

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU103019\
 Data File : VU035550.D
 Acq On : 30 Oct 2019 09:59
 Operator : JC/SP
 Sample : VU1030WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 31 01:12:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 07:13:39 2019
 Response via : Initial Calibration

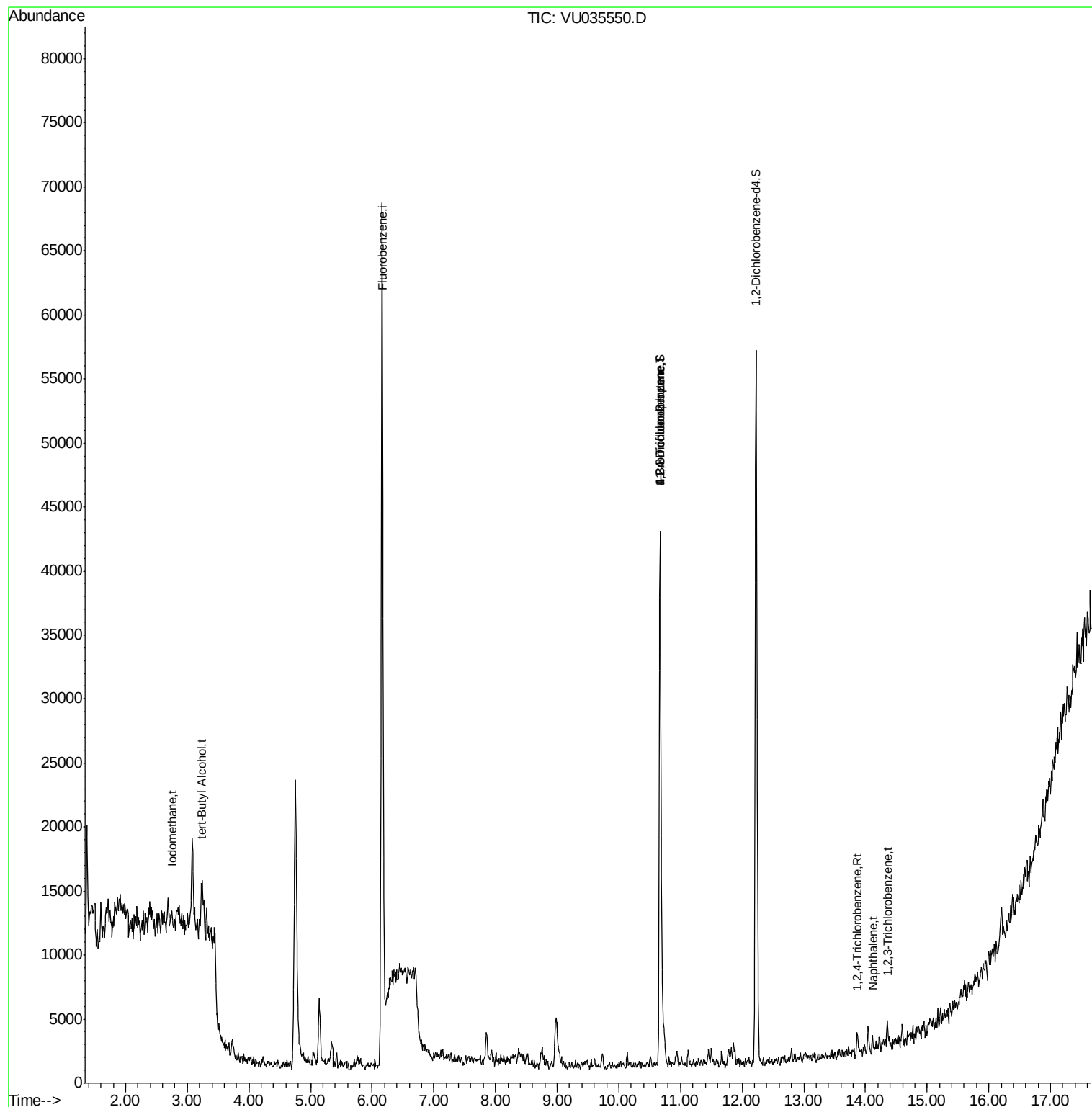
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	6.16	96	66294	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.67	95	19608	0.82	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	19190	0.76	ug/l	0.00
Spiked Amount 1.000			Recovery	=	76.00%	
Target Compounds						
					Ovalue	
10) Iodomethane	2.76	142	170	0.801	ug/l #	74
24) tert-Butyl Alcohol	3.23	59	2984	1.782	ug/l #	80
46) t-1,4-Dichloro-2-butene	10.67	75	9942	2.304	ug/l #	27
71) 1,2,3-Trichloropropane	10.67	75	9942	0.636	ug/l #	43
87) 1,2,4-Trichlorobenzene	13.87	180	617	0.626	ug/l	87
89) Naphthalene	14.11	128	1323	0.708	ug/l #	71
90) 1,2,3-Trichlorobenzene	14.36	180	712	0.518	ug/l	93
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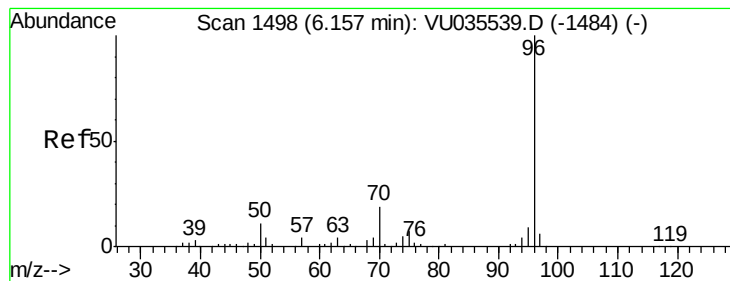
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.16 min Scan# 1499

Delta R.T. 0.00 min

Lab File: VU035550.D

Acq: 30 Oct 2019 09:59

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 96 Resp: 66294

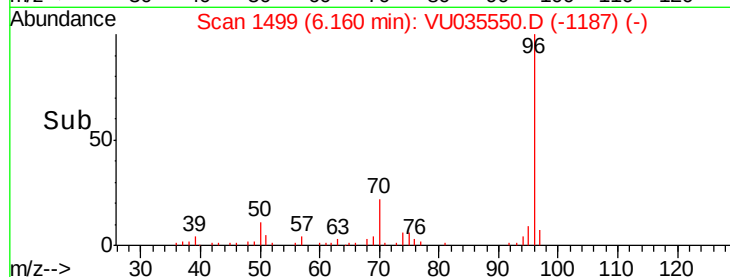
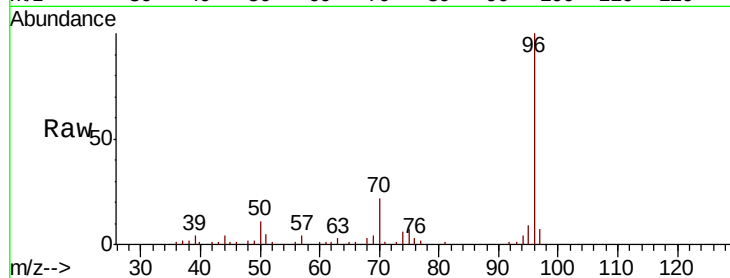
Ion Ratio Lower Upper

96 100

70 19.7 15.8 23.8

95 8.7 7.4 11.2

97 6.6 0.0 0.0#

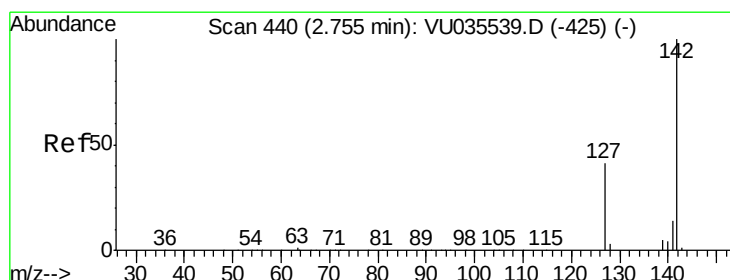
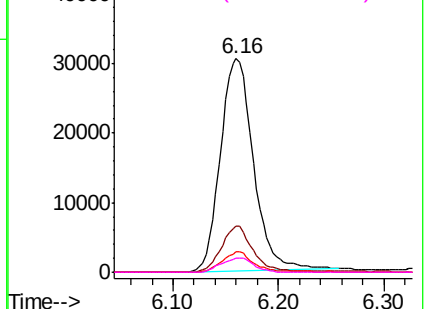


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#10

Iodomethane

Concen: 0.801 ug/l

RT: 2.76 min Scan# 443

Delta R.T. 0.01 min

Lab File: VU035550.D

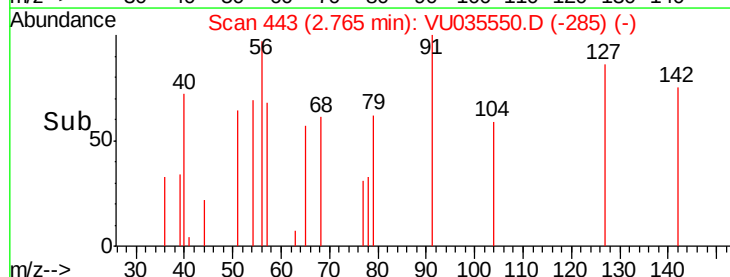
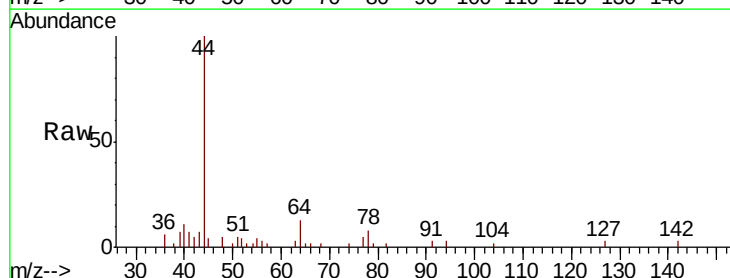
Acq: 30 Oct 2019 09:59

Tgt Ion:142 Resp: 170

Ion Ratio Lower Upper

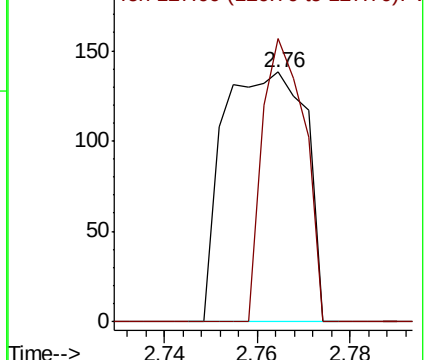
142 100

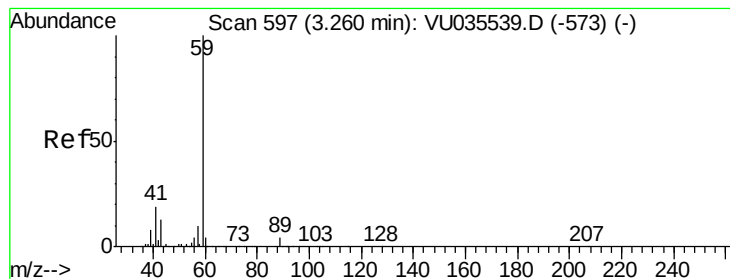
127 58.2 33.4 50.0#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V



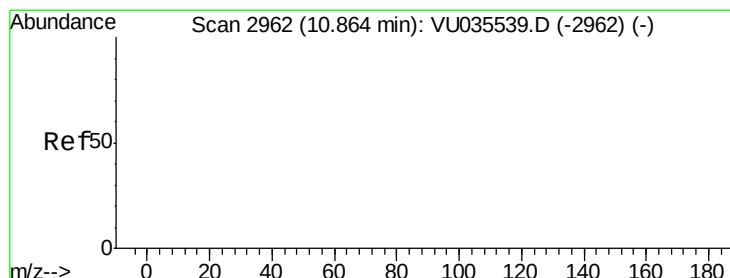
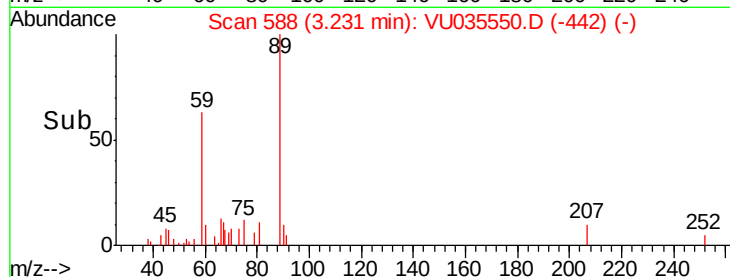
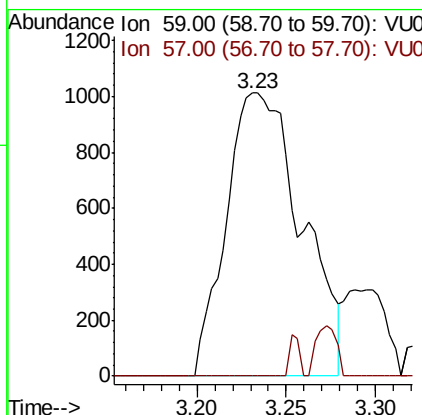
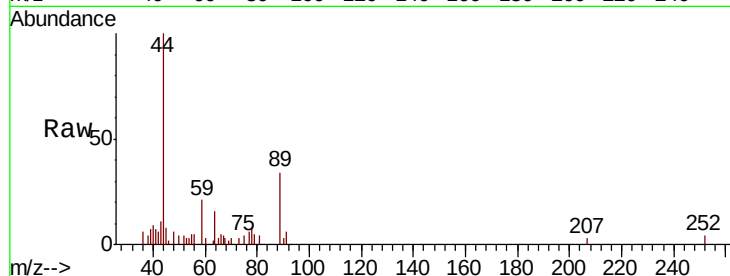


#24

tert-Butyl Alcohol
 Concen: 1.782 ug/l
 RT: 3.23 min Scan# 588
 Delta R.T. -0.03 min
 Lab File: VU035550.D
 Acq: 30 Oct 2019 09:59

Instrument :
 MSVOA_U
 ClientSampled :

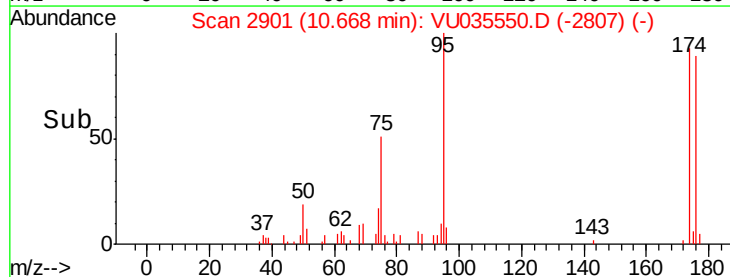
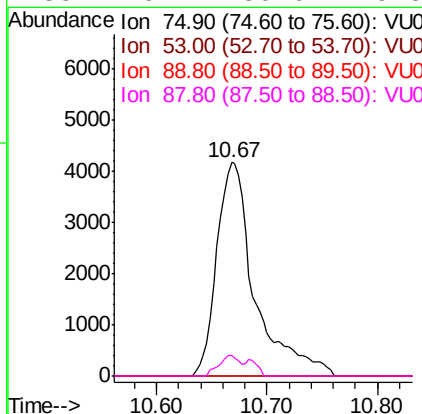
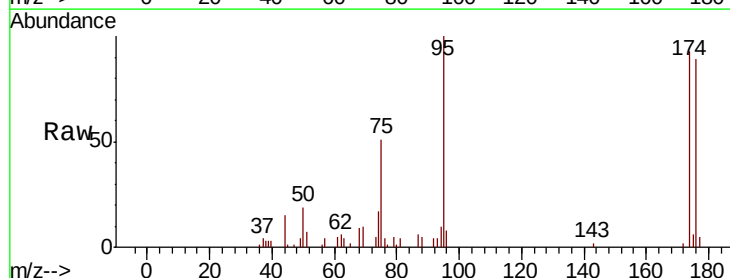
Tot Ion: 59 Resp: 2984
 Ion Ratio Lower Upper
 59 100
 57 1.8 7.4 11.0#

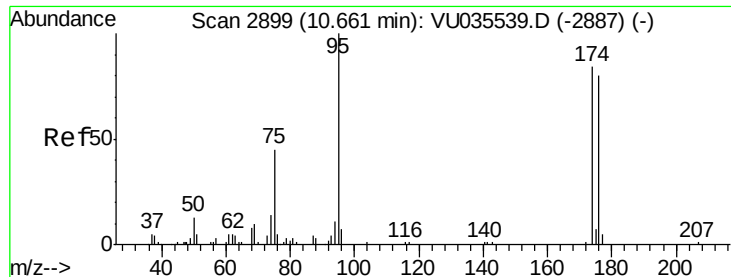


#46

t-1,4-Dichloro-2-butene
 Concen: 2.304 ug/l
 RT: 10.67 min Scan# 2901
 Delta R.T. -0.20 min
 Lab File: VU035550.D
 Acq: 30 Oct 2019 09:59

Tgt Ion: 75 Resp: 9942
 Ion Ratio Lower Upper
 75 100
 53 0.0 54.1 81.1#
 89 0.0 38.2 57.4#
 88 5.2 30.6 45.8#

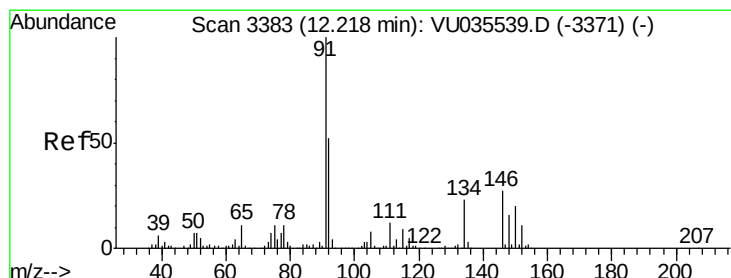
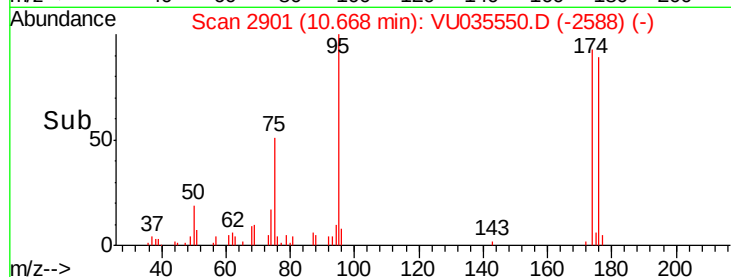
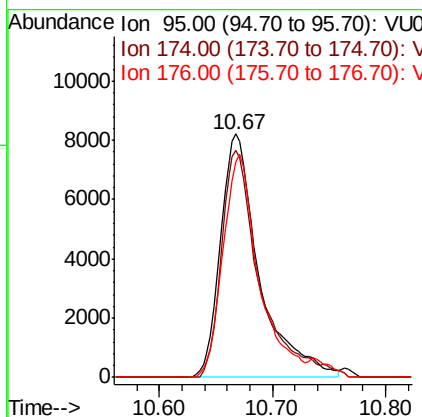
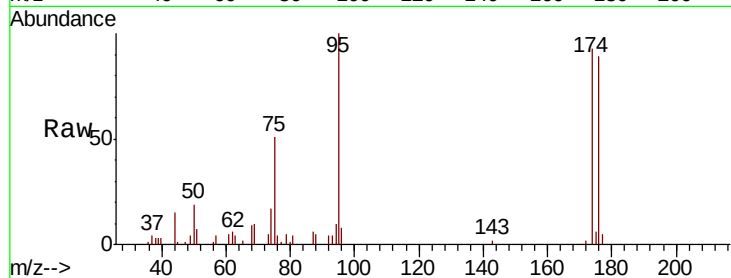




#57
 4-Bromofluorobenzene
 Concen: 0.822 ug/l
 RT: 10.67 min Scan# 2901
 Delta R.T. 0.01 min
 Lab File: VU035550.D
 Acq: 30 Oct 2019 09:59

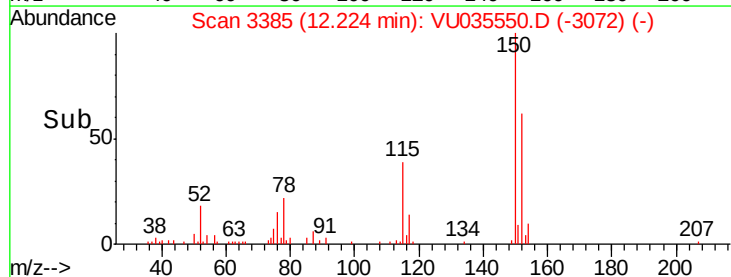
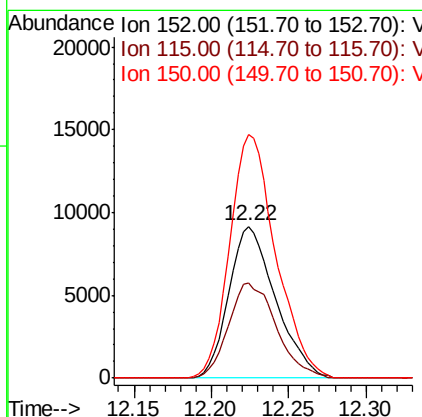
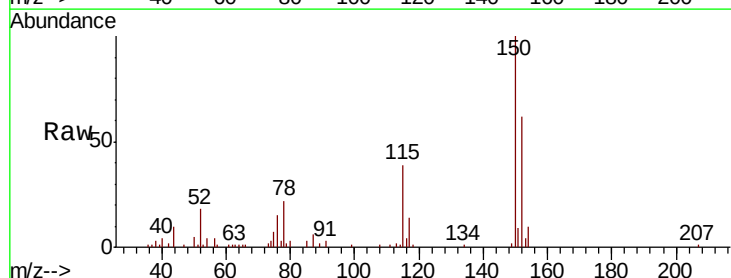
Instrument :
 MSVOA_U
 ClientSampled :

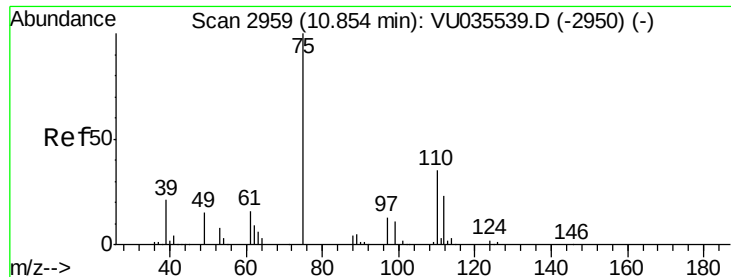
Tot Ion	95	Resp	19608
Ion Ratio	Lower	Upper	
95	100		
174	91.4	70.2	105.4
176	84.4	67.7	101.5



#68
 1,2-Dichlorobenzene-d4
 Concen: 0.757 ug/l
 RT: 12.22 min Scan# 3385
 Delta R.T. 0.01 min
 Lab File: VU035550.D
 Acq: 30 Oct 2019 09:59

Tgt Ion	152	Resp	19190
Ion Ratio	Lower	Upper	
152	100		
115	64.1	0.0	250.6
150	158.2	0.0	656.8





#71

1,2,3-Trichloropropane

Concen: 0.636 ug/l

RT: 10.67 min Scan# 2901

Delta R.T. -0.19 min

Lab File: VU035550.D

Acq: 30 Oct 2019 09:59

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 9942

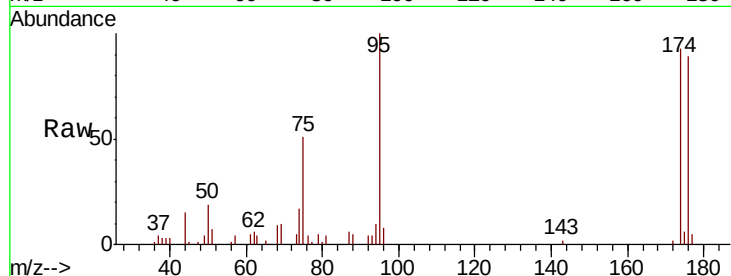
Ion Ratio Lower Upper

75 100

77 0.7 0.0 68.6

110 0.0 0.0 77.2

97 0.0 0.0 39.0

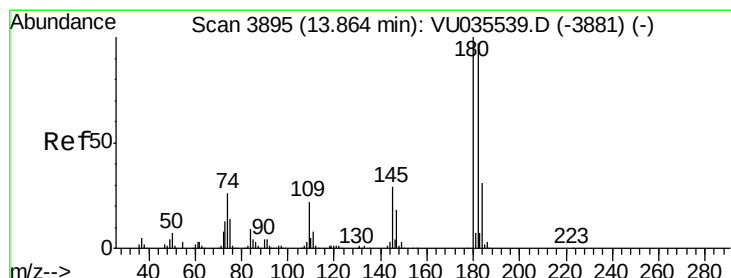
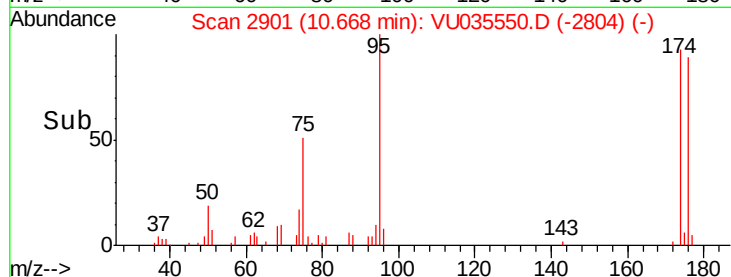
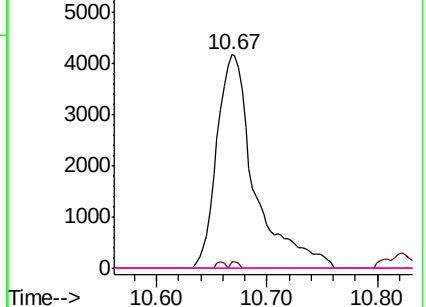


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#87

1,2,4-Trichlorobenzene

Concen: 0.626 ug/l

RT: 13.87 min Scan# 3898

Delta R.T. 0.01 min

Lab File: VU035550.D

Acq: 30 Oct 2019 09:59

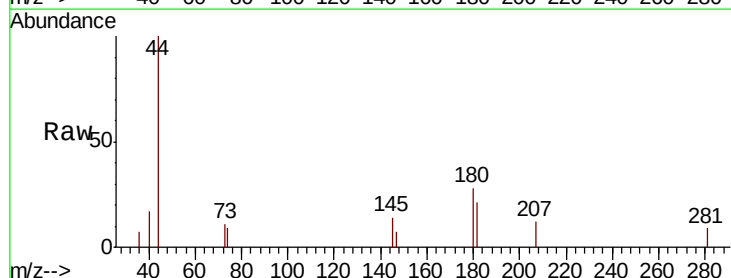
Tgt Ion:180 Resp: 617

Ion Ratio Lower Upper

180 100

182 82.2 77.4 116.0

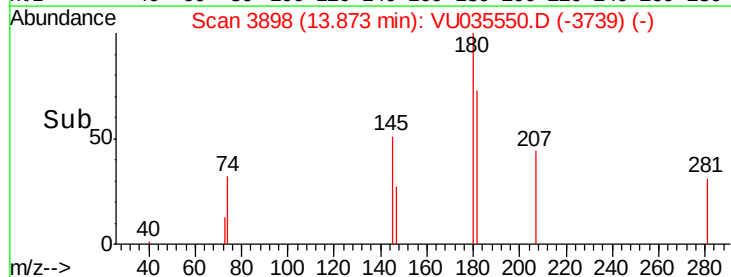
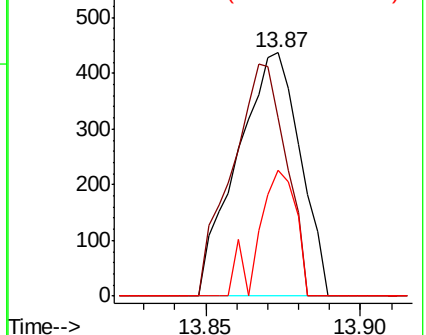
145 30.6 22.6 33.8

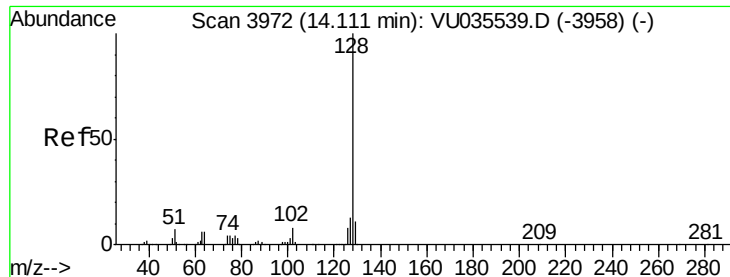


Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#89

Naphthalene

Concen: 0.708 ug/l

RT: 14.11 min Scan# 3973

Delta R.T. 0.00 min

Lab File: VU035550.D

Acq: 30 Oct 2019 09:59

Instrument :

MSVOA_U

ClientSampleId :

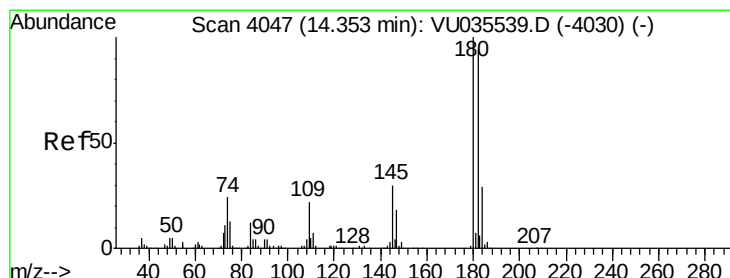
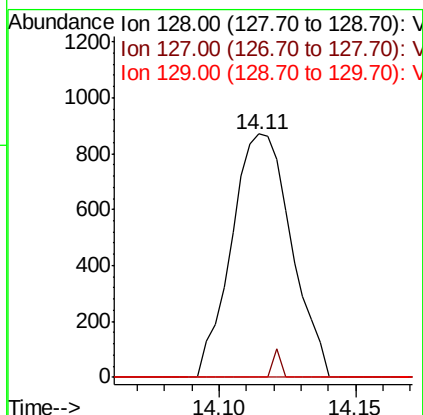
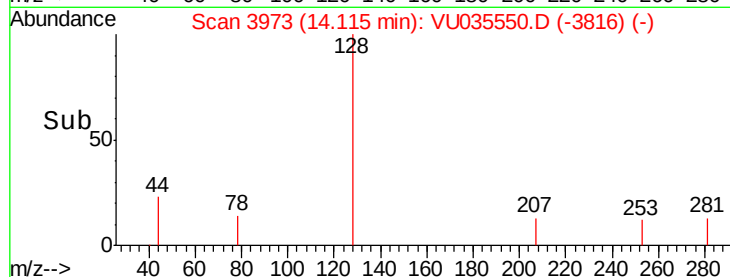
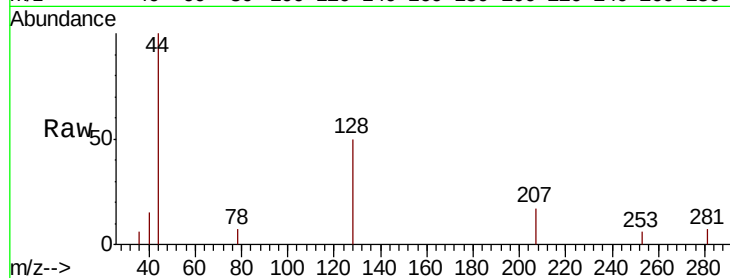
Tot Ion:128 Resp: 1323

Ion Ratio Lower Upper

128 100

127 1.5 10.3 15.5#

129 0.0 8.6 13.0#



#90

1,2,3-Trichlorobenzene

Concen: 0.518 ug/l

RT: 14.36 min Scan# 4048

Delta R.T. 0.00 min

Lab File: VU035550.D

Acq: 30 Oct 2019 09:59

Tgt Ion:180 Resp: 712

Ion Ratio Lower Upper

180 100

182 100.3 75.8 113.8

145 24.6 23.7 35.5

