

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 :

Quant Time: Jan 24 00:52:07 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
12) Acrylonitrile	3.42	53	5511	2.298	ug/l #	29
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
24) tert-Butyl Alcohol	3.23	59	377	0.559	ug/l #	72
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
46) t-1,4-Dichloro-2-butene	10.85	75	43887	16.362	ug/l #	26
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
61) Pentachloroethane	11.44	117	24663	4.086	ug/l #	11
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
83) 1,4-Dichlorobenzene	11.77	146	350724	14.728	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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MSVOA_U
ClientSampleId :

Quant Time: Jan 24 00:52:07 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

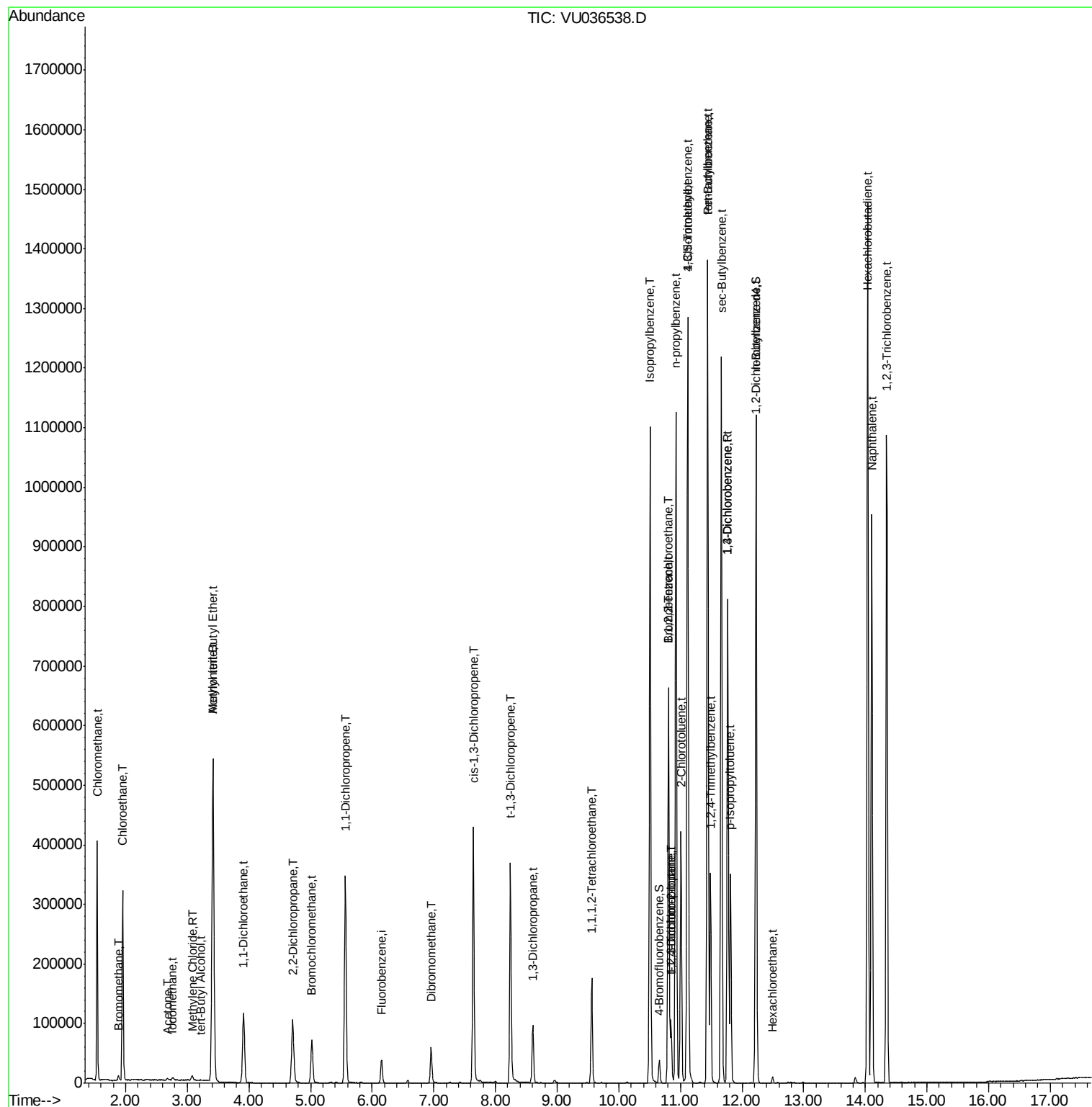
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

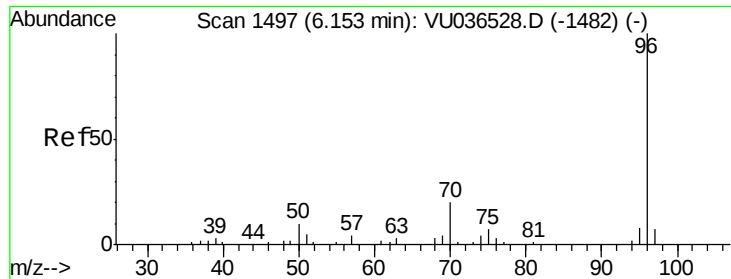
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012320\
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1497

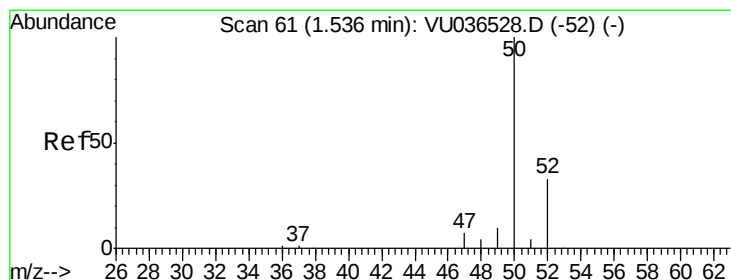
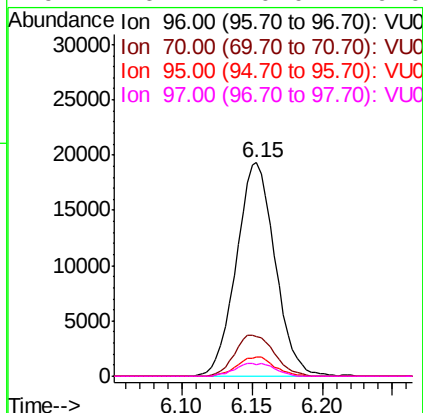
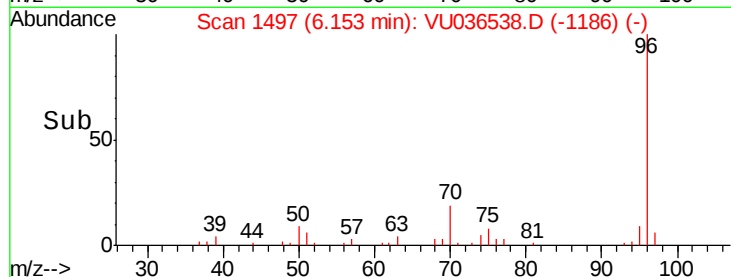
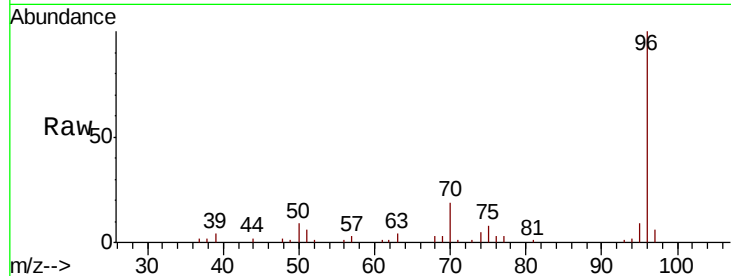
Delta R.T. -0.00 min

Lab File: VU036538.D

Acq: 23 Jan 2020 14:04

Instrument :
MSVOA_U
ClientSampleId :

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#



#3

Chloromethane

Concen: 20.974 ug/l

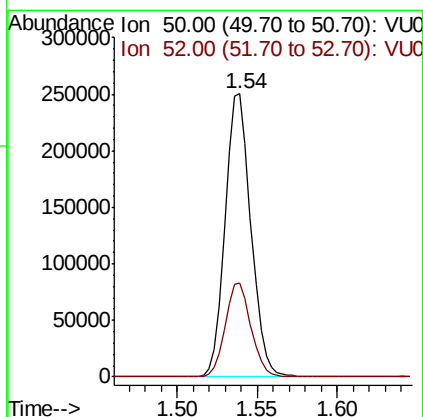
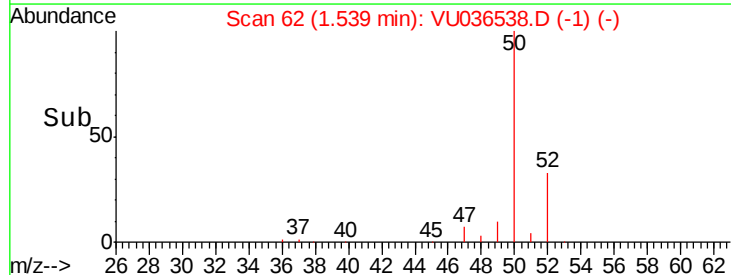
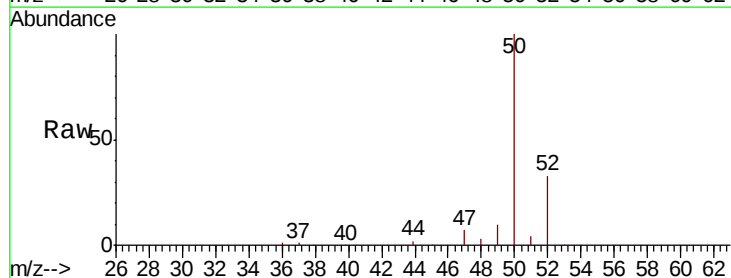
RT: 1.54 min Scan# 62

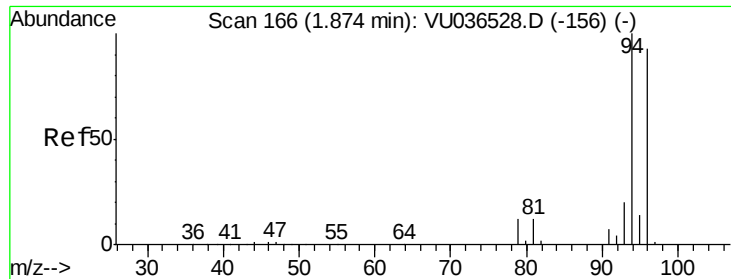
Delta R.T. 0.00 min

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

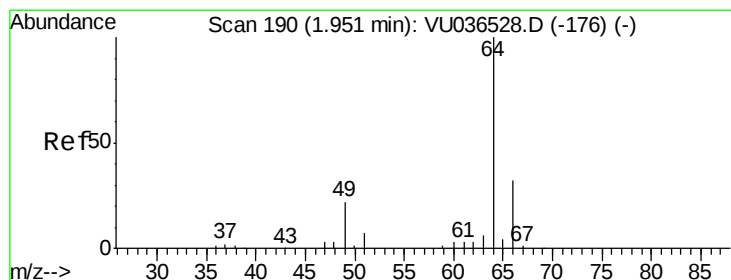
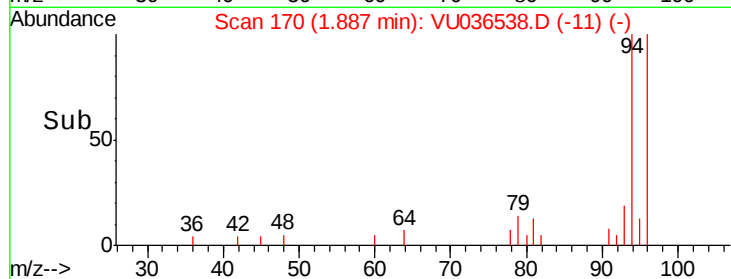
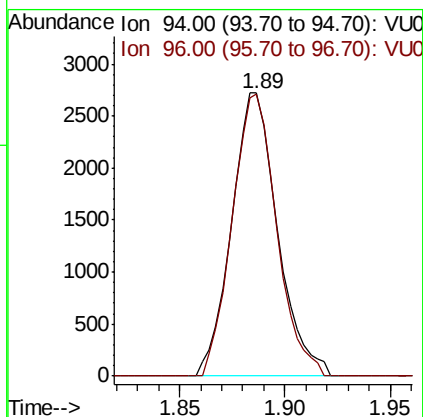
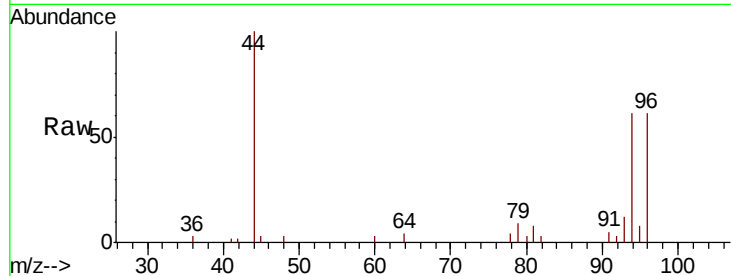




#5
Bromomethane
Concen: 0.444 ug/l
RT: 1.89 min Scan# 170
Delta R.T. 0.01 min
Lab File: VU036538.D
Acq: 23 Jan 2020 14:04

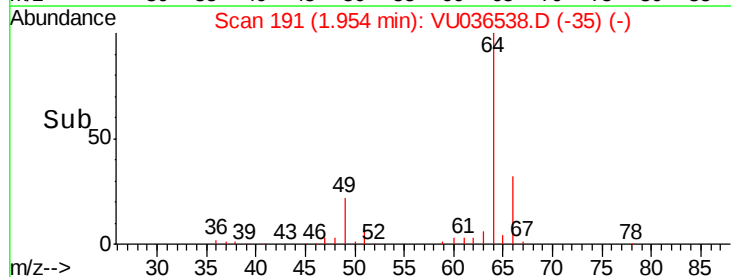
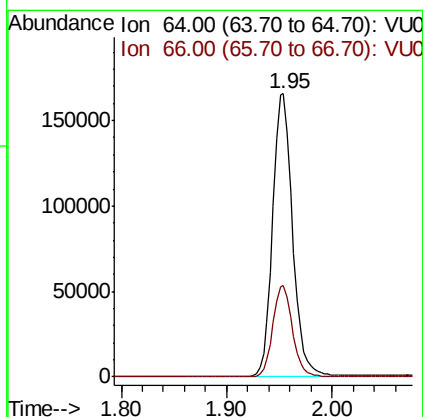
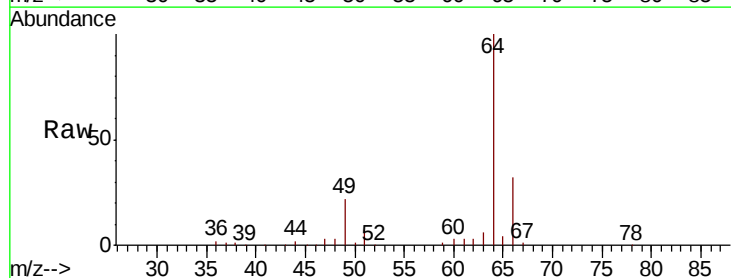
Instrument :
MSVOA_U
ClientSampleId :

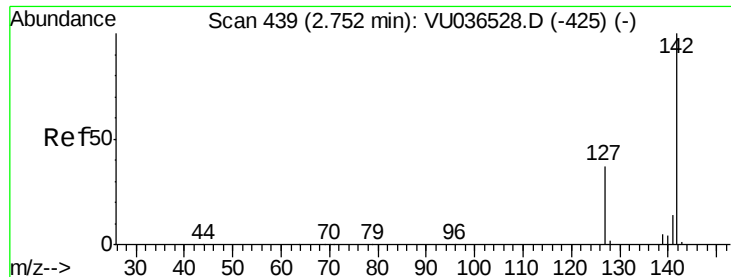
Tot Ion: 94 Resp: 4113
Ion Ratio Lower Upper
94 100
96 99.6 74.6 112.0



#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

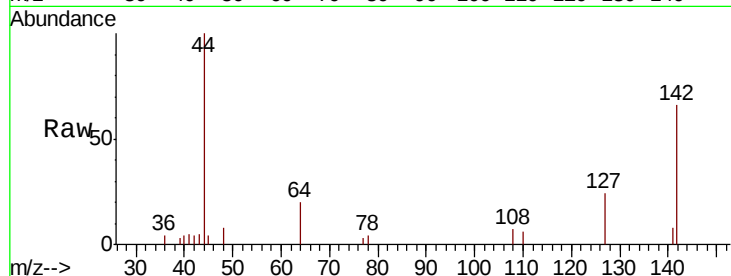
ClientSampleId :

Tot Ion:142 Resp: 4303

Ion Ratio Lower Upper

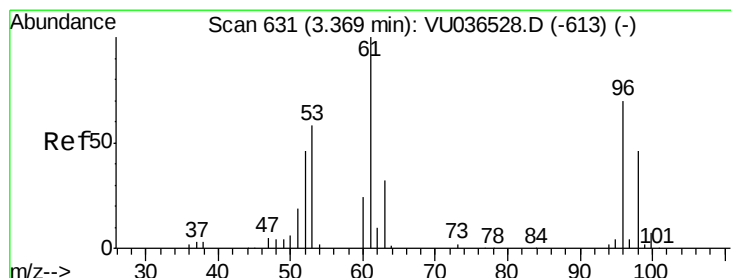
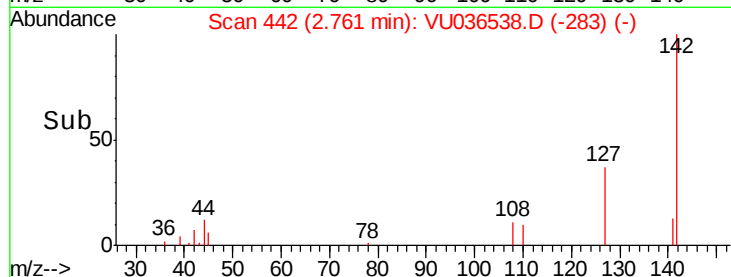
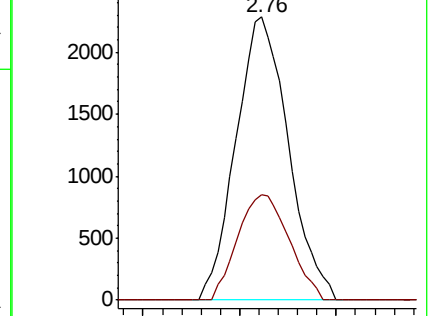
142 100

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



#12

Acrylonitrile

Concen: 2.298 ug/l

RT: 3.42 min Scan# 646

Delta R.T. 0.05 min

Lab File: VU036538.D

Acq: 23 Jan 2020 14:04

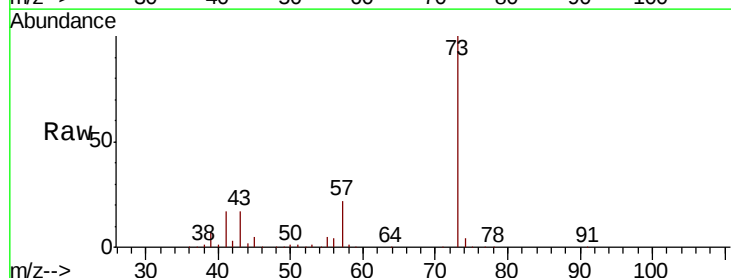
Tgt Ion: 53 Resp: 5511

Ion Ratio Lower Upper

53 100

52 20.1 64.6 97.0#

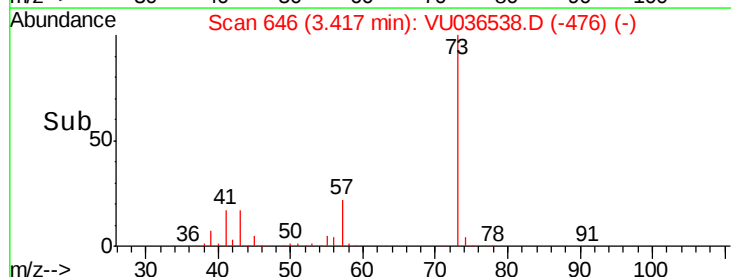
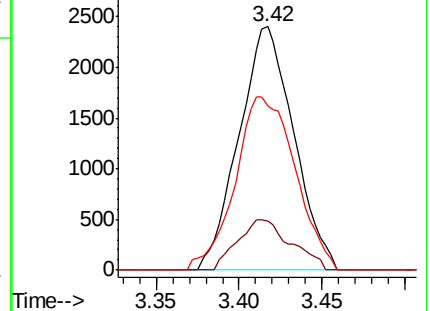
51 77.9 27.2 40.8#

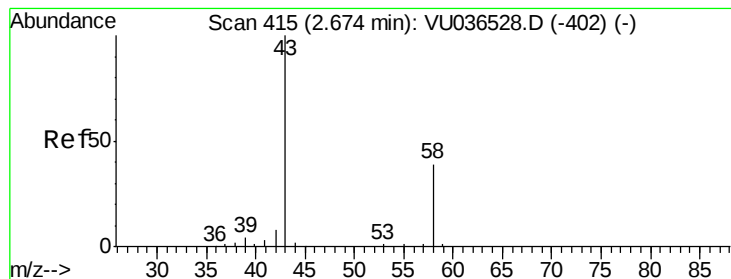


Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0





#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

Instrument :

MSVOA_U

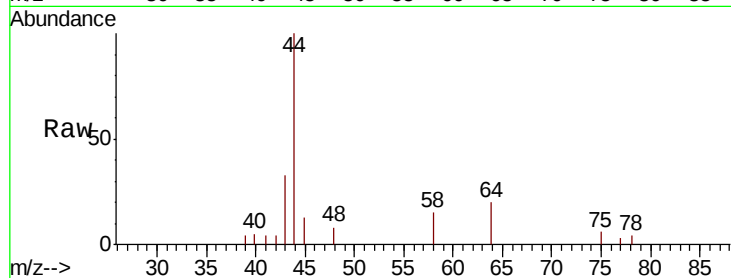
ClientSampleId :

Tot Ion: 43 Resp: 3203

Ion Ratio Lower Upper

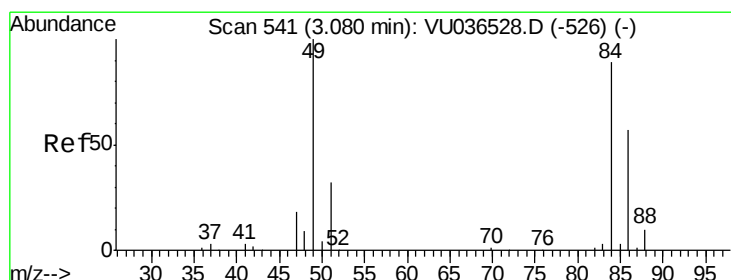
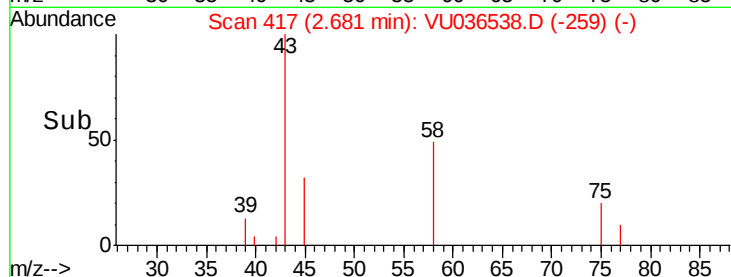
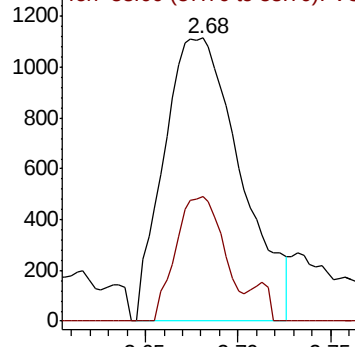
43 100

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



#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

Tgt Ion: 84 Resp: 3603

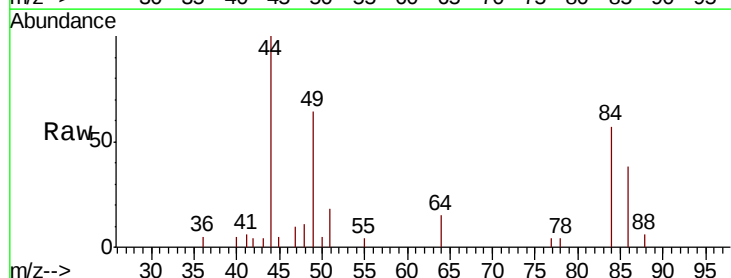
Ion Ratio Lower Upper

84 100

49 111.4 89.7 134.5

51 32.0 0.0 71.6

86 66.7 51.4 77.2

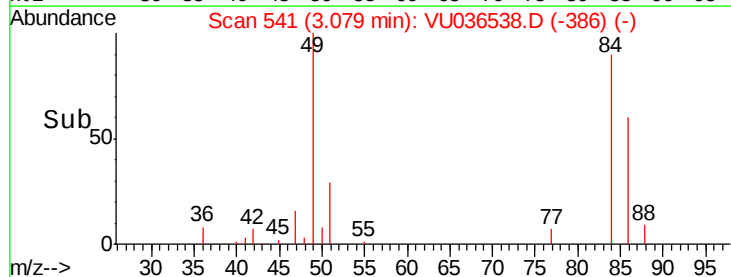
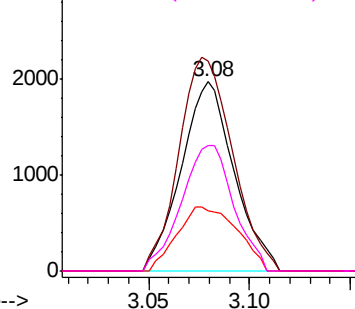


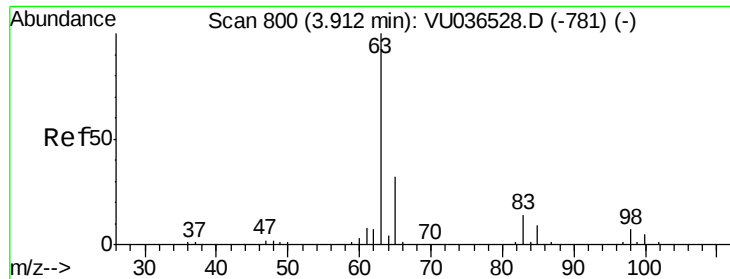
Abundance Ion 84.00 (83.70 to 84.70): VU0

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

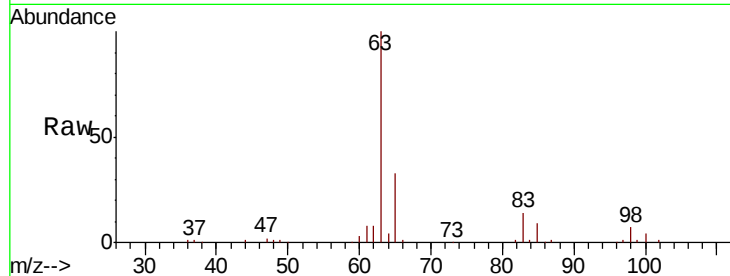




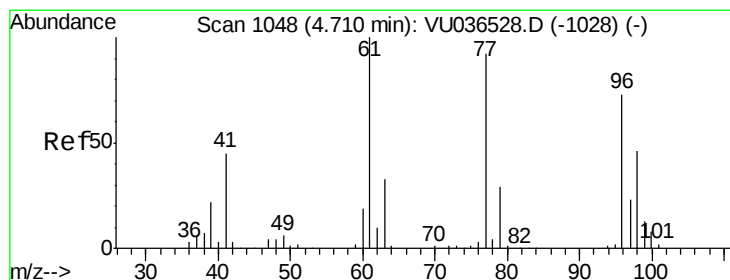
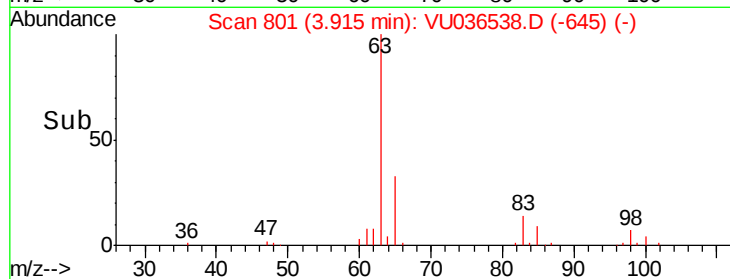
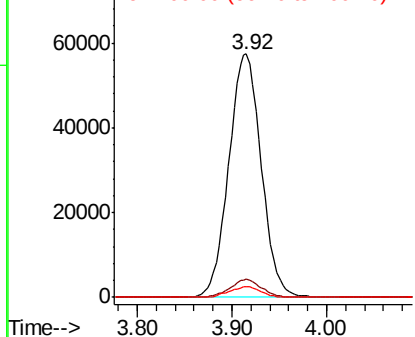
#17
 1,1-Dichloroethane
 Concen: 7.778 ug/l
 RT: 3.92 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

Instrument :
 MSVOA_U
 ClientSampleId :

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

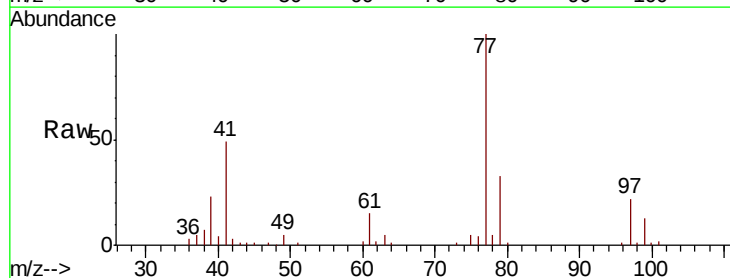


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

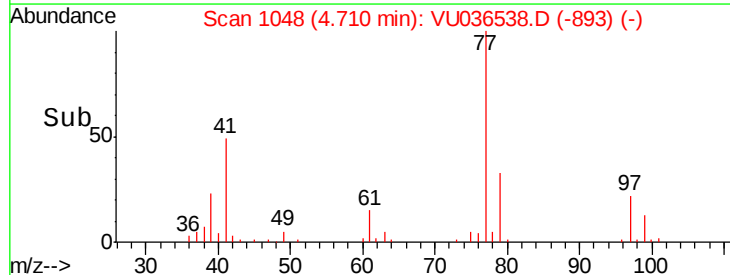
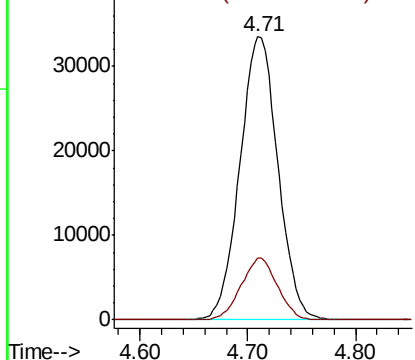


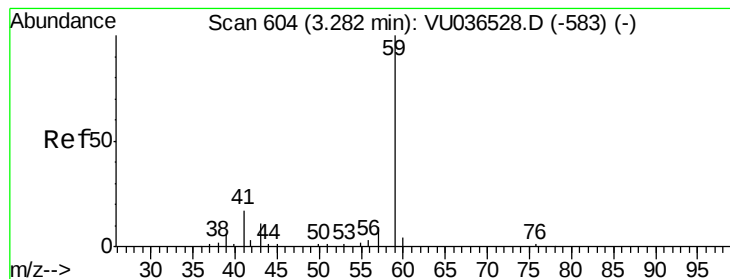
#21
 2,2-Dichloropropane
 Concen: 5.482 ug/l
 RT: 4.71 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

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



Abundance Ion 77.00 (76.70 to 77.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0



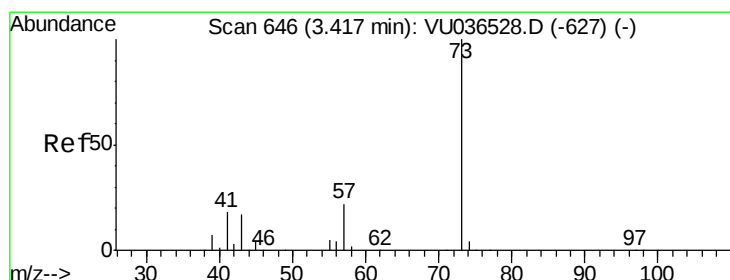
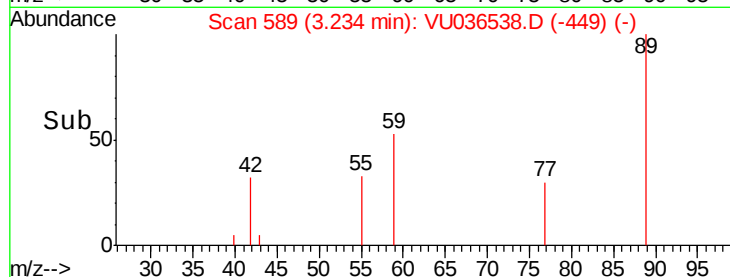
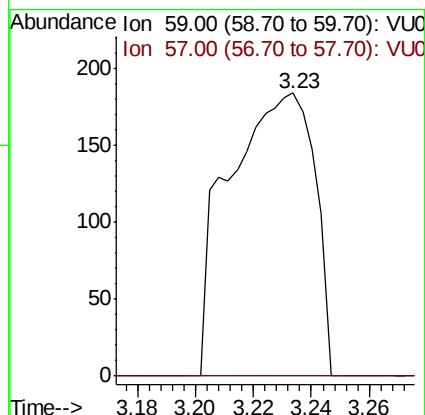
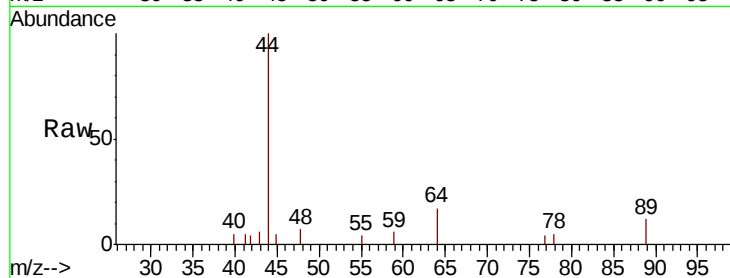


#24

tert-Butyl Alcohol
 Concen: 0.559 ug/l
 RT: 3.23 min Scan# 589
 Delta R.T. -0.05 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

Instrument :
 MSVOA_U
 ClientSampleId :

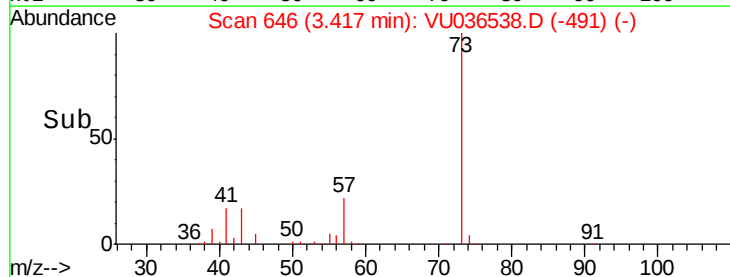
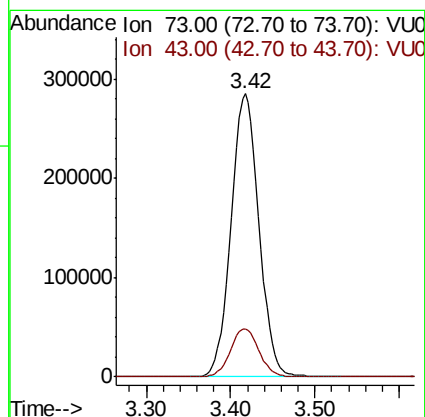
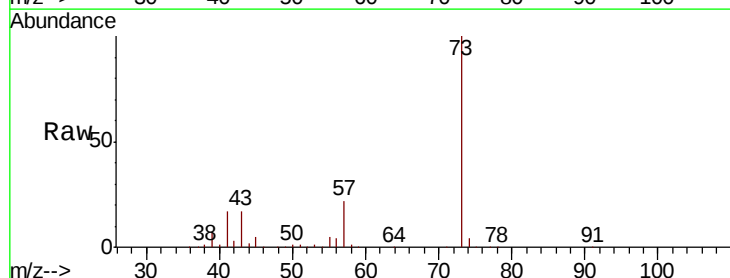
Tot Ion: 59 Resp: 377
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

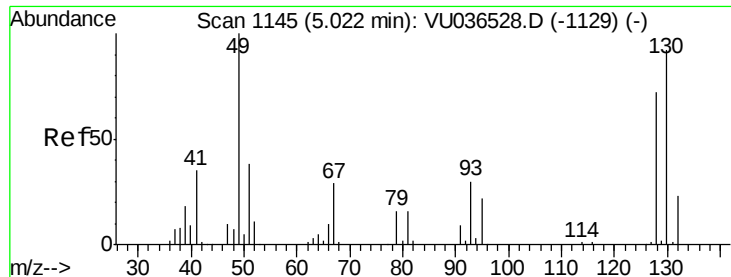


#25

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

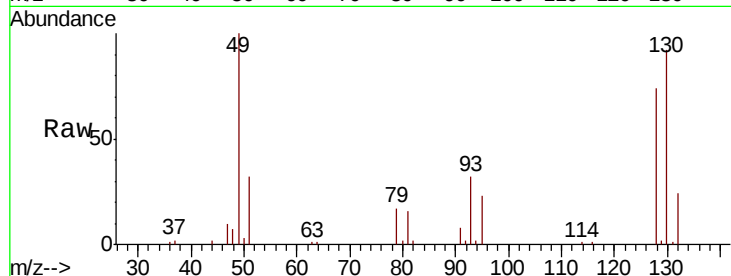




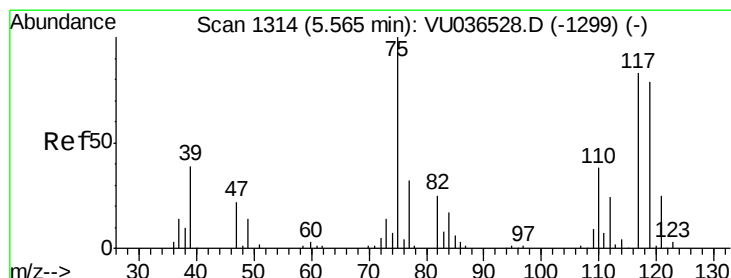
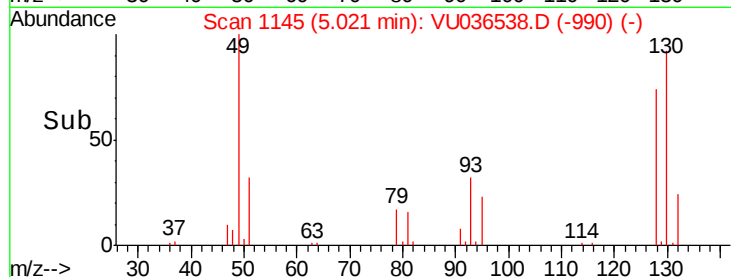
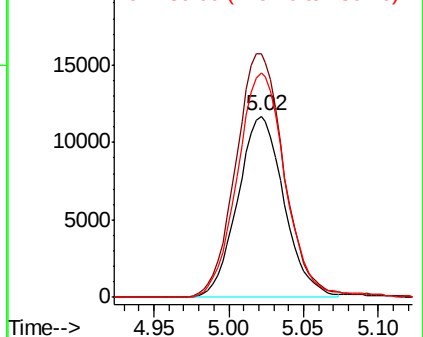
#26
Bromochloromethane
Concen: 5.196 ug/l
RT: 5.02 min Scan# 1145
Delta R.T. -0.00 min
Lab File: VU036538.D
Acq: 23 Jan 2020 14:04

Instrument :
MSVOA_U
ClientSampleId :

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

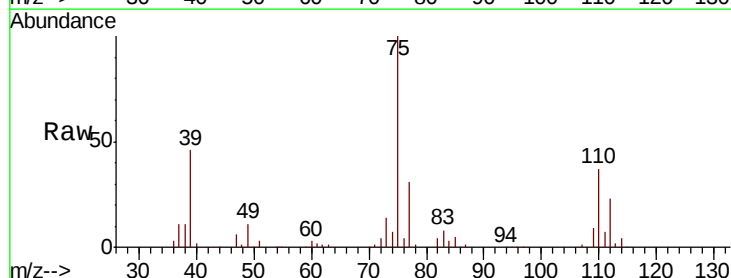


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VU0
Ion 130.00 (129.70 to 130.70): V

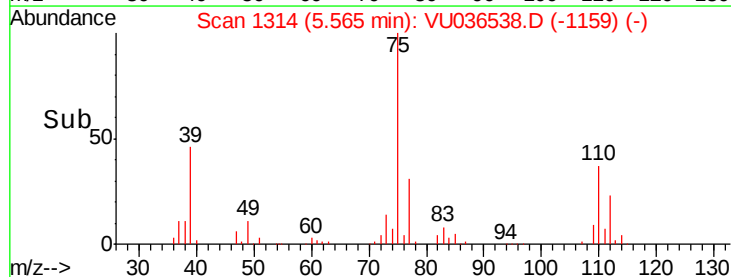
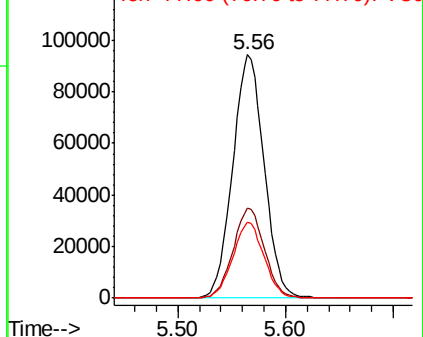


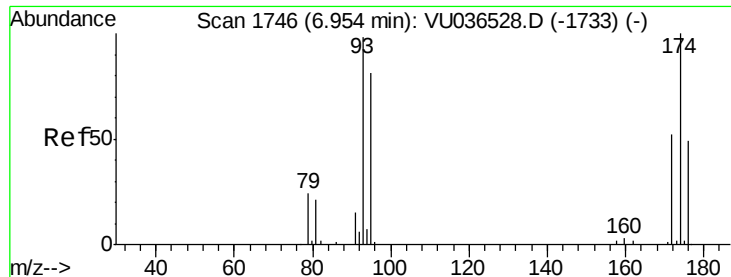
#29
1,1-Dichloropropene
Concen: 13.456 ug/l
RT: 5.56 min Scan# 1314
Delta R.T. -0.00 min
Lab File: VU036538.D
Acq: 23 Jan 2020 14:04

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

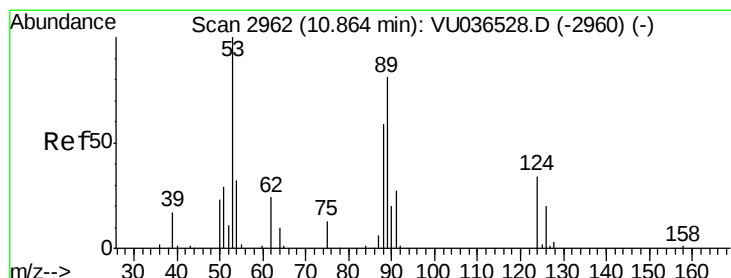
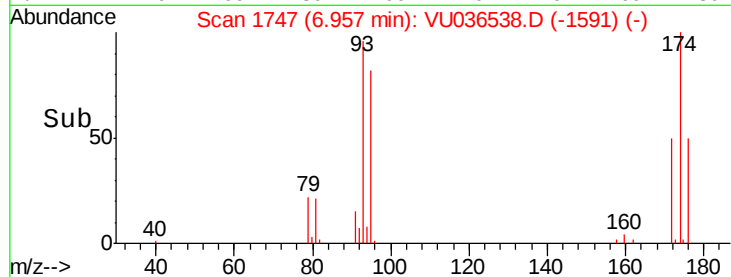
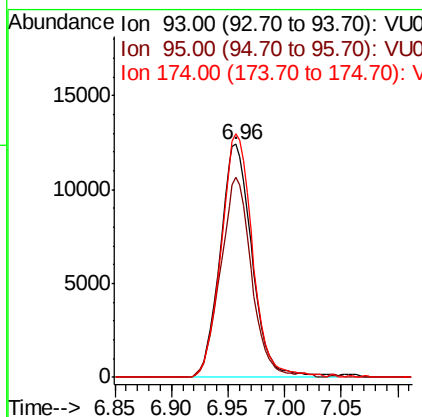
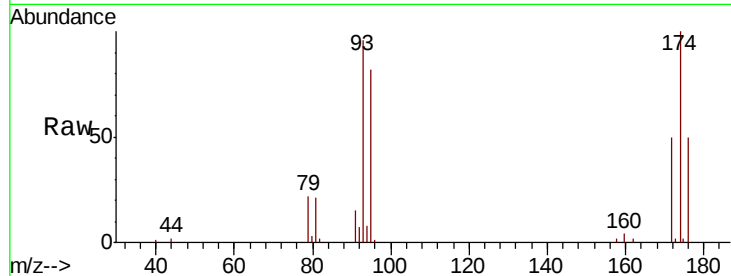




#43
Dibromomethane
Concen: 4.505 ug/l
RT: 6.96 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VU036538.D
Acq: 23 Jan 2020 14:04

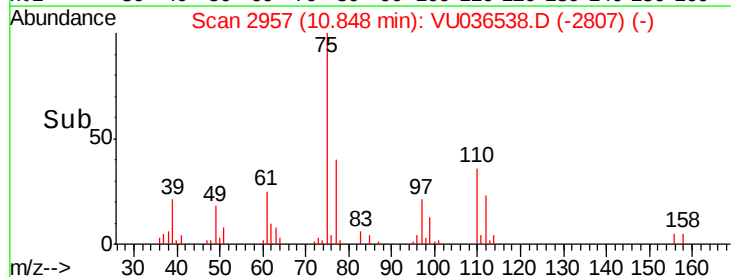
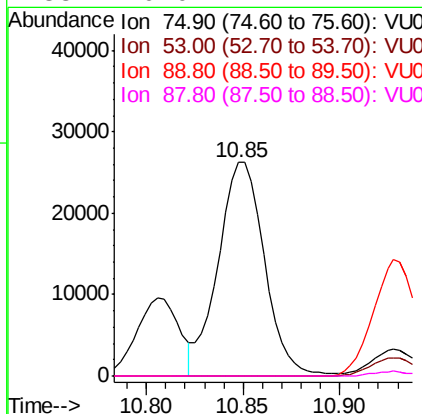
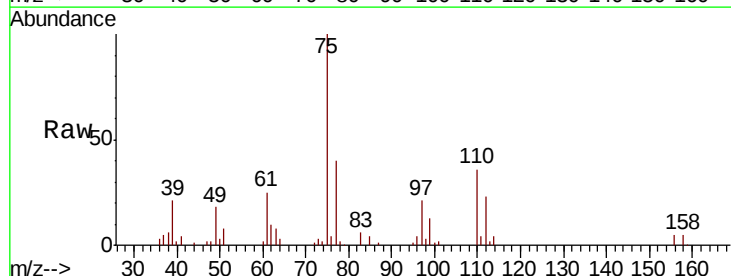
Instrument :
MSVOA_U
ClientSampleId :

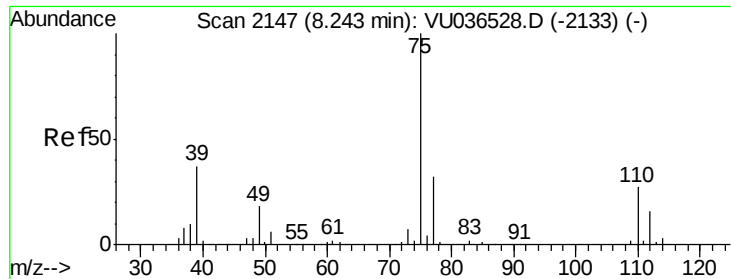
Tot Ion: 93 Resp: 24354
Ion Ratio Lower Upper
93 100
95 82.9 67.9 101.9
174 102.8 83.4 125.0



#46
t-1,4-Dichloro-2-butene
Concen: 16.362 ug/l
RT: 10.85 min Scan# 2957
Delta R.T. -0.02 min
Lab File: VU036538.D
Acq: 23 Jan 2020 14:04

Tgt Ion: 75 Resp: 43887
Ion Ratio Lower Upper
75 100
53 0.0 52.2 78.2#
89 0.0 39.8 59.6#
88 0.0 27.4 41.2#

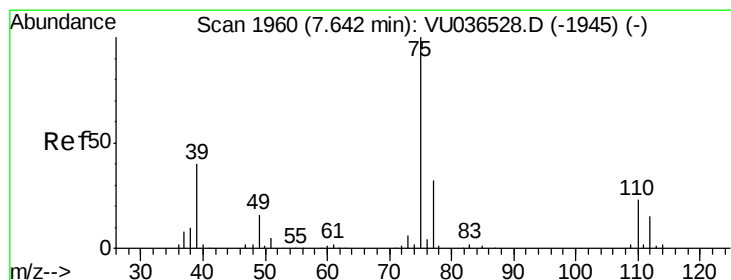
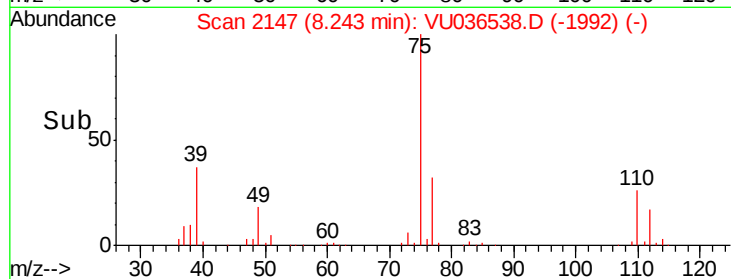
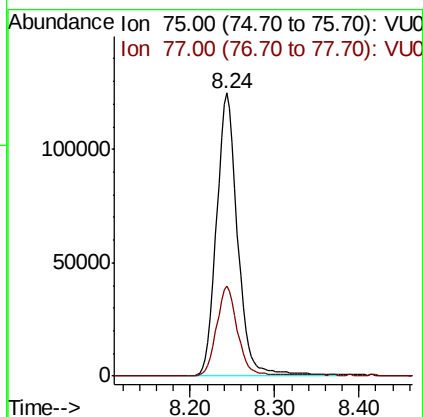
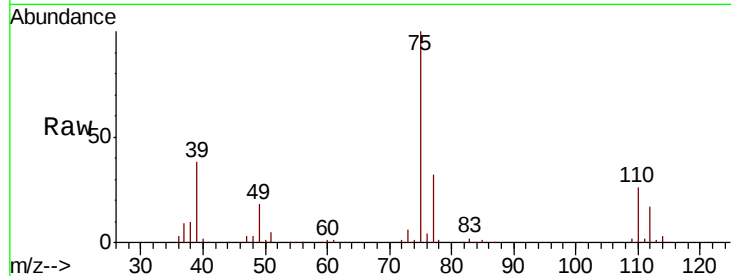




#50
 t-1,3-Dichloropropene
 Concen: 17.168 ug/l
 RT: 8.24 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

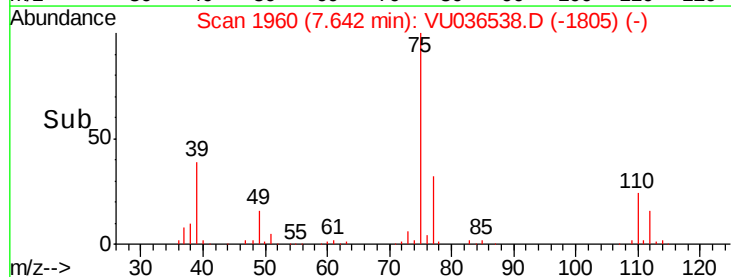
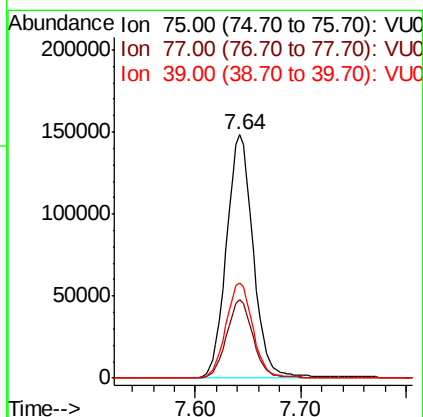
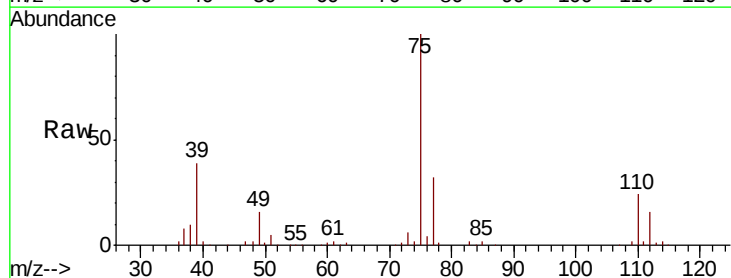
Instrument :
 MSVOA_U
 ClientSampled :

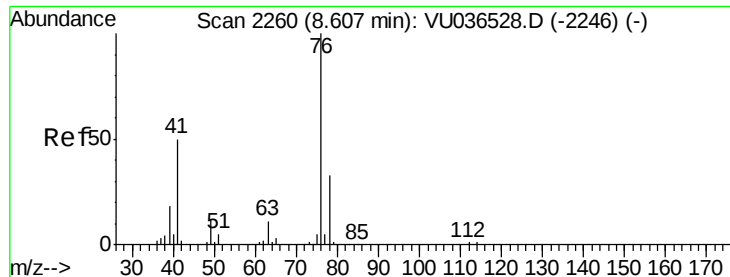
Tot Ion: 75 Resp: 218758
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2



#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

Tgt Ion: 75 Resp: 260326
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.3 37.9
 39 39.2 31.8 47.6

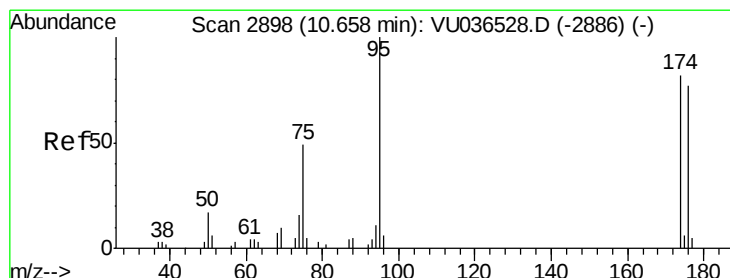
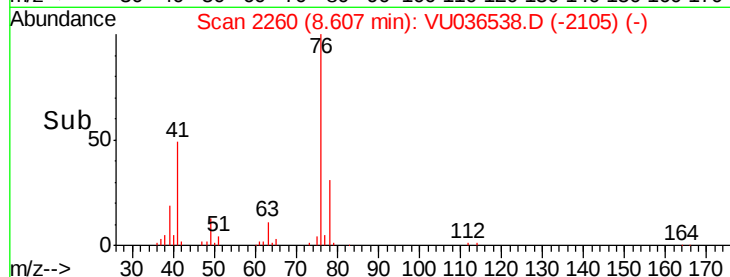
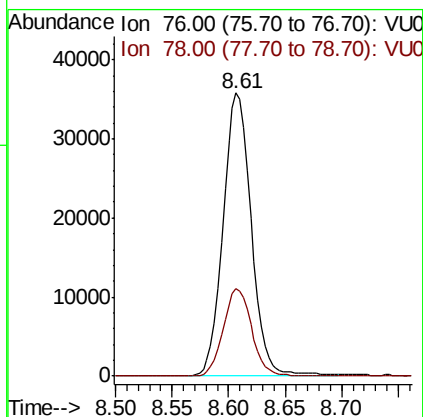
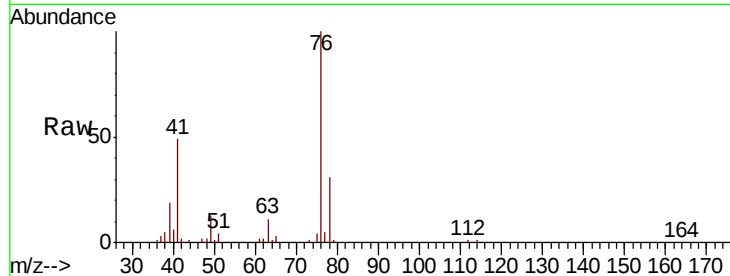




#53
 1,3-Dichloropropane
 Concen: 4.737 ug/l
 RT: 8.61 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

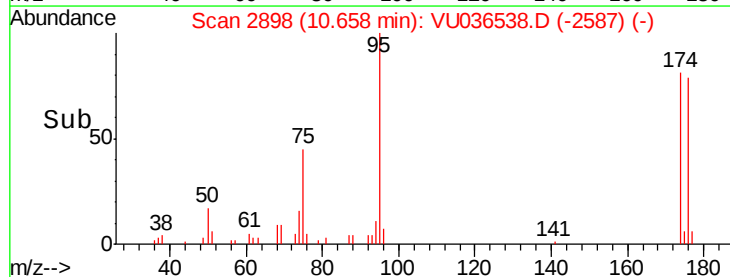
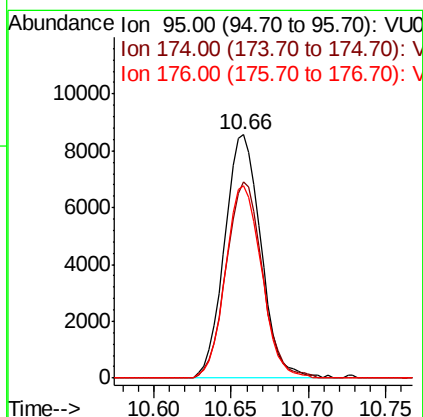
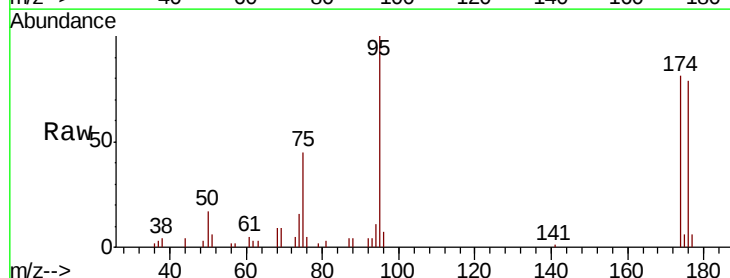
Instrument :
 MSVOA_U
 ClientSampleId :

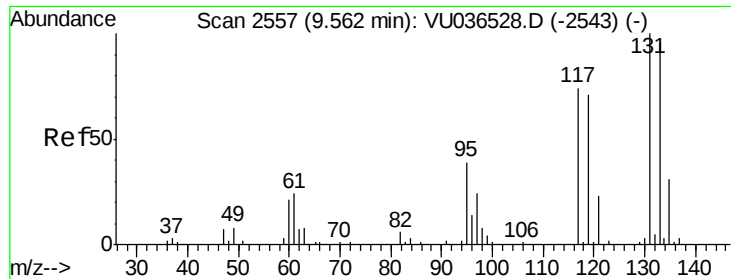
Tot Ion: 76 Resp: 62281
 Ion Ratio Lower Upper
 76 100
 78 31.0 25.4 38.2



#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

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

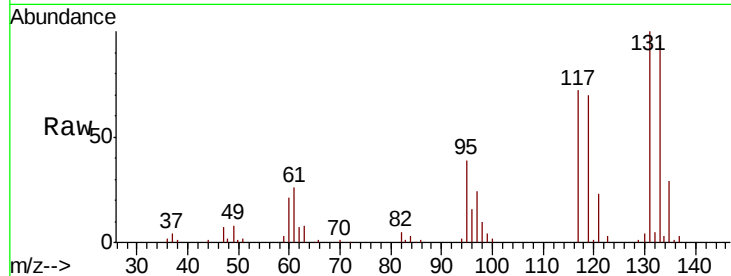




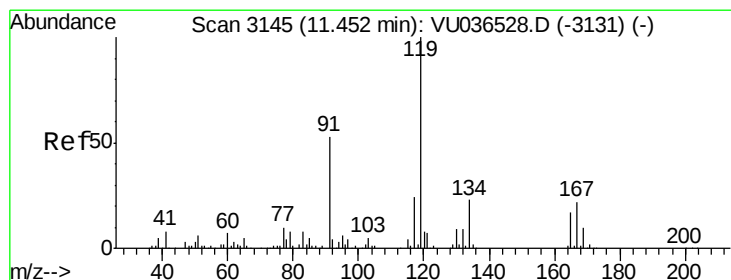
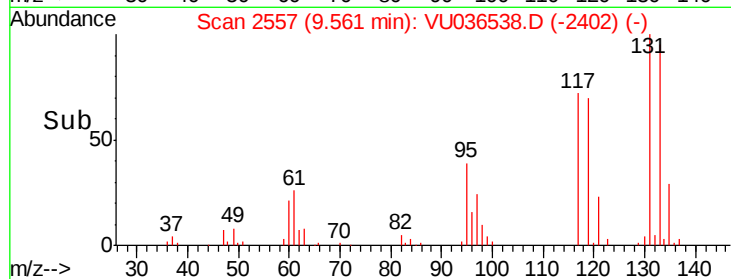
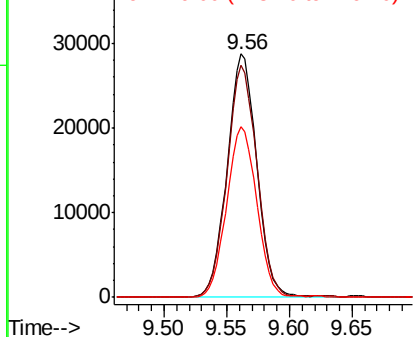
#60
 1,1,1,2-Tetrachloroethane
 Concen: 5.069 ug/l
 RT: 9.56 min Scan# 2557
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

Instrument :
 MSVOA_U
 ClientSampleId :

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

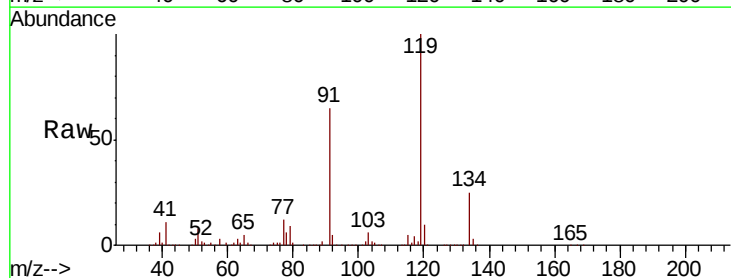


Abundance Ion 131.00 (130.70 to 131.70): V
 Ion 133.00 (132.70 to 133.70): V
 Ion 119.00 (118.70 to 119.70): V

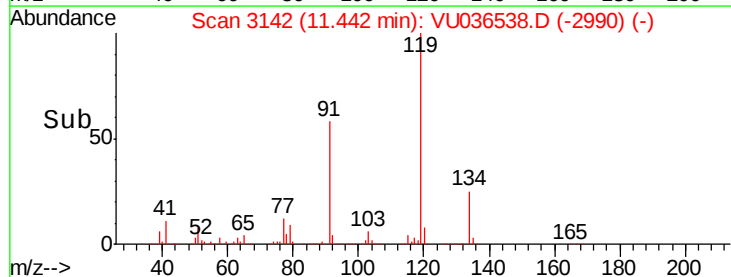
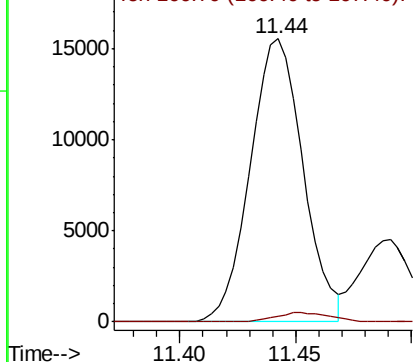


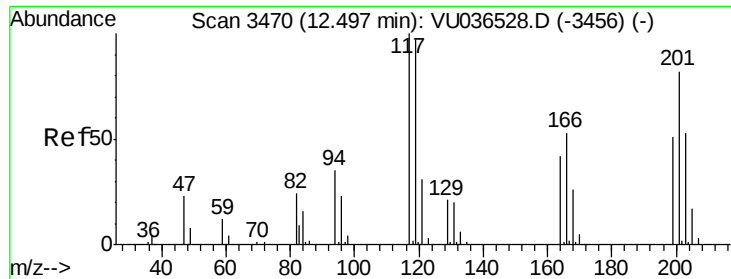
#61
 Pentachloroethane
 Concen: 4.086 ug/l
 RT: 11.44 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

Tgt Ion:117 Resp: 24663
 Ion Ratio Lower Upper
 117 100
 167 3.3 66.7 100.1#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 166.70 (166.40 to 167.40): V

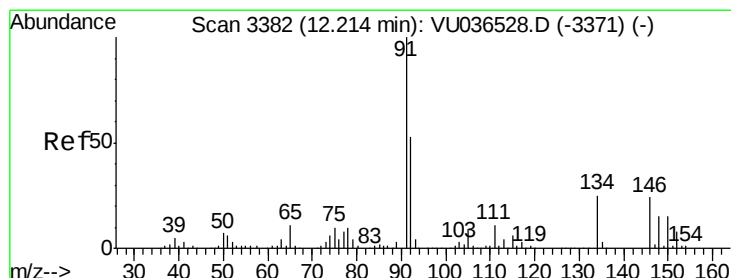
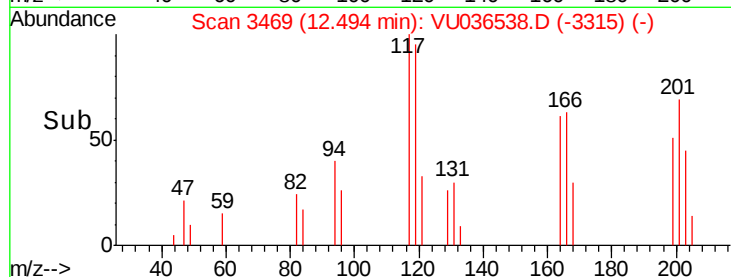
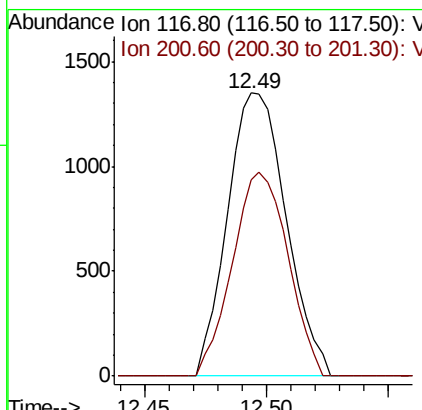
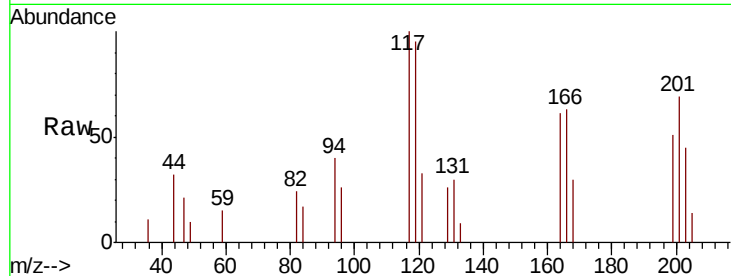




#62
Hexachloroethane
Concen: 0.293 ug/l
RT: 12.49 min Scan# 3469
Delta R.T. -0.00 min
Lab File: VU036538.D
Acq: 23 Jan 2020 14:04

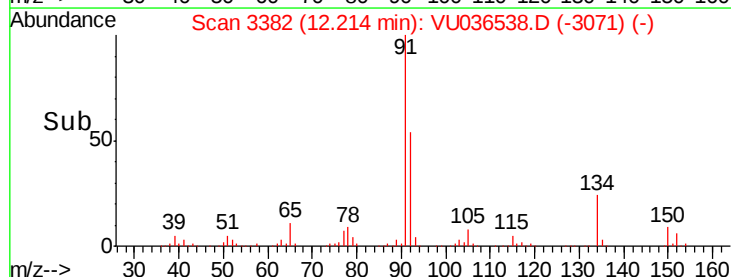
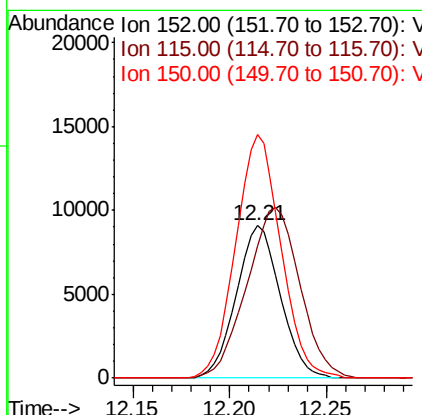
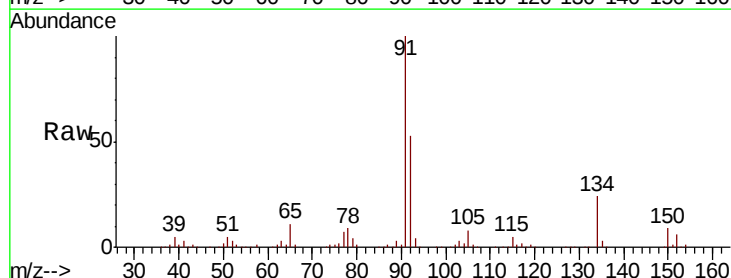
Instrument :
MSVOA_U
ClientSampled :

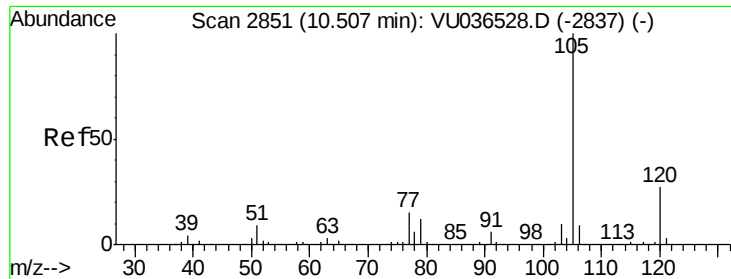
Tot Ion:117 Resp: 2251
Ion Ratio Lower Upper
117 100
201 68.1 65.0 97.4



#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





#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

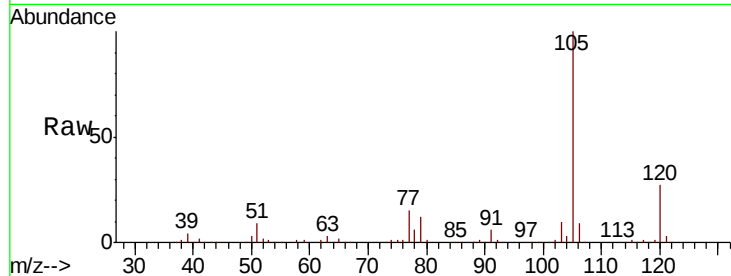
ClientSampled :

Tot Ion:105 Resp: 734657

Ion Ratio Lower Upper

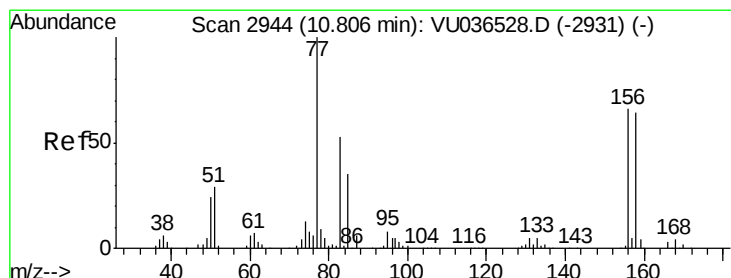
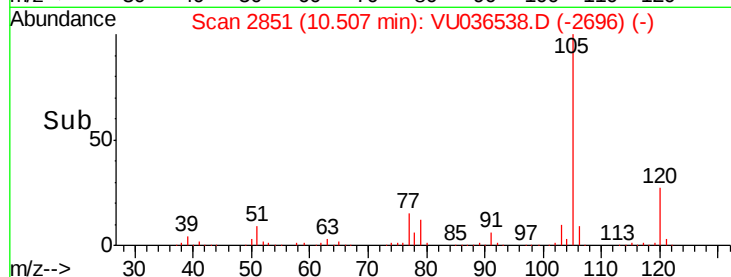
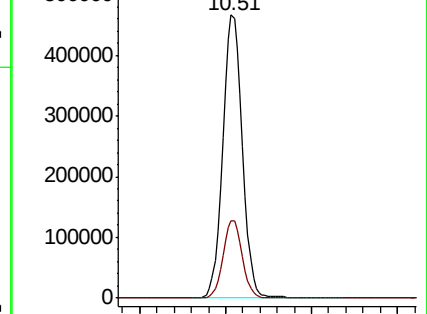
105 100

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



#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

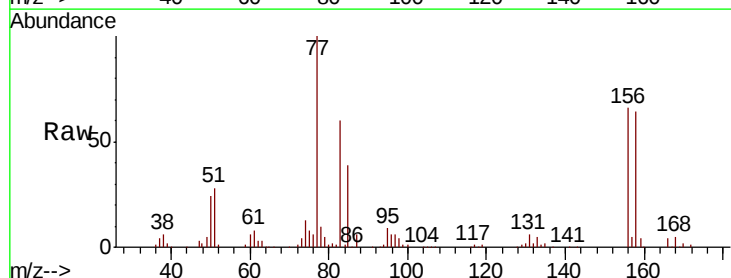
Tgt Ion: 83 Resp: 116899

Ion Ratio Lower Upper

83 100

131 9.9 7.8 11.8

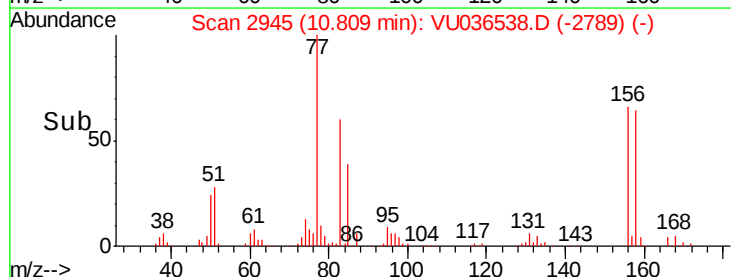
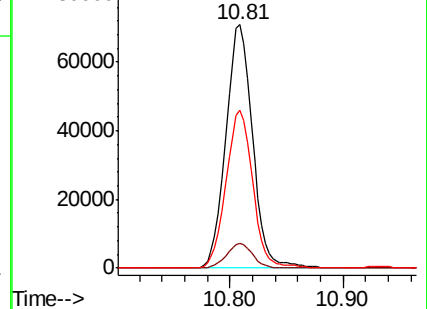
85 64.8 53.2 79.8

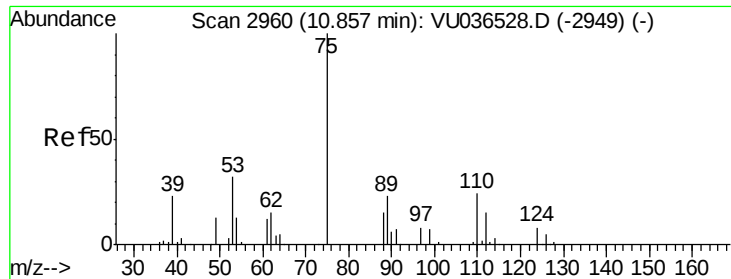


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

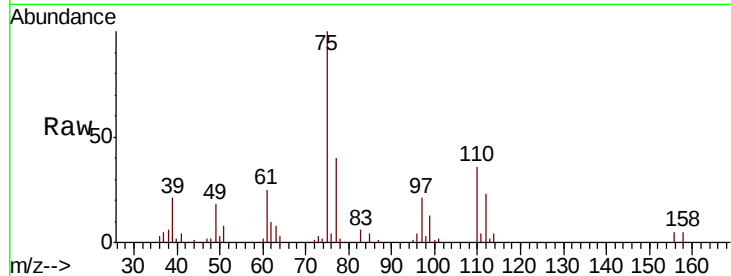




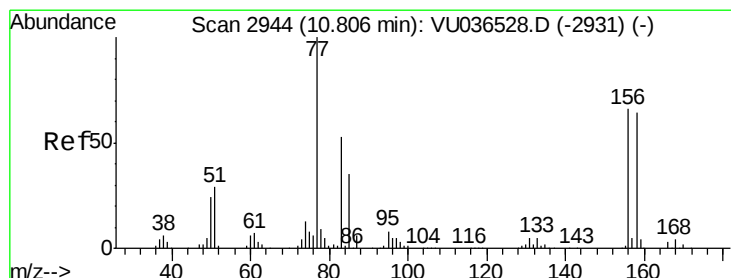
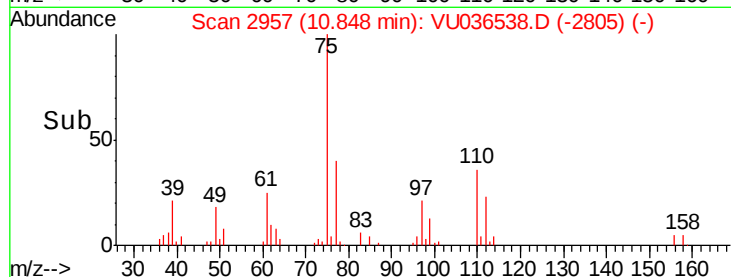
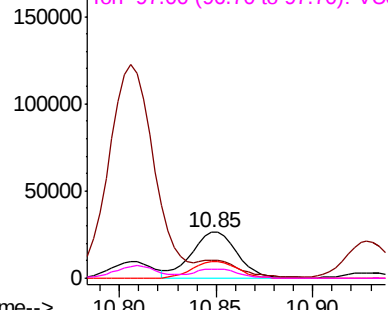
#71
 1,2,3-Trichloropropane
 Concen: 6.356 ug/l
 RT: 10.85 min Scan# 2957
 Delta R.T. -0.01 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

Instrument :
 MSVOA_U
 ClientSampled :

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

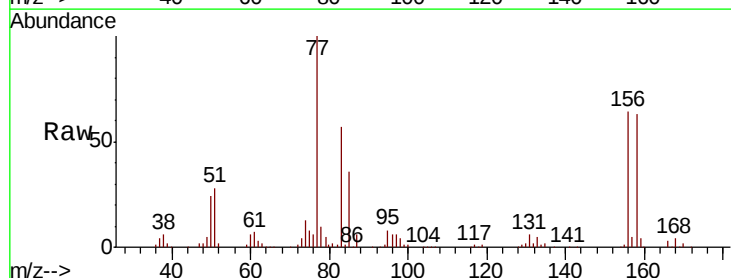


Abundance Ion 75.00 (74.70 to 75.70): VU036528.D (-2949) (-)
 Ion 77.00 (76.70 to 77.70): VU036528.D (-2949) (-)
 Ion 110.00 (109.70 to 110.70): VU036528.D (-2949) (-)
 Ion 97.00 (96.70 to 97.70): VU036528.D (-2949) (-)

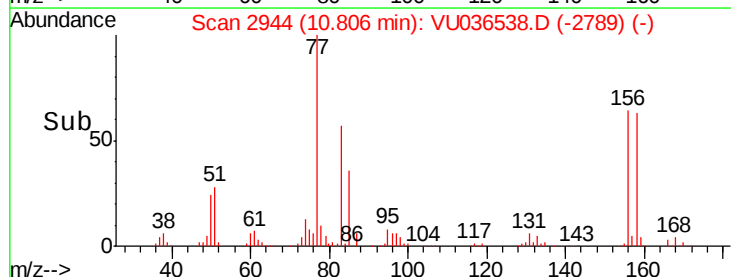
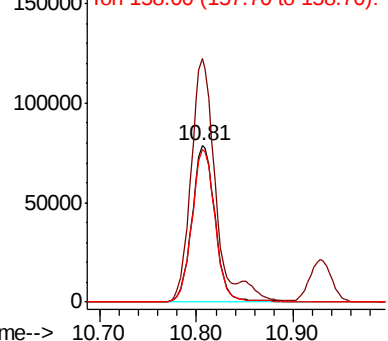


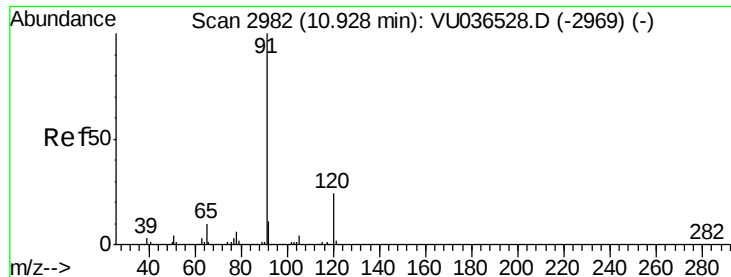
#72
 Bromobenzene
 Concen: 10.979 ug/l
 RT: 10.81 min Scan# 2944
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

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



Abundance Ion 156.00 (155.70 to 156.70): VU036528.D (-2931) (-)
 Ion 77.00 (76.70 to 77.70): VU036528.D (-2931) (-)
 Ion 158.00 (157.70 to 158.70): VU036528.D (-2931) (-)





#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

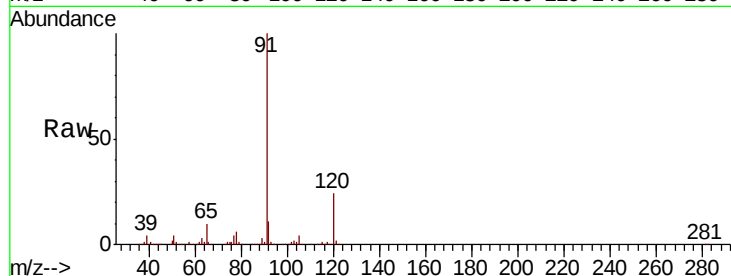
ClientSampled :

Tot Ion:120 Resp: 209159

Ion Ratio Lower Upper

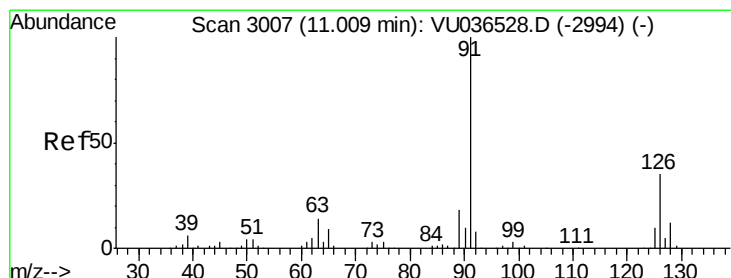
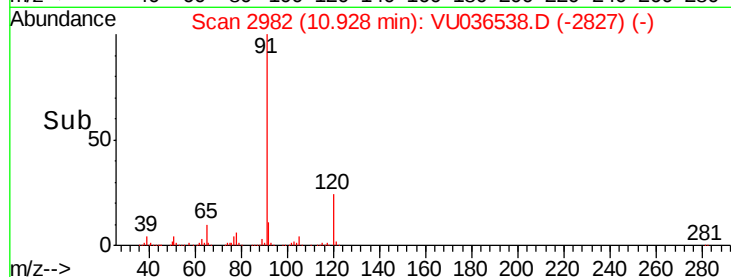
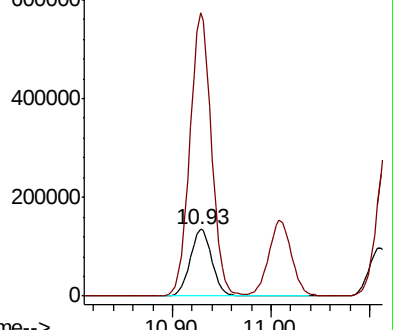
120 100

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

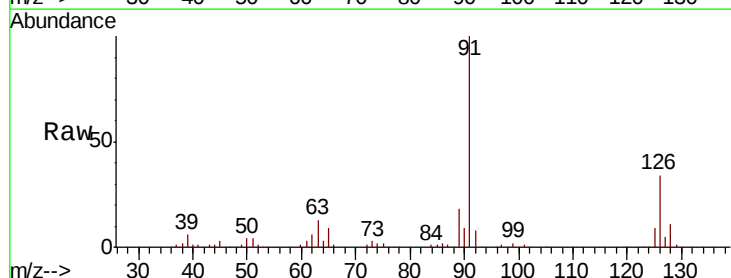
Acq: 23 Jan 2020 14:04

Tgt Ion:126 Resp: 85347

Ion Ratio Lower Upper

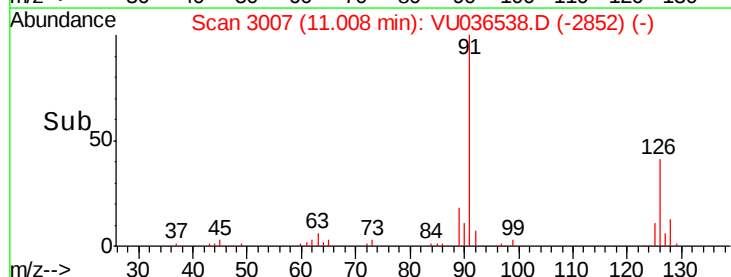
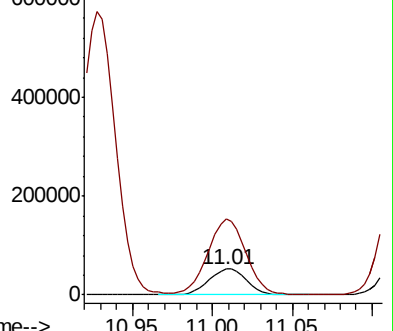
126 100

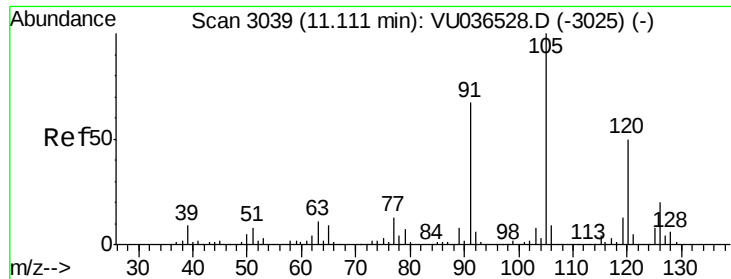
91 287.9 0.0 567.4



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

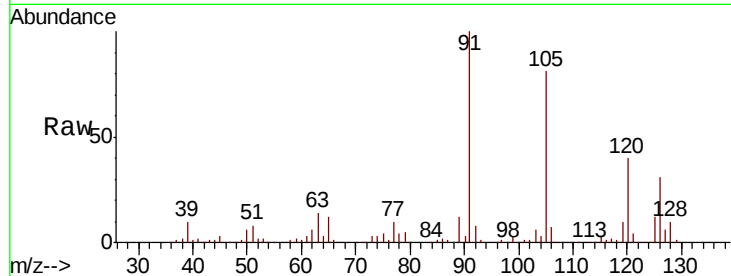
ClientSampleId :

Tot Ion:105 Resp: 303593

Ion Ratio Lower Upper

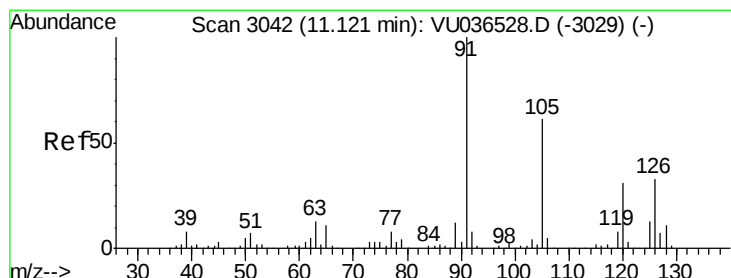
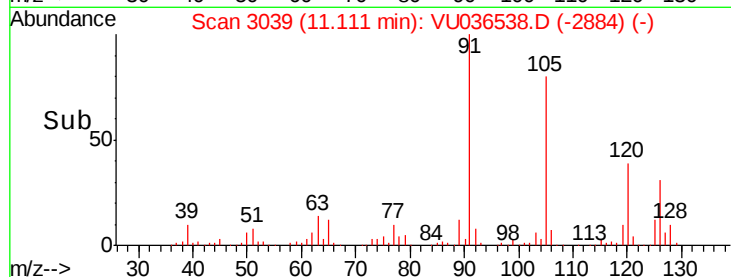
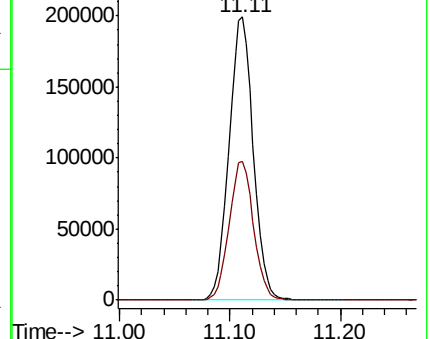
105 100

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

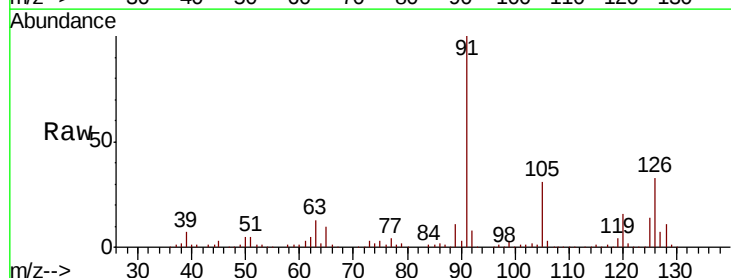
Acq: 23 Jan 2020 14:04

Tgt Ion:126 Resp: 188832

Ion Ratio Lower Upper

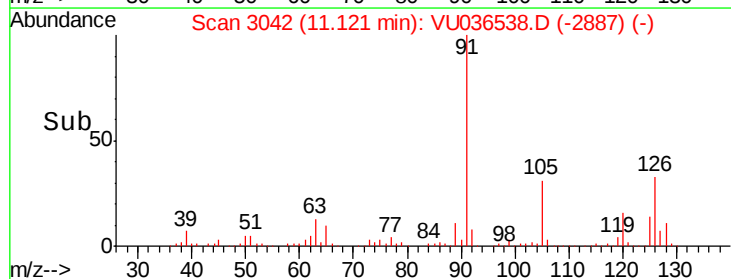
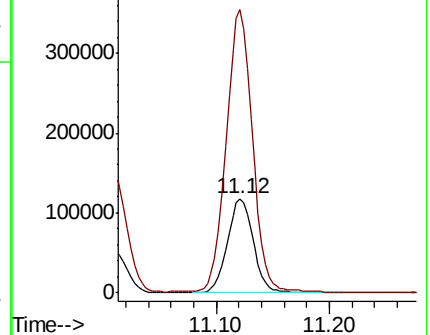
126 100

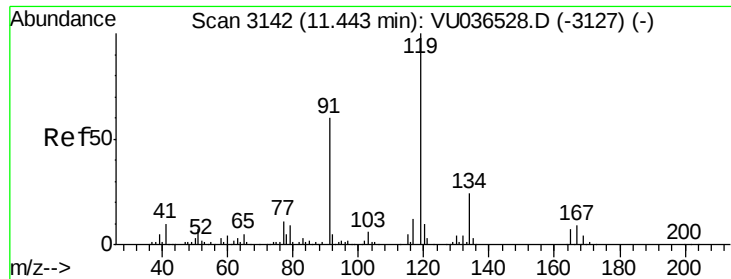
91 305.1 0.0 633.0



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

ClientSampled :

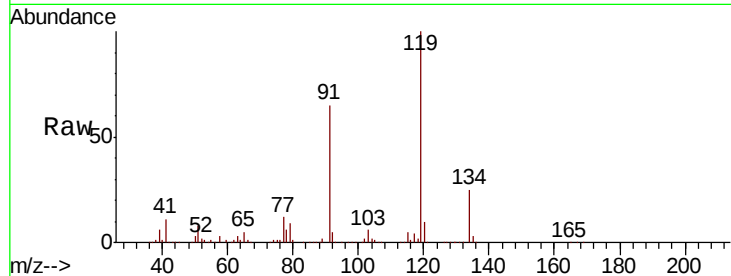
Tot Ion:119 Resp: 691015

Ion Ratio Lower Upper

119 100

91 65.2 29.3 87.8

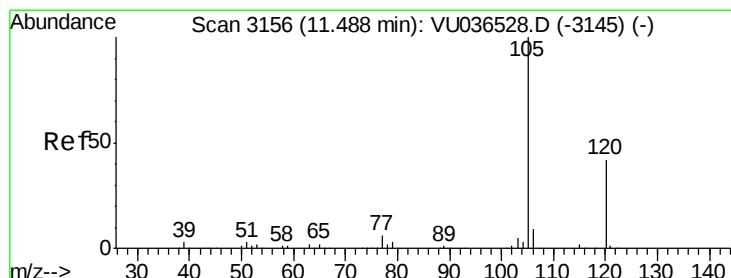
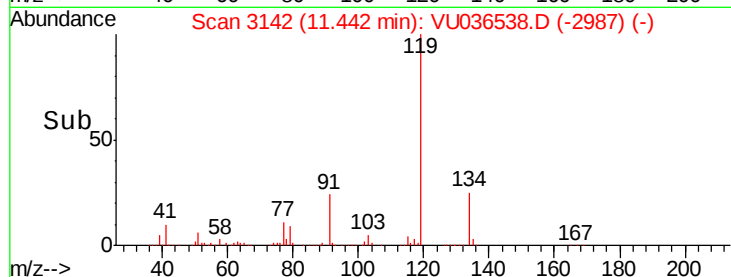
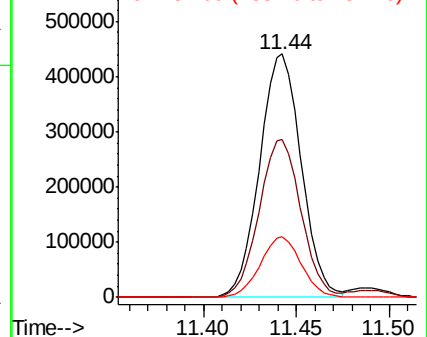
134 24.4 19.0 28.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#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

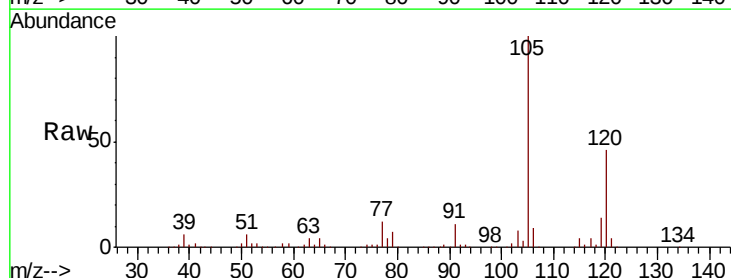
Acq: 23 Jan 2020 14:04

Tgt Ion:105 Resp: 193864

Ion Ratio Lower Upper

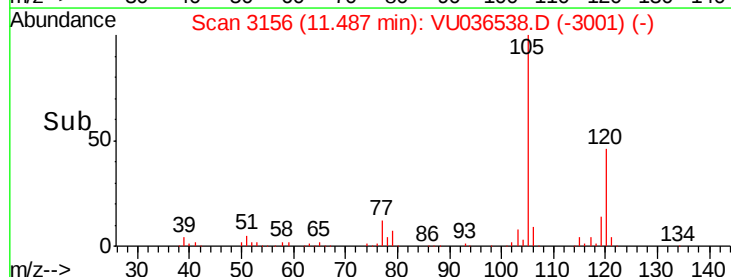
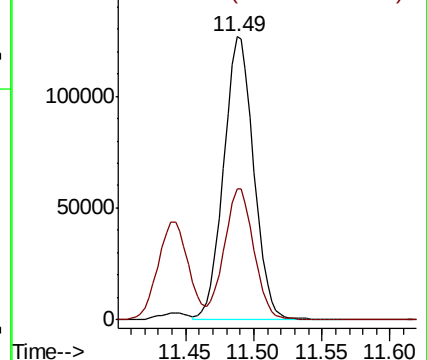
105 100

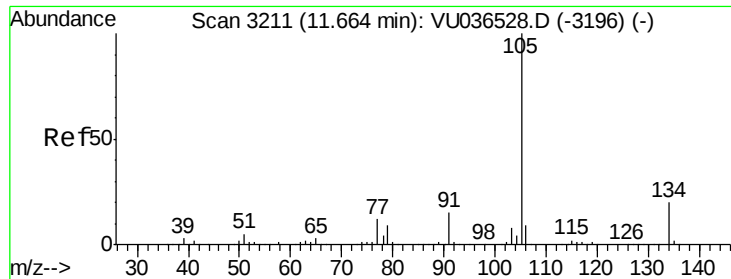
120 45.8 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

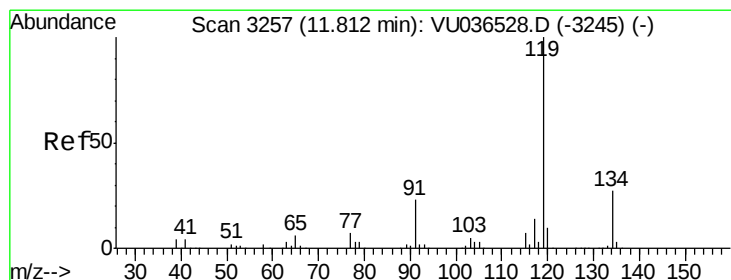
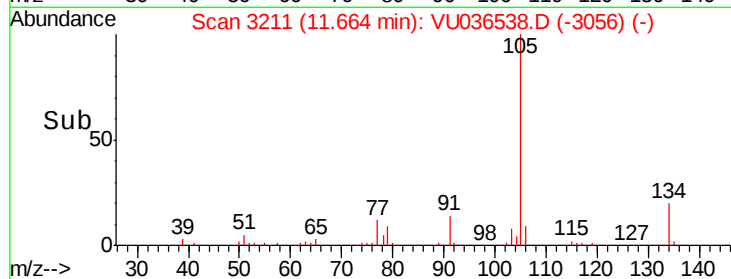
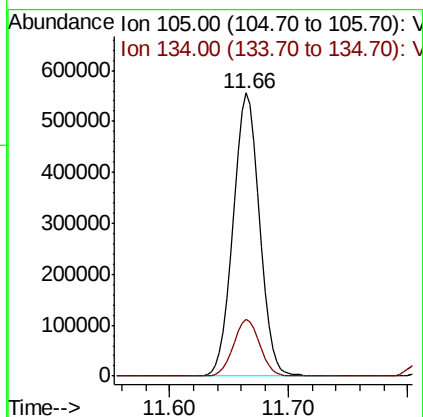
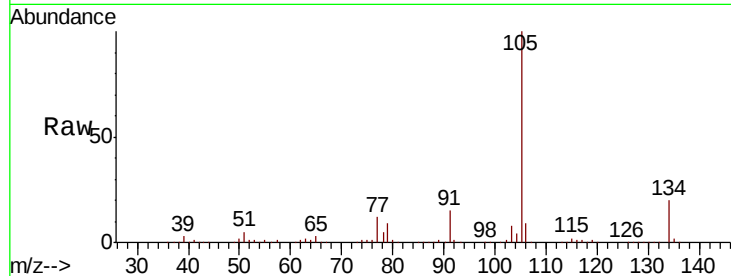




#79
 sec-Butylbenzene
 Concen: 15.298 ug/l
 RT: 11.66 min Scan# 3211
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

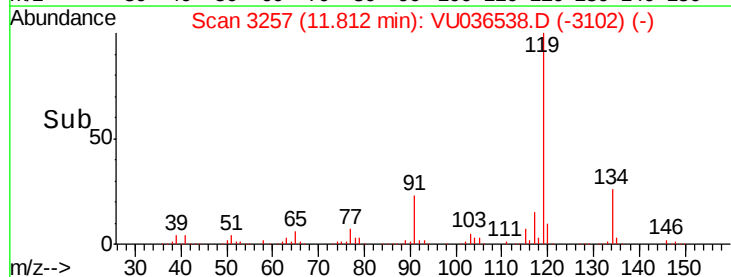
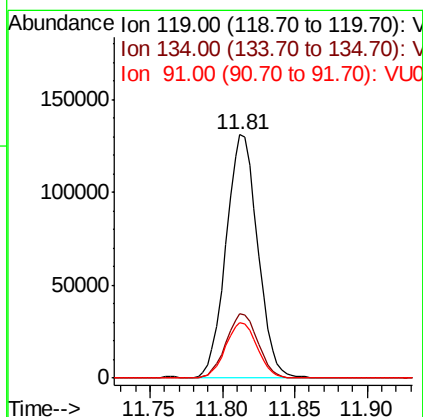
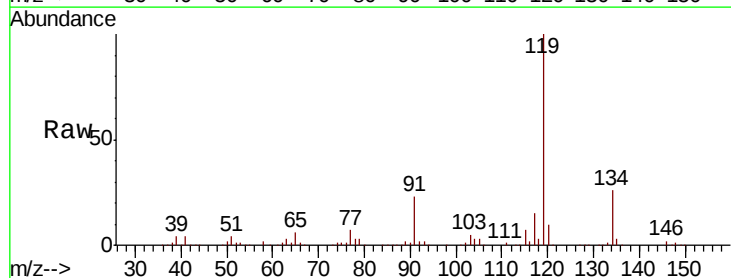
Instrument :
 MSVOA_U
 ClientSampleId :

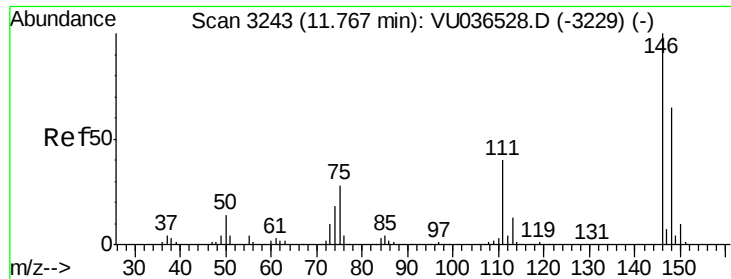
Tot Ion:105 Resp: 852566
 Ion Ratio Lower Upper
 105 100
 134 20.1 16.0 24.0



#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

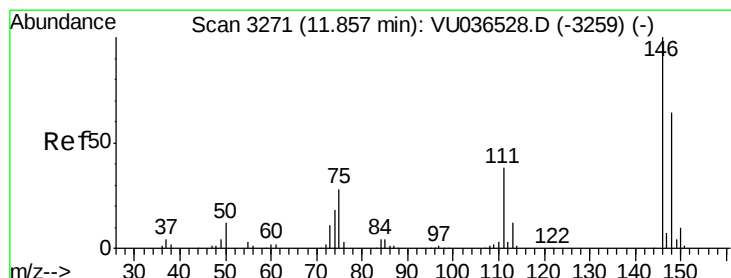
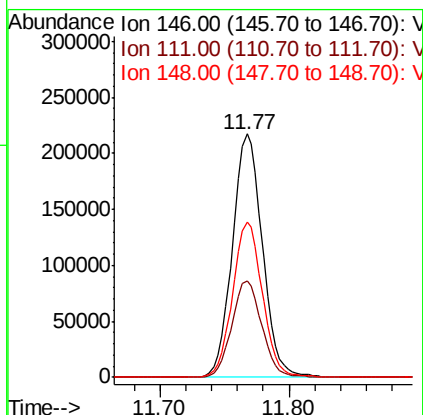
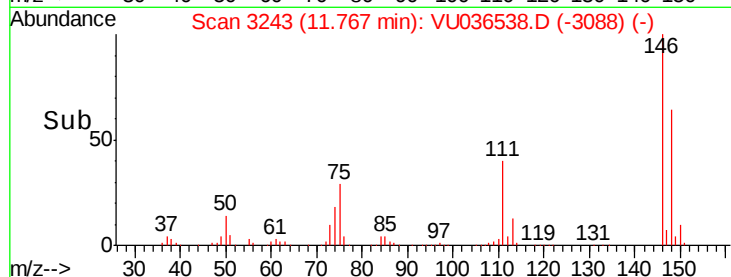
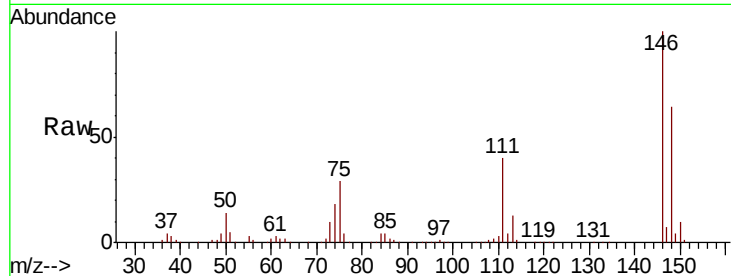




#82
 1,3-Dichlorobenzene
 Concen: 14.721 ug/l
 RT: 11.77 min Scan# 3243
 Delta R.T. -0.00 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

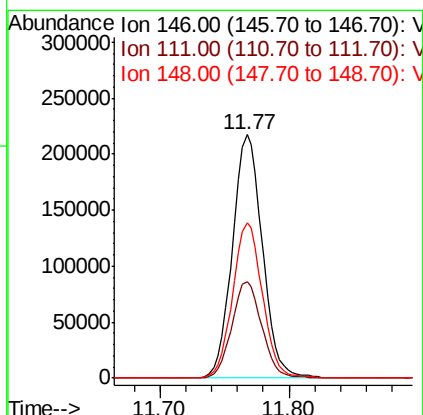
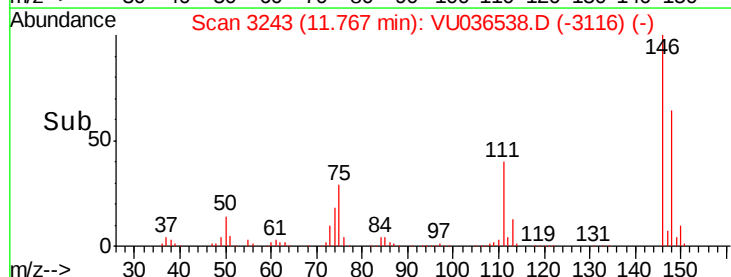
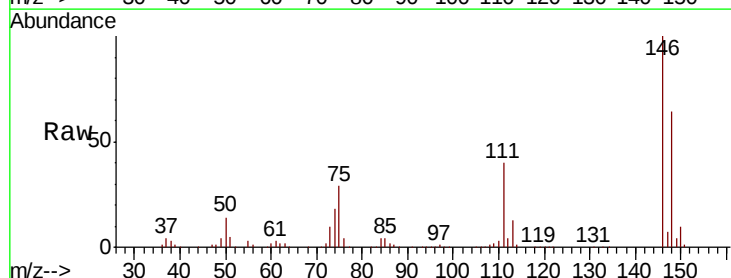
Instrument :
 MSVOA_U
 ClientSampled :

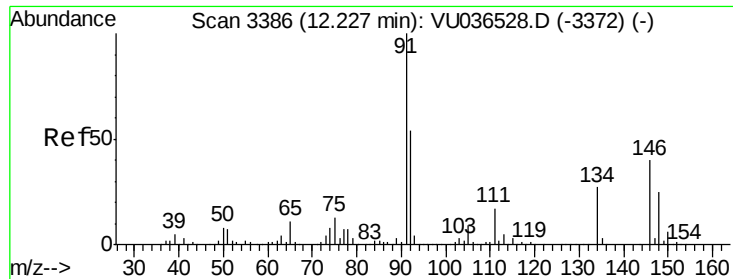
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	32.2	48.2
148	63.4	51.4	77.2



#83
 1,4-Dichlorobenzene
 Concen: 14.728 ug/l
 RT: 11.77 min Scan# 3243
 Delta R.T. -0.09 min
 Lab File: VU036538.D
 Acq: 23 Jan 2020 14:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	30.5	45.7
148	63.4	51.0	76.4

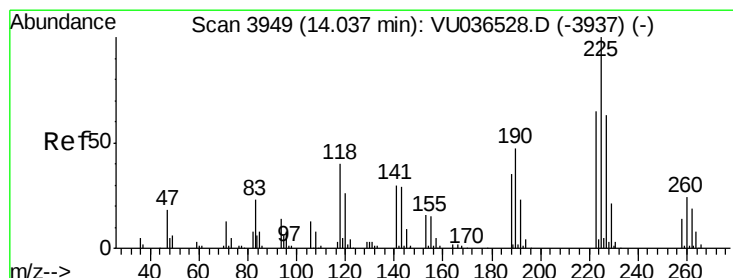
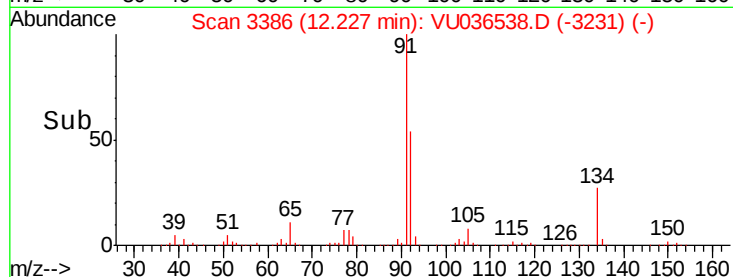
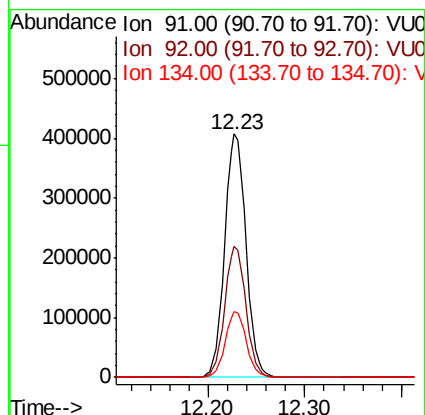
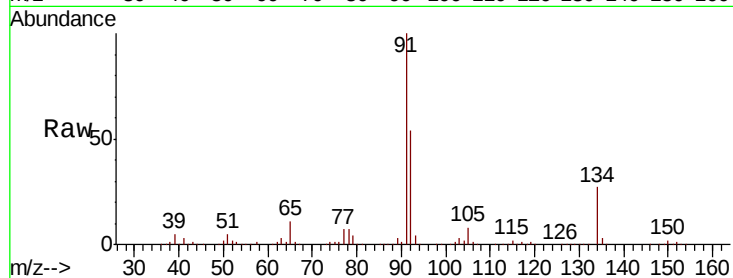




#84
n-Butylbenzene
Concen: 14.405 ug/l
RT: 12.23 min Scan# 3386
Delta R.T. -0.00 min
Lab File: VU036538.D
Acq: 23 Jan 2020 14:04

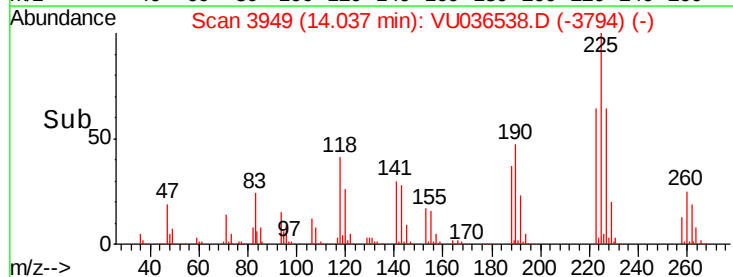
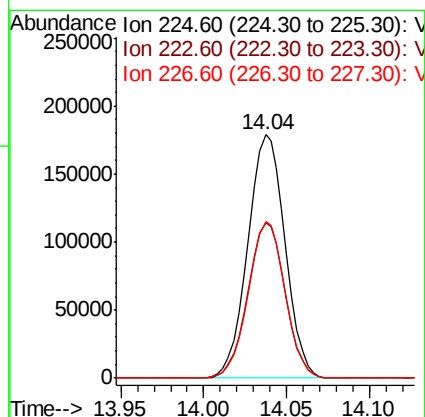
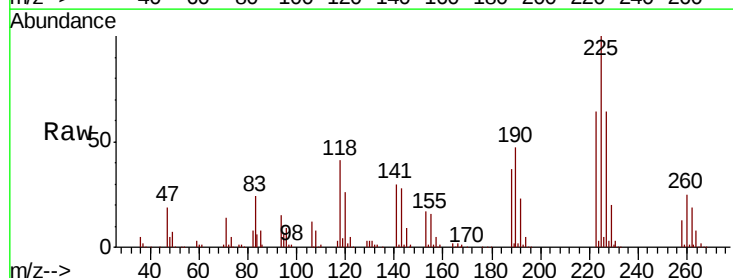
Instrument :
MSVOA_U
ClientSampled :

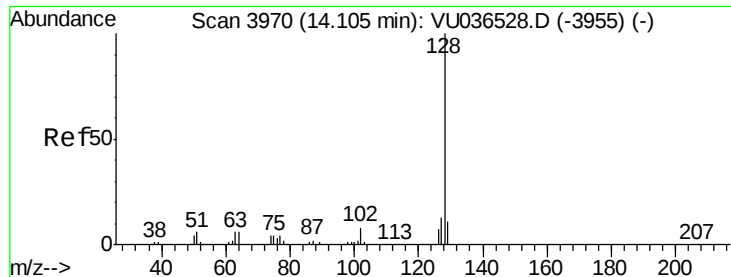
Tot Ion: 91 Resp: 620554
Ion Ratio Lower Upper
91 100
92 53.4 42.9 64.3
134 26.6 21.4 32.0



#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

Tgt Ion: 225 Resp: 279333
Ion Ratio Lower Upper
225 100
223 63.8 51.7 77.5
227 63.5 50.6 75.8





#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

Instrument :

MSVOA_U

ClientSampleId :

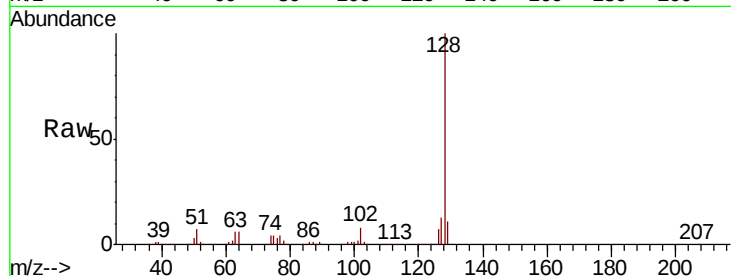
Tot Ion:128 Resp: 776604

Ion Ratio Lower Upper

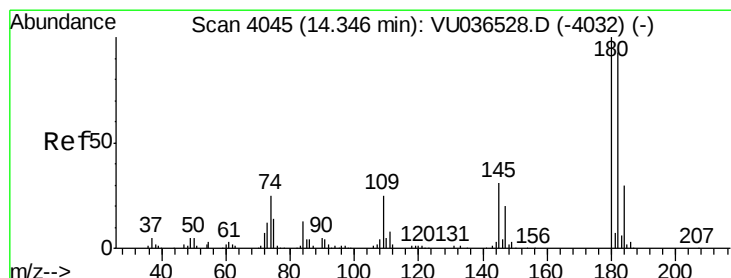
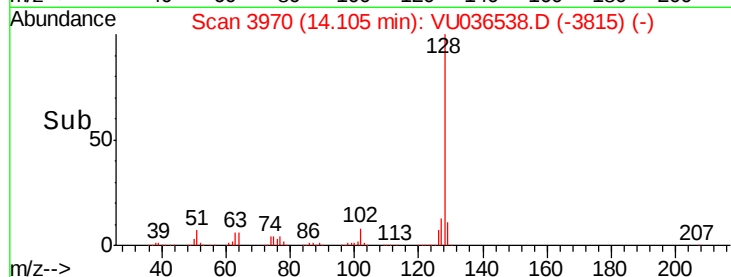
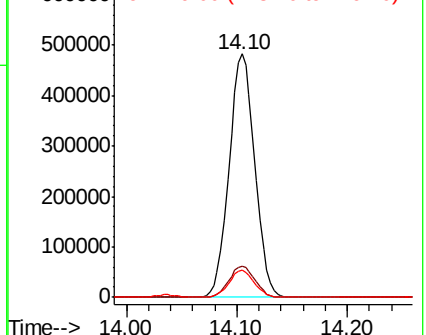
128 100

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

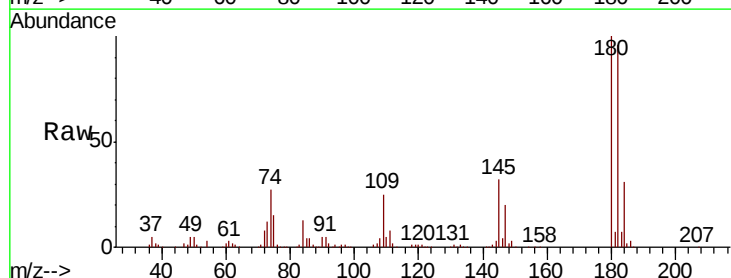
Tgt Ion:180 Resp: 347104

Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.4

145 31.5 25.2 37.8



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

