

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012320\
 Data File : VU036533.D
 Acq On : 23 Jan 2020 11:00
 Operator : JC/MD
 Sample : VU0123WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 00:51:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U012220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jan 23 08:59:25 2020
 Response via : Initial Calibration

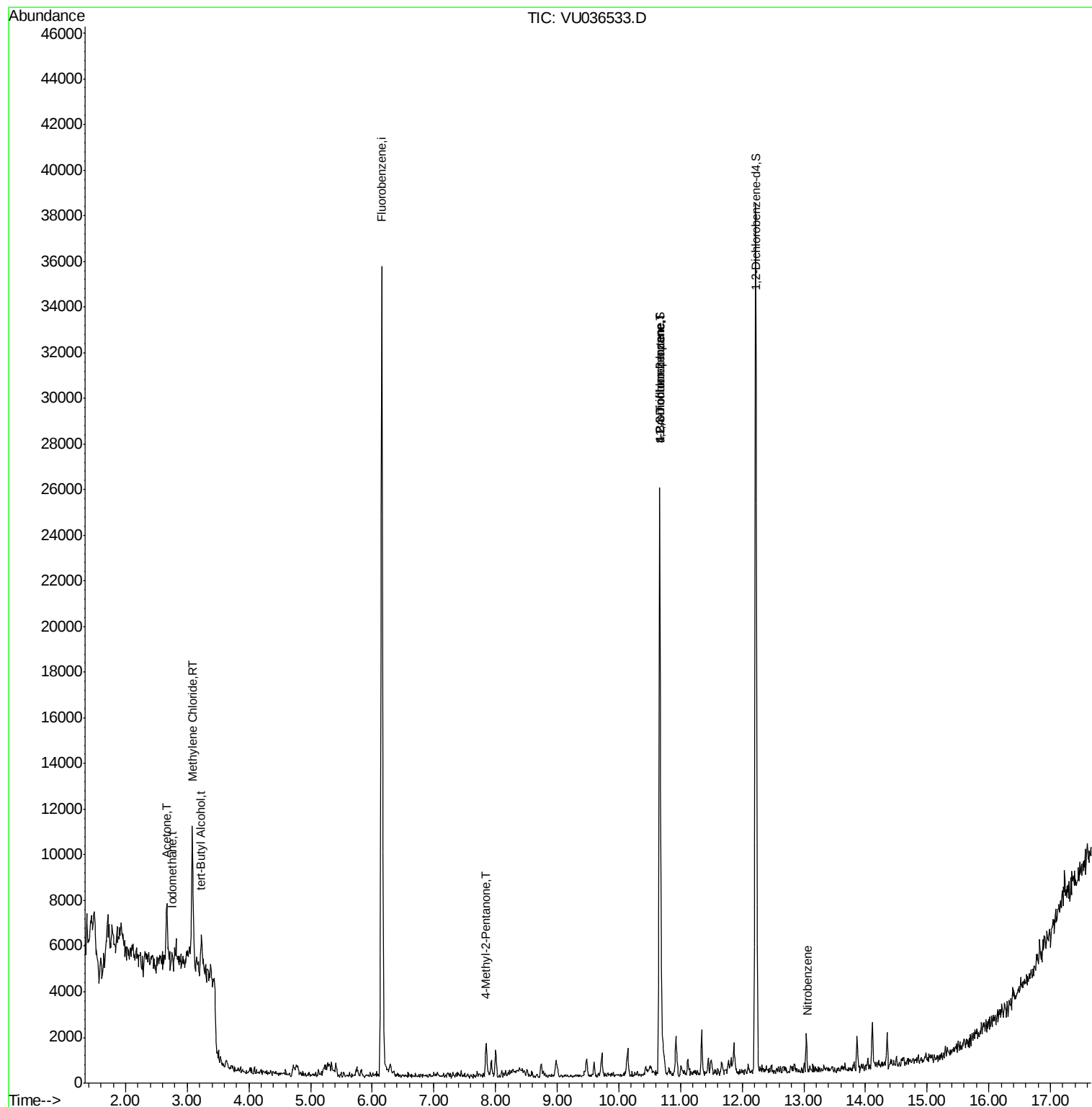
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.16	96	34241	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	12224	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	11927	0.90	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.00%	
Target Compounds						Ovalue
10) Iodomethane	2.76	142	107	0.648	ug/l #	37
13) Acetone	2.67	43	3814	1.197	ug/l	99
15) Methylene Chloride	3.08	84	2639	0.223	ug/l #	90
24) tert-Butyl Alcohol	3.23	59	962	1.548	ug/l #	78
45) 4-Methyl-2-Pentanone	7.84	43	1226	0.219	ug/l #	70
46) t-1,4-Dichloro-2-butene	10.66	75	5785	2.342	ug/l #	28
71) 1,2,3-Trichloropropane	10.66	75	5785	0.910	ug/l #	32
80) Nitrobenzene	13.06	77	39	0.305	ug/l #	40
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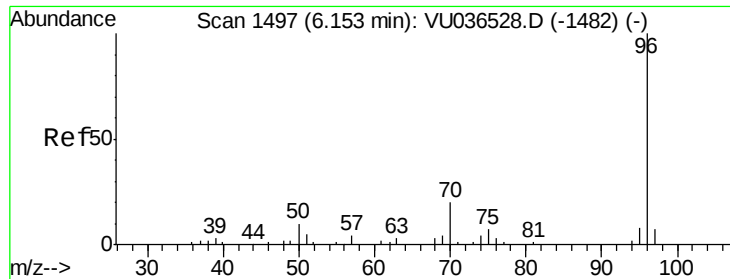
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.16 min Scan# 1498

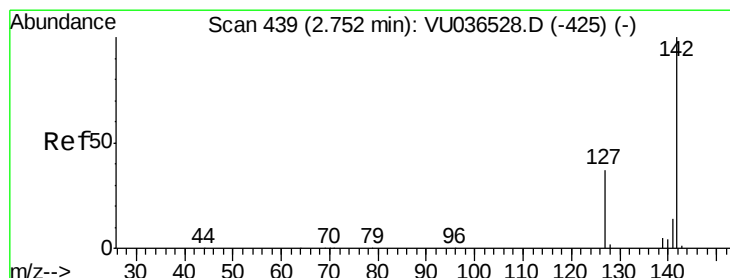
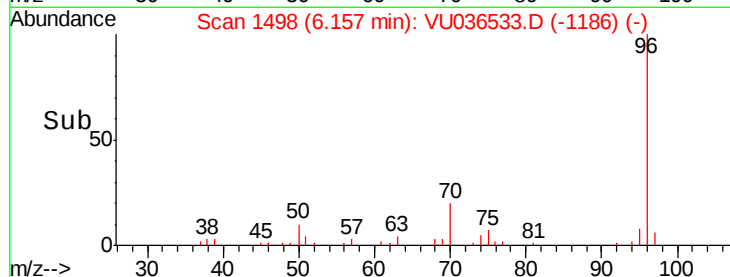
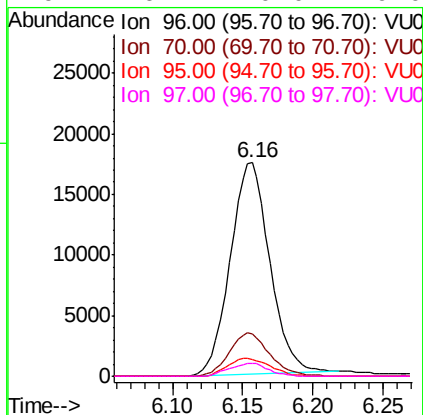
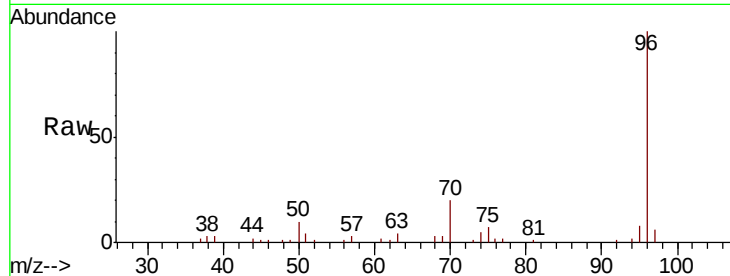
Delta R.T. 0.00 min

Lab File: VU036533.D

Acq: 23 Jan 2020 11:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	96	Resp:	34241
Ion	Ratio	Lower	Upper
96	100		
70	20.8	15.6	23.4
95	9.0	7.0	10.6
97	6.2	0.0	0.0#



#10

Iodomethane

Concen: 0.648 ug/l

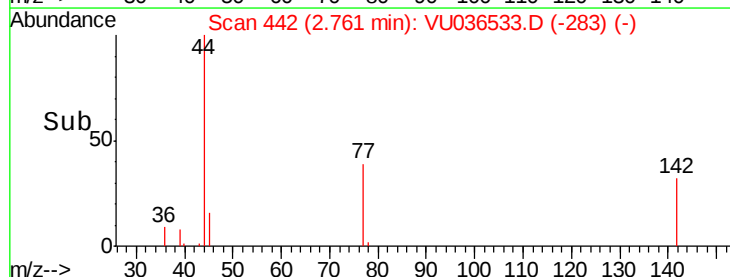
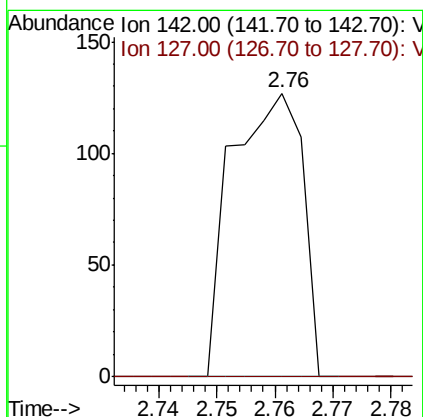
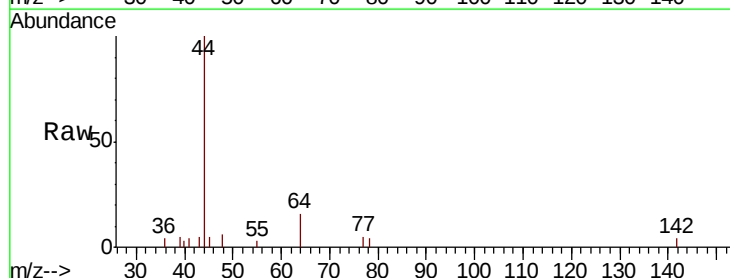
RT: 2.76 min Scan# 442

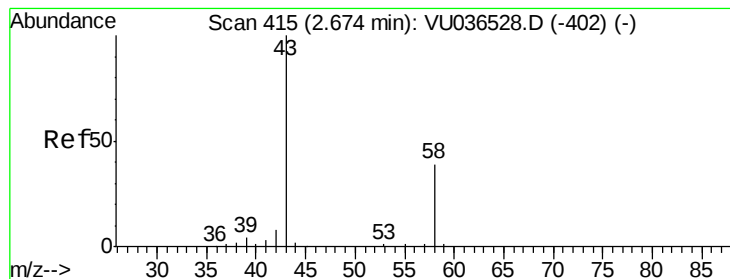
Delta R.T. 0.01 min

Lab File: VU036533.D

Acq: 23 Jan 2020 11:00

Tgt Ion:	142	Resp:	107
Ion	Ratio	Lower	Upper
142	100		
127	0.0	30.3	45.5#





#13

Acetone

Concen: 1.197 ug/l

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU036533.D

Acq: 23 Jan 2020 11:00

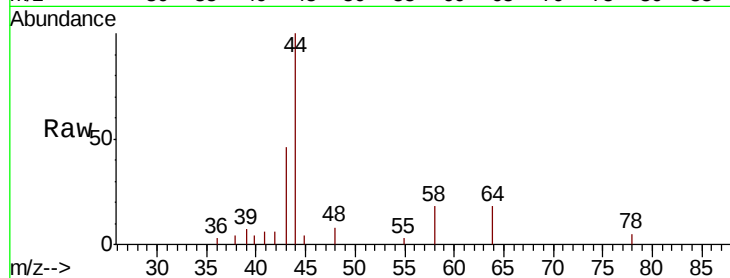
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 3814

Ion Ratio Lower Upper

43 100

58 39.2 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VU036528.D (-402) (-)

Ion 58.00 (57.70 to 58.70): VU036528.D (-402) (-)

2.67

1500

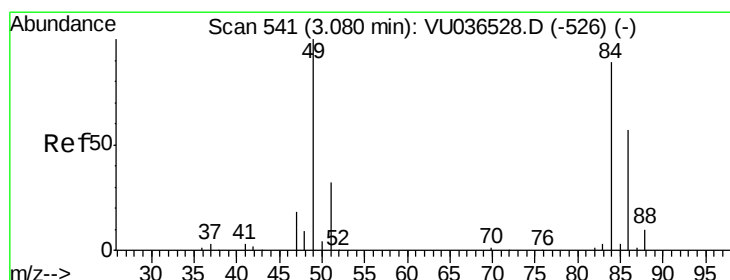
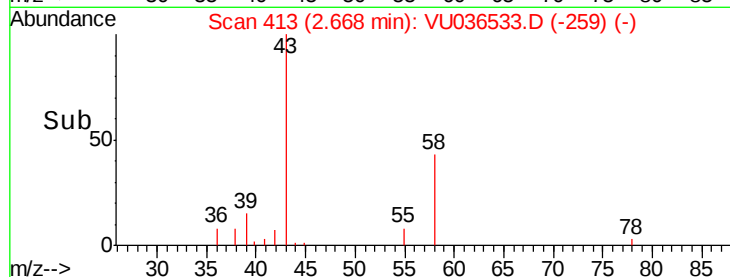
1000

500

0

2.60 2.65 2.70 2.75

Time-->



#15

Methylene Chloride

Concen: 0.223 ug/l

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU036533.D

Acq: 23 Jan 2020 11:00

Tgt Ion: 84 Resp: 2639

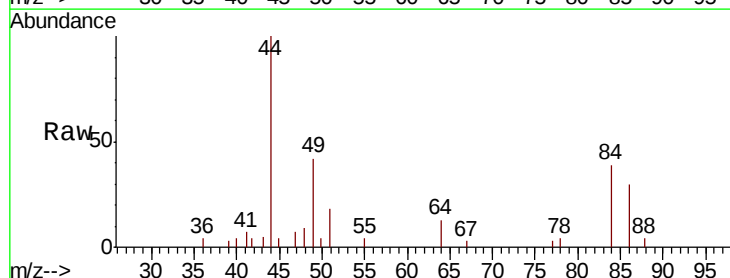
Ion Ratio Lower Upper

84 100

49 108.6 89.7 134.5

51 45.7 0.0 71.6

86 77.3 51.4 77.2#



Abundance Ion 84.00 (83.70 to 84.70): VU036528.D (-526) (-)

Ion 49.00 (48.70 to 49.70): VU036528.D (-526) (-)

Ion 51.00 (50.70 to 51.70): VU036528.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU036528.D (-526) (-)

2500

2000

1500

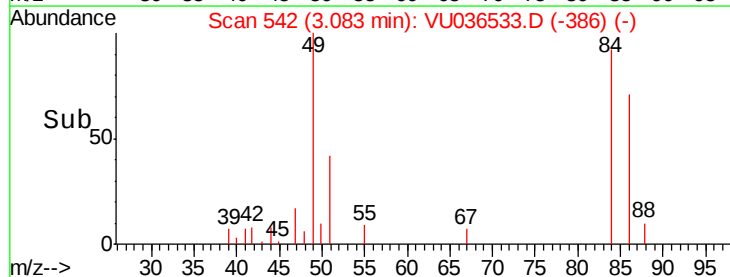
1000

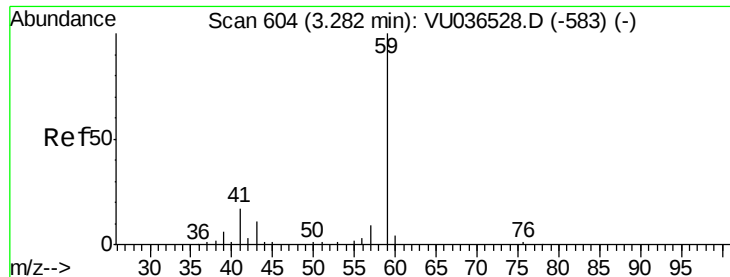
500

0

3.05 3.10

Time-->



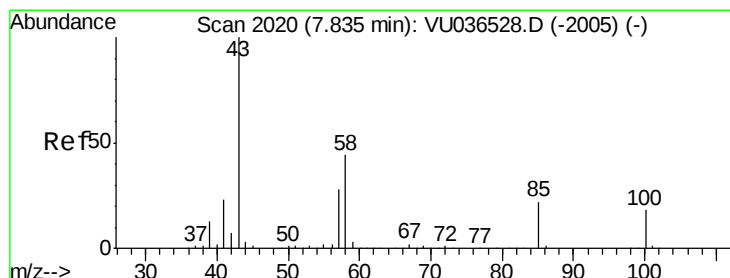
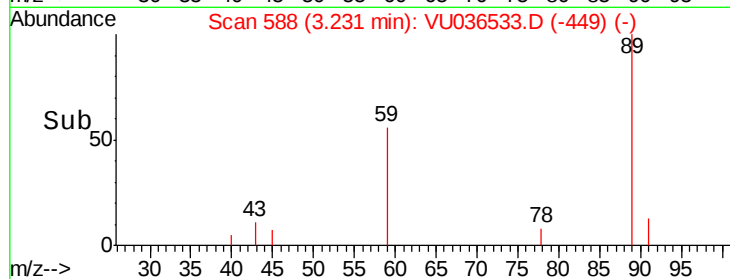
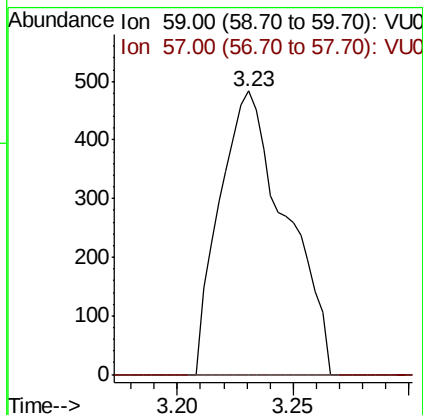
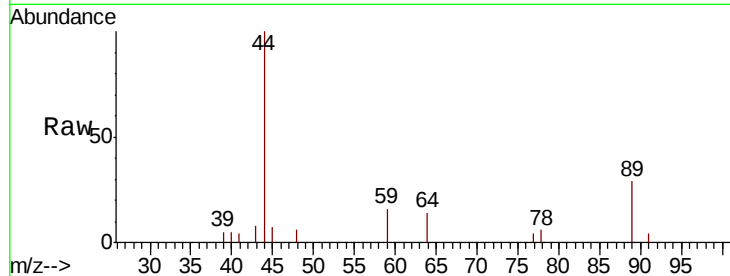


#24

tert-Butyl Alcohol
 Concen: 1.548 ug/l
 RT: 3.23 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: VU036533.D
 Acq: 23 Jan 2020 11:00

Instrument :
 MSVOA_U
 ClientSampled :

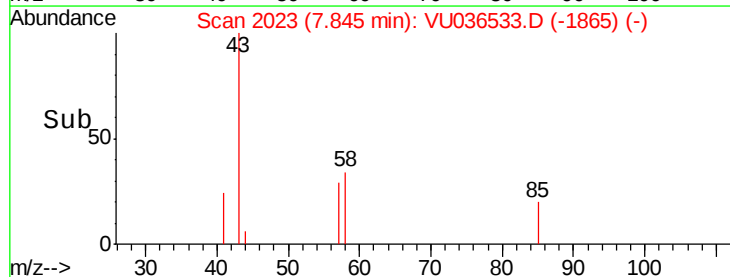
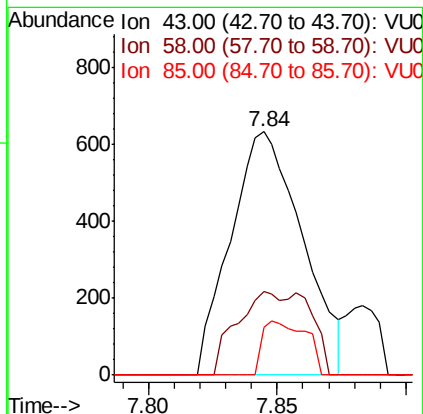
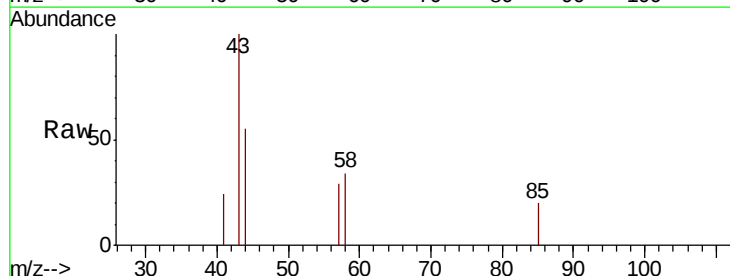
Tot Ion: 59 Resp: 962
 Ion Ratio Lower Upper
 59 100
 57 2.1 8.4 12.6#

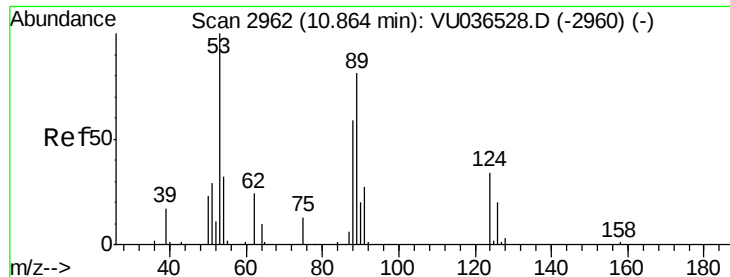


#45

4-Methyl-2-Pentanone
 Concen: 0.219 ug/l
 RT: 7.84 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: VU036533.D
 Acq: 23 Jan 2020 11:00

Tgt Ion: 43 Resp: 1226
 Ion Ratio Lower Upper
 43 100
 58 21.0 22.1 66.1#
 85 13.5 17.4 26.0#

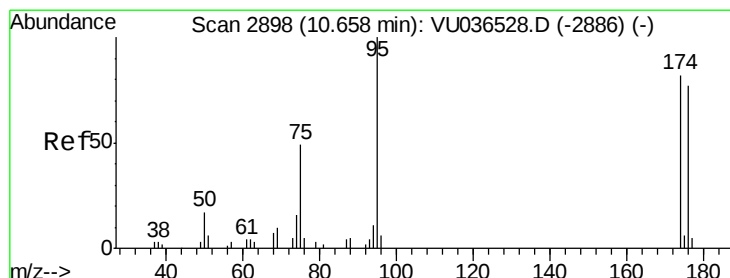
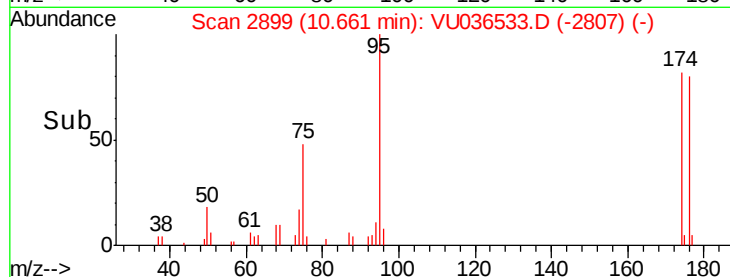
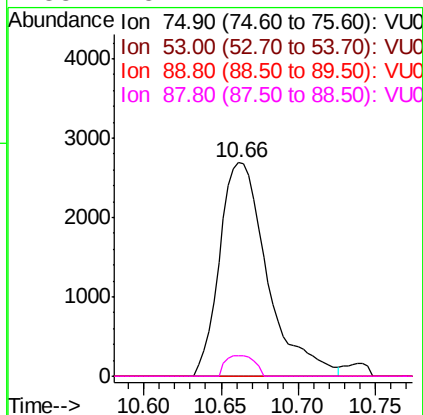
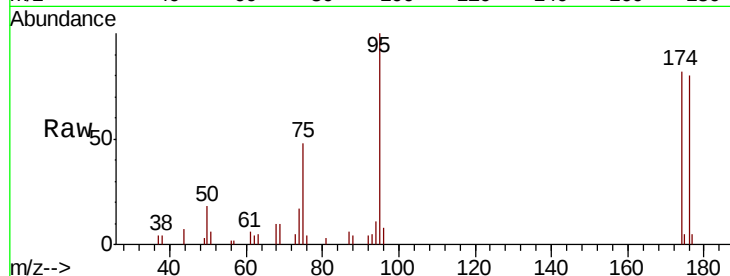




#46
t-1,4-Dichloro-2-butene
Concen: 2.342 ug/l
RT: 10.66 min Scan# 2899
Delta R.T. -0.20 min
Lab File: VU036533.D
Acq: 23 Jan 2020 11:00

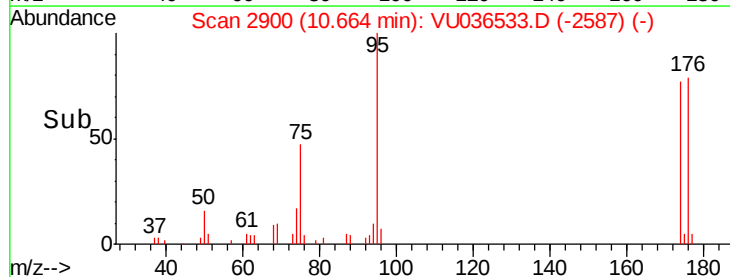
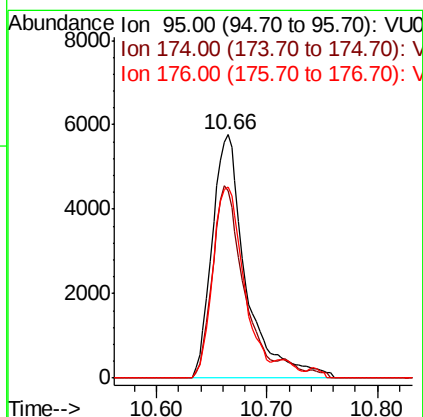
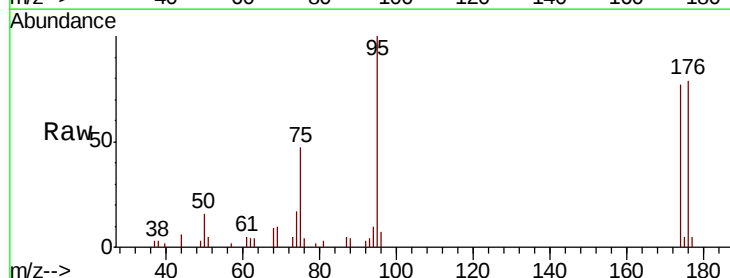
Instrument :
MSVOA_U
ClientSampleId :

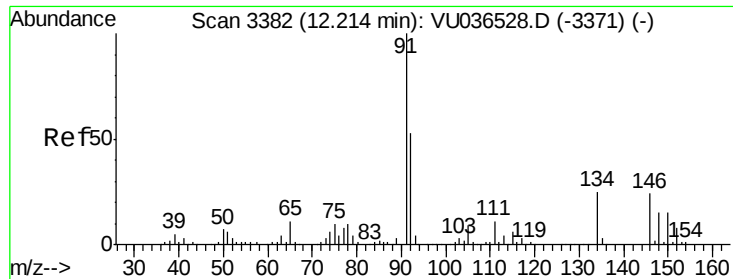
Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	52.2	78.2#
89	0.0	39.8	59.6#
88	5.7	27.4	41.2#



#57
4-Bromofluorobenzene
Concen: 0.946 ug/l
RT: 10.66 min Scan# 2900
Delta R.T. 0.01 min
Lab File: VU036533.D
Acq: 23 Jan 2020 11:00

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.1	64.7	97.1
176	72.1	60.6	91.0

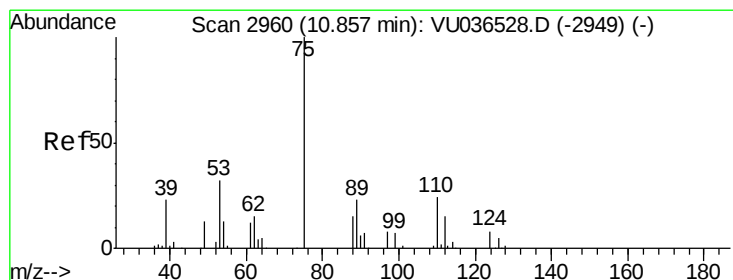
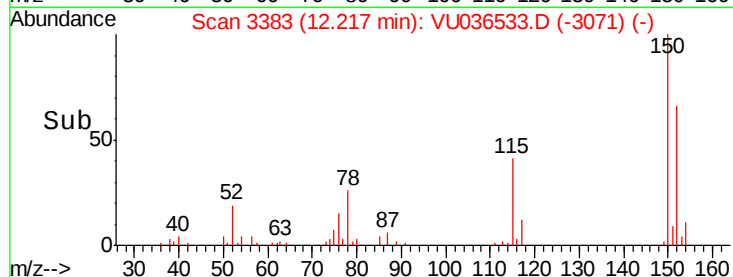
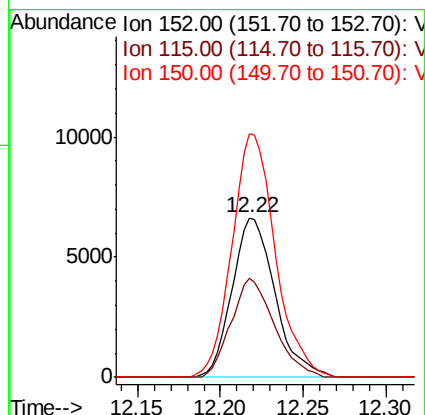
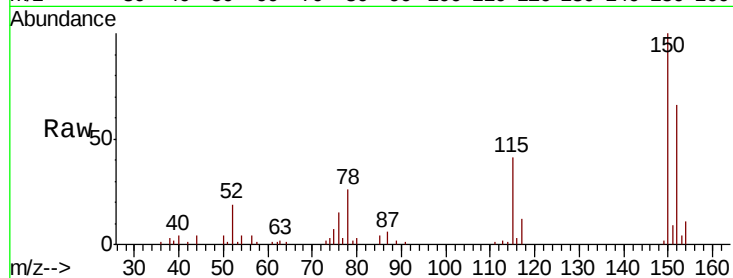




#68
 1,2-Dichlorobenzene-d4
 Concen: 0.901 ug/l
 RT: 12.22 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VU036533.D
 Acq: 23 Jan 2020 11:00

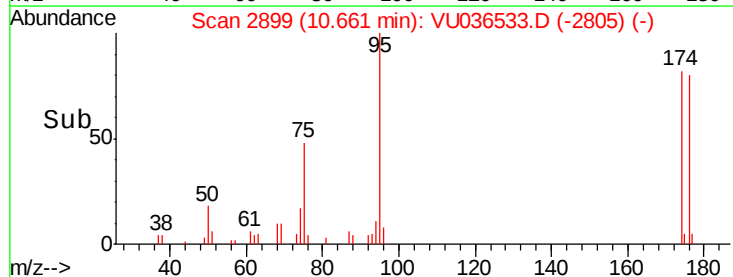
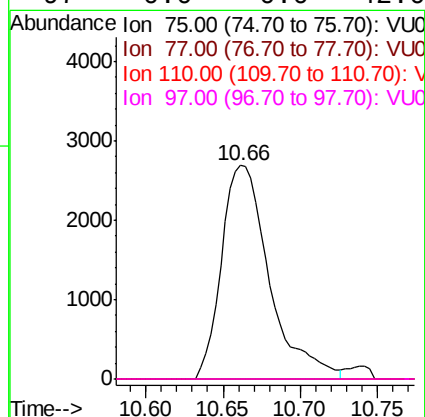
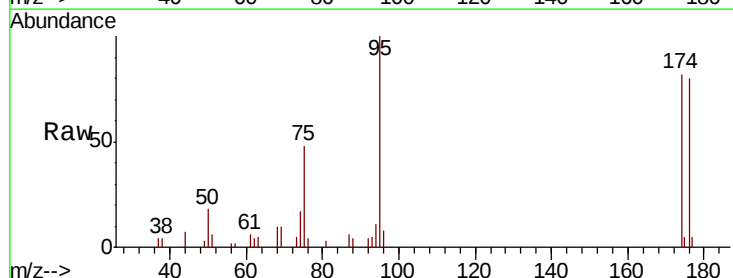
Instrument :
 MSVOA_U
 ClientSampleId :

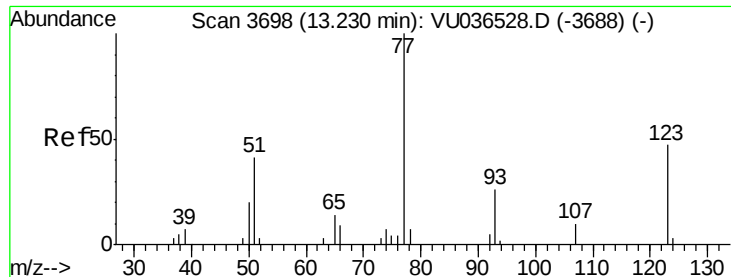
Tot Ion:152 Resp: 11927
 Ion Ratio Lower Upper
 152 100
 115 62.5 0.0 241.8
 150 154.4 0.0 652.4



#71
 1,2,3-Trichloropropane
 Concen: 0.910 ug/l
 RT: 10.66 min Scan# 2899
 Delta R.T. -0.20 min
 Lab File: VU036533.D
 Acq: 23 Jan 2020 11:00

Tgt Ion: 75 Resp: 5785
 Ion Ratio Lower Upper
 75 100
 77 2.6 0.0 129.6
 110 0.0 0.0 77.4
 97 0.0 0.0 42.0





#80

Nitrobenzene

Concen: 0.305 ug/l

RT: 13.06 min Scan# 3646

Delta R.T. -0.17 min

Lab File: VU036533.D

Acq: 23 Jan 2020 11:00

Instrument :

MSVOA_U

ClientSampleId :

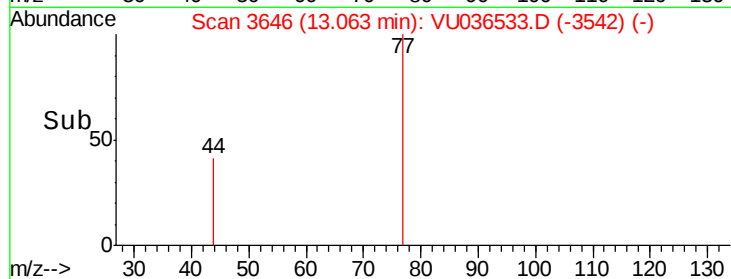
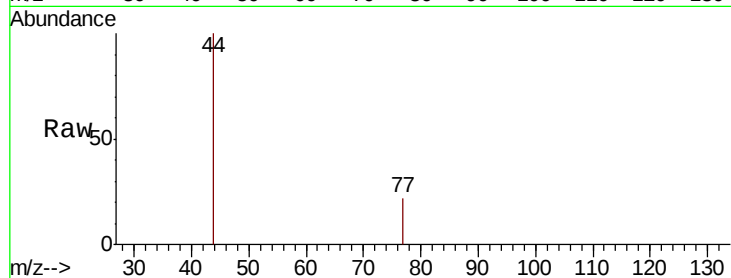
Tot Ion: 77 Resp: 39

Ion Ratio Lower Upper

77 100

123 0.0 19.6 69.6#

65 0.0 12.7 16.1#



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

