

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U012320\
 Data File : VU036538.D
 Acq On : 23 Jan 2020 14:04
 Operator : JC/MD
 Sample : L1134-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

Quant Time: Jan 24 02:27:34 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

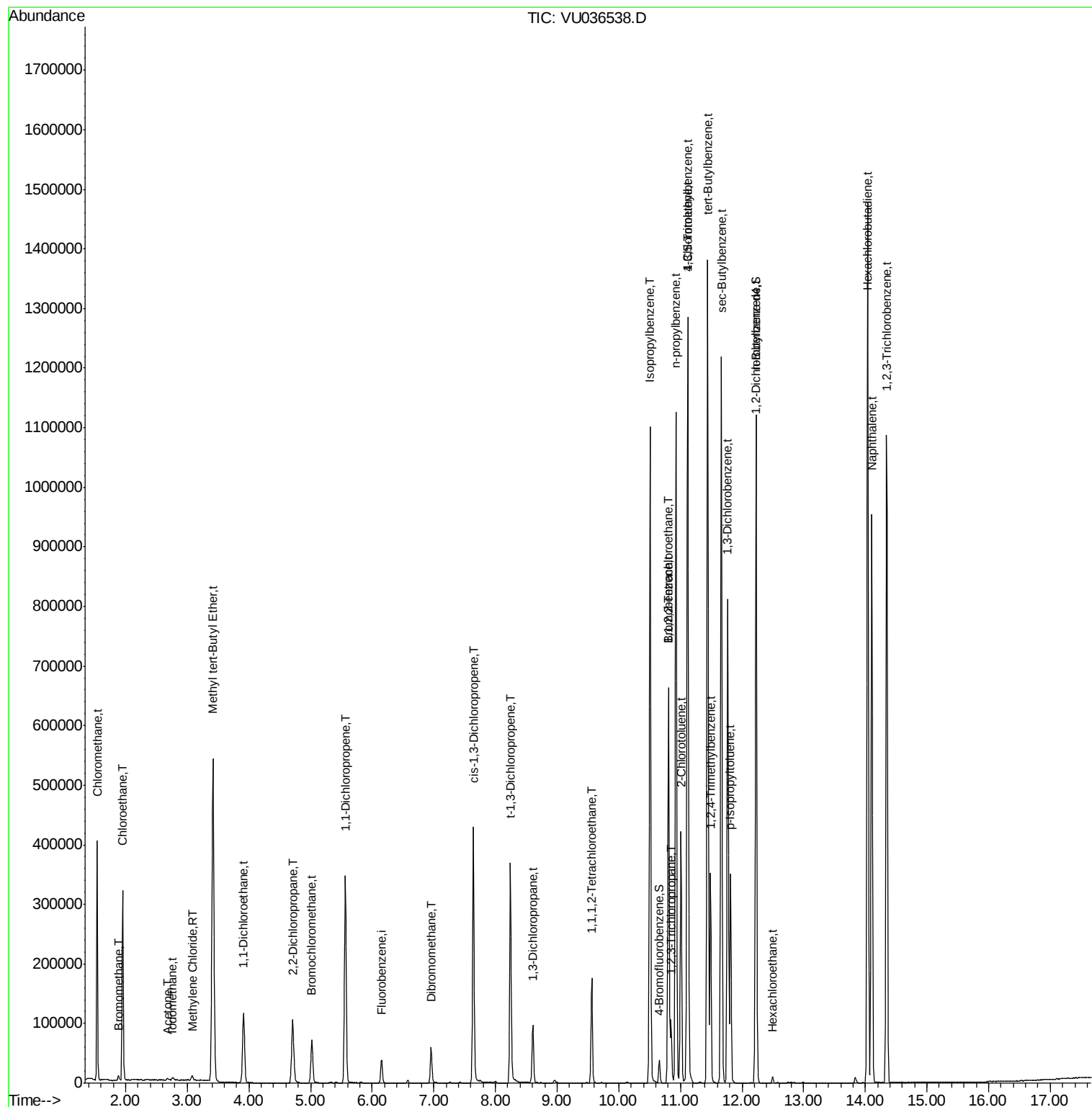
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	37176	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	13952	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	14383	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
Target Compounds						Ovalue
3) Chloromethane	1.54	50	276325	20.974	ug/l	98
5) Bromomethane	1.89	94	4113	0.444	ug/l	93
6) Chloroethane	1.95	64	217824	24.640	ug/l	99
10) Iodomethane	2.76	142	4303	0.940	ug/l	98
13) Acetone	2.68	43	3203	0.602	ug/l	91
15) Methylene Chloride	3.08	84	3603	0.280	ug/l	98
17) 1,1-Dichloroethane	3.92	63	136690	7.778	ug/l	99
21) 2,2-Dichloropropane	4.71	77	82246	5.482	ug/l	94
25) Methyl tert-Butyl Ether	3.42	73	654039	25.531	ug/l	99
26) Bromochloromethane	5.02	128	25179	5.196	ug/l	98
29) 1,1-Dichloropropene	5.56	75	191412	13.456	ug/l	99
43) Dibromomethane	6.96	93	24354	4.505	ug/l	98
50) t-1,3-Dichloropropene	8.24	75	218758	17.168	ug/l	100
51) cis-1,3-Dichloropropene	7.64	75	260326	16.858	ug/l	99
53) 1,3-Dichloropropane	8.61	76	62281	4.737	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	47420	5.069	ug/l	99
62) Hexachloroethane	12.49	117	2251	0.293	ug/l	85
69) Isopropylbenzene	10.51	105	734657	14.863	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.81	83	116899	12.080	ug/l	98
71) 1,2,3-Trichloropropane	10.85	75	43887	6.356	ug/l #	56
72) Bromobenzene	10.81	156	130748	10.979	ug/l	99
73) n-propylbenzene	10.93	120	209159	15.081	ug/l	96
74) 2-Chlorotoluene	11.01	126	85347	7.165	ug/l	98
75) 1,3,5-Trimethylbenzene	11.11	105	303593	7.161	ug/l	99
76) 4-Chlorotoluene	11.12	126	188832	15.342	ug/l	94
77) tert-Butylbenzene	11.44	119	691015	17.202	ug/l	93
78) 1,2,4-Trimethylbenzene	11.49	105	193864	4.435	ug/l	99
79) sec-Butylbenzene	11.66	105	852566	15.298	ug/l	100
81) p-Isopropyltoluene	11.81	119	198557	4.262	ug/l	100
82) 1,3-Dichlorobenzene	11.77	146	350724	14.721	ug/l	99
84) n-Butylbenzene	12.23	91	620554	14.405	ug/l	100
88) Hexachlorobutadiene	14.04	225	279333	34.948	ug/l	99
89) Naphthalene	14.10	128	776604	30.909	ug/l	100
90) 1,2,3-Trichlorobenzene	14.35	180	347104	25.308	ug/l	100
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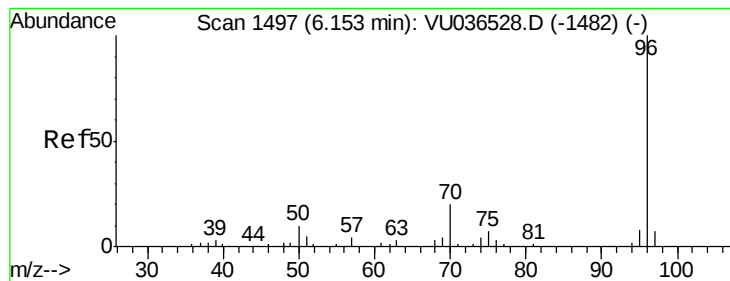
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1497

Delta R.T. -0.00 min

Lab File: VU036538.D

Acq: 23 Jan 2020 14:04

Instrument :

MSVOA_U

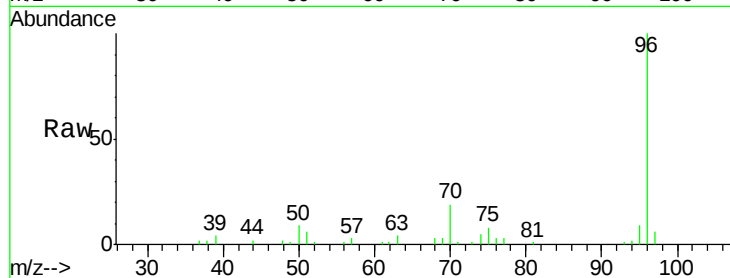
ClientSampleId :

PT-UNRVOA-WS

Tot Ion: 96 Resp: 37176

Ion Ratio Lower Upper

96	100		
70	19.8	15.6	23.4
95	8.7	7.0	10.6
97	6.1	0.0	0.0#

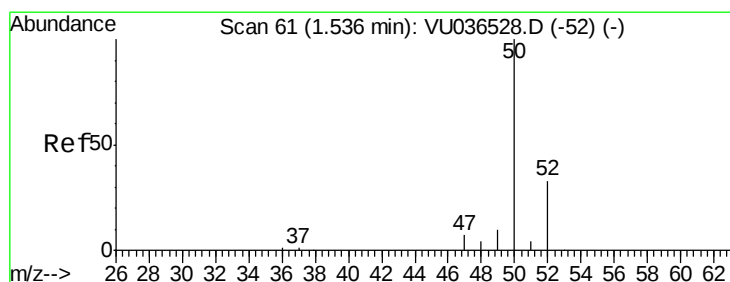
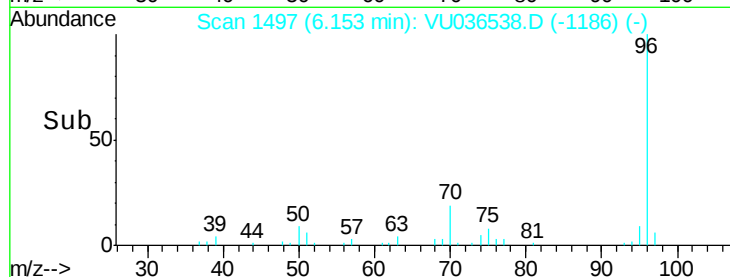
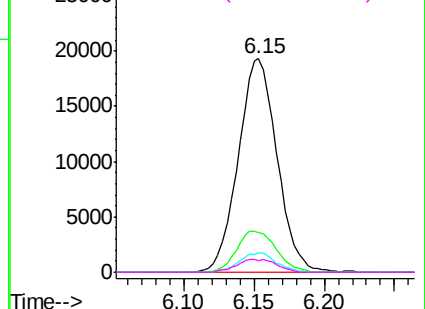


Abundance Ion 96.00 (95.70 to 96.70): VU036528.D (-1482) (-)

Ion 70.00 (69.70 to 70.70): VU036528.D (-1482) (-)

Ion 95.00 (94.70 to 95.70): VU036528.D (-1482) (-)

Ion 97.00 (96.70 to 97.70): VU036528.D (-1482) (-)



#3

Chloromethane

Concen: 20.974 ug/l

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

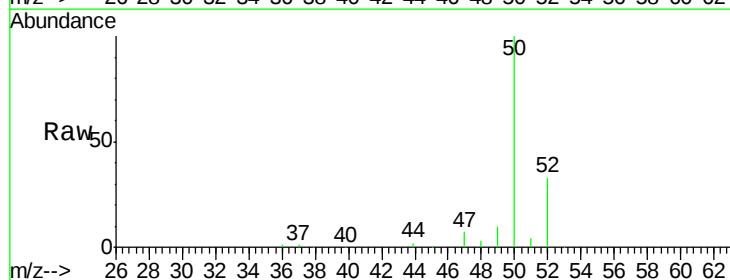
Lab File: VU036538.D

Acq: 23 Jan 2020 14:04

Tgt Ion: 50 Resp: 276325

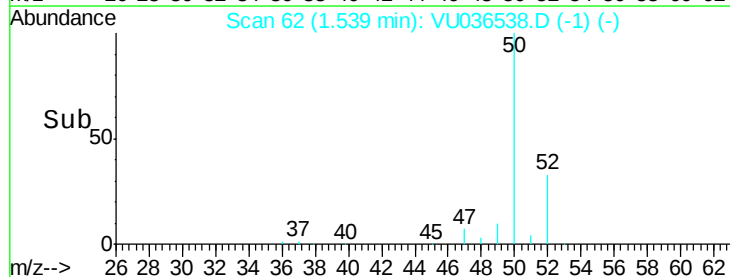
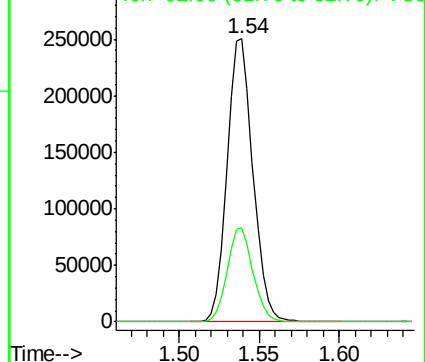
Ion Ratio Lower Upper

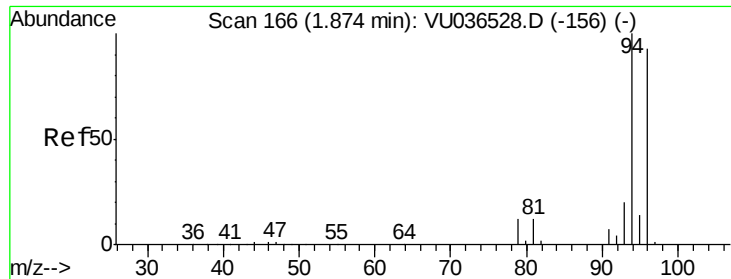
50	100		
52	33.3	26.0	39.0



Abundance Ion 50.00 (49.70 to 50.70): VU036528.D (-52) (-)

Ion 52.00 (51.70 to 52.70): VU036528.D (-52) (-)

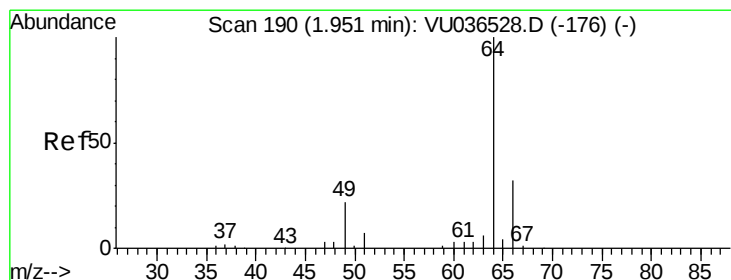
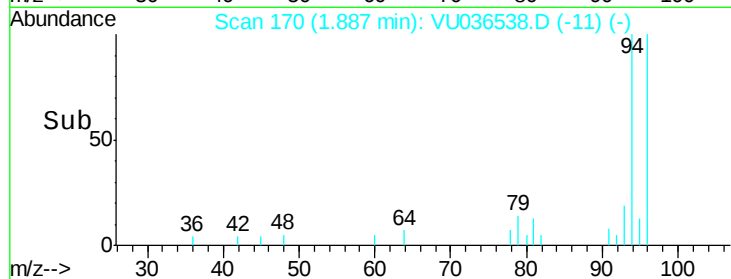
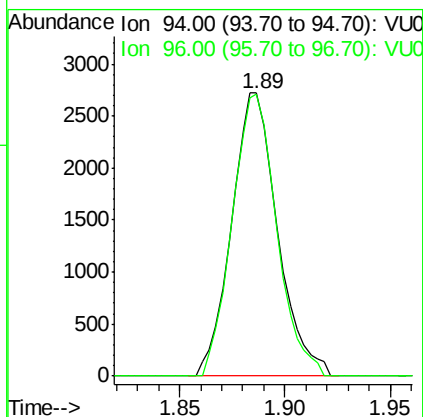
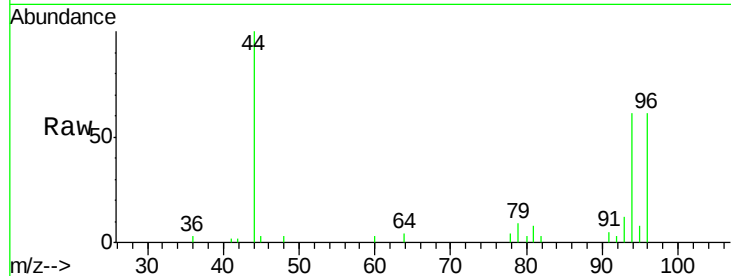




#5
Bromomethane
Concen: 0.444 ug/l
RT: 1.89 min Scan# 170
Delta R.T. 0.01 min
Lab File: VU036538.D
Acq: 23 Jan 2020 14:04

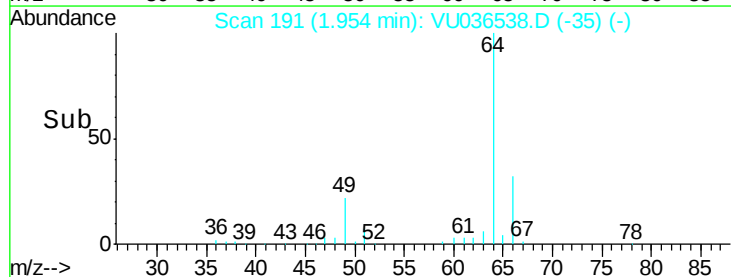
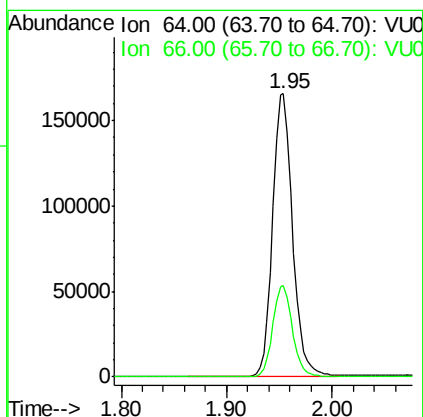
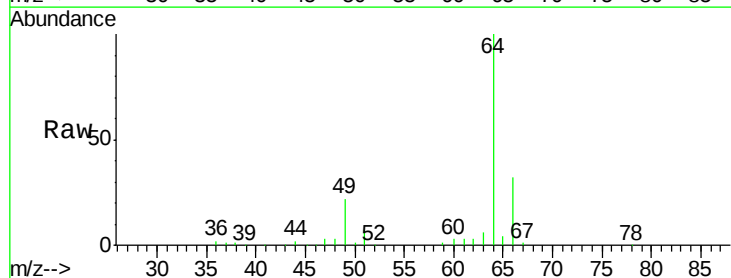
Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WS

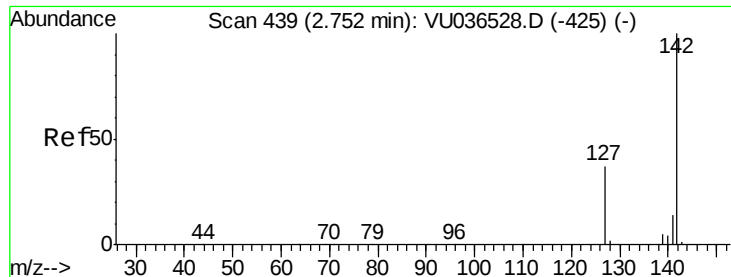
Tot Ion: 94 Resp: 4113
Ion Ratio Lower Upper
94 100
96 99.6 74.6 112.0



#6
Chloroethane
Concen: 24.640 ug/l
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU036538.D
Acq: 23 Jan 2020 14:04

Tgt Ion: 64 Resp: 217824
Ion Ratio Lower Upper
64 100
66 32.2 25.5 38.3





#10

Iodomethane

Concen: 0.940 ug/l

RT: 2.76 min Scan# 442

Delta R.T. 0.01 min

Lab File: VU036538.D

Acq: 23 Jan 2020 14:04

Instrument :

MSVOA_U

ClientSampleId :

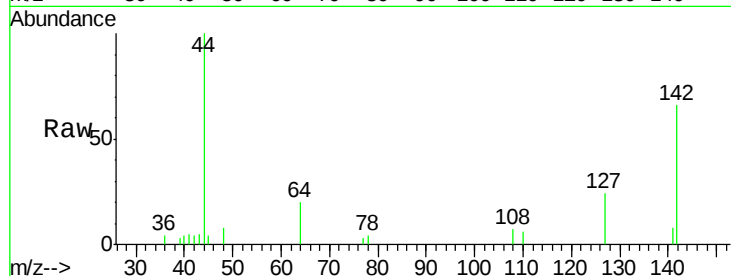
PT-UNRVOA-WS

Tot Ion:142 Resp: 4303

Ion Ratio Lower Upper

142 100

127 36.5 30.3 45.5



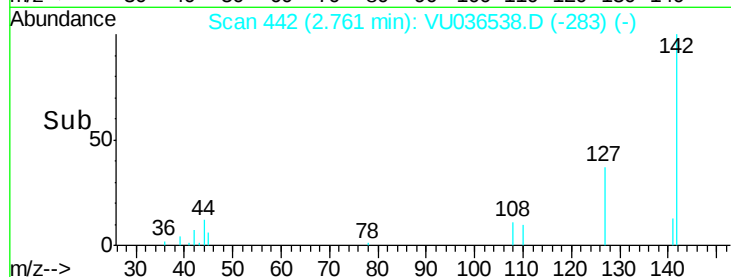
Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

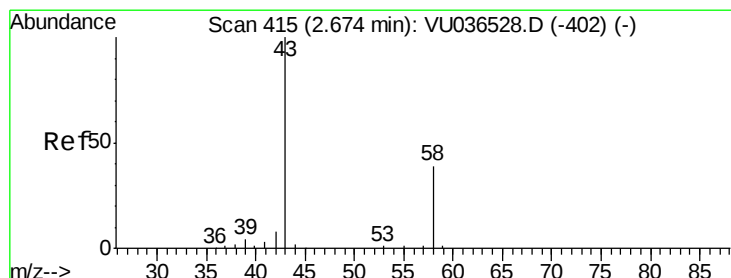
2.76

2.75

2.80



Time-->



#13

Acetone

Concen: 0.602 ug/l

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU036538.D

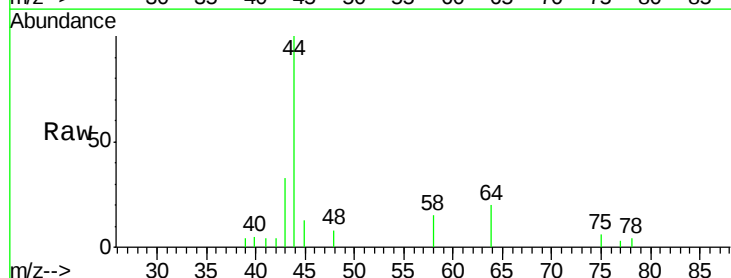
Acq: 23 Jan 2020 14:04

Tgt Ion: 43 Resp: 3203

Ion Ratio Lower Upper

43 100

58 44.1 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

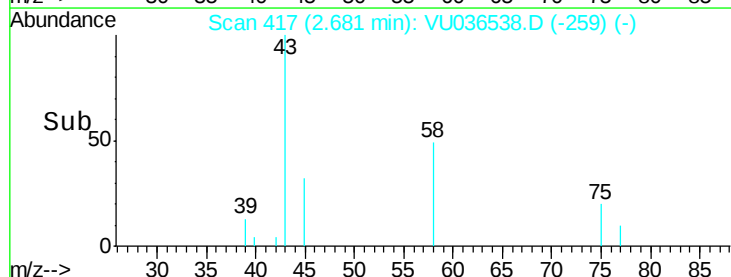
Ion 58.00 (57.70 to 58.70): VU0

2.68

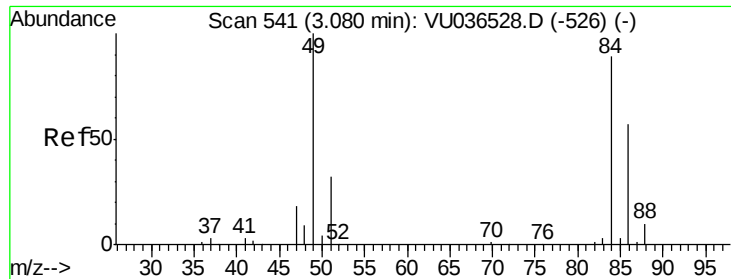
2.65

2.70

2.75



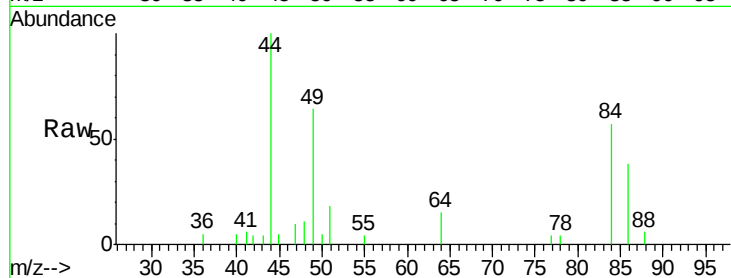
Time-->



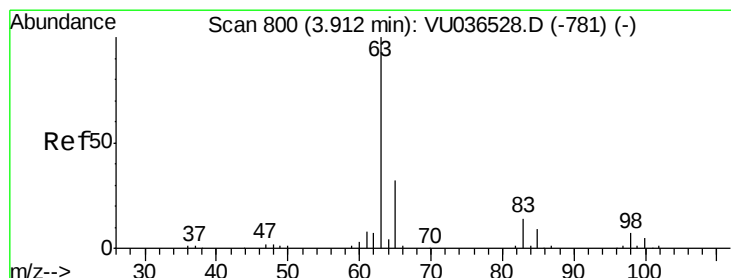
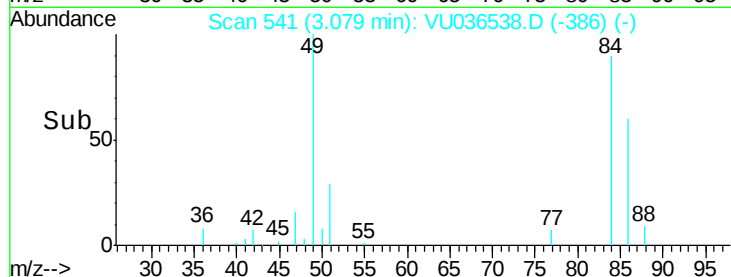
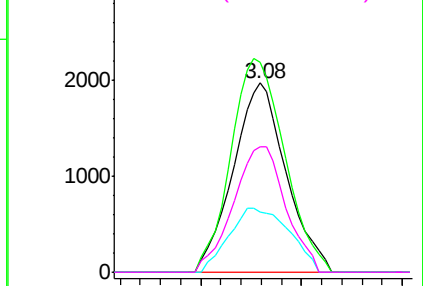
#15
Methylene Chloride
Concen: 0.280 ug/l
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU036538.D
Acq: 23 Jan 2020 14:04

Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WS

Tot Ion:	84	Resp:	3603
Ion	Ratio	Lower	Upper
84	100		
49	111.4	89.7	134.5
51	32.0	0.0	71.6
86	66.7	51.4	77.2

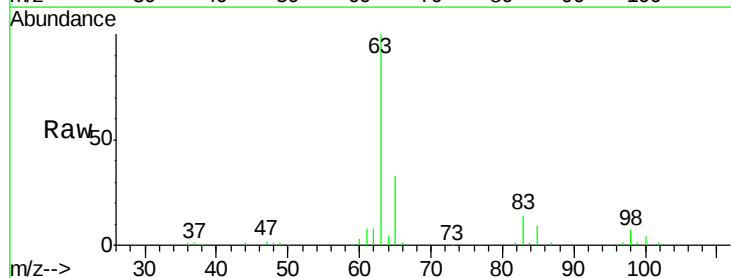


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

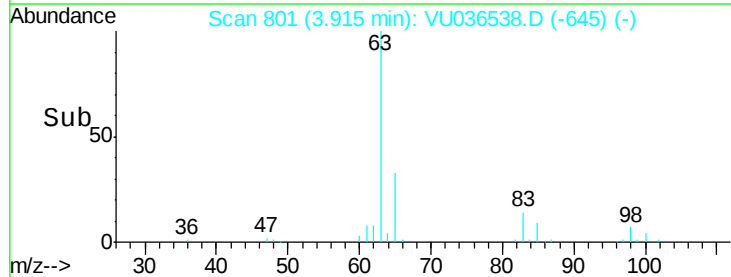
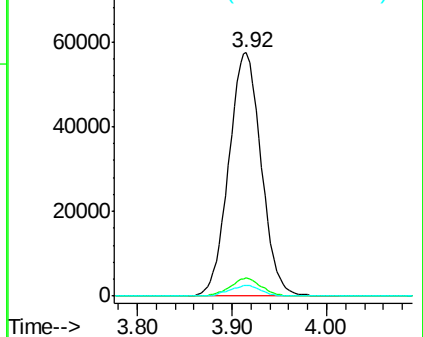


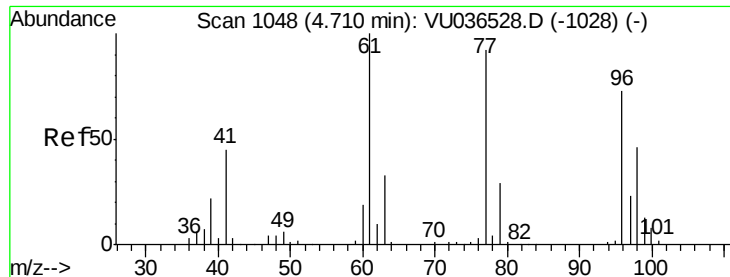
#17
1,1-Dichloroethane
Concen: 7.778 ug/l
RT: 3.92 min Scan# 801
Delta R.T. 0.00 min
Lab File: VU036538.D
Acq: 23 Jan 2020 14:04

Tgt Ion:	63	Resp:	136690
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.5	10.5
100	4.3	2.4	7.1



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

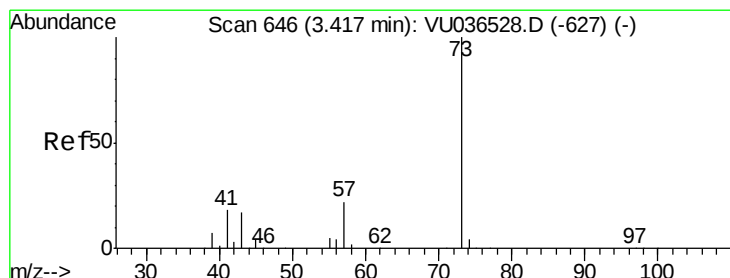
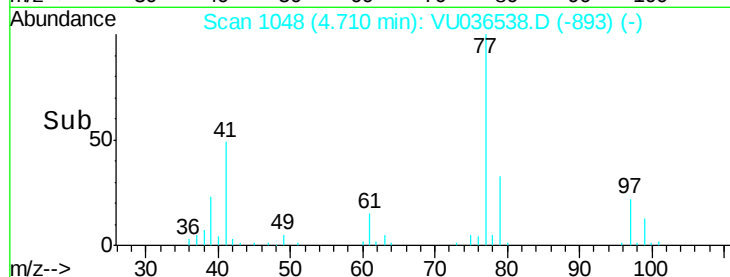
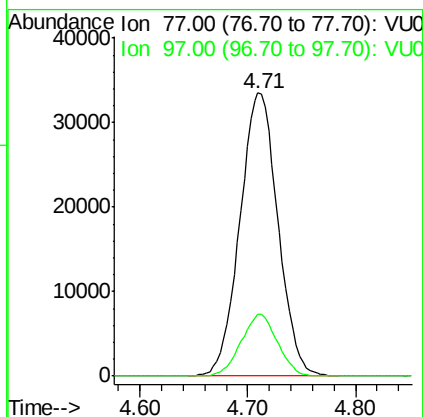
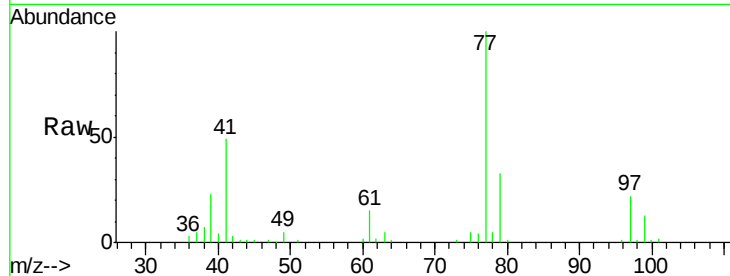




#21
 2,2-Dichloropropane
 Concen: 5.482 ug/l
 RT: 4.71 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

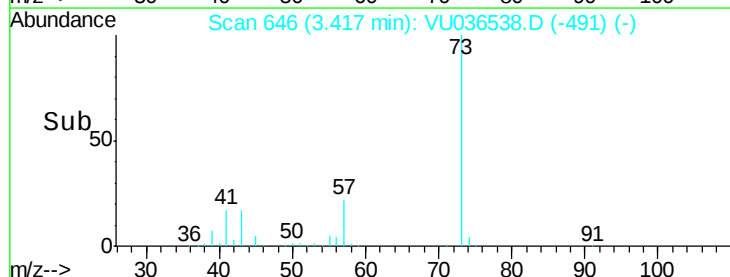
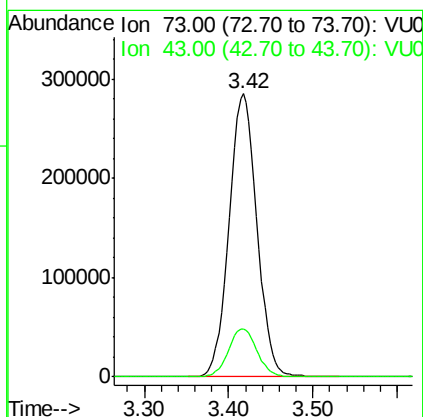
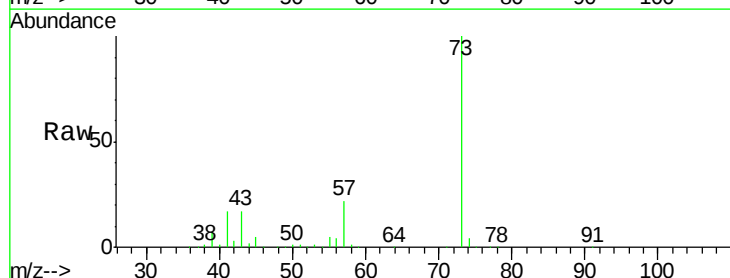
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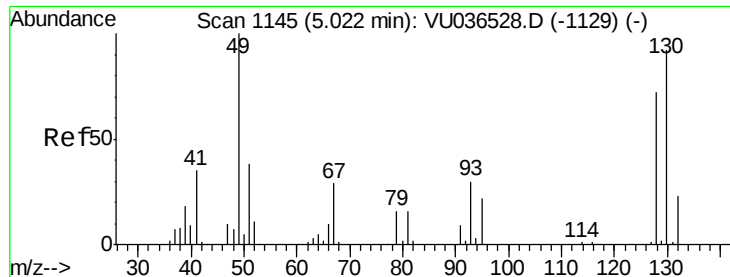
Tot Ion: 77 Resp: 82246
 Ion Ratio Lower Upper
 77 100
 97 20.9 19.0 28.4



#25
 Methyl tert-Butyl Ether
 Concen: 25.531 ug/l
 RT: 3.42 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

Tgt Ion: 73 Resp: 654039
 Ion Ratio Lower Upper
 73 100
 43 17.5 14.5 21.7

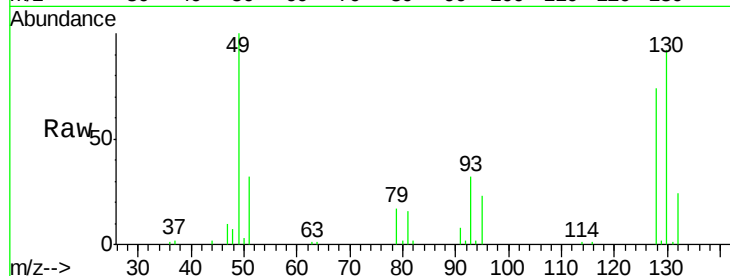




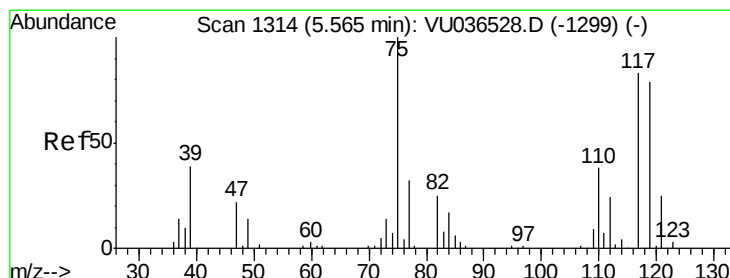
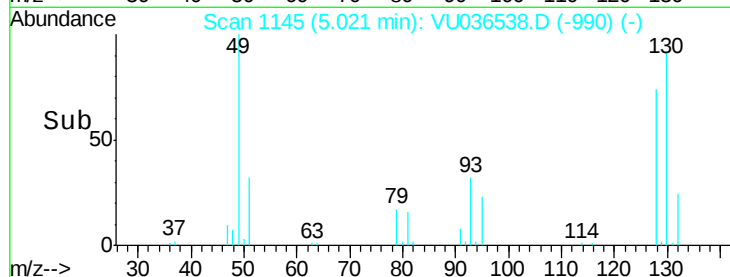
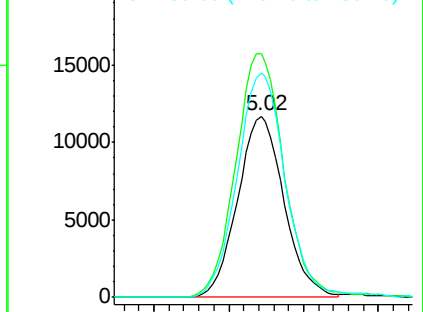
#26
 Bromochloromethane
 Concen: 5.196 ug/l
 RT: 5.02 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

Tot Ion:128 Resp: 25179
 Ion Ratio Lower Upper
 128 100
 49 140.2 0.0 286.2
 130 129.5 104.3 156.5

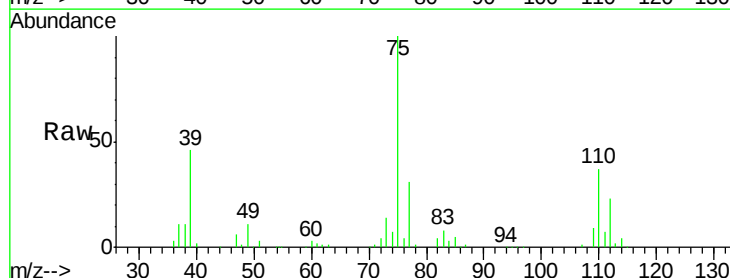


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VU0
 Ion 130.00 (129.70 to 130.70): V

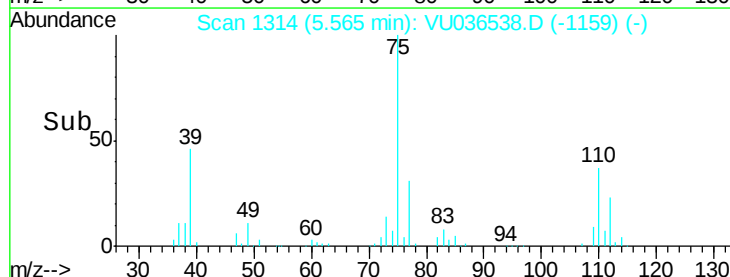
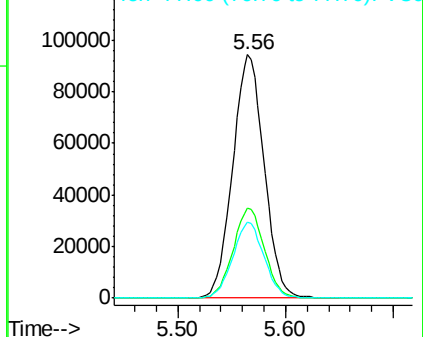


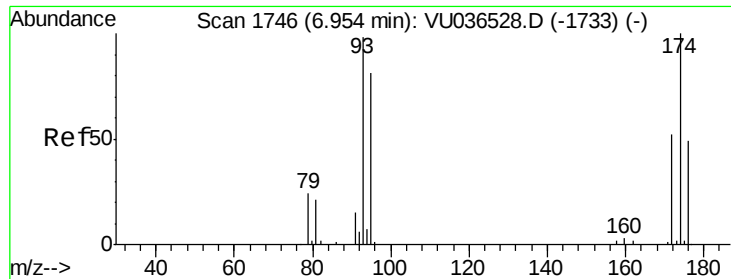
#29
 1,1-Dichloropropene
 Concen: 13.456 ug/l
 RT: 5.56 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

Tgt Ion: 75 Resp: 191412
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.6 55.8
 77 30.9 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VU0

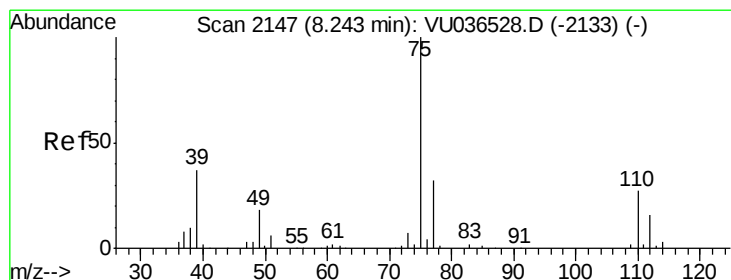
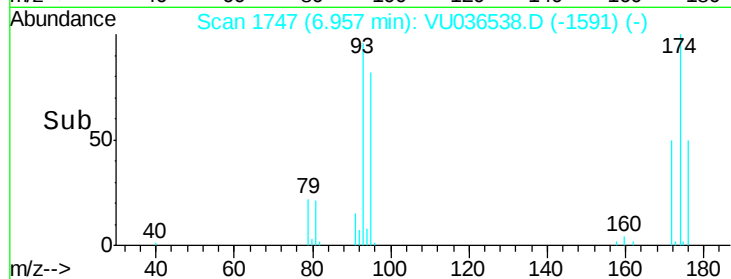
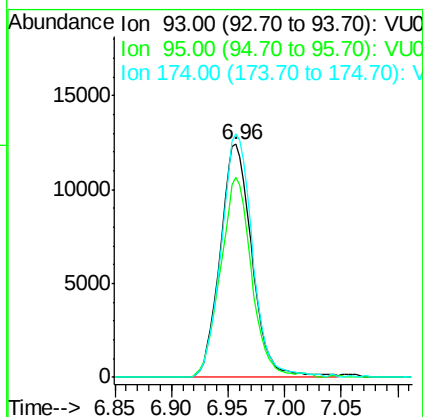
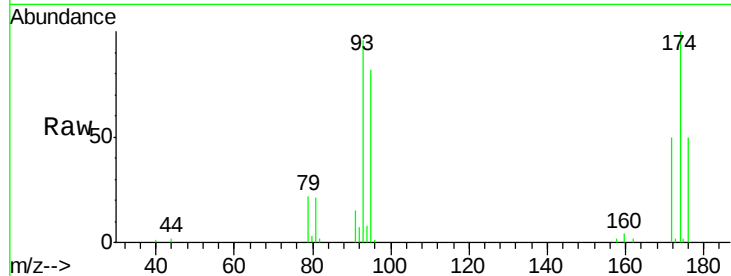




#43
Dibromomethane
Concen: 4.505 ug/l
RT: 6.96 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VU036538.D
Acq: 23 Jan 2020 14:04

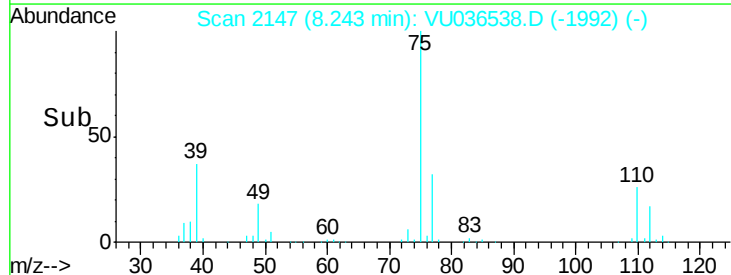
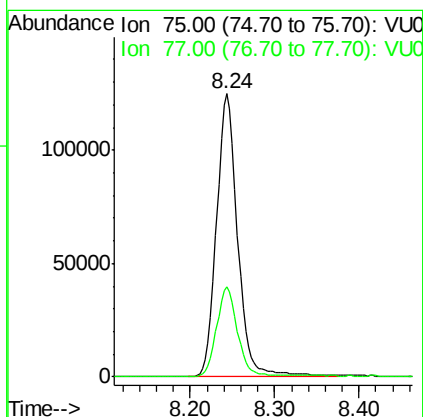
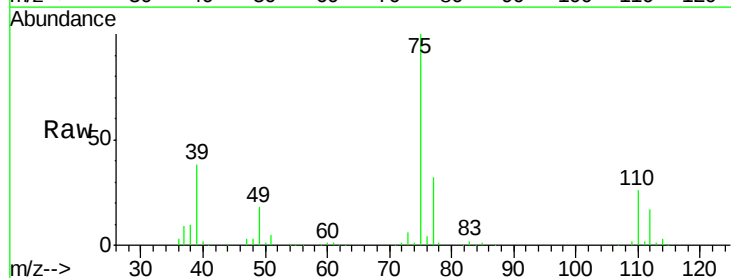
Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WS

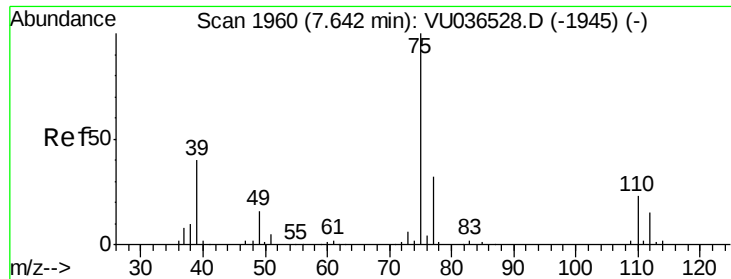
Tot Ion: 93 Resp: 24354
Ion Ratio Lower Upper
93 100
95 82.9 67.9 101.9
174 102.8 83.4 125.0



#50
t-1,3-Dichloropropene
Concen: 17.168 ug/l
RT: 8.24 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VU036538.D
Acq: 23 Jan 2020 14:04

Tgt Ion: 75 Resp: 218758
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

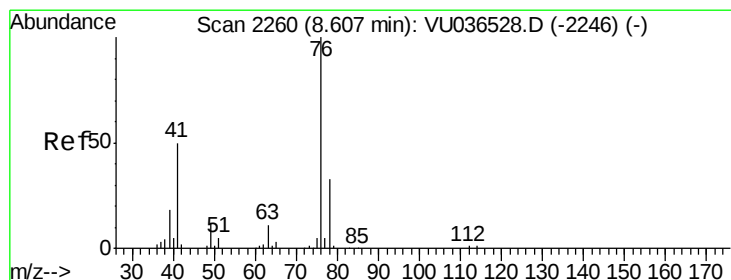
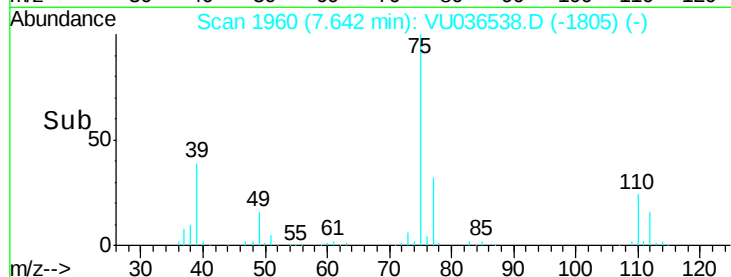
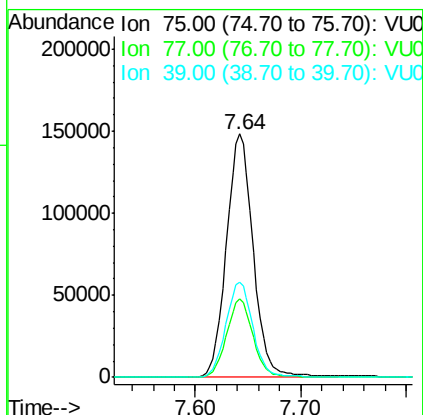
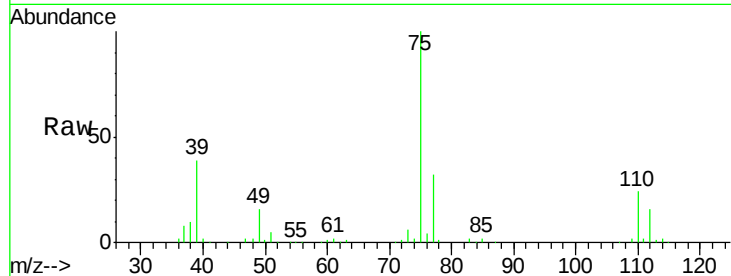




#51
 cis-1,3-Dichloropropene
 Concen: 16.858 ug/l
 RT: 7.64 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

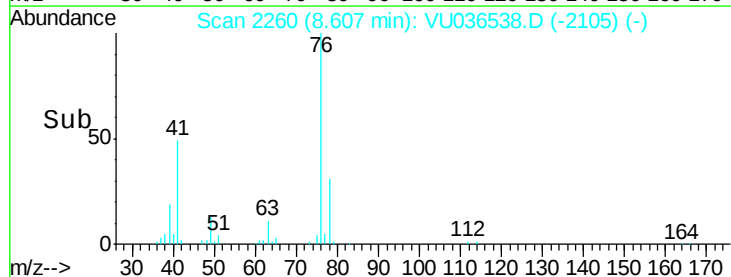
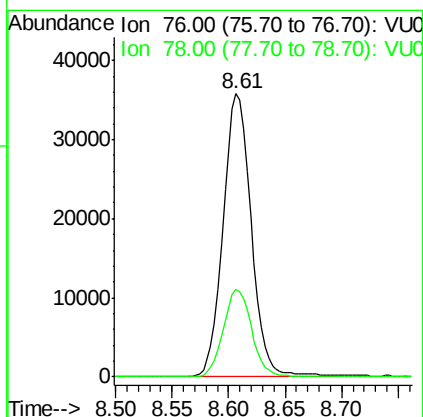
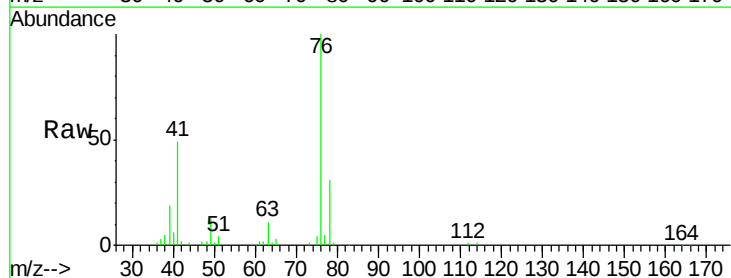
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

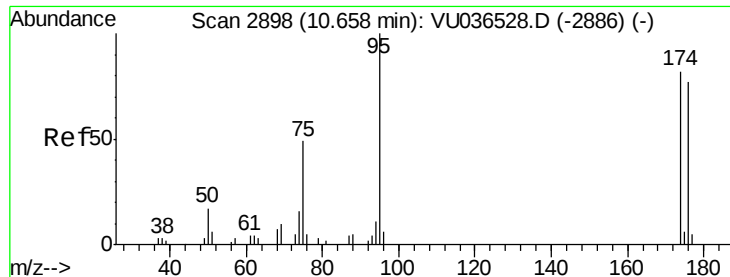
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.3	37.9
39	39.2	31.8	47.6



#53
 1,3-Dichloropropane
 Concen: 4.737 ug/l
 RT: 8.61 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.0	25.4	38.2

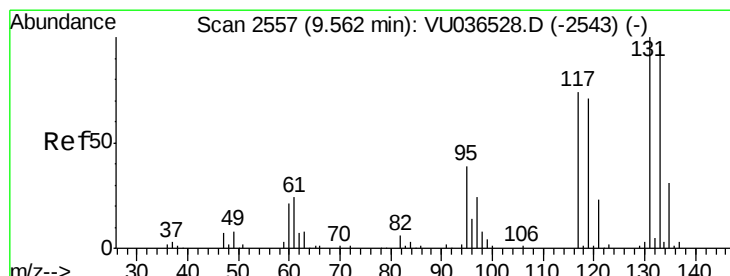
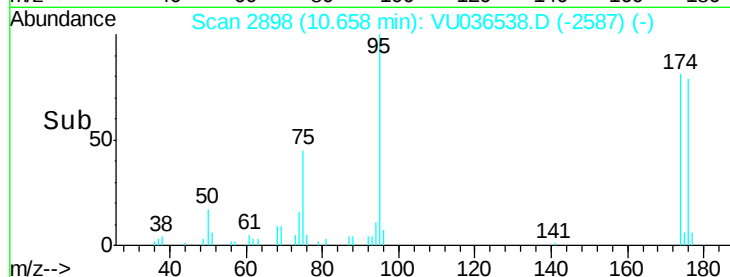
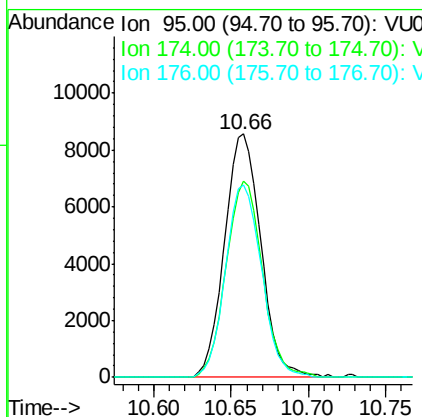
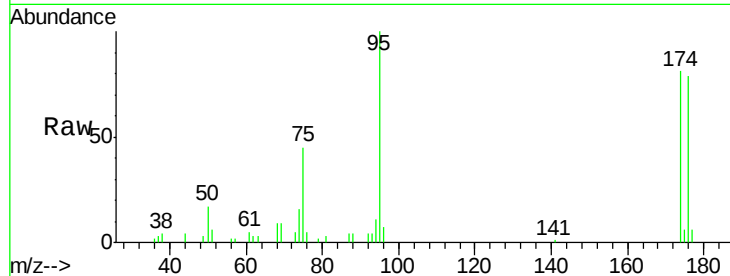




#57
 4-Bromofluorobenzene
 Concen: 0.994 ug/l
 RT: 10.66 min Scan# 2898
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

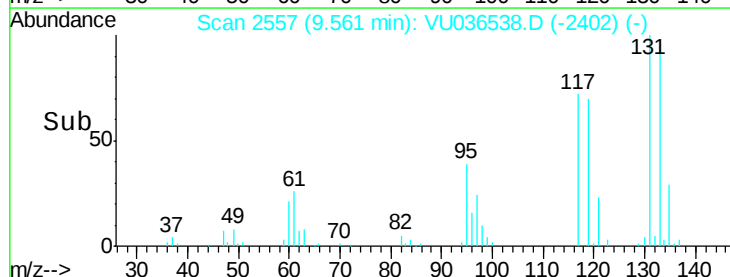
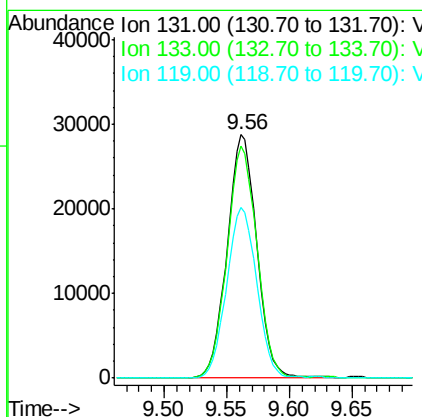
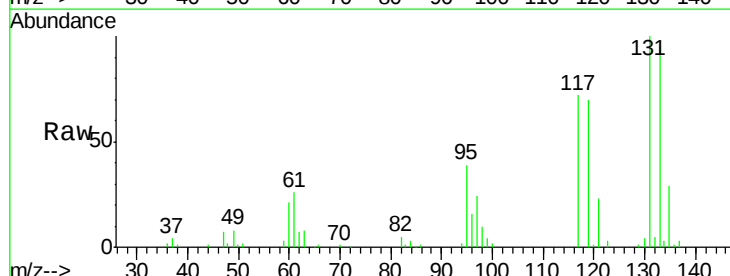
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

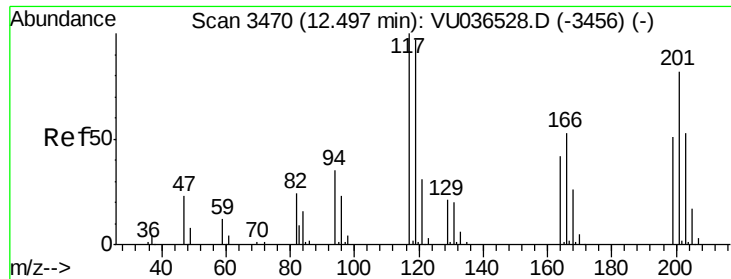
Tot Ion: 95 Resp: 13952
 Ion Ratio Lower Upper
 95 100
 174 80.4 64.7 97.1
 176 78.4 60.6 91.0



#60
 1,1,1,2-Tetrachloroethane
 Concen: 5.069 ug/l
 RT: 9.56 min Scan# 2557
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

Tgt Ion: 131 Resp: 47420
 Ion Ratio Lower Upper
 131 100
 133 96.5 76.4 114.6
 119 70.9 56.6 85.0





#62

Hexachloroethane

Concen: 0.293 ug/l

RT: 12.49 min Scan# 3469

Delta R.T. -0.00 min

Lab File: VU036538.D

Acq: 23 Jan 2020 14:04

Instrument :

MSVOA_U

ClientSampleId :

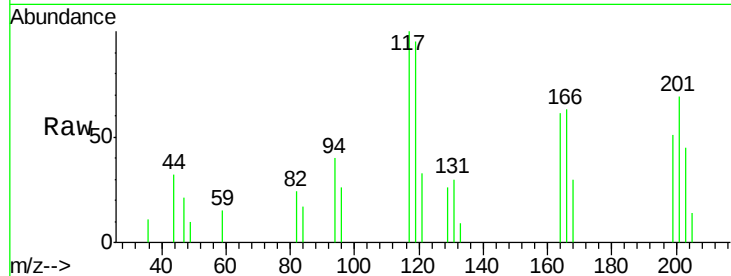
PT-UNRVOA-WS

Tot Ion:117 Resp: 2251

Ion Ratio Lower Upper

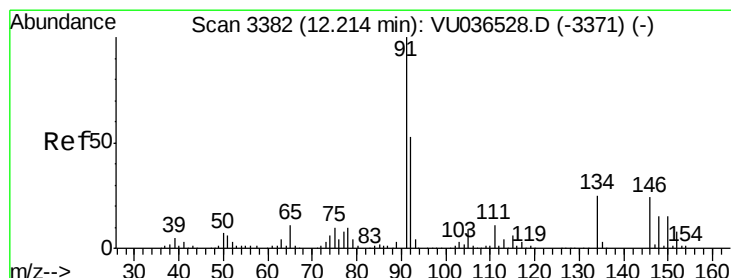
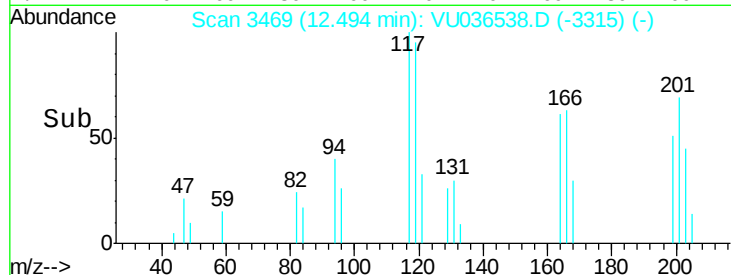
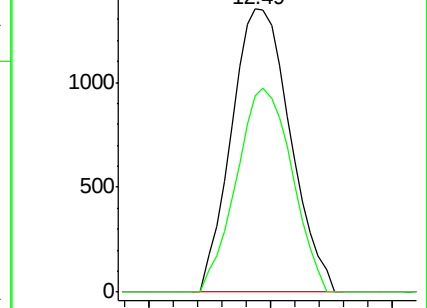
117 100

201 68.1 65.0 97.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V



#68

1,2-Dichlorobenzene-d4

Concen: 1.001 ug/l

RT: 12.21 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VU036538.D

Acq: 23 Jan 2020 14:04

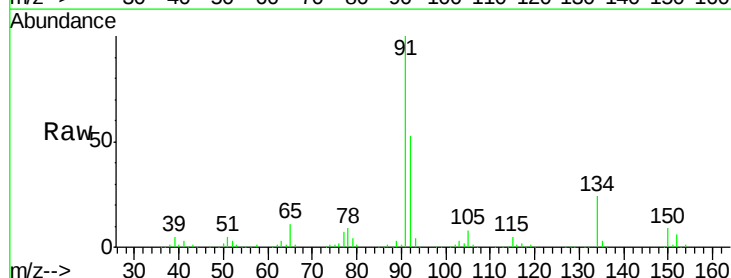
Tgt Ion:152 Resp: 14383

Ion Ratio Lower Upper

152 100

115 134.7 0.0 241.8

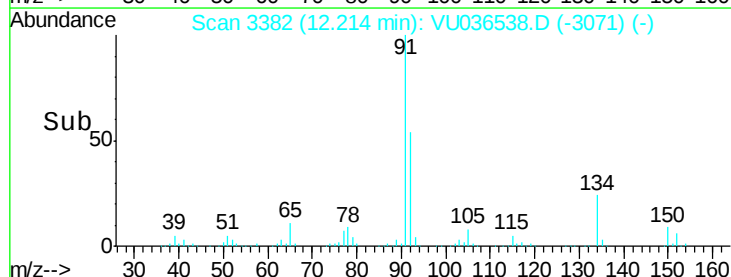
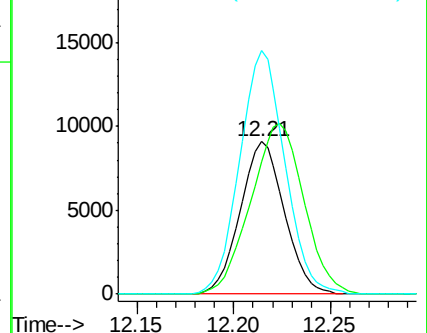
150 163.5 0.0 652.4

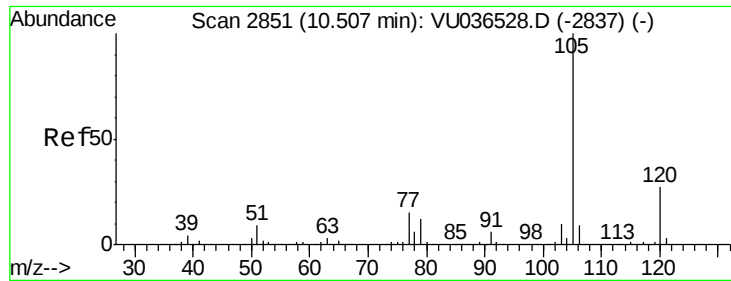


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 14.863 ug/l

RT: 10.51 min Scan# 2851

Delta R.T. -0.00 min

Lab File: VU036538.D

Acq: 23 Jan 2020 14:04

Instrument :

MSVOA_U

ClientSampleId :

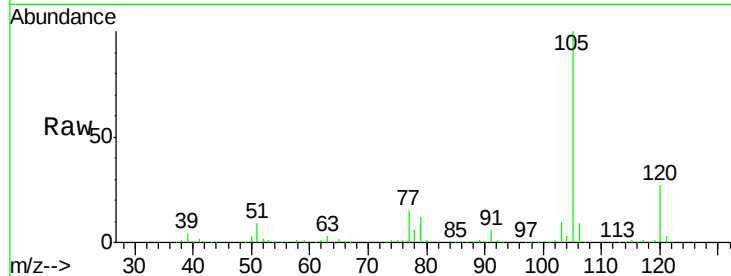
PT-UNRVOA-WS

Tot Ion:105 Resp: 734657

Ion Ratio Lower Upper

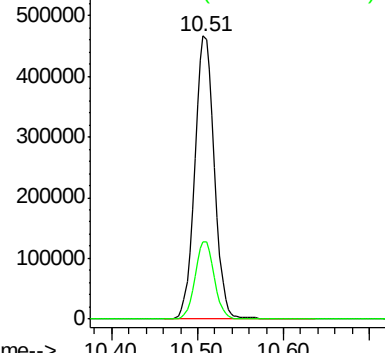
105 100

120 27.0 13.6 40.7

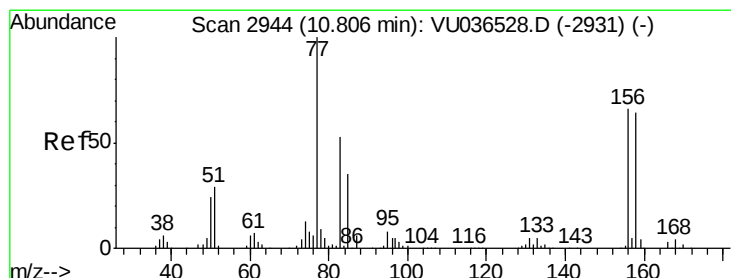
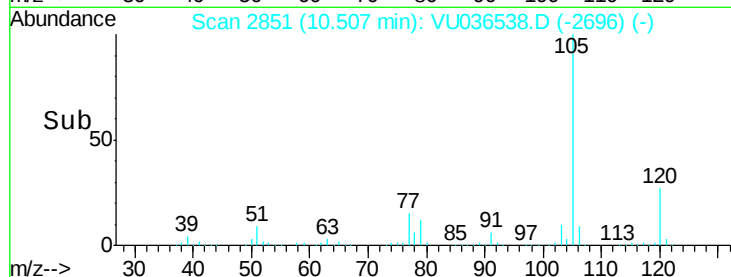


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 12.080 ug/l

RT: 10.81 min Scan# 2945

Delta R.T. 0.00 min

Lab File: VU036538.D

Acq: 23 Jan 2020 14:04

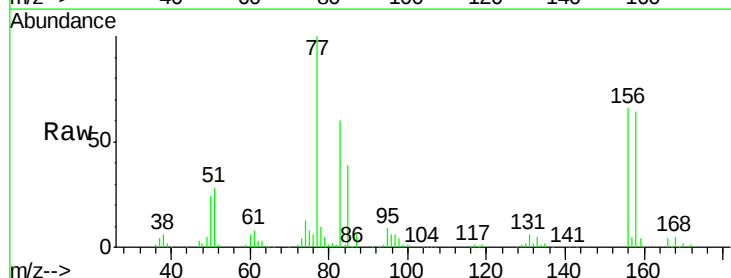
Tgt Ion: 83 Resp: 116899

Ion Ratio Lower Upper

83 100

131 9.9 7.8 11.8

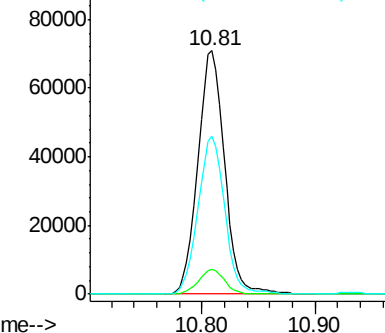
85 64.8 53.2 79.8



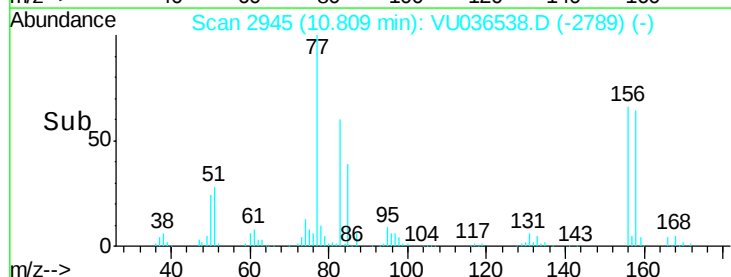
Abundance Ion 83.00 (82.70 to 83.70): VU0

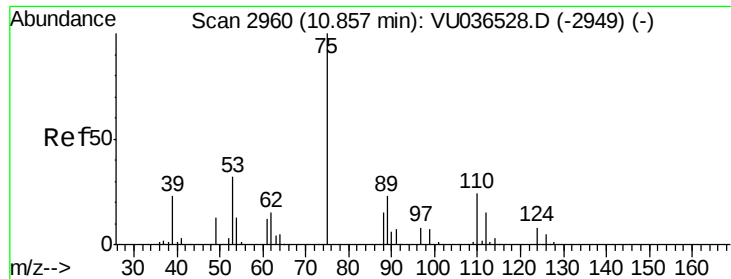
Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0



Time-->

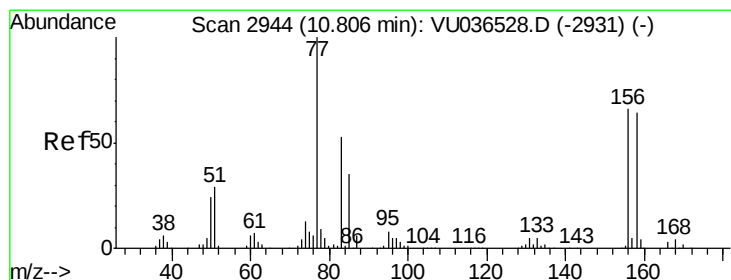
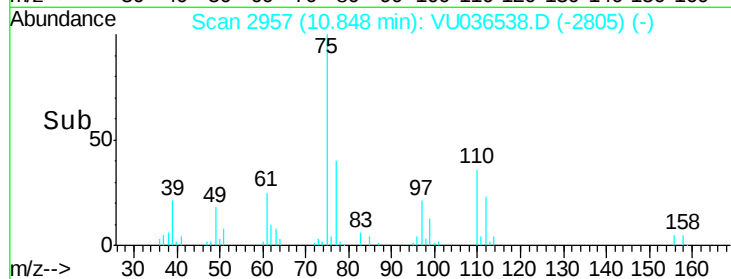
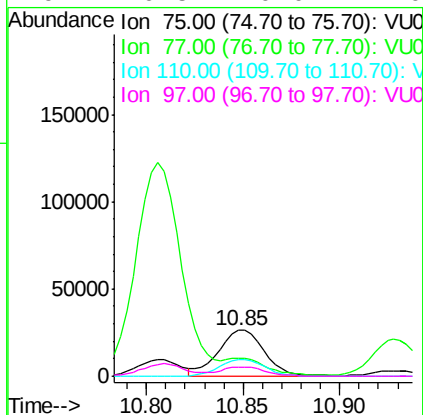
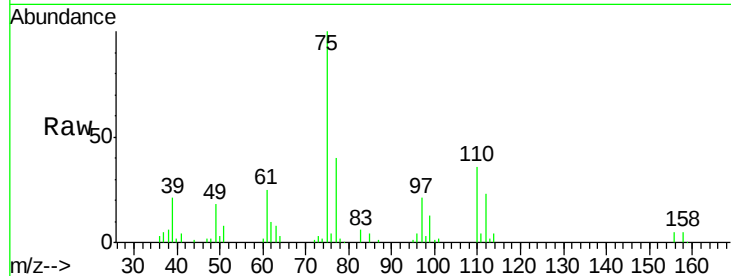




#71
 1,2,3-Trichloropropane
 Concen: 6.356 ug/l
 RT: 10.85 min Scan# 2957
 Delta R.T. -0.01 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

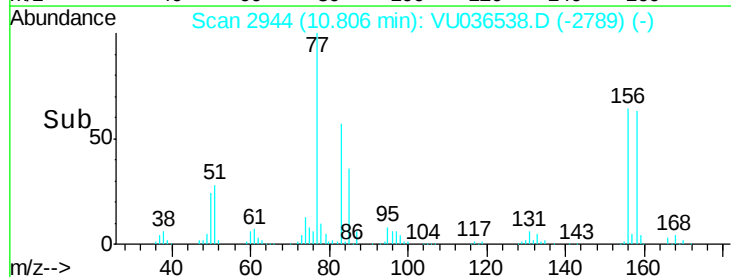
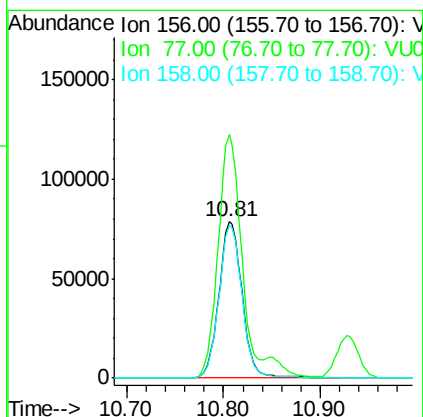
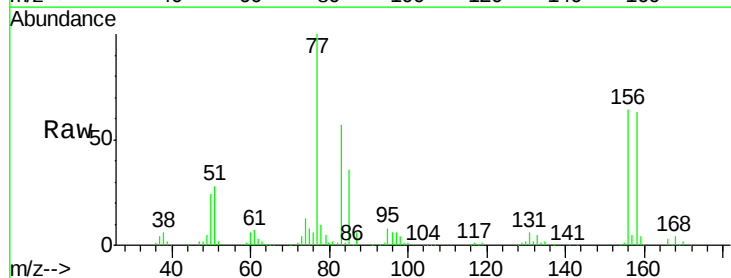
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

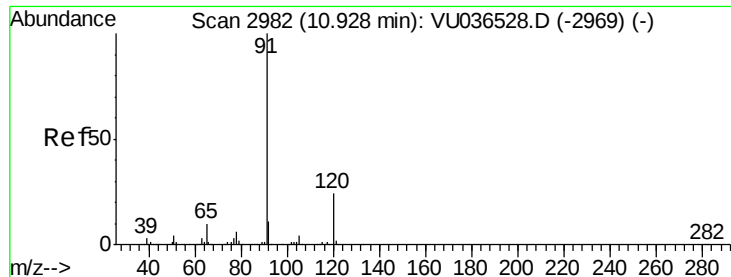
Tot Ion:	75	Resp:	43887
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	129.6
110	36.1	0.0	77.4
97	20.5	0.0	42.0



#72
 Bromobenzene
 Concen: 10.979 ug/l
 RT: 10.81 min Scan# 2944
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

Tgt Ion:	156	Resp:	130748
Ion	Ratio	Lower	Upper
156	100		
77	153.8	0.0	306.6
158	97.6	0.0	192.0





#73

n-propylbenzene

Concen: 15.081 ug/l

RT: 10.93 min Scan# 2982

Delta R.T. -0.00 min

Lab File: VU036538.D

Acq: 23 Jan 2020 14:04

Instrument :

MSVOA_U

ClientSampleId :

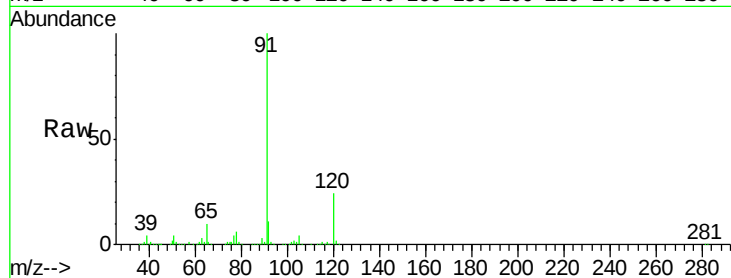
PT-UNRVOA-WS

Tot Ion:120 Resp: 209159

Ion Ratio Lower Upper

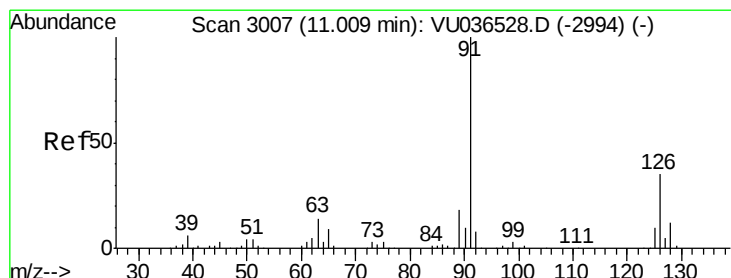
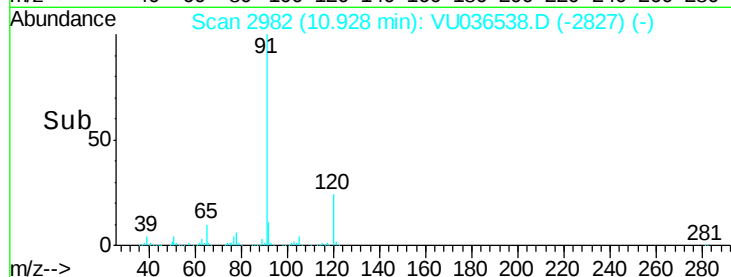
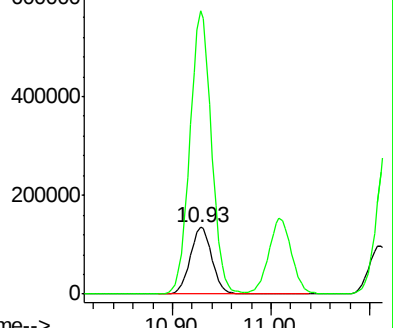
120 100

91 421.0 329.5 494.3



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 7.165 ug/l

RT: 11.01 min Scan# 3007

Delta R.T. -0.00 min

Lab File: VU036538.D

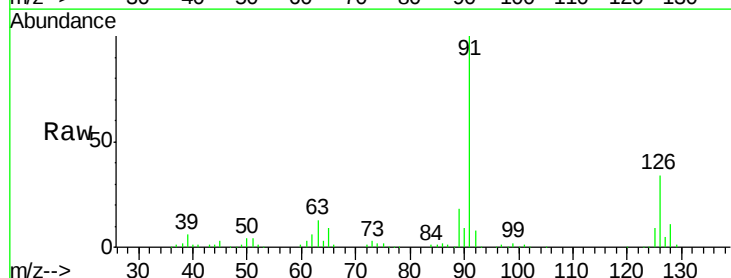
Acq: 23 Jan 2020 14:04

Tgt Ion:126 Resp: 85347

Ion Ratio Lower Upper

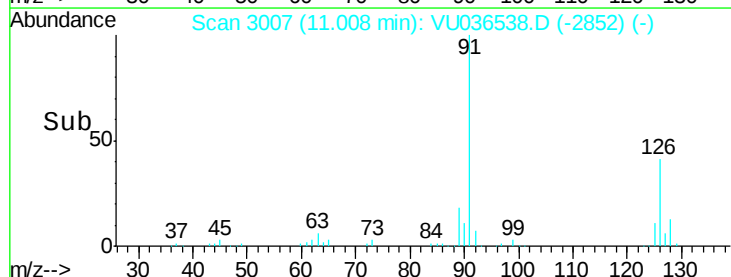
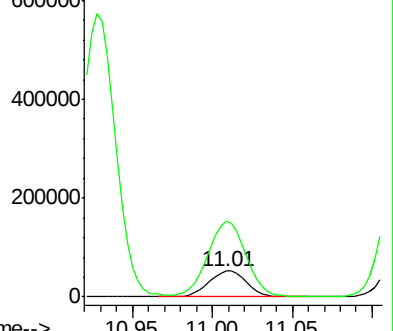
126 100

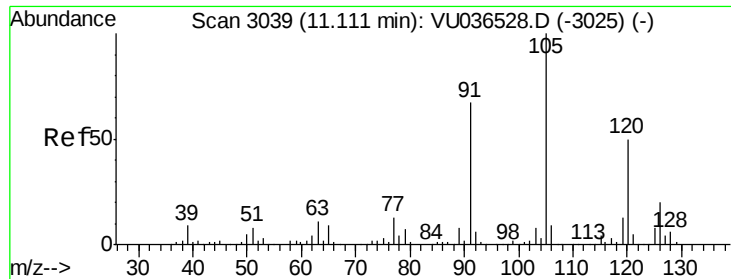
91 287.9 0.0 567.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 7.161 ug/l

RT: 11.11 min Scan# 3039

Delta R.T. -0.00 min

Lab File: VU036538.D

Acq: 23 Jan 2020 14:04

Instrument :

MSVOA_U

ClientSampleId :

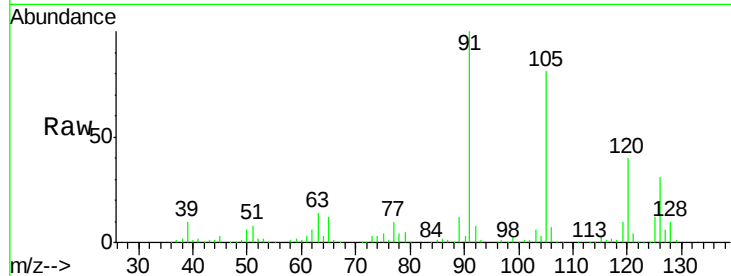
PT-UNRVOA-WS

Tot Ion:105 Resp: 303593

Ion Ratio Lower Upper

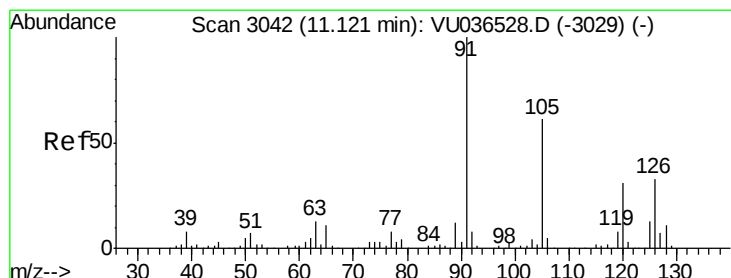
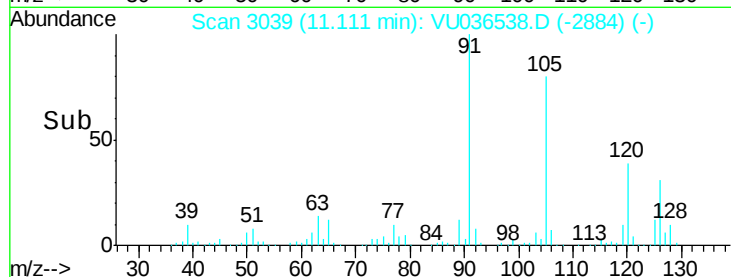
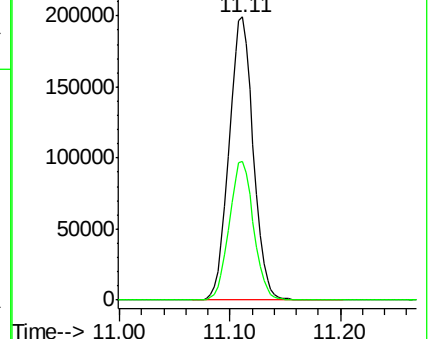
105 100

120 49.3 39.8 59.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 15.342 ug/l

RT: 11.12 min Scan# 3042

Delta R.T. -0.00 min

Lab File: VU036538.D

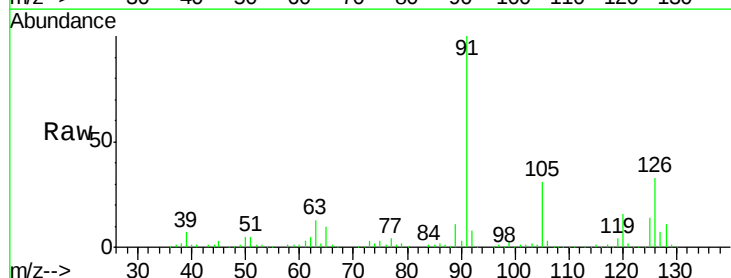
Acq: 23 Jan 2020 14:04

Tgt Ion:126 Resp: 188832

Ion Ratio Lower Upper

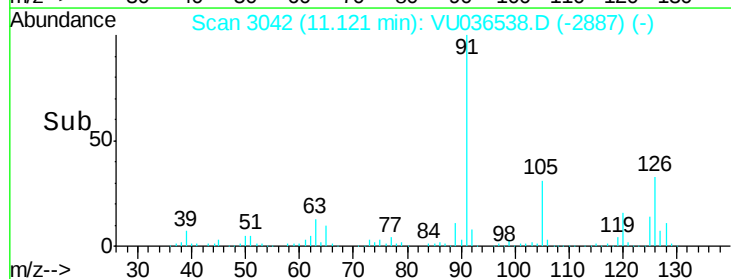
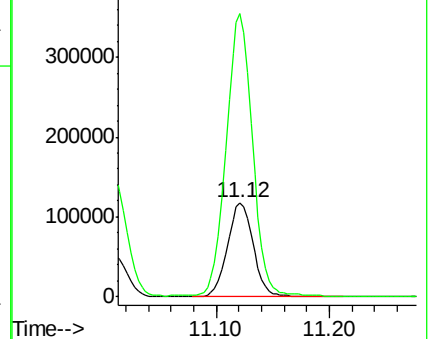
126 100

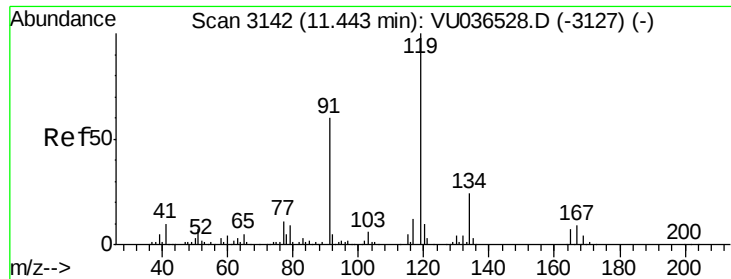
91 305.1 0.0 633.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 17.202 ug/l

RT: 11.44 min Scan# 3142

Delta R.T. -0.00 min

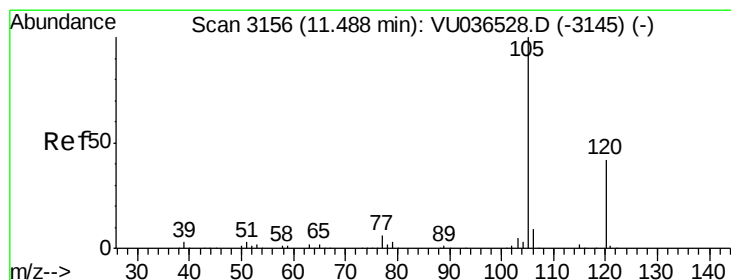
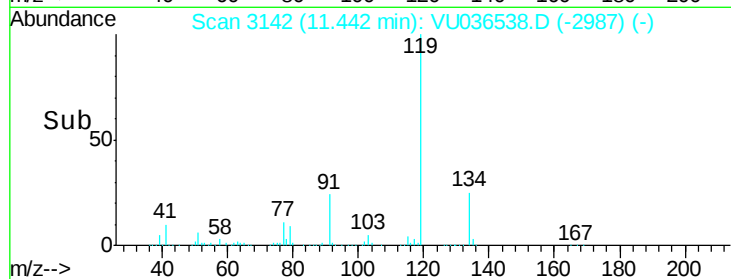
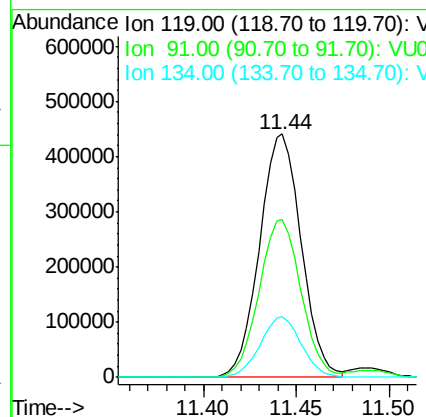
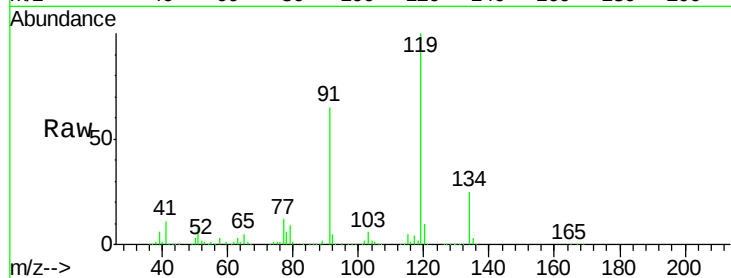
Lab File: VU036538.D

Acq: 23 Jan 2020 14:04

Instrument :
MSVOA_U
ClientSampleId :
PT-UNRVOA-WS

Tot Ion:119 Resp: 691015

Ion	Ratio	Lower	Upper
119	100		
91	65.2	29.3	87.8
134	24.4	19.0	28.4



#78

1,2,4-Trimethylbenzene

Concen: 4.435 ug/l

RT: 11.49 min Scan# 3156

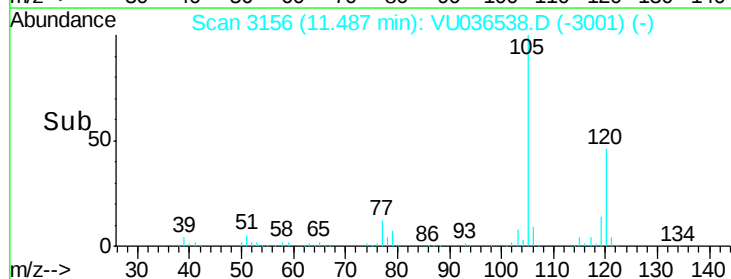
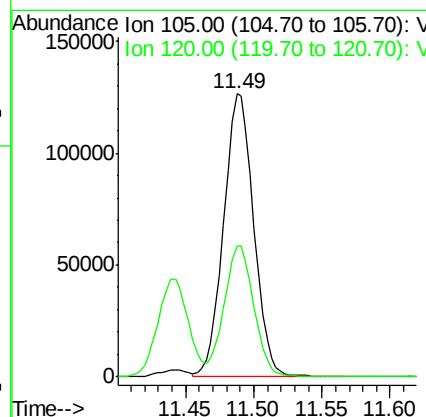
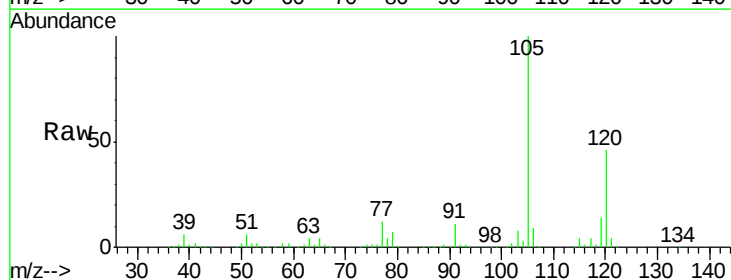
Delta R.T. -0.00 min

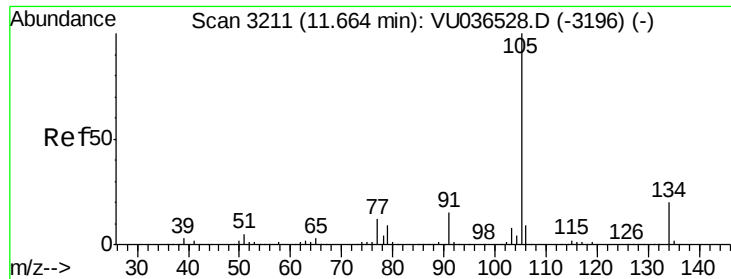
Lab File: VU036538.D

Acq: 23 Jan 2020 14:04

Tgt Ion:105 Resp: 193864

Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.3	69.8





#79

sec-Butylbenzene

Concen: 15.298 ug/l

RT: 11.66 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VU036538.D

Acq: 23 Jan 2020 14:04

Instrument :

MSVOA_U

ClientSampleId :

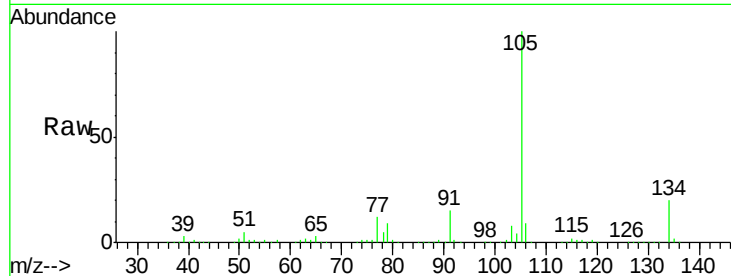
PT-UNRVOA-WS

Tot Ion:105 Resp: 852566

Ion Ratio Lower Upper

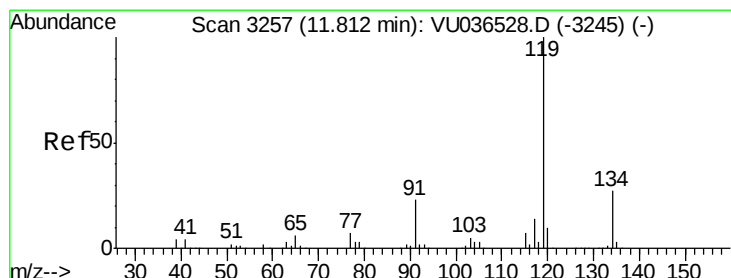
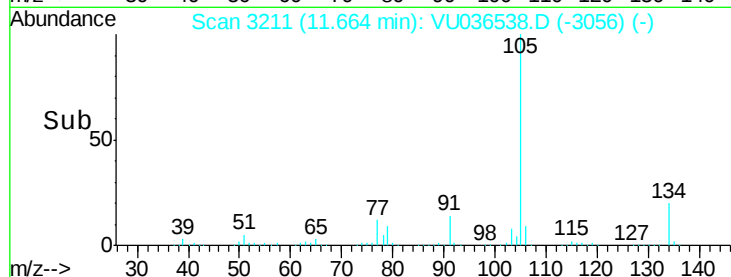
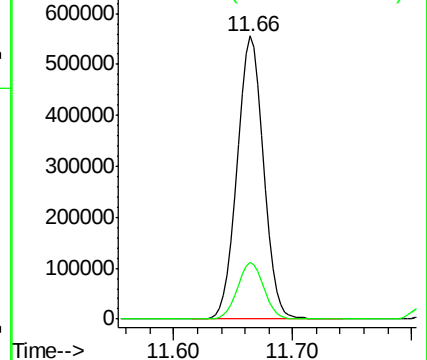
105 100

134 20.1 16.0 24.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#81

p-Isopropyltoluene

Concen: 4.262 ug/l

RT: 11.81 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VU036538.D

Acq: 23 Jan 2020 14:04

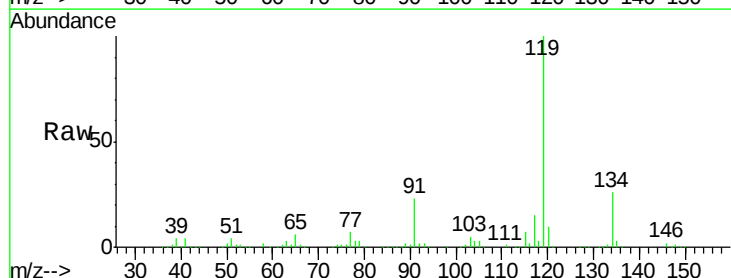
Tgt Ion:119 Resp: 198557

Ion Ratio Lower Upper

119 100

134 26.6 21.4 32.0

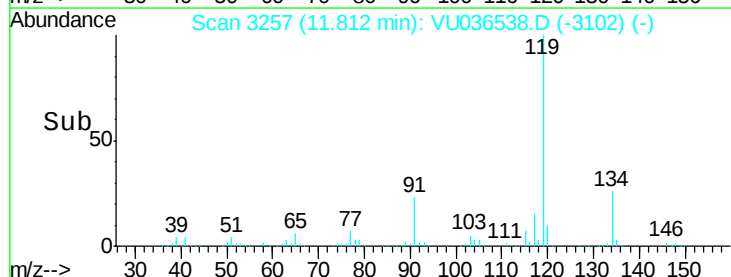
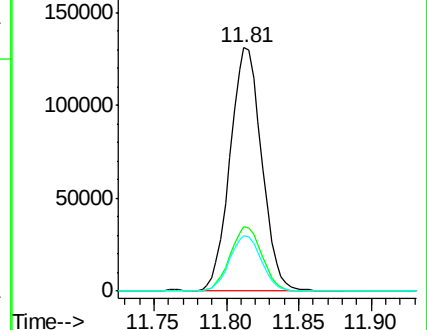
91 22.8 18.3 27.5

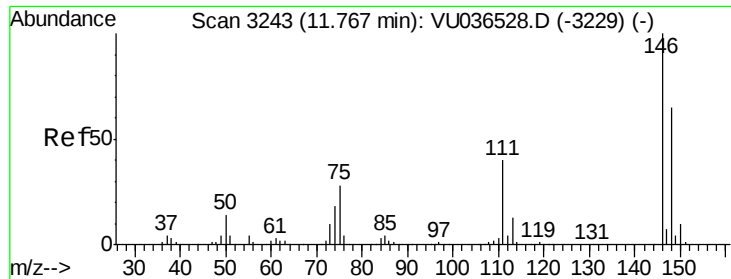


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU

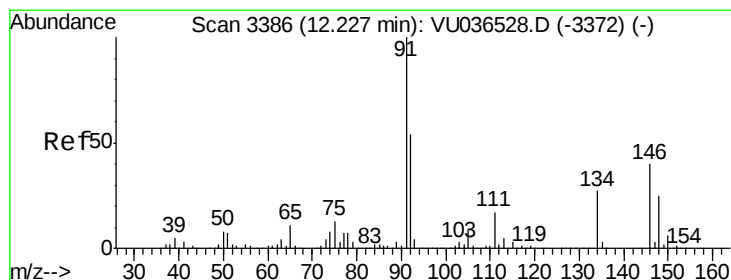
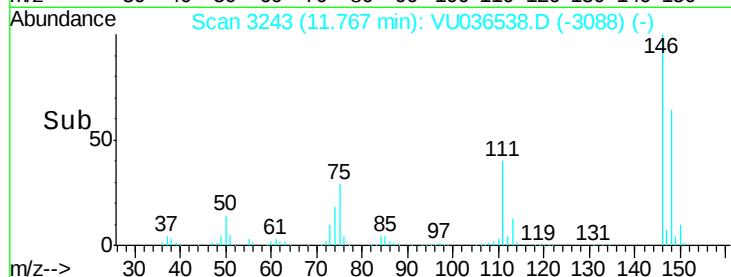
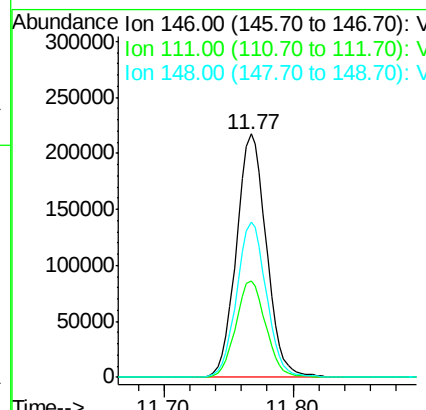
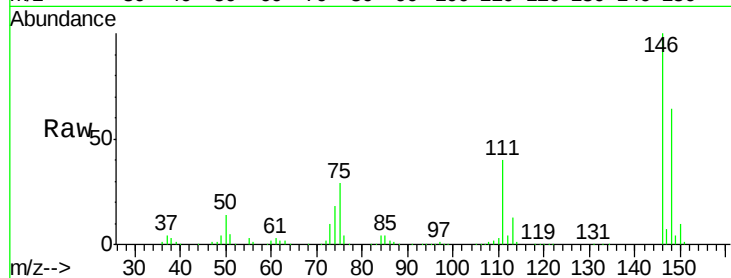




#82
 1,3-Dichlorobenzene
 Concen: 14.721 ug/l
 RT: 11.77 min Scan# 3243
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

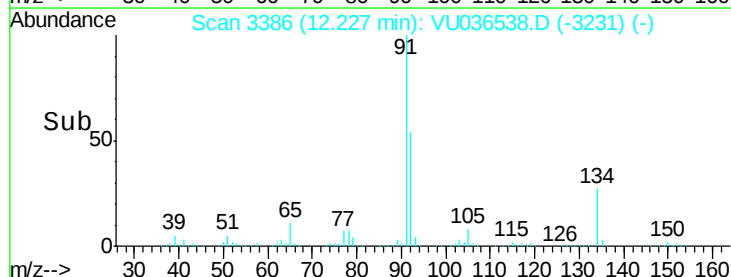
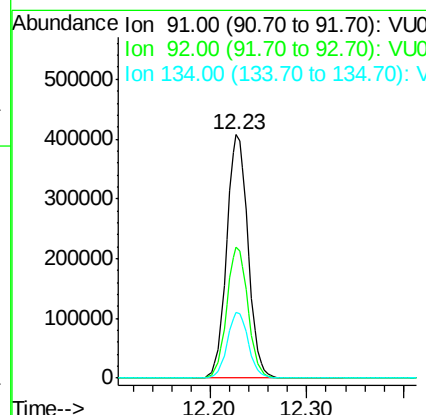
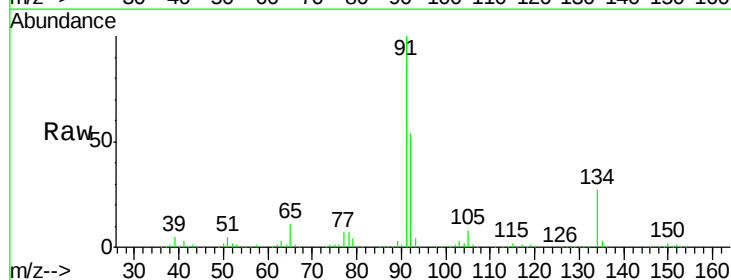
Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

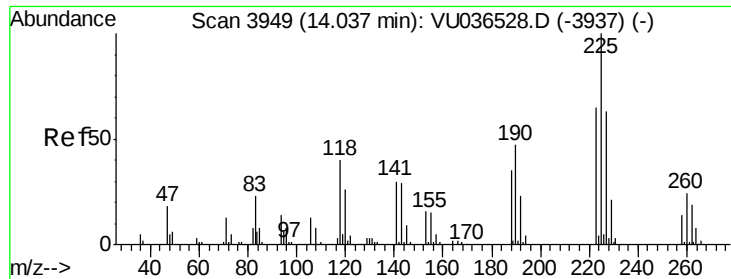
Tot Ion:146 Resp: 350724
 Ion Ratio Lower Upper
 146 100
 111 39.8 32.2 48.2
 148 63.4 51.4 77.2



#84
 n-Butylbenzene
 Concen: 14.405 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

Tgt Ion: 91 Resp: 620554
 Ion Ratio Lower Upper
 91 100
 92 53.4 42.9 64.3
 134 26.6 21.4 32.0





#88

Hexachlorobutadiene

Concen: 34.948 ug/l

RT: 14.04 min Scan# 3949

Delta R.T. -0.00 min

Lab File: VU036538.D

Acq: 23 Jan 2020 14:04

Instrument :

MSVOA_U

ClientSampleId :

PT-UNRVOA-WS

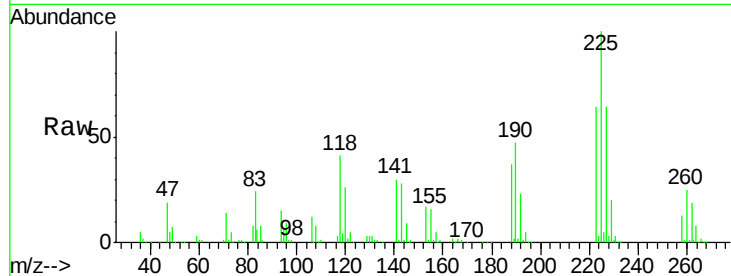
Tot Ion:225 Resp: 279333

Ion Ratio Lower Upper

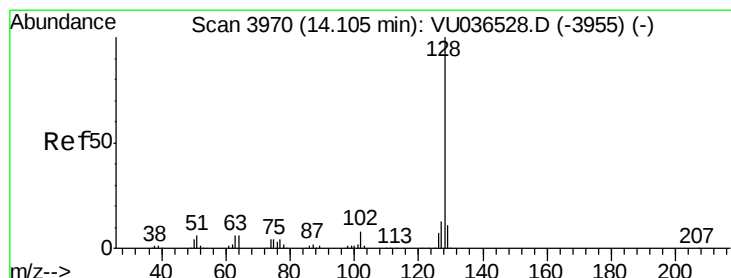
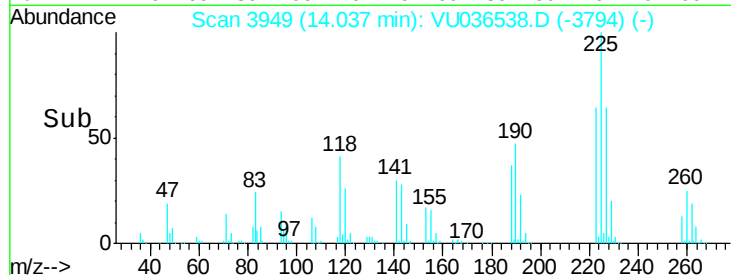
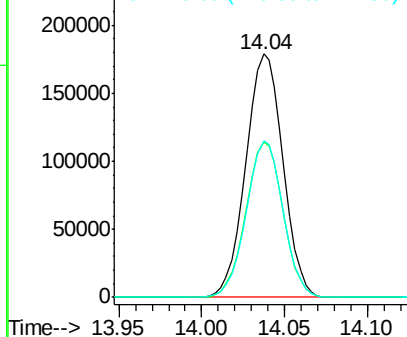
225 100

223 63.8 51.7 77.5

227 63.5 50.6 75.8



Abundance Ion 224.60 (224.30 to 225.30): V
Ion 222.60 (222.30 to 223.30): V
Ion 226.60 (226.30 to 227.30): V



#89

Naphthalene

Concen: 30.909 ug/l

RT: 14.10 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VU036538.D

Acq: 23 Jan 2020 14:04

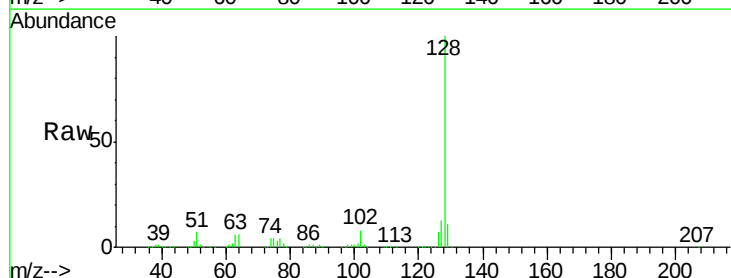
Tgt Ion:128 Resp: 776604

Ion Ratio Lower Upper

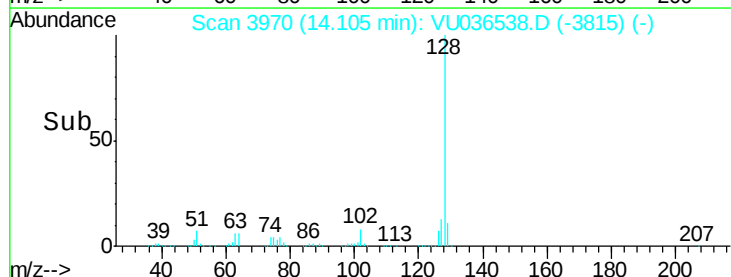
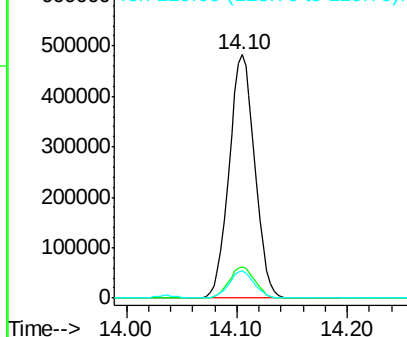
128 100

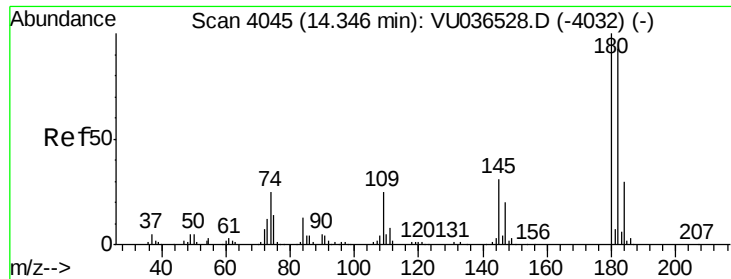
127 13.1 10.5 15.7

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#90
 1,2,3-Trichlorobenzene
 Concen: 25.308 ug/l
 RT: 14.35 min Scan# 4045
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.2	114.4
145	31.5	25.2	37.8

