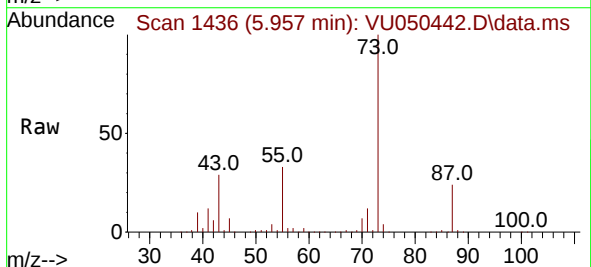
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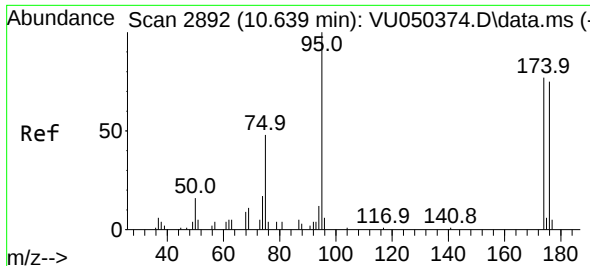
Tgt Ion: 59 Resp: 552474
Ion Ratio Lower Upper
59 100
87 40.2 32.5 48.7



#33
Tert-Amyl methyl ether
Concen: 41.000 ug/l
RT: 5.957 min Scan# 1436
Delta R.T. 0.010 min
Lab File: VU050442.D
Acq: 25 Aug 2022 12:41

Tgt Ion: 73 Resp: 790400
Ion Ratio Lower Upper
73 100
87 24.1 19.7 29.5
71 11.6 9.0 13.4

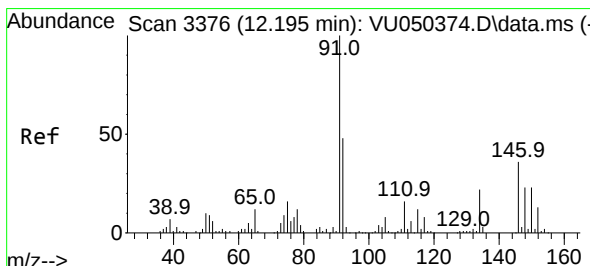
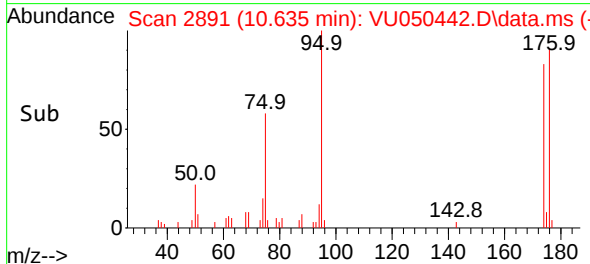
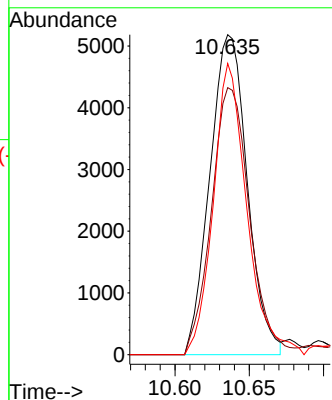
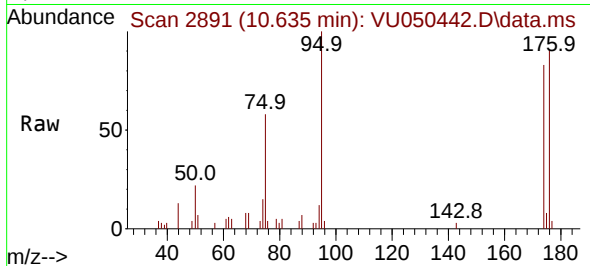




#57
 4-Bromofluorobenzene
 Concen: 0.697 ug/l
 RT: 10.635 min Scan# 2891
 Delta R.T. 0.003 min
 Lab File: VU050442.D
 Acq: 25 Aug 2022 12:41

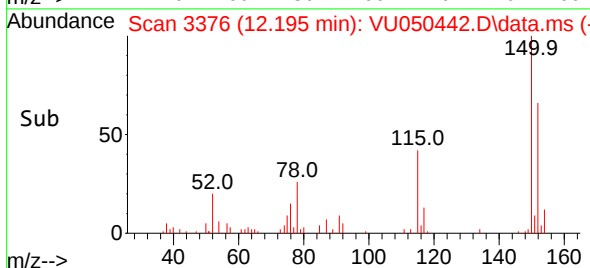
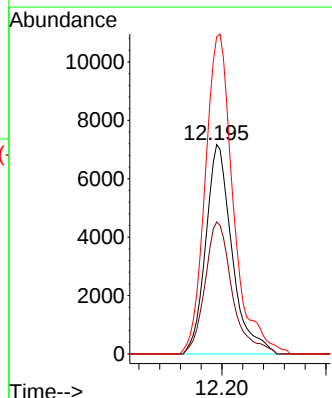
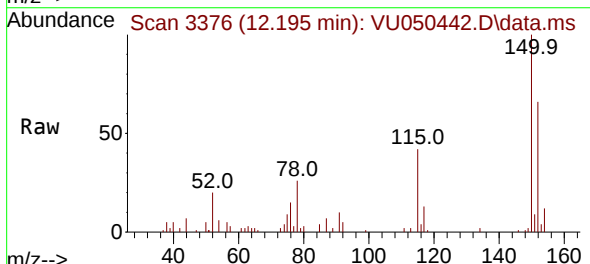
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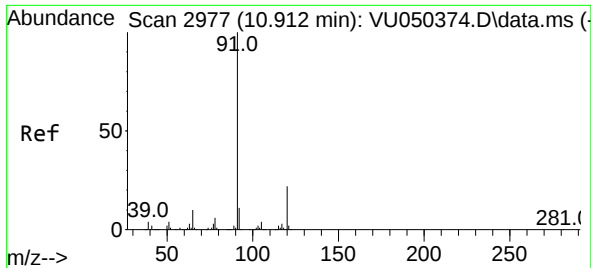
Tgt Ion: 95 Resp: 9081
 Ion Ratio Lower Upper
 95 100
 174 84.9 62.4 93.6
 176 81.5 56.2 84.2



#68
 1,2-Dichlorobenzene-d4
 Concen: 0.817 ug/l
 RT: 12.195 min Scan# 3376
 Delta R.T. -0.000 min
 Lab File: VU050442.D
 Acq: 25 Aug 2022 12:41

Tgt Ion: 152 Resp: 12587
 Ion Ratio Lower Upper
 152 100
 115 65.5 0.0 254.6
 150 162.8 0.0 623.6





#73
 n-propylbenzene
 Concen: 12.069 ug/l
 RT: 10.909 min Scan# 2976
 Delta R.T. 0.003 min
 Lab File: VU050442.D
 Acq: 25 Aug 2022 12:41

Instrument :
 MSVOA_U
 ClientSampleId :
 WS-OXYGENATES

Tgt Ion:120 Resp: 184441
 Ion Ratio Lower Upper
 120 100
 91 459.6 367.8 551.6

