

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012921\
 Data File : VU042222.D
 Acq On : 29 Jan 2021 13:29
 Operator : SY/MD
 Sample : M1126-10DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WSDL

Quant Time: Jan 30 01:19:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jan 29 09:59:59 2021
 Response via : Initial Calibration

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

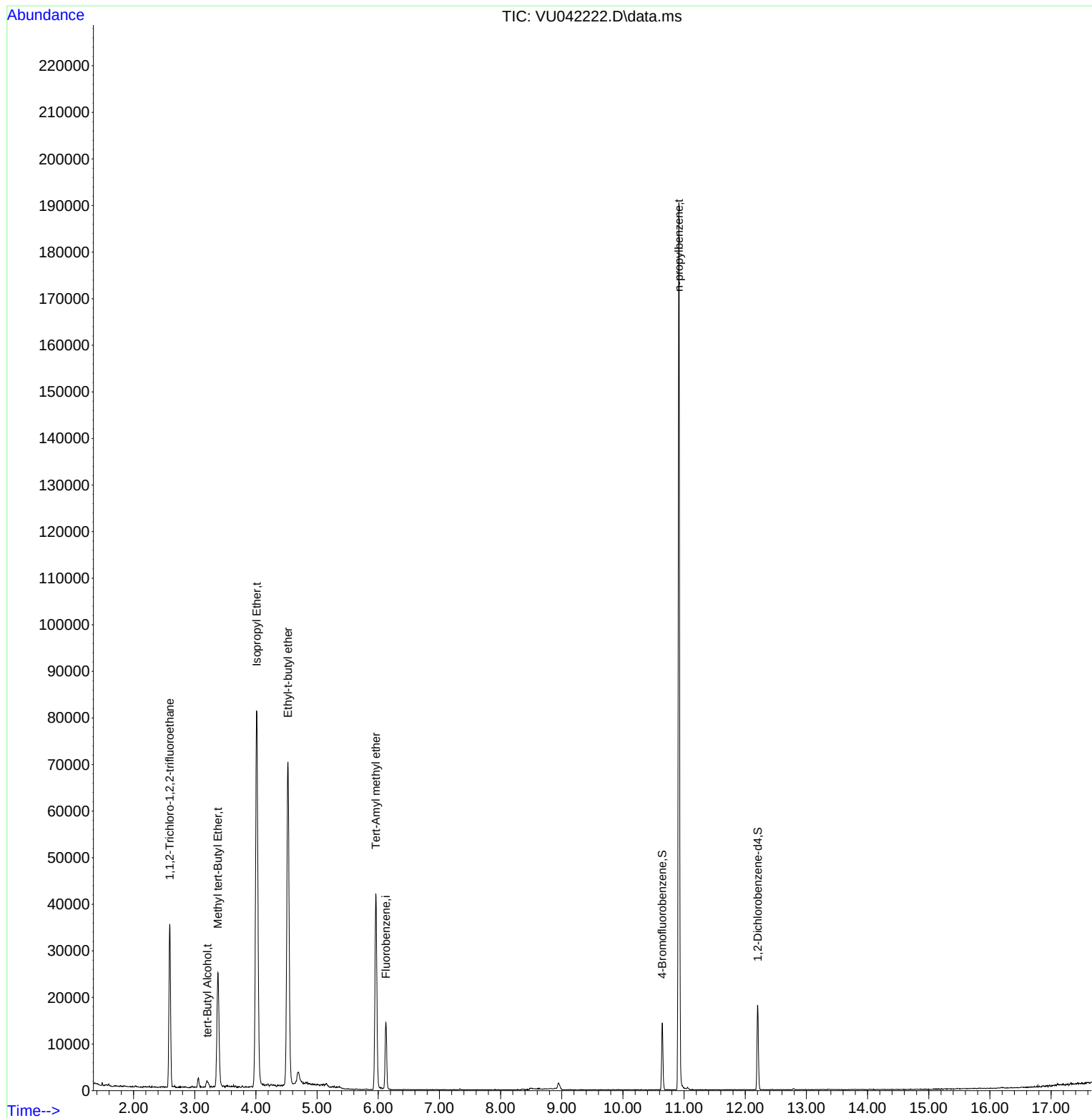
Internal Standards						
1) Fluorobenzene	6.125	96	12788	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	4909	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	12.205	152	4958	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	13598	4.19	ug/l	99
24) tert-Butyl Alcohol	3.208	59	1587	8.97	ug/l #	72
25) Methyl tert-Butyl Ether	3.379	73	26827	3.10	ug/l	97
31) Isopropyl Ether	4.012	45	91823	7.88	ug/l	99
32) Ethyl-t-butyl ether	4.523	59	74588	7.12	ug/l	99
33) Tert-Amyl methyl ether	5.961	73	33747	3.45	ug/l	99
73) n-propylbenzene	10.915	120	31505	6.90	ug/l	97

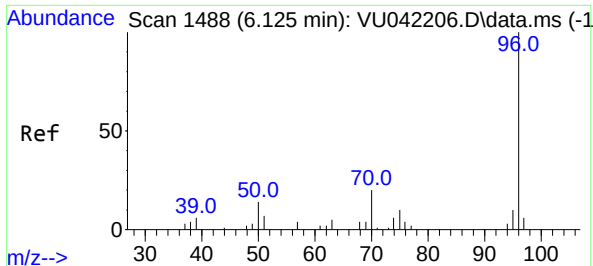
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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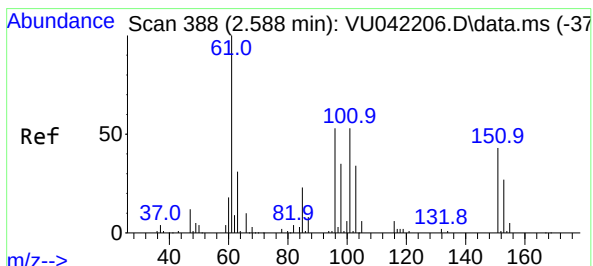
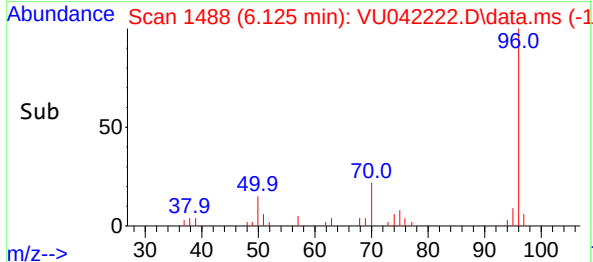
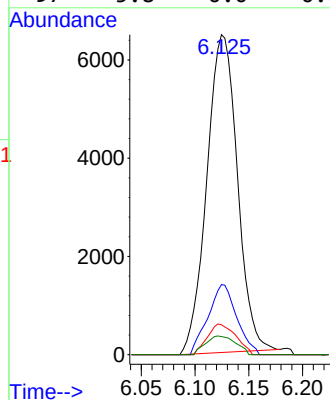
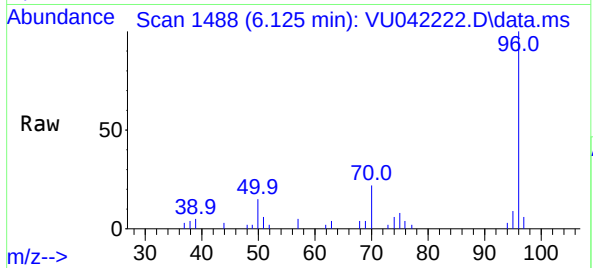


#1
Fluorobenzene
Concen: 1.00 ug/l
RT: 6.125 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL

Tgt Ion: 96 Resp: 12788

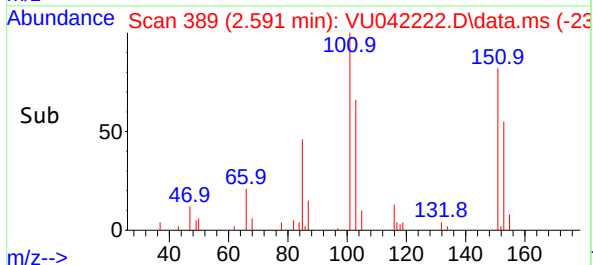
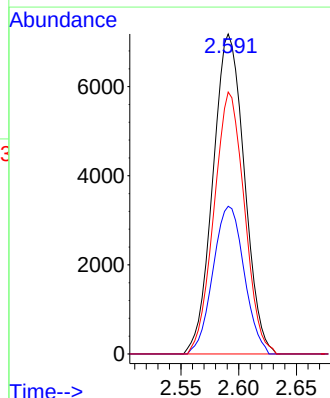
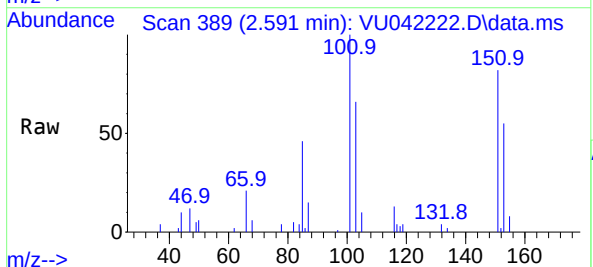
Ion	Ratio	Lower	Upper
96	100		
70	20.7	16.3	24.5
95	9.0	7.6	11.4
97	5.8	0.0	0.0

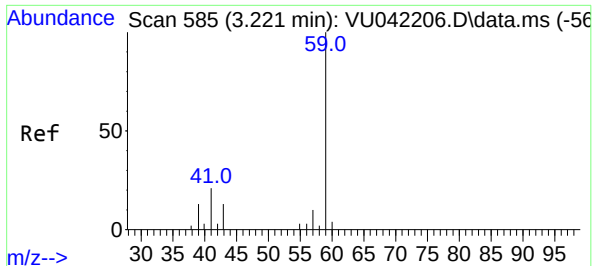


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.19 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

Tgt Ion: 101 Resp: 13598

Ion	Ratio	Lower	Upper
101	100		
85	45.7	36.1	54.1
151	79.3	64.6	97.0

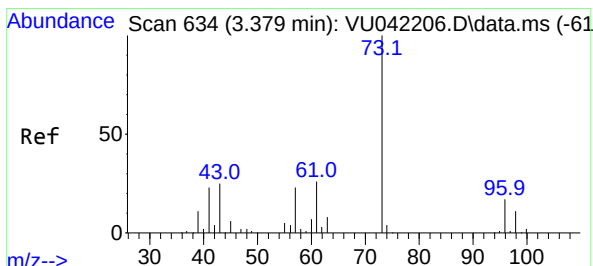
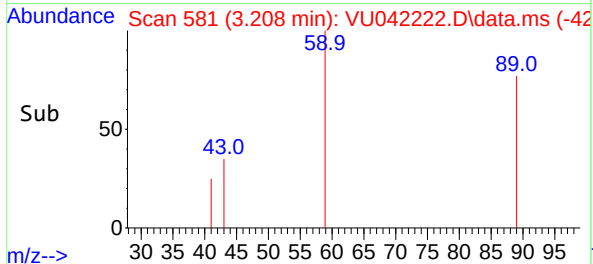
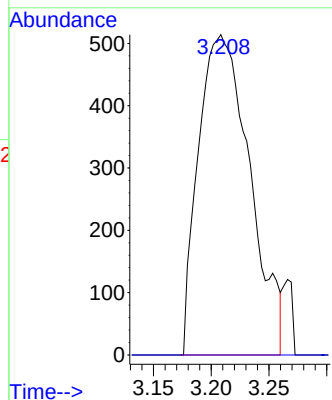
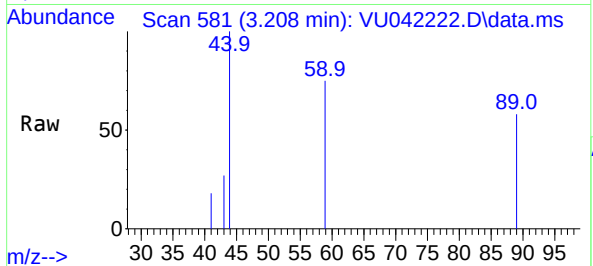




#24
tert-Butyl Alcohol
Concen: 8.97 ug/l
RT: 3.208 min Scan# 581
Delta R.T. -0.013 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

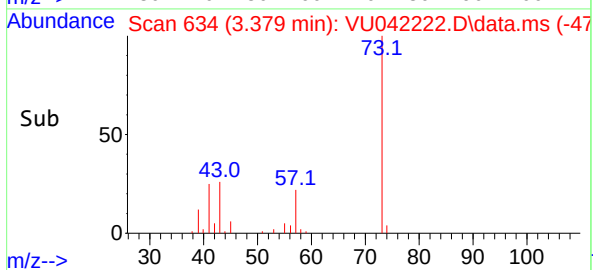
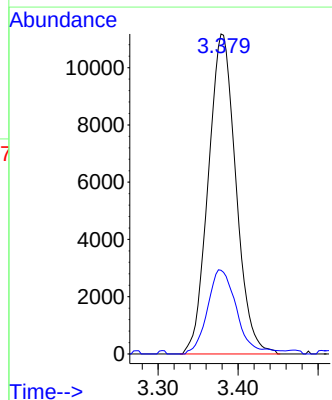
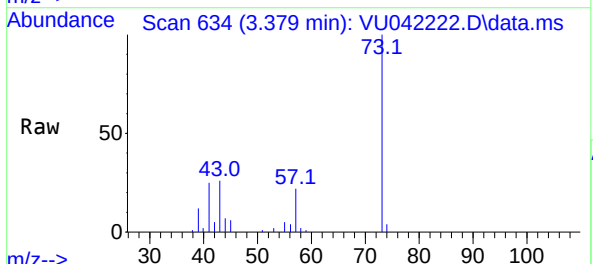
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL

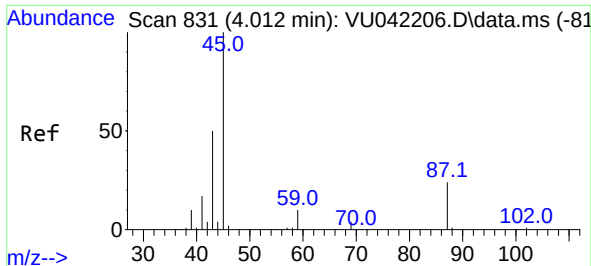
Tgt Ion: 59 Resp: 1587
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#25
Methyl tert-Butyl Ether
Concen: 3.10 ug/l
RT: 3.379 min Scan# 634
Delta R.T. -0.000 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

Tgt Ion: 73 Resp: 26827
Ion Ratio Lower Upper
73 100
43 27.1 20.3 30.5

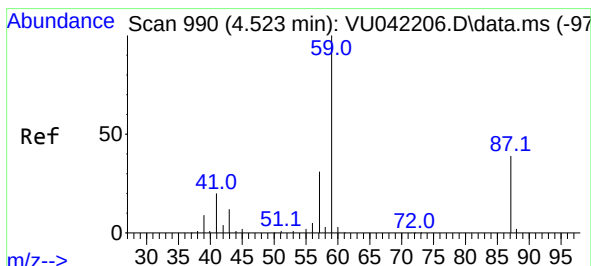
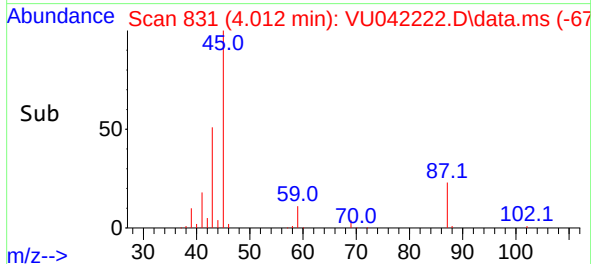
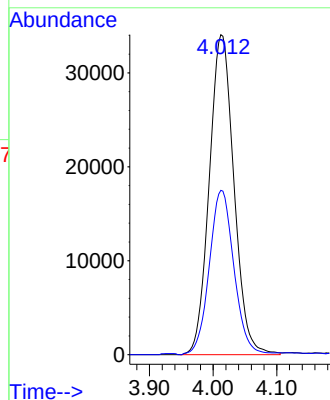
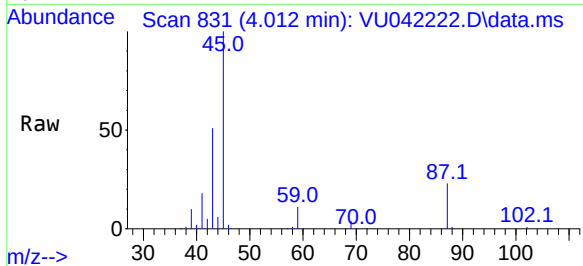




#31
Isopropyl Ether
Concen: 7.88 ug/l
RT: 4.012 min Scan# 831
Delta R.T. 0.000 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

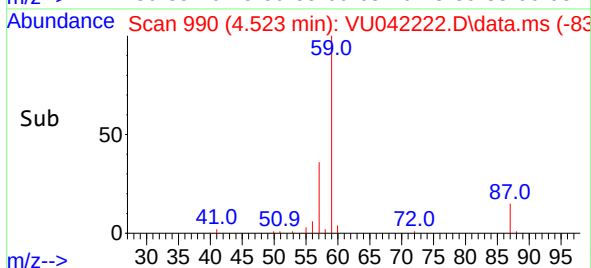
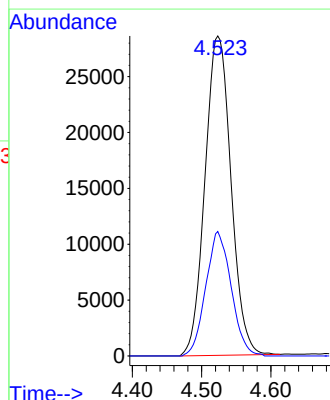
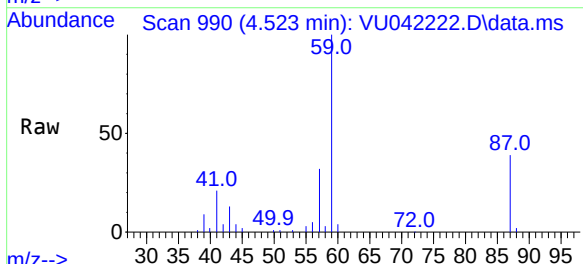
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL

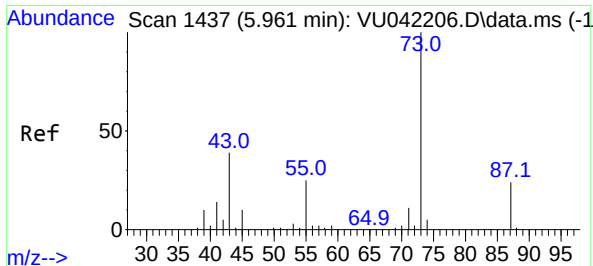
Tgt Ion: 45 Resp: 91823
Ion Ratio Lower Upper
45 100
43 51.3 25.4 76.0



#32
Ethyl-t-butyl ether
Concen: 7.12 ug/l
RT: 4.523 min Scan# 990
Delta R.T. 0.000 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

Tgt Ion: 59 Resp: 74588
Ion Ratio Lower Upper
59 100
87 38.1 31.0 46.4

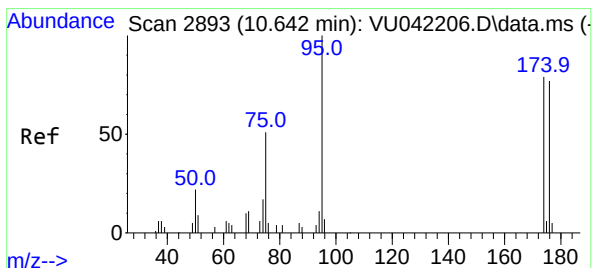
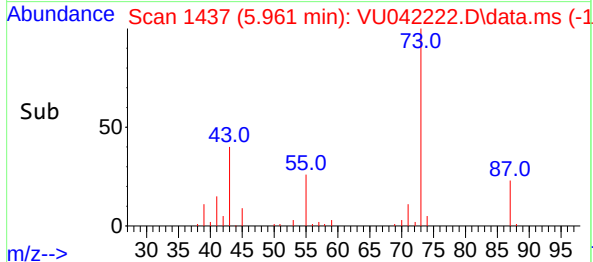
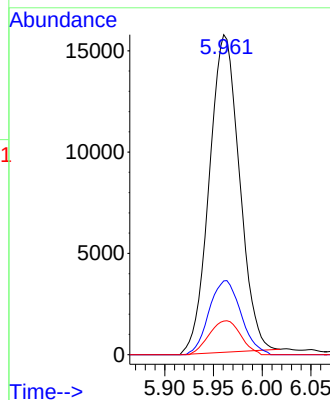
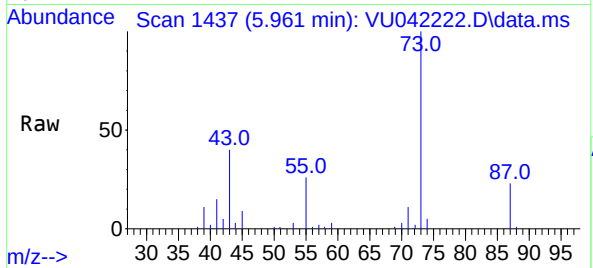




#33
Tert-Amyl methyl ether
Concen: 3.45 ug/l
RT: 5.961 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

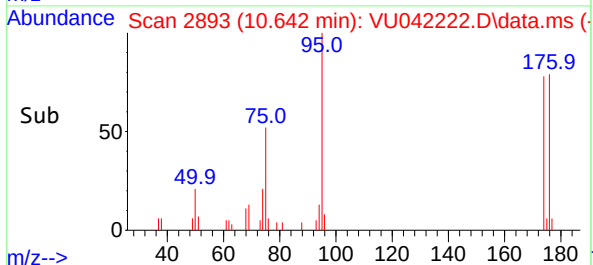
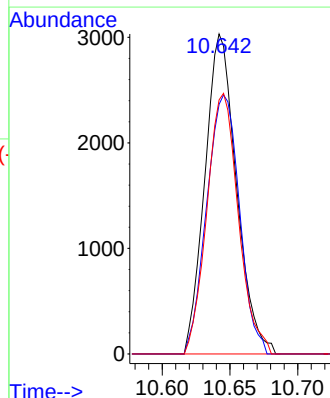
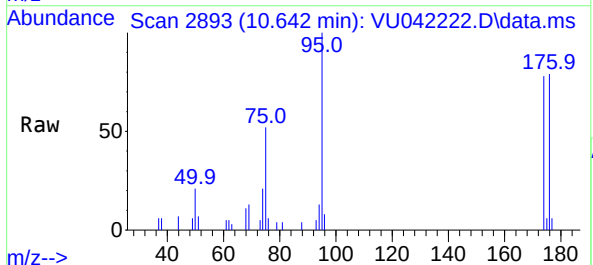
Instrument :
MSVOA_U
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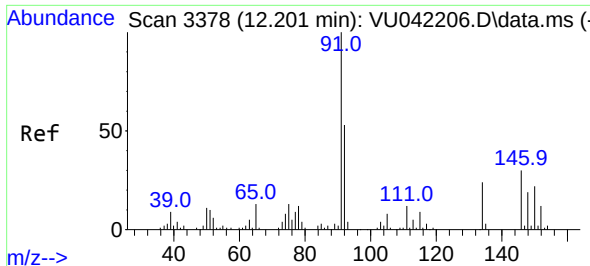
Tgt Ion: 73	Resp: 33747
Ion Ratio	Lower Upper
73 100	
87 24.7	19.4 29.2
71 11.2	9.0 13.6



#57
4-Bromofluorobenzene
Concen: 0.99 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.000 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

Tgt Ion: 95	Resp: 4909
Ion Ratio	Lower Upper
95 100	
174 84.0	69.6 104.4
176 81.3	65.5 98.3

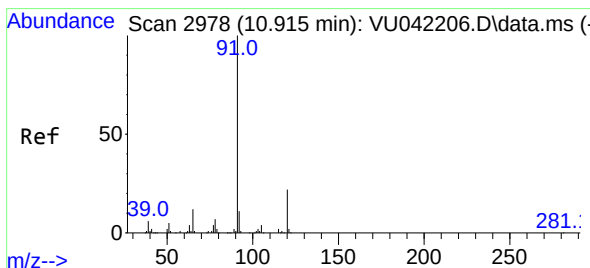
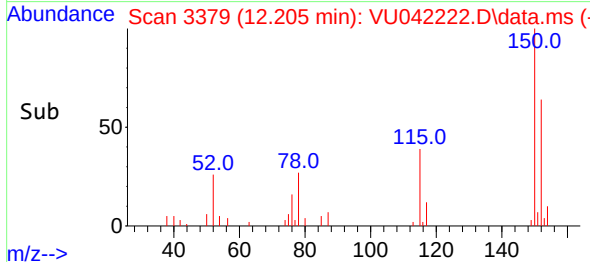
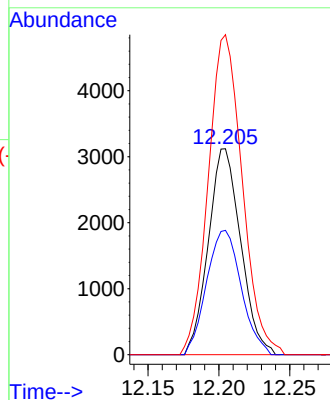
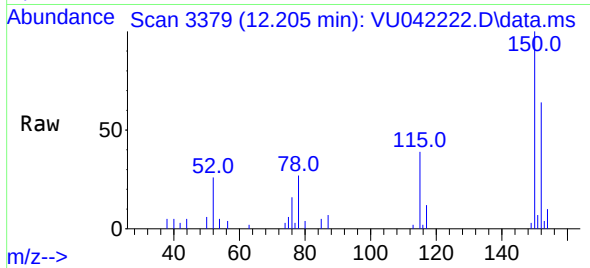




#68
1,2-Dichlorobenzene-d4
Concen: 0.98 ug/l
RT: 12.205 min Scan# 3379
Delta R.T. 0.004 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

Instrument :
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PT-ADD-WSDL

Tgt Ion:152 Resp: 4958
Ion Ratio Lower Upper
152 100
115 64.5 0.0 243.2
150 163.2 0.0 642.6



#73
n-propylbenzene
Concen: 6.90 ug/l
RT: 10.915 min Scan# 2978
Delta R.T. 0.000 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

Tgt Ion:120 Resp: 31505
Ion Ratio Lower Upper
120 100
91 451.1 355.1 532.7

