

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 00:50:35 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)

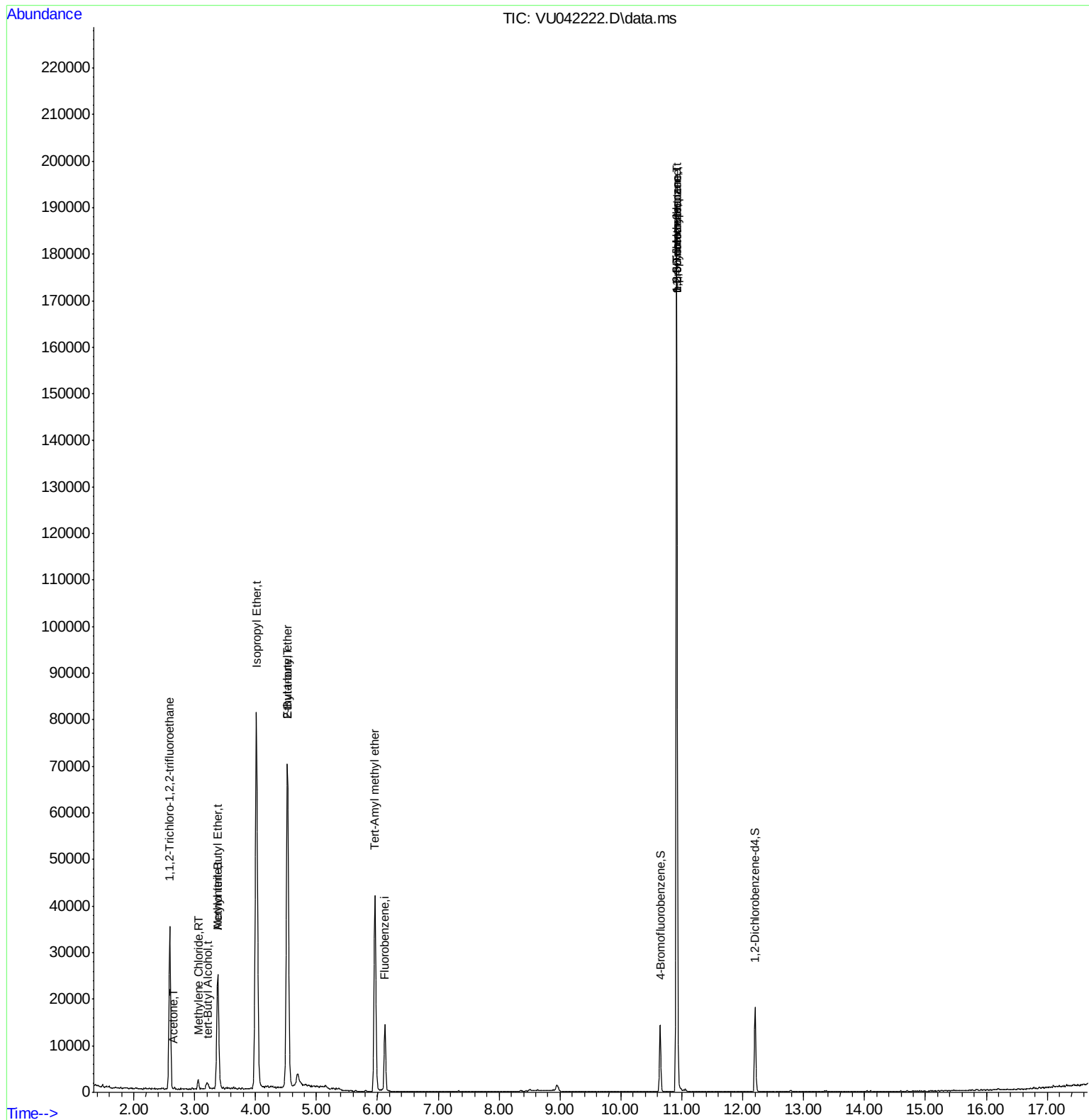
Internal Standards						
1) Fluorobenzene	6.125	96	12788	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	4909	0.99	ug/l	0.00
Spiked Amount	1.000		Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	12.205	152	4958	0.98	ug/l	0.00
Spiked Amount	1.000		Recovery	=	98.00%	
Target Compounds						
						Qvalue
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	13598	4.19	ug/l	99
12) Acrylonitrile	3.379	53	241	0.32	ug/l #	38
13) Acetone	2.652	43	452	0.91	ug/l #	48
15) Methylene Chloride	3.064	84	796	0.22	ug/l	91
18) 2-Butanone	4.523	43	10276	10.49	ug/l #	1
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
46) t-1,4-Dichloro-2-butene	10.915	75	821	0.76	ug/l #	1
71) 1,2,3-Trichloropropane	10.915	75	821	0.29	ug/l #	1
73) n-propylbenzene	10.915	120	31505	6.90	ug/l	97
75) 1,3,5-Trimethylbenzene	10.915	105	5066	0.34	ug/l #	1

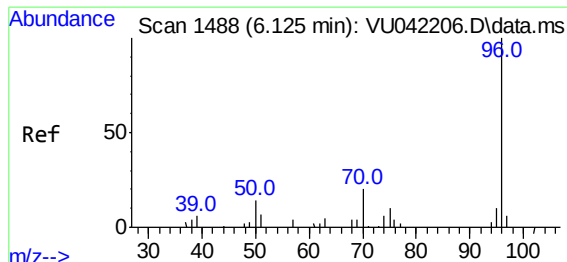
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU042222.D
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Misc : 25.0mL/MSVOA_U/WATER
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Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL

Quant Time: Jan 30 00:50:35 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



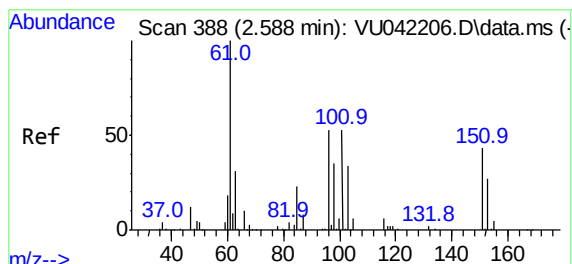
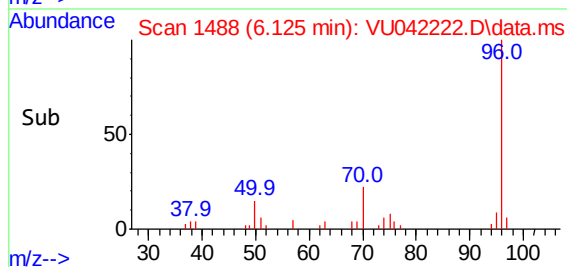
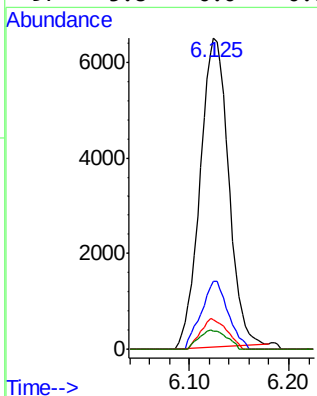
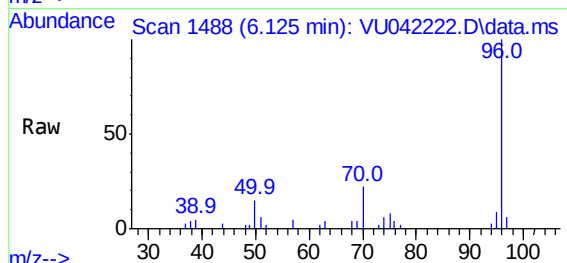


#1
Fluorobenzene
Concen: 1.00 ug/l
RT: 6.125 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL

Tgt Ion: 96 Resp: 12788

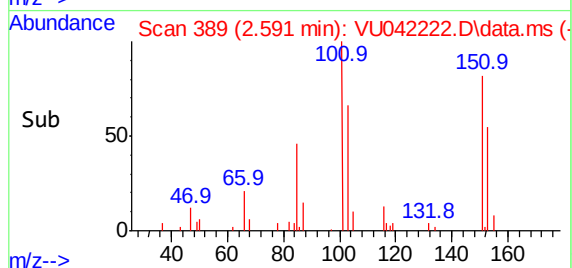
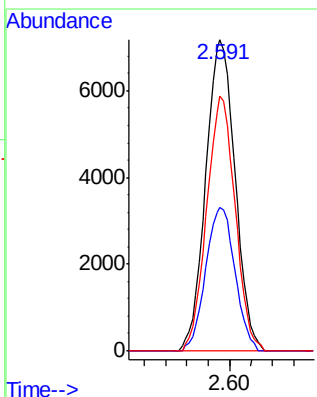
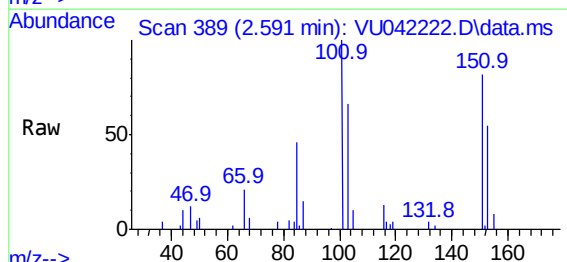
Ion	Ratio	Lower	Upper
96	100		
70	20.7	16.3	24.5
95	9.0	7.6	11.4
97	5.8	0.0	0.0

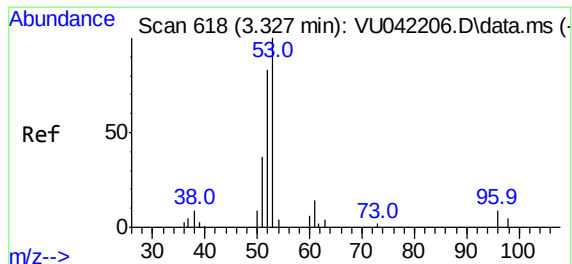


#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.19 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

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

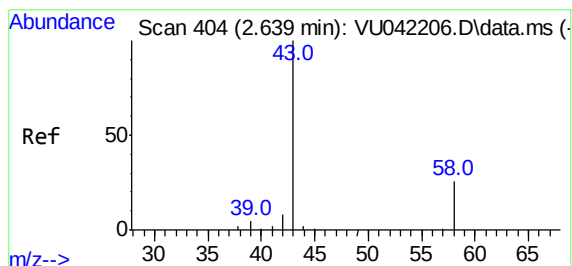
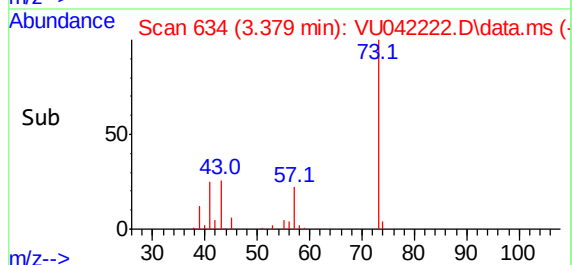
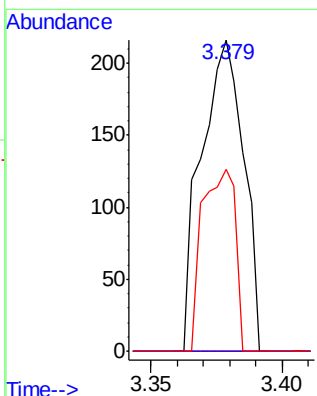
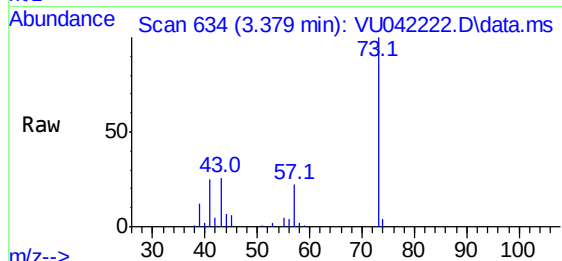




#12
Acrylonitrile
Concen: 0.32 ug/l
RT: 3.379 min Scan# 634
Delta R.T. 0.052 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

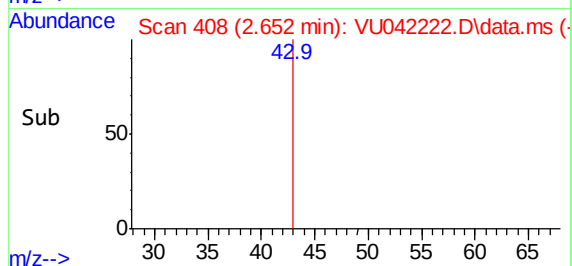
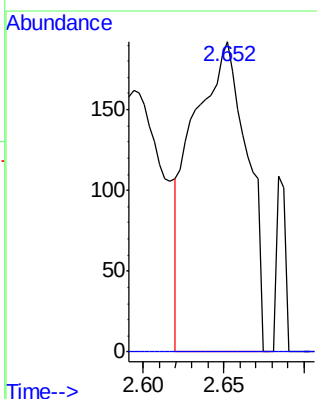
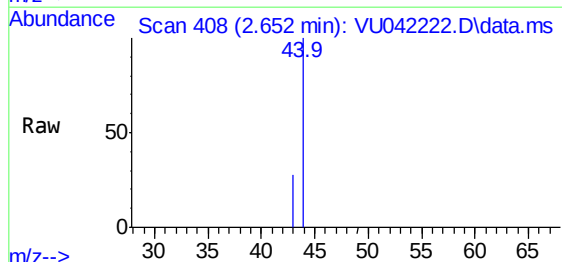
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL

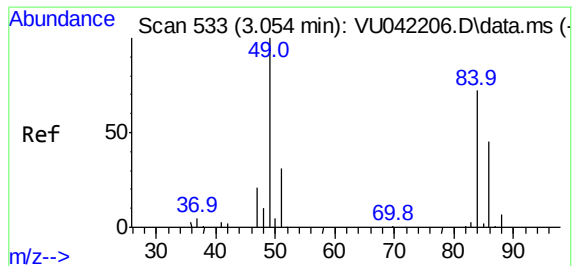
Tgt Ion: 53 Resp: 241
Ion Ratio Lower Upper
53 100
52 0.0 63.7 95.5#
51 45.6 32.7 49.1



#13
Acetone
Concen: 0.91 ug/l
RT: 2.652 min Scan# 408
Delta R.T. 0.013 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

Tgt Ion: 43 Resp: 452
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#

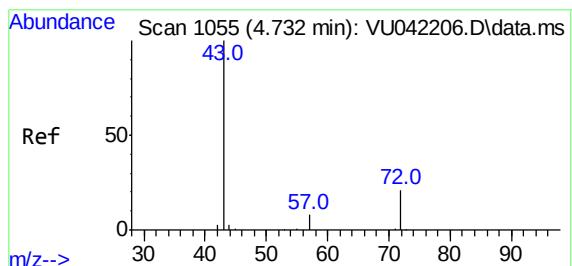
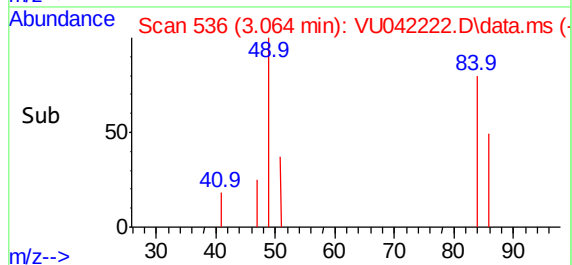
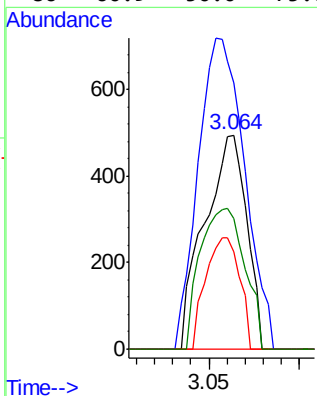
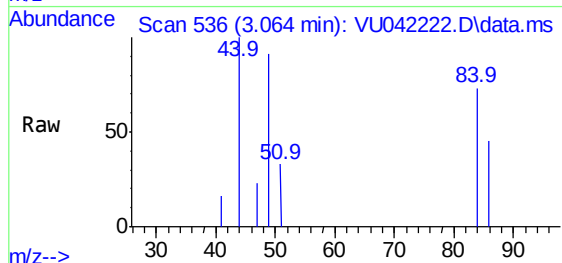




#15
Methylene Chloride
Concen: 0.22 ug/l
RT: 3.064 min Scan# 536
Delta R.T. 0.010 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

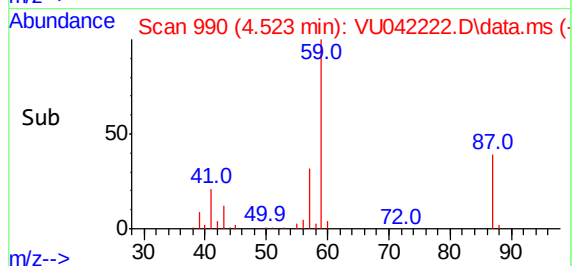
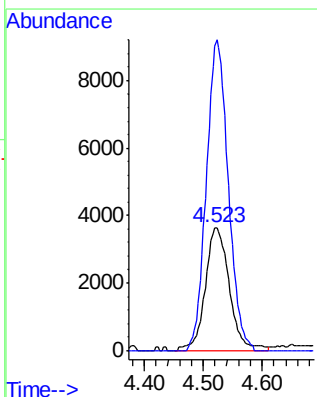
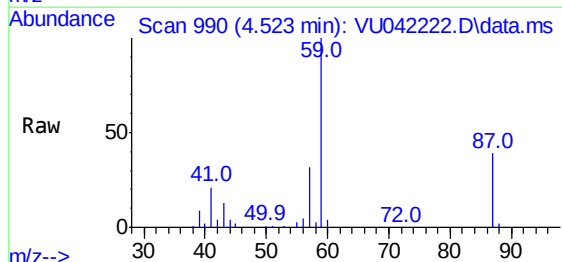
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL

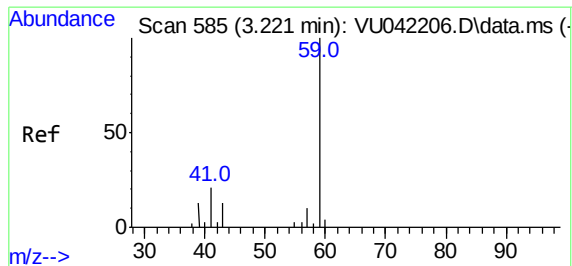
Tgt Ion: 84 Resp: 796
Ion Ratio Lower Upper
84 100
49 124.3 111.8 167.6
51 45.5 0.0 85.4
86 60.9 50.0 75.0



#18
2-Butanone
Concen: 10.49 ug/l
RT: 4.523 min Scan# 990
Delta R.T. -0.209 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

Tgt Ion: 43 Resp: 10276
Ion Ratio Lower Upper
43 100
57 252.6 0.0 16.4#

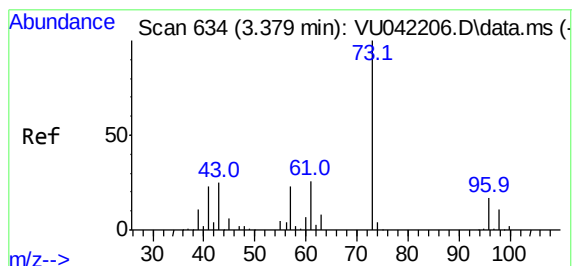
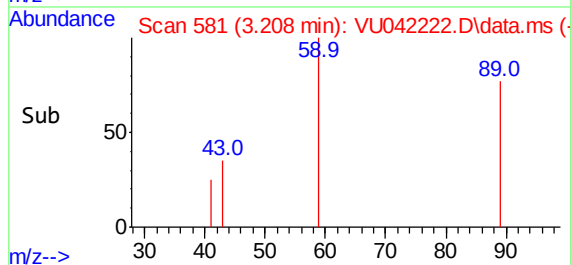
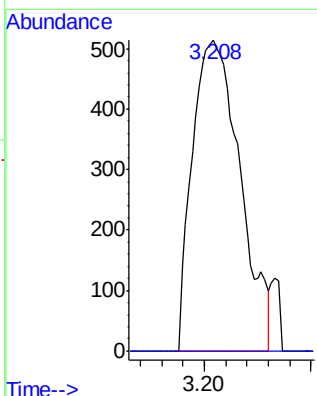
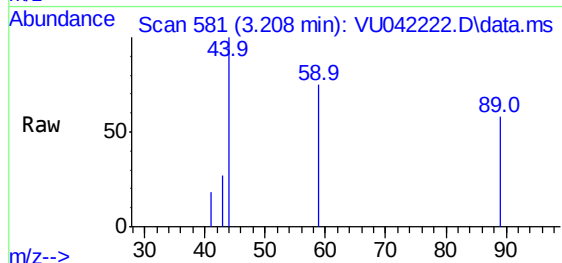




#24
tert-Butyl Alcohol
Concen: 8.97 ug/l
RT: 3.208 min Scan# 581
Delta R.T. -0.013 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

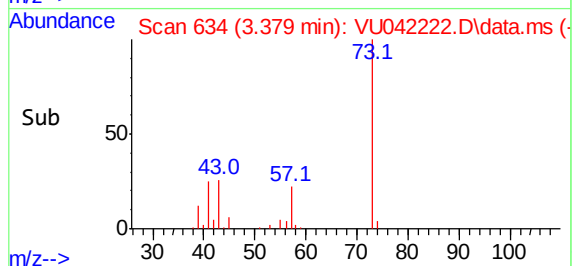
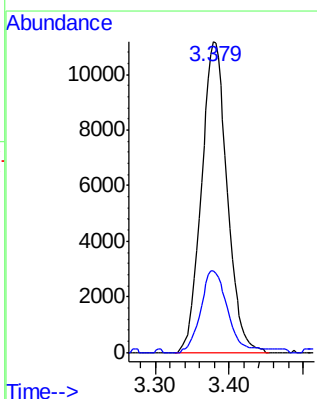
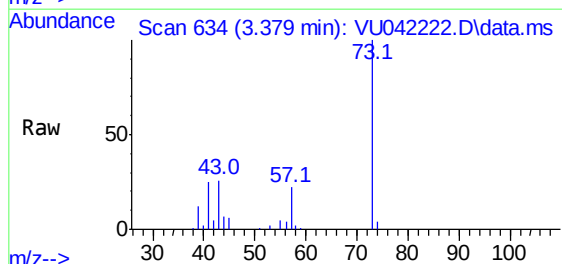
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL

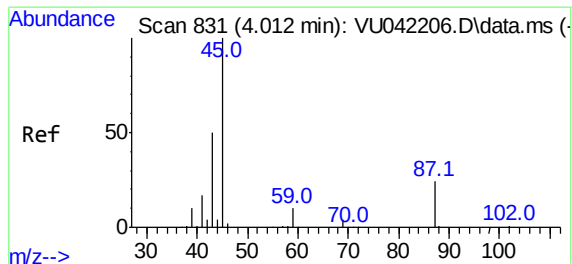
Tgt Ion: 59 Resp: 1587
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#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

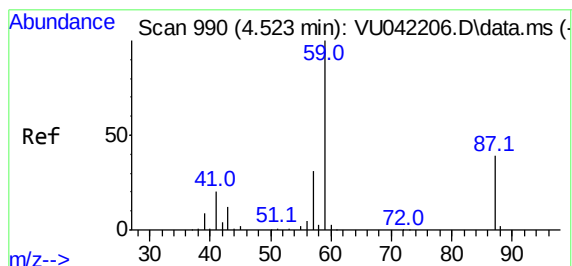
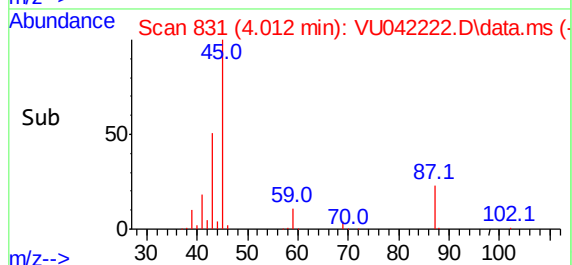
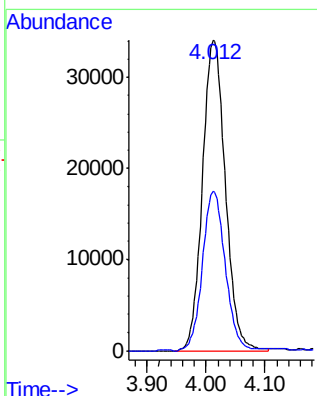
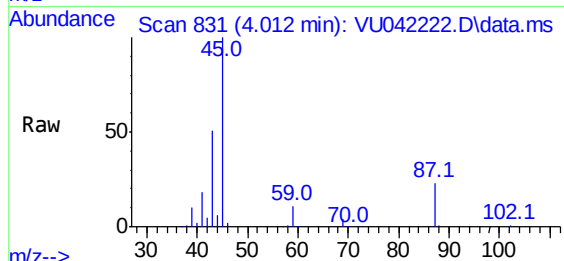




#31
Isopropyl Ether
Concen: 7.88 ug/l
RT: 4.012 min Scan# 831
Delta R.T. 0.000 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

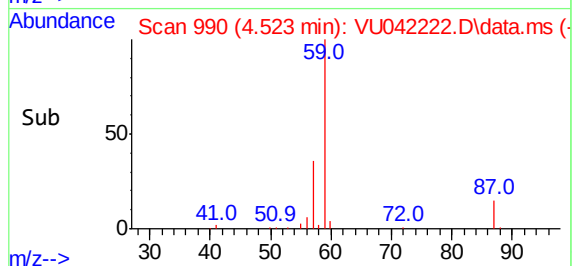
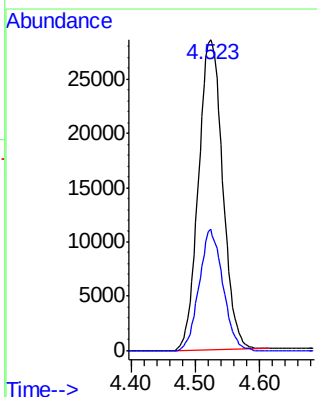
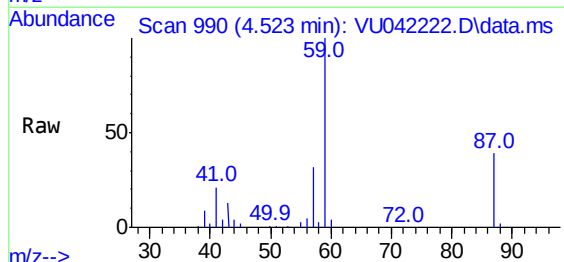
Instrument :
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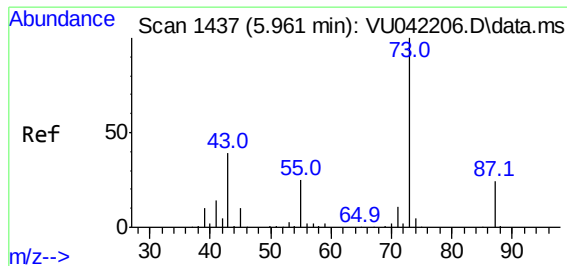
Tgt Ion: 45 Resp: 91823
Ion Ratio Lower Upper
45 100
43 51.3 25.4 76.0



#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

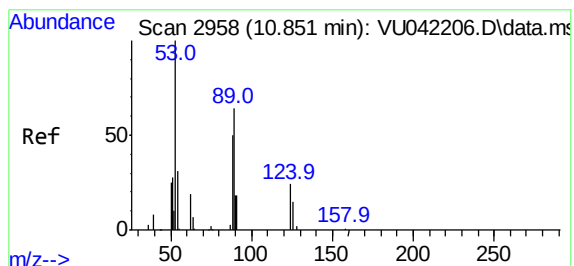
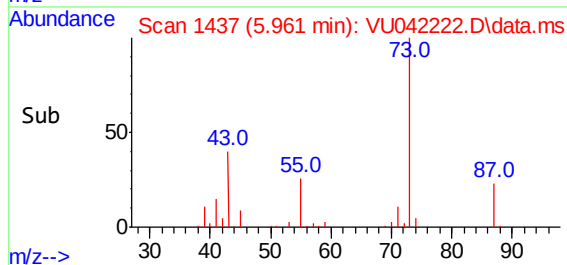
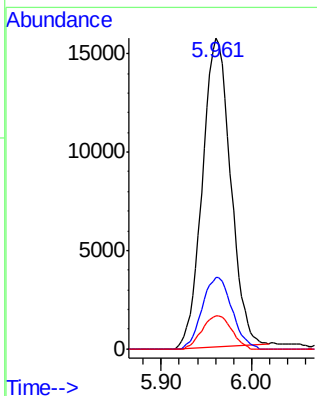
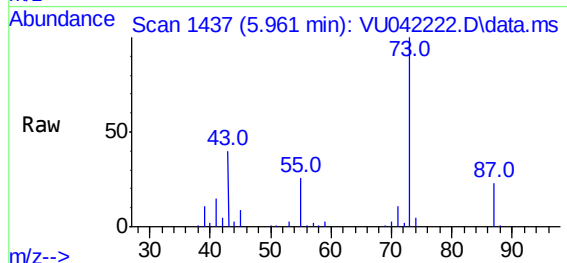




#33
Tert-Amyl methyl ether
Concen: 3.45 ug/l
RT: 5.961 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

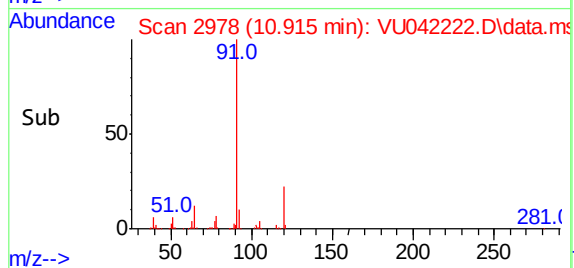
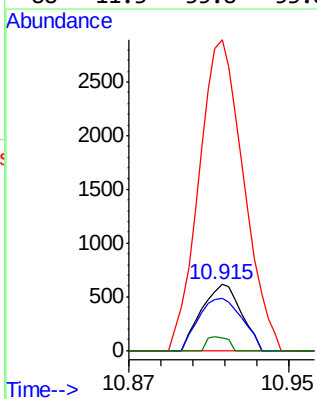
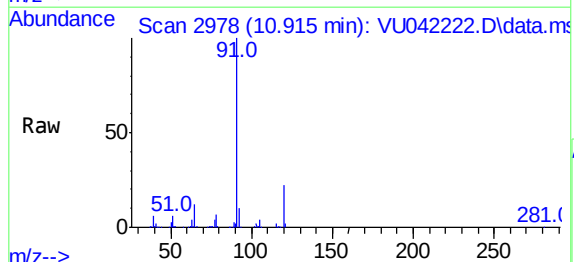
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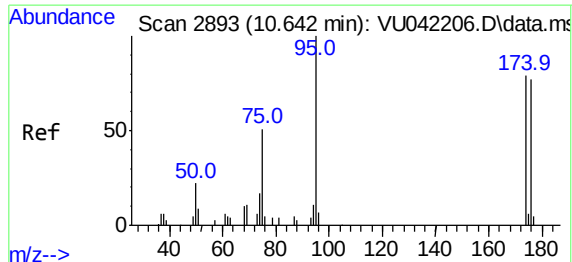
Tgt Ion: 73 Resp: 33747
Ion Ratio Lower Upper
73 100
87 24.7 19.4 29.2
71 11.2 9.0 13.6



#46
t-1,4-Dichloro-2-butene
Concen: 0.76 ug/l
RT: 10.915 min Scan# 2978
Delta R.T. 0.064 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

Tgt Ion: 75 Resp: 821
Ion Ratio Lower Upper
75 100
53 86.5 75.9 113.9
89 527.4 45.1 67.7#
88 11.3 35.8 53.8#

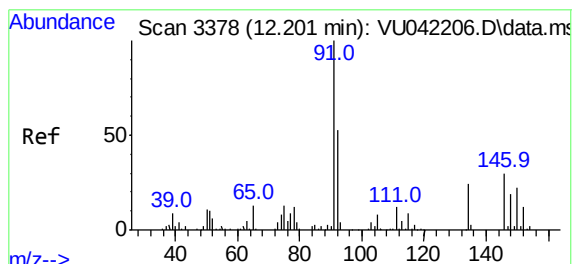
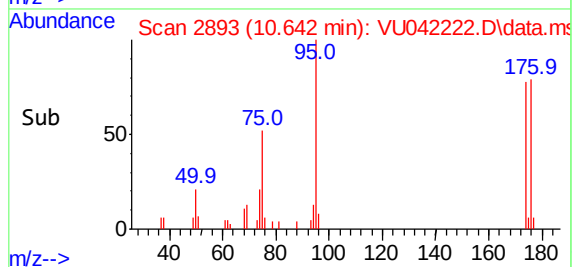
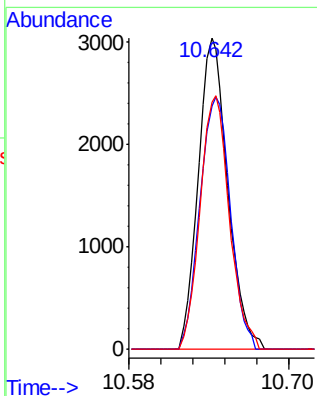
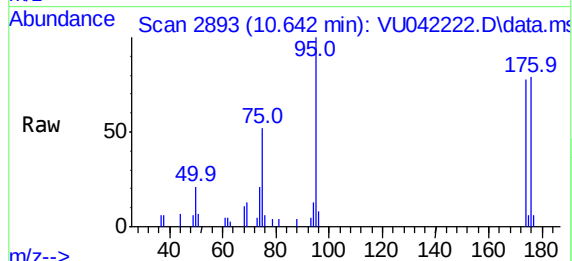




#57
4-Bromofluorobenzene
Concen: 0.99 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.000 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

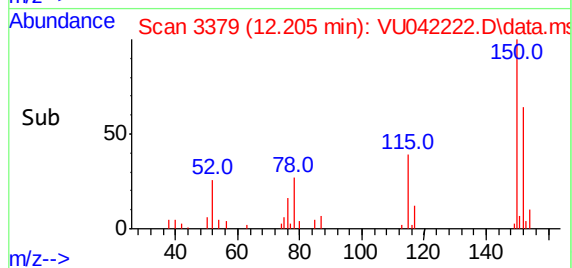
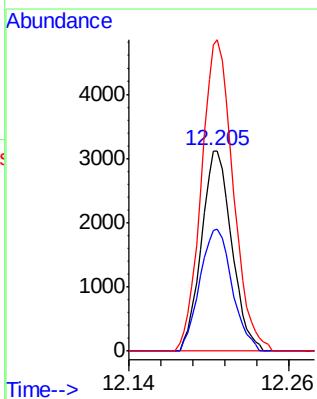
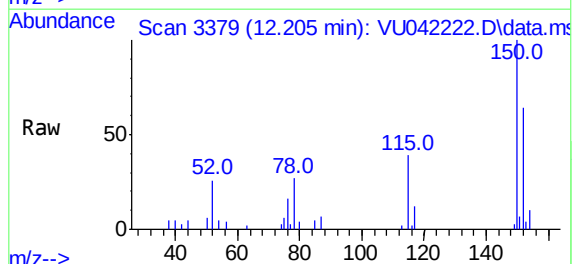
Instrument :
MSVOA_U
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PT-ADD-WSDL

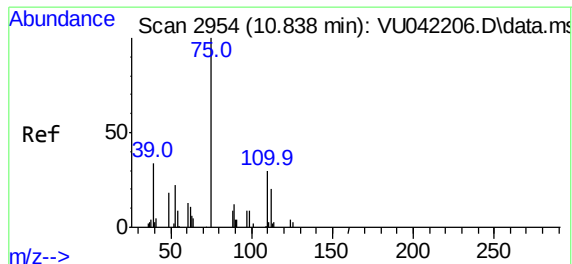
Tgt Ion: 95 Resp: 4909
Ion Ratio Lower Upper
95 100
174 84.0 69.6 104.4
176 81.3 65.5 98.3



#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

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

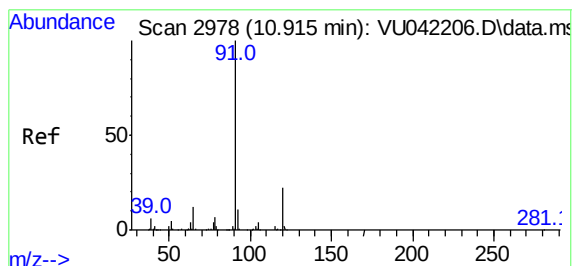
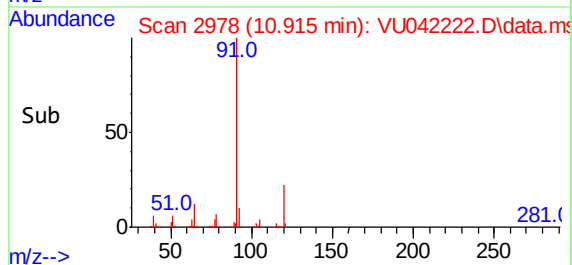
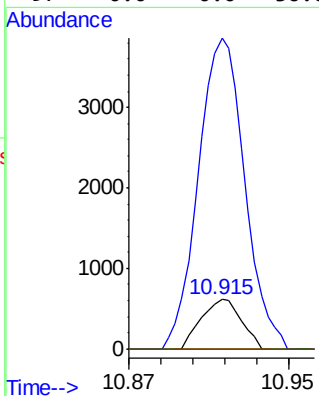
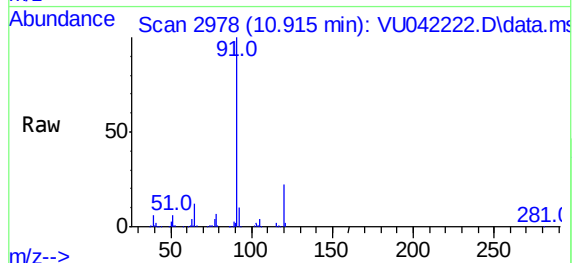




#71
1,2,3-Trichloropropane
Concen: 0.29 ug/l
RT: 10.915 min Scan# 2978
Delta R.T. 0.077 min
Lab File: VU042222.D
Acq: 29 Jan 2021 13:29

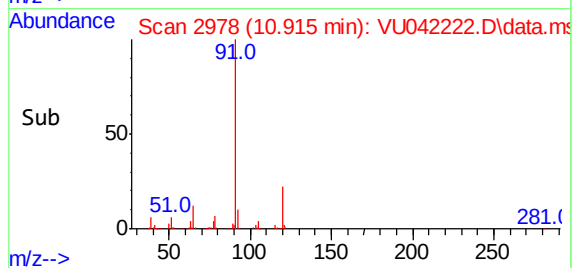
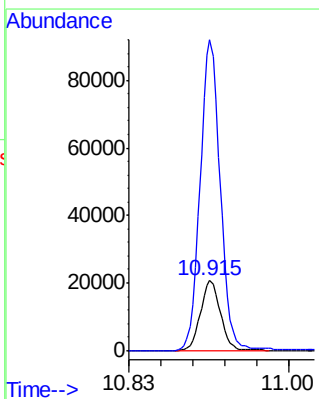
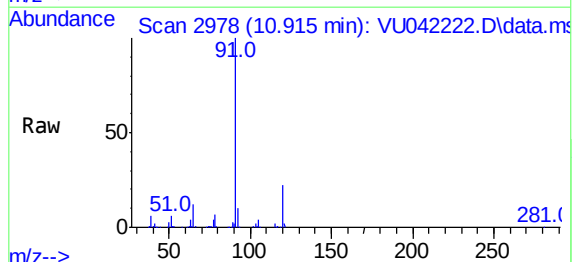
Instrument :
MSVOA_U
ClientSampleId :
PT-ADD-WSDL

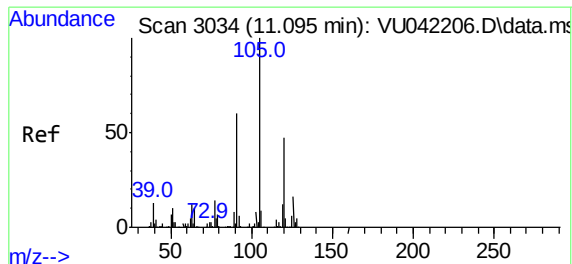
Tgt Ion: 75 Resp: 821
Ion Ratio Lower Upper
75 100
77 732.3 0.0 107.2#
110 0.0 0.0 69.0
97 0.0 0.0 36.6



#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

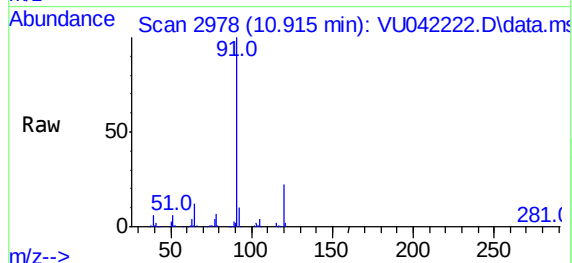
Tgt Ion: 120 Resp: 31505
Ion Ratio Lower Upper
120 100
91 451.1 355.1 532.7





#75
 1,3,5-Trimethylbenzene
 Concen: 0.34 ug/l
 RT: 10.915 min Scan# 2978
 Delta R.T. -0.180 min
 Lab File: VU042222.D
 Acq: 29 Jan 2021 13:29

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-ADD-WSDL



Tgt Ion:105 Resp: 5066
 Ion Ratio Lower Upper
 105 100
 120 621.9 37.8 56.8#

