

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021422\
 Data File : VU047136.D
 Acq On : 14 Feb 2022 16:58
 Operator : SY/MD
 Sample : N1205-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WS

Quant Time: Feb 17 14:31:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021422DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Feb 17 14:31:24 2022
 Response via : Initial Calibration

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

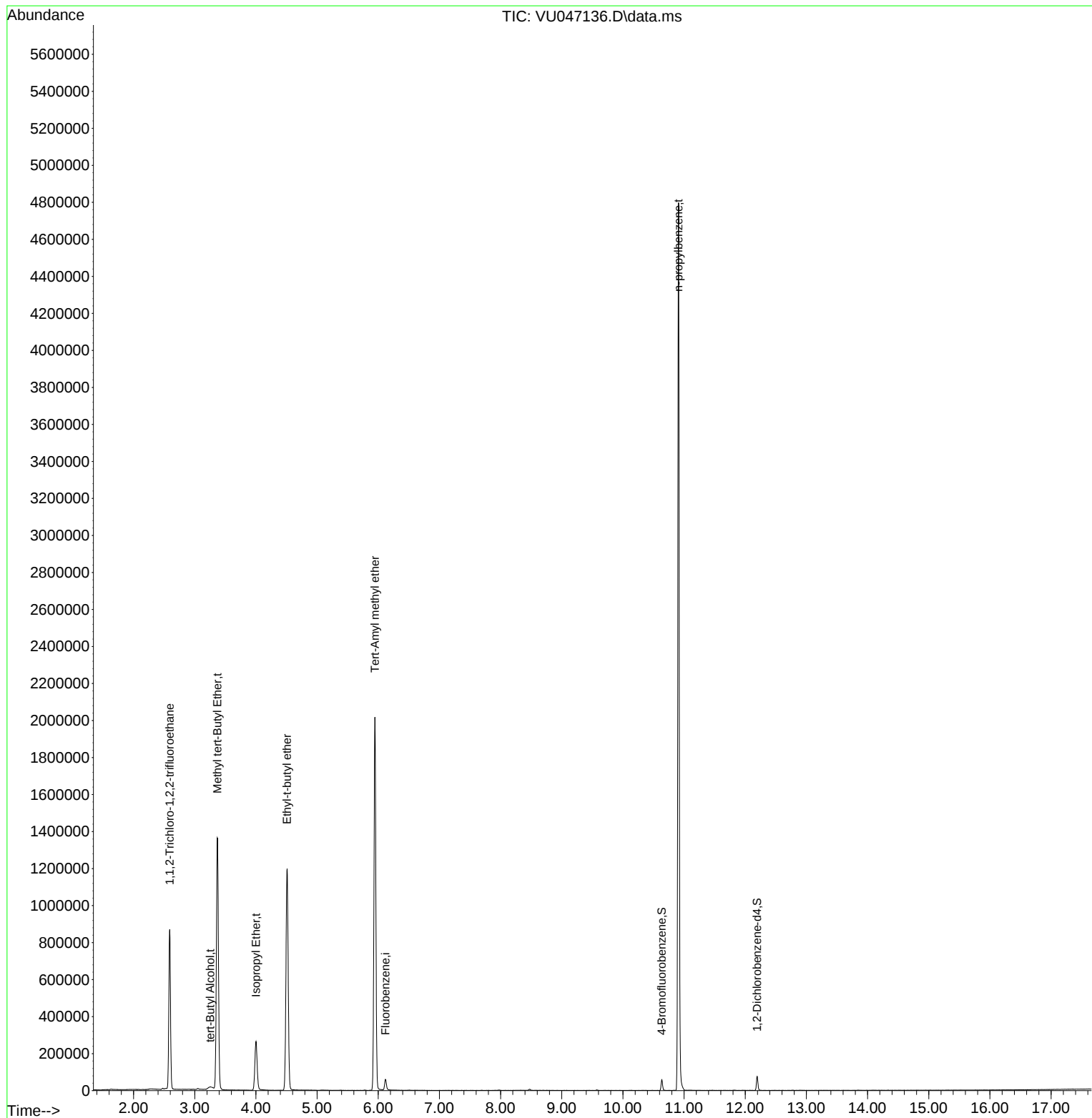
Internal Standards						
1) Fluorobenzene	6.118	96	55794	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	20398	0.944	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	20901	0.929	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	344423	26.879	ug/l	94
24) tert-Butyl Alcohol	3.253	59	44256	62.999	ug/l #	77
25) Methyl tert-Butyl Ether	3.369	73	1546063	41.805	ug/l	100
31) Isopropyl Ether	4.002	45	290126	7.113	ug/l	96
32) Ethyl-t-butyl ether	4.510	59	1283070	30.946	ug/l	98
33) Tert-Amyl methyl ether	5.944	73	1746646	45.737	ug/l	99
73) n-propylbenzene	10.909	120	887754	44.693	ug/l	89

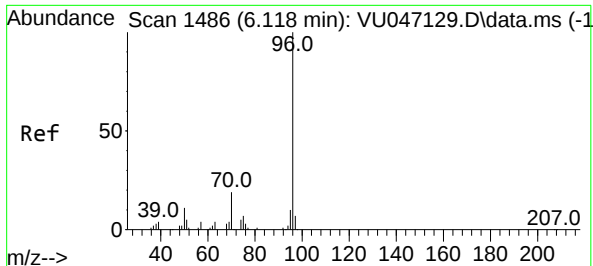
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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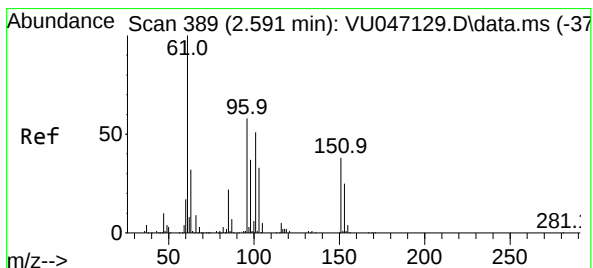
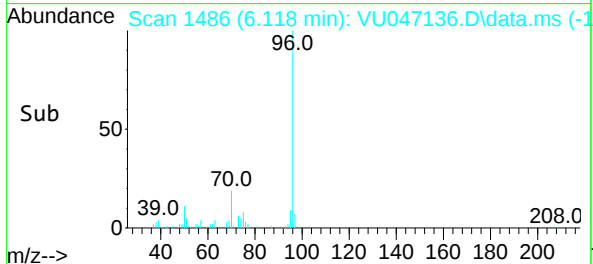
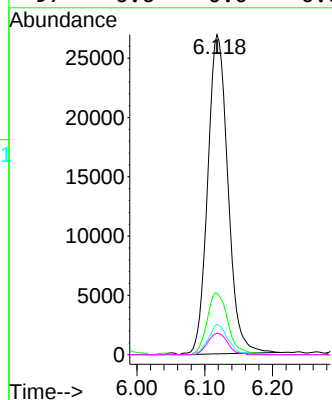
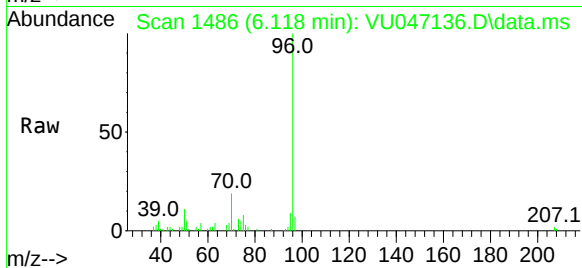




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VU047136.D
Acq: 14 Feb 2022 16:58

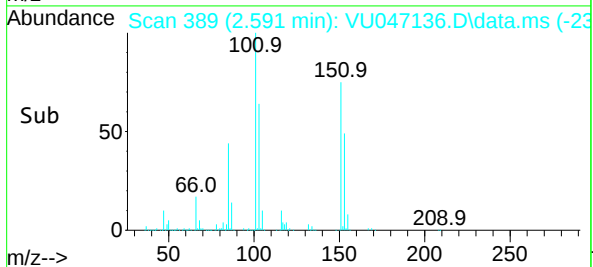
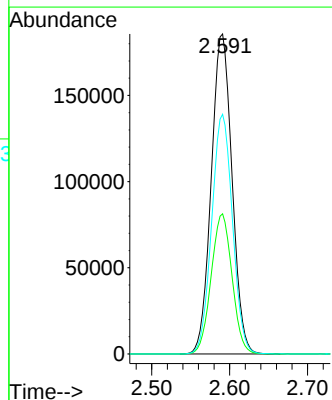
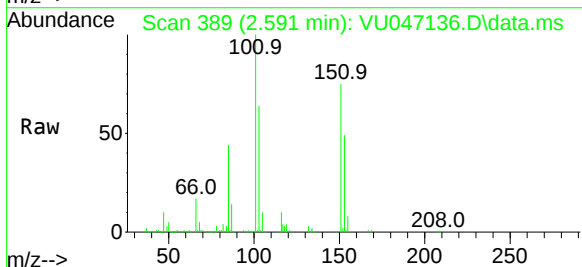
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

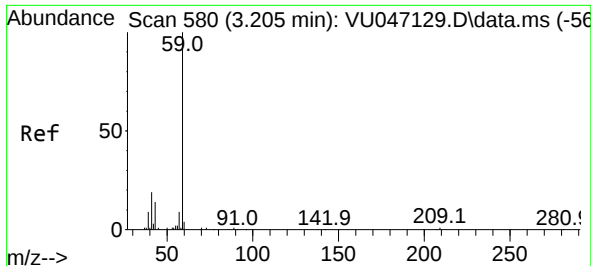
Tgt Ion: 96	Resp: 55794
Ion Ratio	Lower Upper
96 100	
70 20.0	16.8 25.2
95 9.1	7.3 10.9
97 6.6	0.0 0.0#



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.879 ug/l
RT: 2.591 min Scan# 389
Delta R.T. -0.000 min
Lab File: VU047136.D
Acq: 14 Feb 2022 16:58

Tgt Ion:101	Resp: 344423
Ion Ratio	Lower Upper
101 100	
85 44.0	35.8 53.6
151 75.0	54.6 81.8

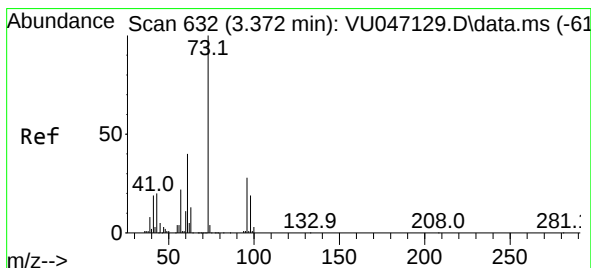
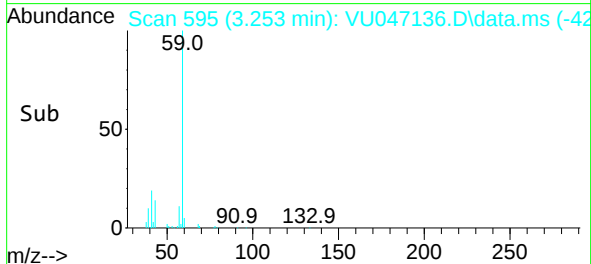
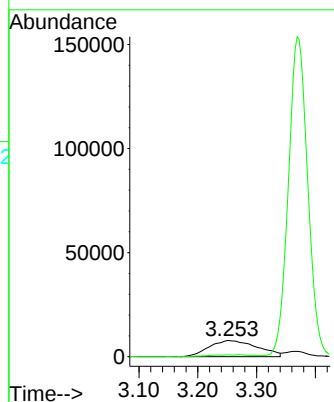
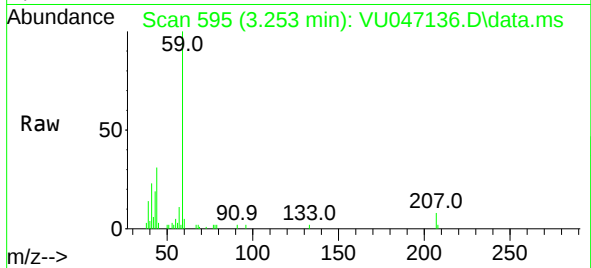




#24
tert-Butyl Alcohol
Concen: 62.999 ug/l
RT: 3.253 min Scan# 591
Delta R.T. 0.048 min
Lab File: VU047136.D
Acq: 14 Feb 2022 16:58

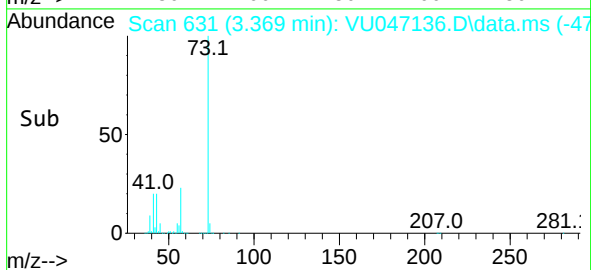
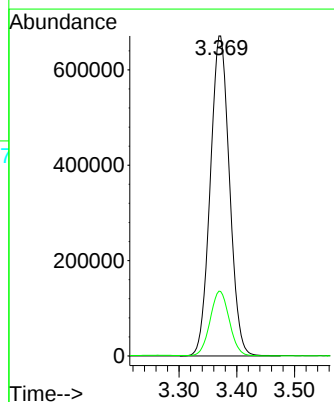
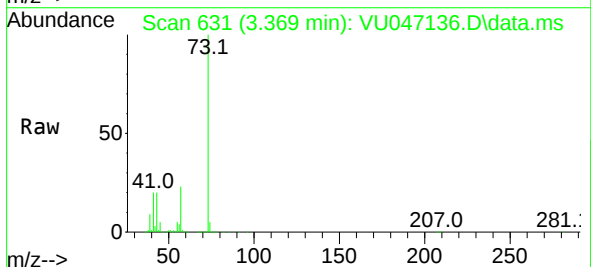
Instrument :
MSVOA_U
ClientSampleId :
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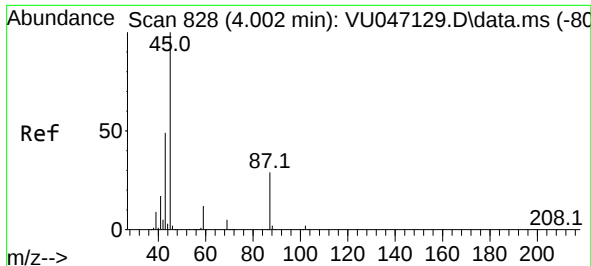
Tgt Ion: 59 Resp: 44256
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#



#25
Methyl tert-Butyl Ether
Concen: 41.805 ug/l
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU047136.D
Acq: 14 Feb 2022 16:58

Tgt Ion: 73 Resp: 1546063
Ion Ratio Lower Upper
73 100
43 20.2 16.3 24.5

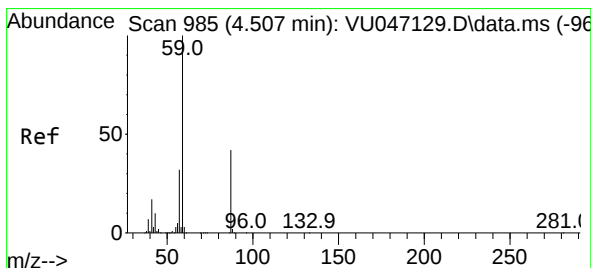
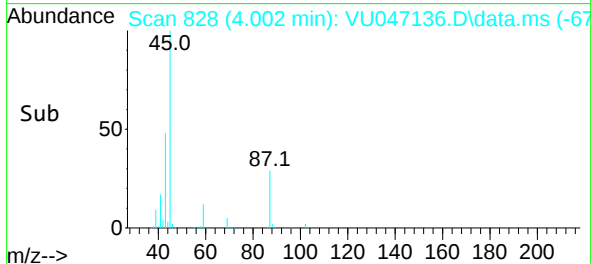
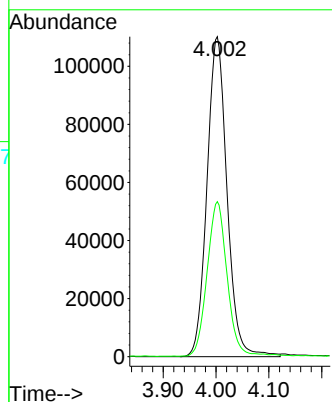
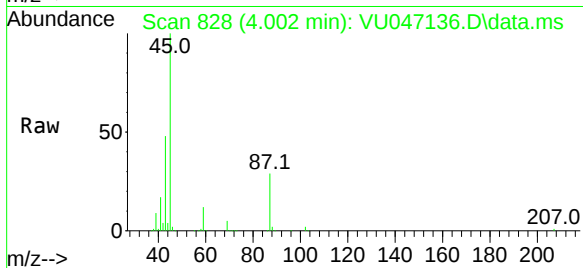




#31
Isopropyl Ether
Concen: 7.113 ug/l
RT: 4.002 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU047136.D
Acq: 14 Feb 2022 16:58

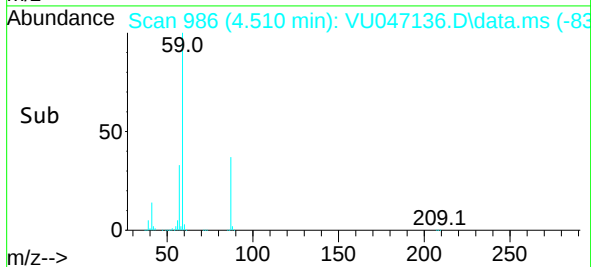
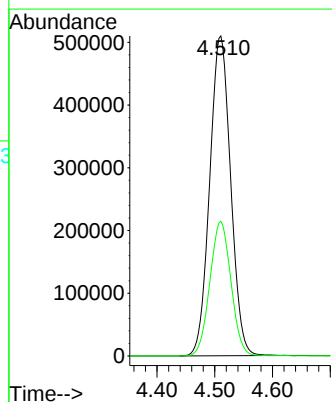
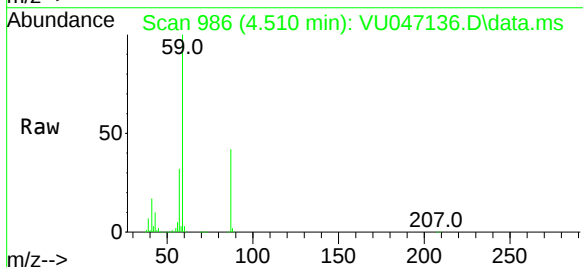
Instrument :
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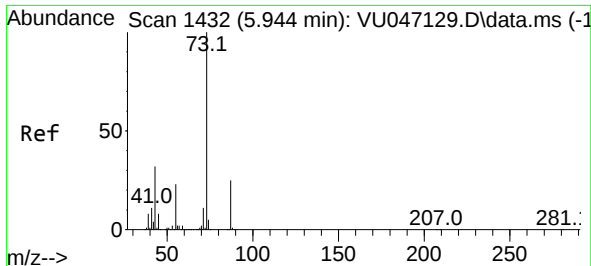
Tgt Ion: 45 Resp: 290126
Ion Ratio Lower Upper
45 100
43 47.8 25.3 75.8



#32
Ethyl-t-butyl ether
Concen: 30.946 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.003 min
Lab File: VU047136.D
Acq: 14 Feb 2022 16:58

Tgt Ion: 59 Resp: 1283070
Ion Ratio Lower Upper
59 100
87 42.3 32.7 49.1

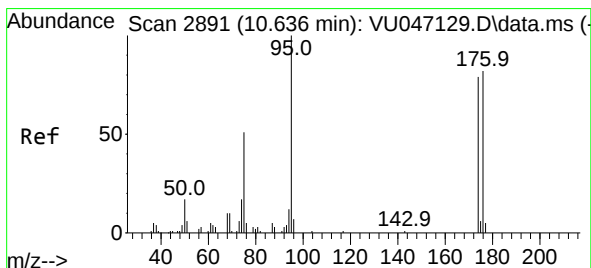
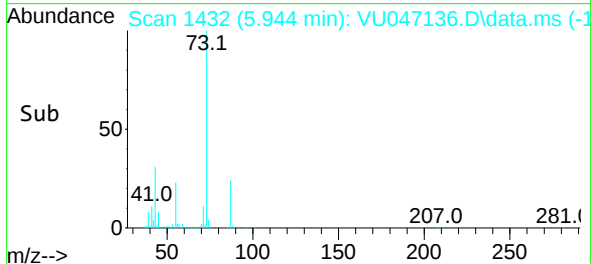
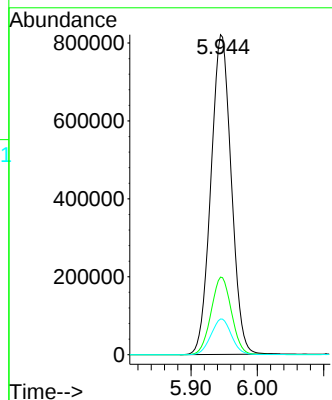
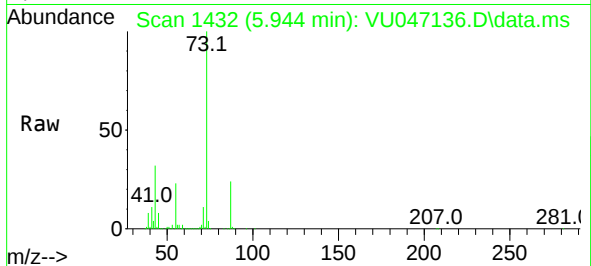




#33
Tert-Amyl methyl ether
Concen: 45.737 ug/l
RT: 5.944 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VU047136.D
Acq: 14 Feb 2022 16:58

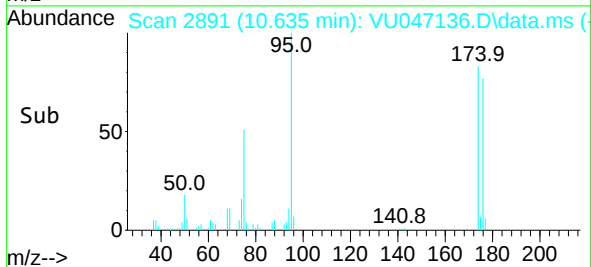
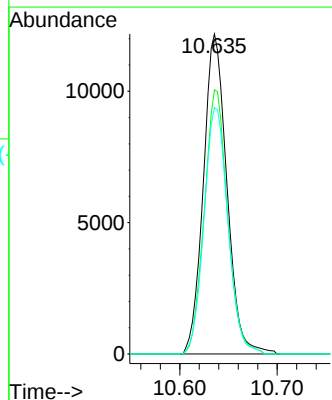
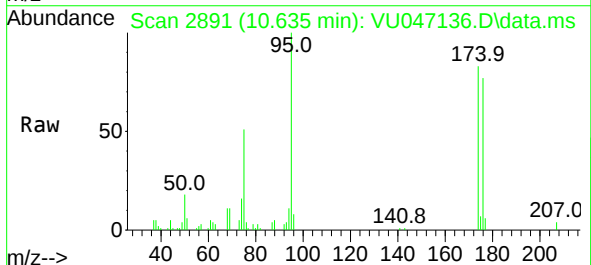
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WS

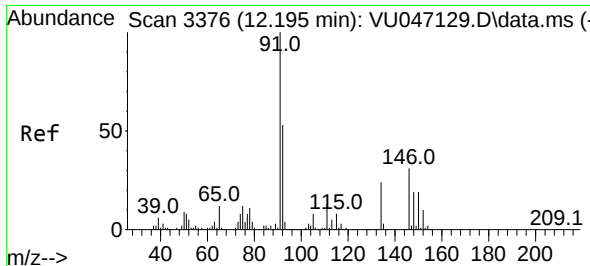
Tgt Ion: 73 Resp: 1746646
Ion Ratio Lower Upper
73 100
87 24.3 18.6 28.0
71 11.2 9.0 13.6



#57
4-Bromofluorobenzene
Concen: 0.944 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU047136.D
Acq: 14 Feb 2022 16:58

Tgt Ion: 95 Resp: 20398
Ion Ratio Lower Upper
95 100
174 81.6 56.6 84.8
176 78.4 54.3 81.5

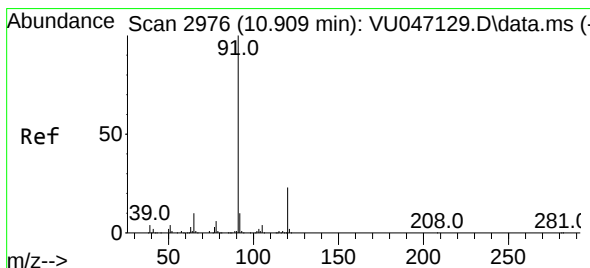
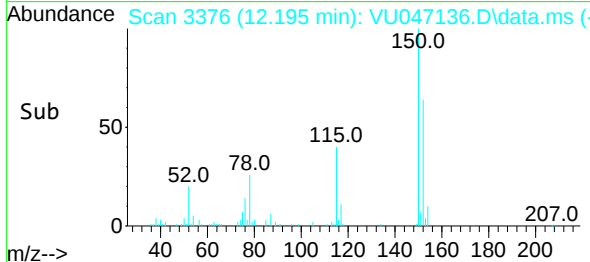
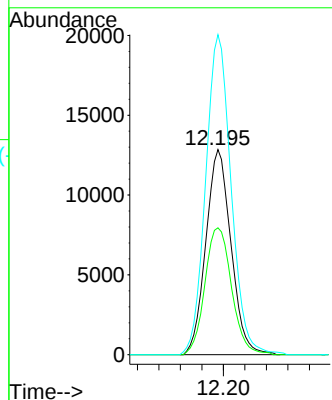
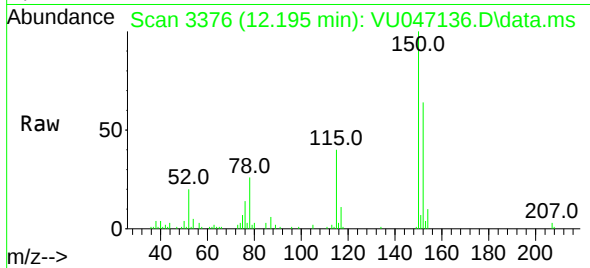




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.929 ug/l
 RT: 12.195 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU047136.D
 Acq: 14 Feb 2022 16:58

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WS

Tgt Ion:152 Resp: 20901
 Ion Ratio Lower Upper
 152 100
 115 65.5 0.0 251.0
 150 157.8 0.0 613.8



#73
 n-propylbenzene
 Concen: 44.693 ug/l
 RT: 10.909 min Scan# 2976
 Delta R.T. -0.000 min
 Lab File: VU047136.D
 Acq: 14 Feb 2022 16:58

Tgt Ion:120 Resp: 887754
 Ion Ratio Lower Upper
 120 100
 91 434.2 370.7 556.1

