

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013205.D
 Acq On : 21 Sep 2019 01:46
 Operator : SY/VA
 Sample : K4918-12
 Misc : 5.40G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 21 04:57:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-7.95
34) 1,4-Difluorobenzene	8.85	114	22	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.71	117	41	50.00	ug/l	0.08
72) 1,4-Dichlorobenzene-d4	13.58	152	283	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.37	65	23	0.00	ug/l	0.07
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	12.61	95	773	4468.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8937.36%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.26	83	19	69.384	ug/l #	18
40) Benzene	8.38	78	369	620.837	ug/l #	51
41) Methacrylonitrile	7.51	41	33	610.545	ug/l #	24
43) Isopropyl Acetate	8.68	43	31	178.603	ug/l #	50
46) Dibromomethane	9.43	93	20	283.892	ug/l #	1
47) Bromodichloromethane	9.54	83	22	122.726	ug/l #	26
48) Methyl methacrylate	9.41	41	227	2781.305	ug/l #	13
51) 4-Methyl-2-Pentanone	10.21	43	116	1333.118	ug/l #	36
54) cis-1,3-Dichloropropene	10.12	75	45	200.955	ug/l #	45
55) 1,1,2-Trichloroethane	10.76	97	20	189.934	ug/l #	16
56) Ethyl methacrylate	10.64	69	208	1509.342	ug/l #	6
59) 2-Hexanone	10.97	43	138	2305.170	ug/l #	23
60) Dibromochloromethane	11.36	129	19	158.908	ug/l #	11
61) 1,2-Dibromoethane	11.18	107	245	2447.114	ug/l	95
64) Tetrachloroethene	10.87	164	258	829.365	ug/l #	1
67) Ethyl Benzene	11.74	91	278	179.208	ug/l #	44
68) m/p-Xylenes	11.85	106	96	162.400	ug/l #	1
69) o-Xylene	12.04	106	154	280.209	ug/l	34
70) Styrene	12.22	104	26	27.556	ug/l #	1
71) Bromoform	12.39	173	20	129.429	ug/l #	1
73) Isopropylbenzene	12.37	105	304	14.542	ug/l	91
74) N-amyl acetate	12.26	43	160	34.491	ug/l #	12
75) 1,1,2,2-Tetrachloroethane	12.69	83	399	114.121	ug/l #	43
77) Bromobenzene	12.90	156	52	10.497	ug/l #	1
78) n-propylbenzene	12.80	91	209	8.541	ug/l #	11
79) 2-Chlorotoluene	12.88	91	157	11.452	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.13	105	236	13.430	ug/l	90
82) 4-Chlorotoluene	12.98	91	388	26.838	ug/l #	40
83) tert-Butylbenzene	13.16	119	534	34.621	ug/l	90
84) 1,2,4-Trimethylbenzene	13.13	105	236	13.496	ug/l	85
85) sec-Butylbenzene	13.28	105	360	16.929	ug/l	78
86) p-Isopropyltoluene	13.47	119	363	18.404	ug/l #	1
87) 1,3-Dichlorobenzene	13.41	146	88	9.230	ug/l #	1
88) 1,4-Dichlorobenzene	13.71	146	31	3.315	ug/l #	1

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 Response via : Initial Calibration

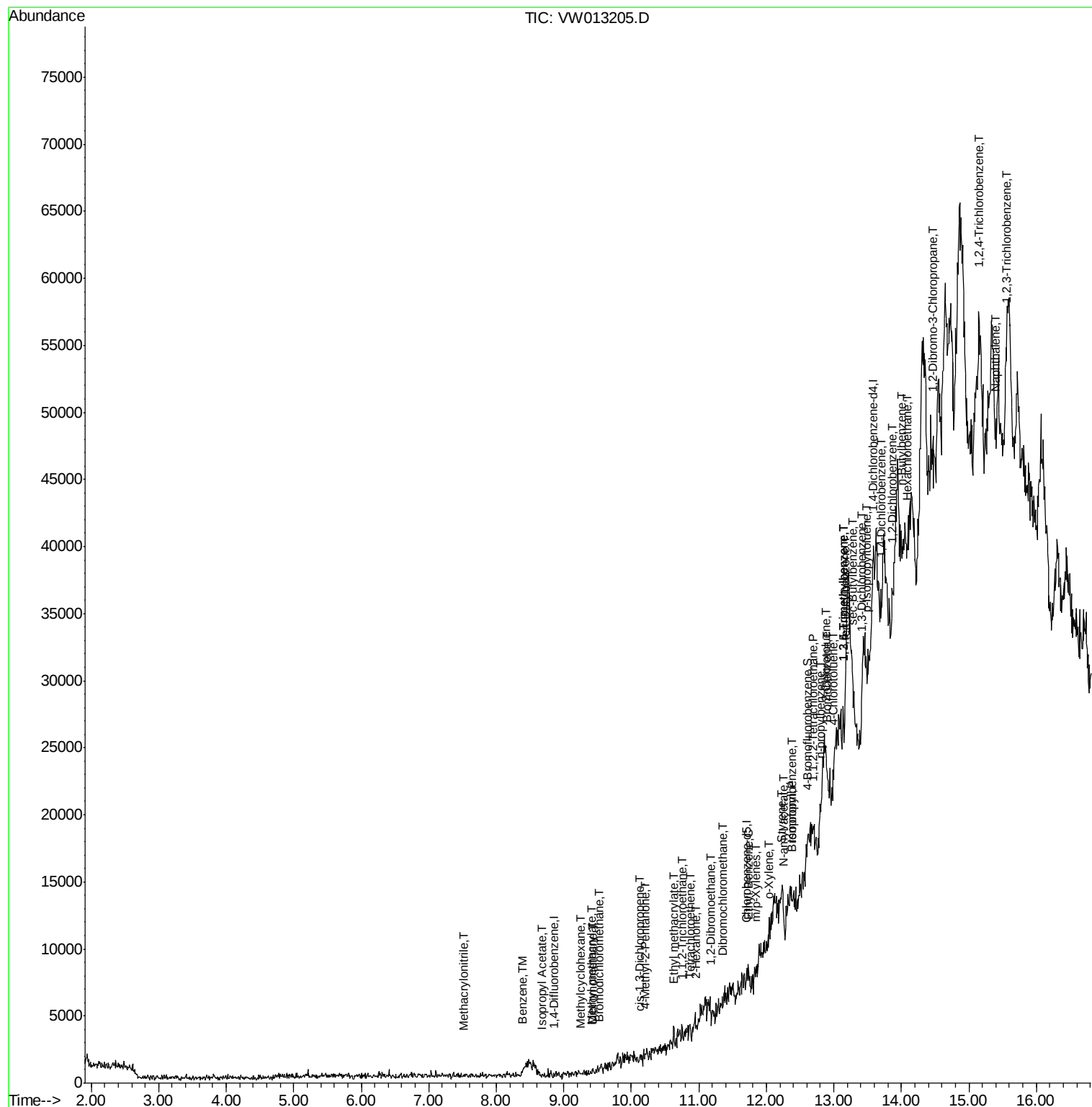
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	14.00	91	383	21.266	ug/l	86
90) Hexachloroethane	14.09	117	182	54.929	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	21	2.546	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.47	75	45	84.148	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.15	180	51	8.629	ug/l #	1
95) Naphthalene	15.39	128	124	12.827	ug/l #	45
96) 1,2,3-Trichlorobenzene	15.56	180	19	3.720	ug/l #	12

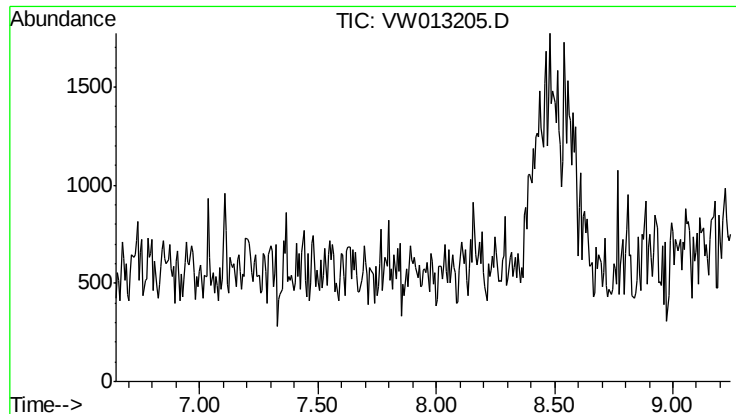
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092019\
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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 7.95 min

Lab File: VW013205.D

Acq: 21 Sep 2019 01:46

Tot Ion: 168

Sig Exp Ratio

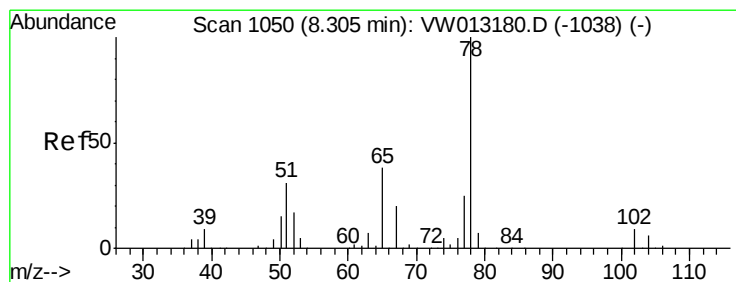
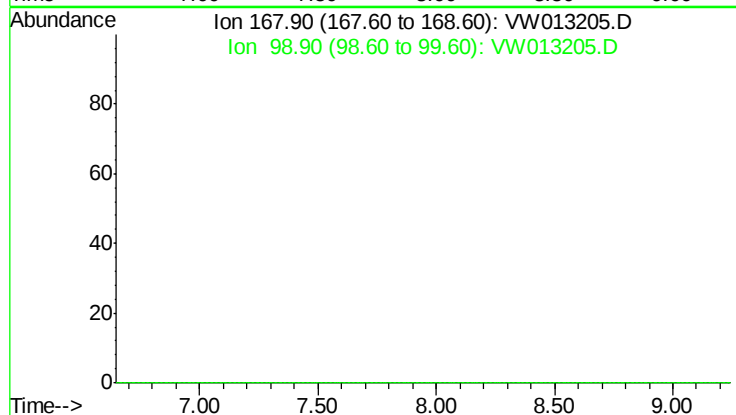
168 100

99 50.3

Instrument :

MSVOA_W

ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

RT: 8.37 min Scan# 1061

Delta R.T. 0.07 min

Lab File: VW013205.D

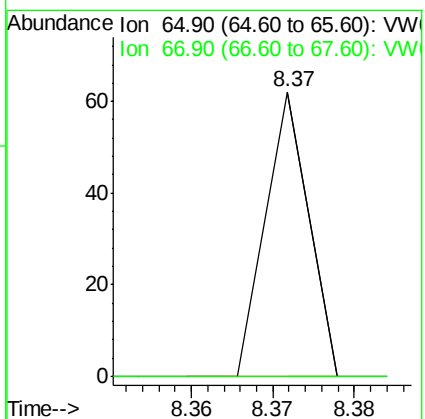
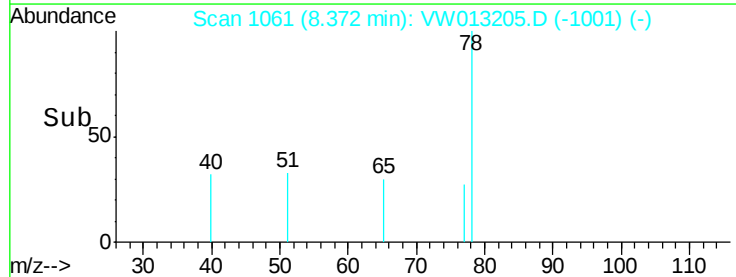
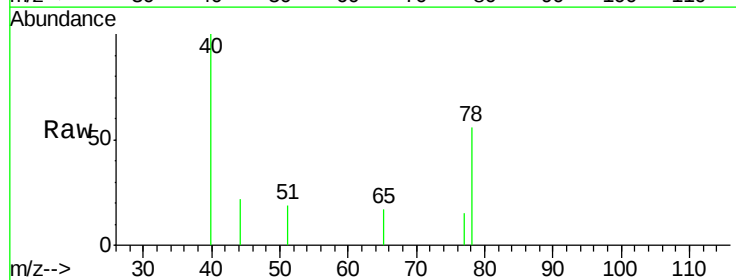
Acq: 21 Sep 2019 01:46

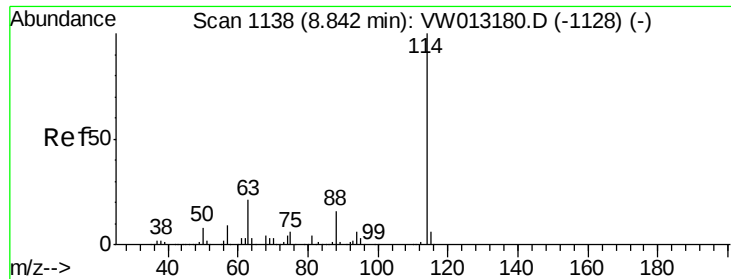
Tgt Ion: 65 Resp: 23

Ion Ratio Lower Upper

65 100

67 0.0 0.0 106.2

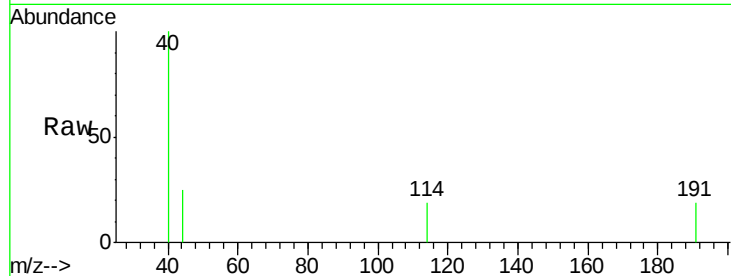




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW013205.D
 Acq: 21 Sep 2019 01:46

Instrument :
 MSVOA_W
 ClientSampleId :

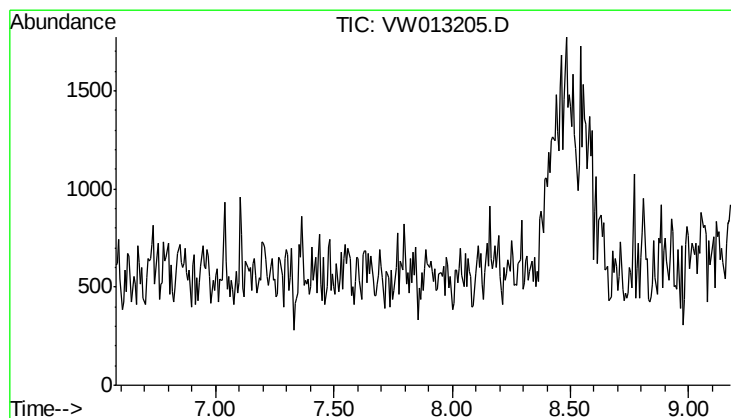
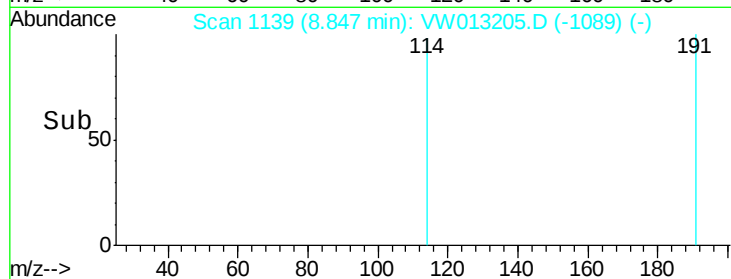
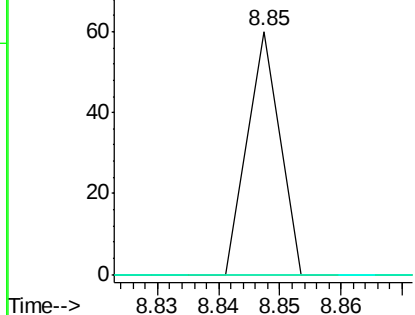
Tot Ion	Ion	Ratio	Lower	Upper
114	100			
63	0.0	0.0	41.4	
88	0.0	0.0	32.0	



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

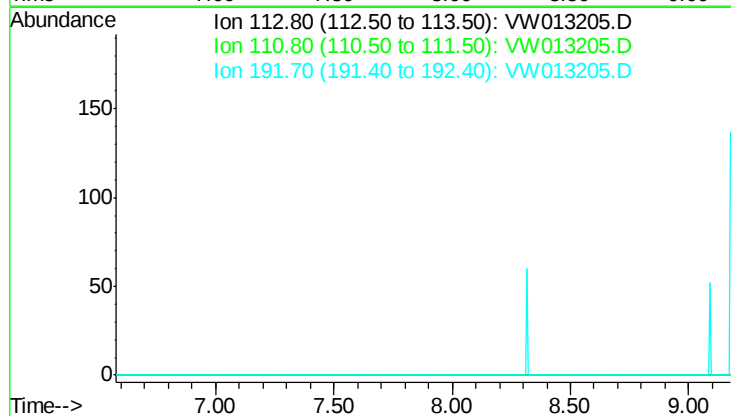
Ion 87.90 (87.60 to 88.60): VW

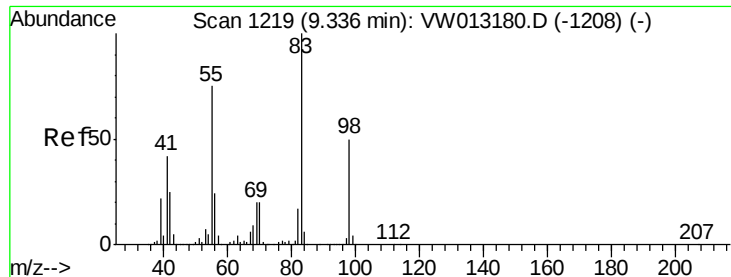


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.88 min

Lab File: VW013205.D
 Acq: 21 Sep 2019 01:46

Tgt Ion	Sig	Exp Ratio
113	100	
111	102.4	
192	23.9	

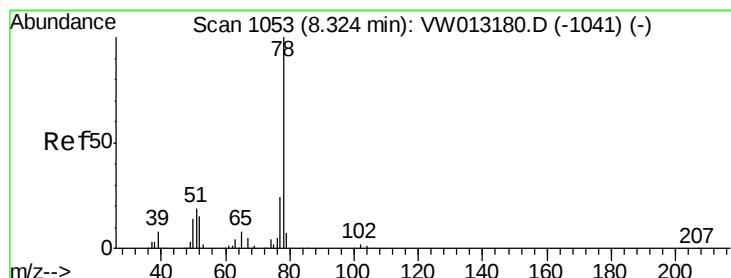
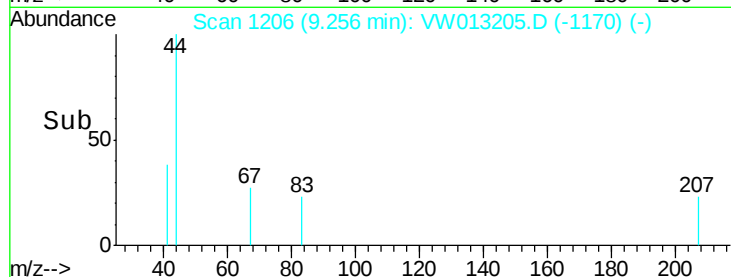
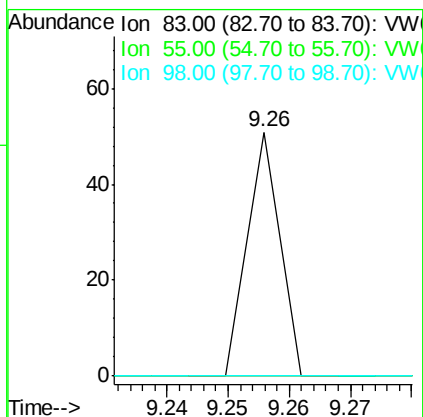
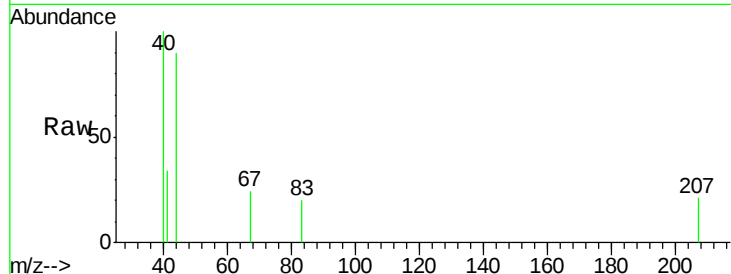




#39
Methvlcvclohexane
Concen: 69.384 ug/l
RT: 9.26 min Scan# 1206
Delta R.T. -0.08 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

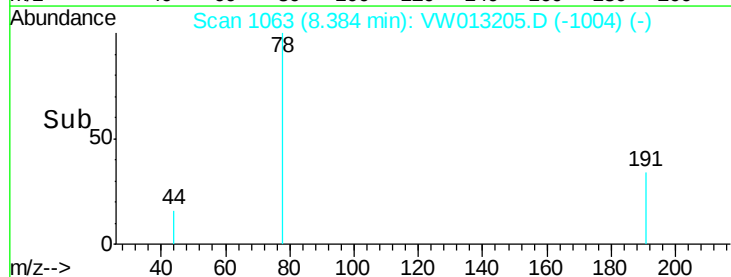
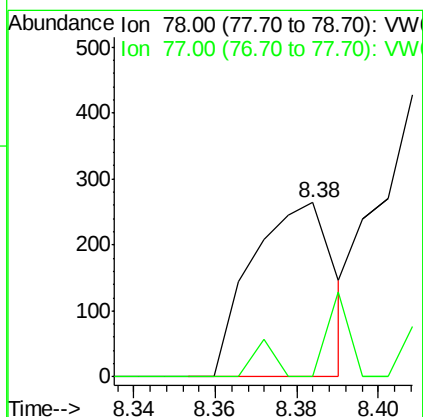
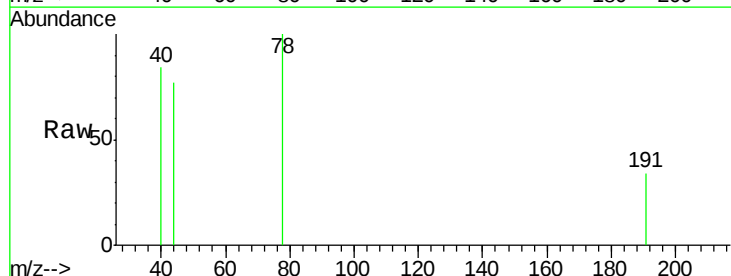
Instrument :
MSVOA_W
ClientSampleId :

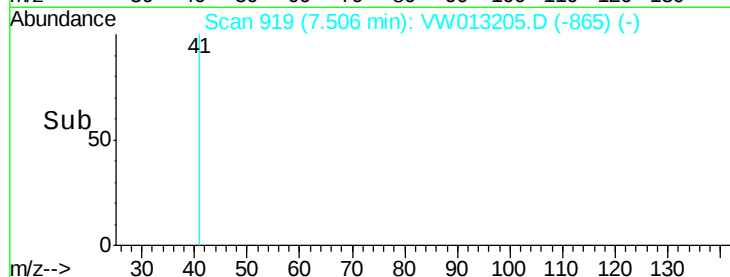
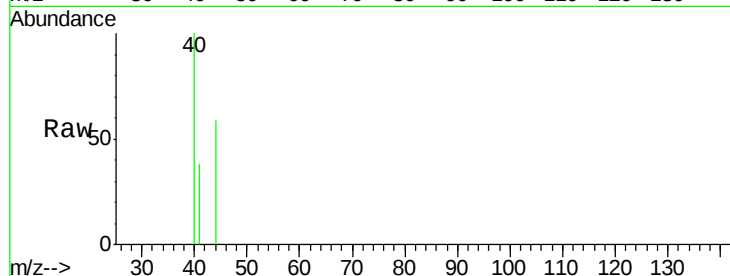
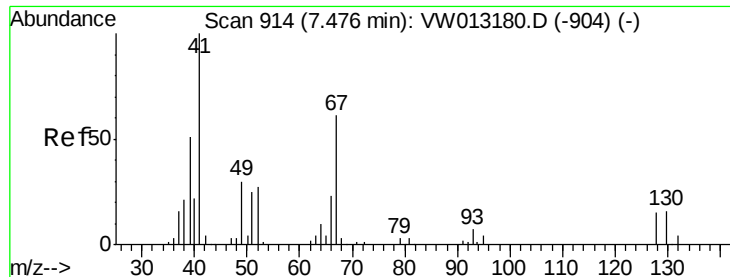
Tot Ion: 83 Resp: 19
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 0.0 40.0 60.0#



#40
Benzene
Concen: 620.837 ug/l
RT: 8.38 min Scan# 1063
Delta R.T. 0.06 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

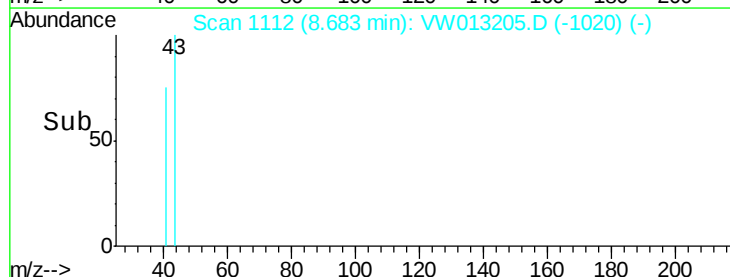
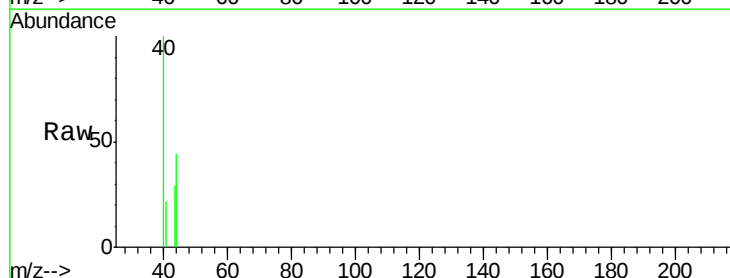
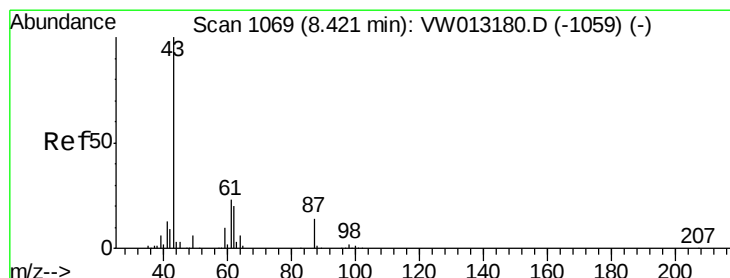
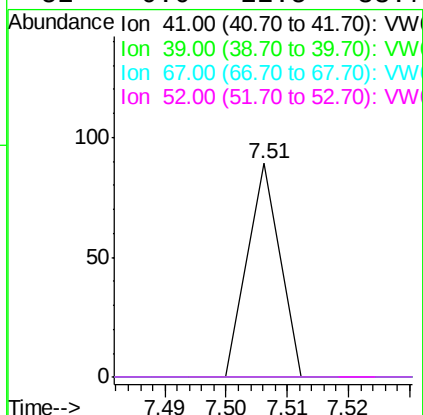
Tgt Ion: 78 Resp: 369
Ion Ratio Lower Upper
78 100
77 0.0 19.1 28.7#





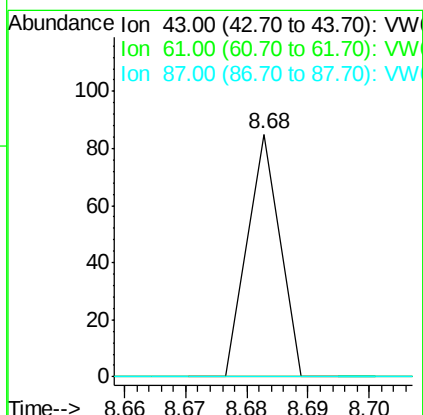
#41
Methacrylonitrile
Concen: 610.545 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.03 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

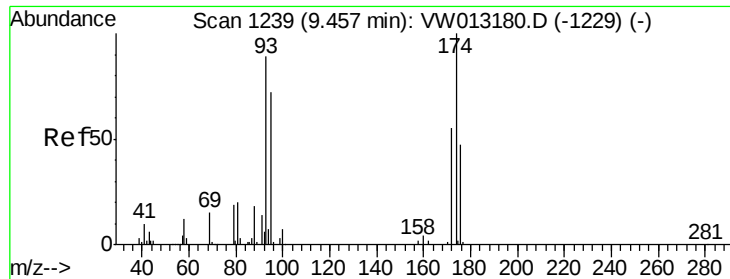
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.9	68.9#
67	0.0	54.5	81.7#
52	0.0	22.5	33.7#



#43
Isopropyl Acetate
Concen: 178.603 ug/l
RT: 8.68 min Scan# 1112
Delta R.T. 0.26 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.5	38.3#
87	0.0	11.0	16.4#

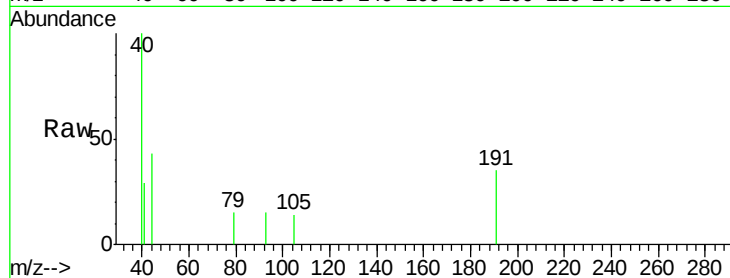




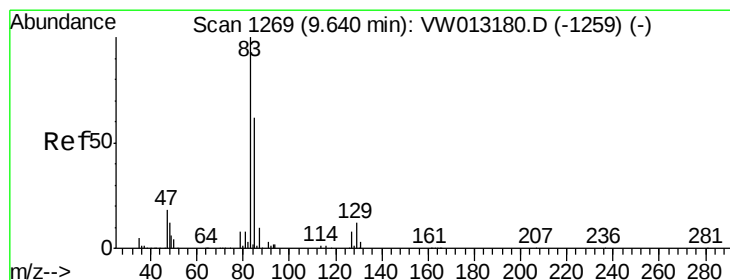
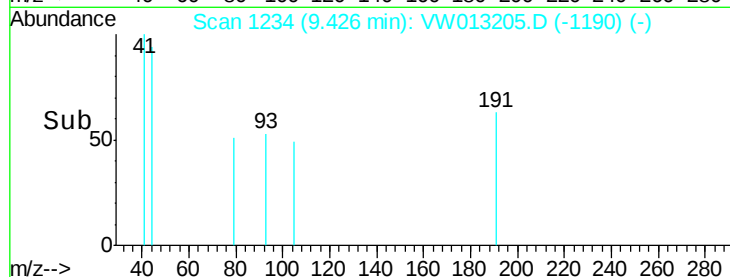
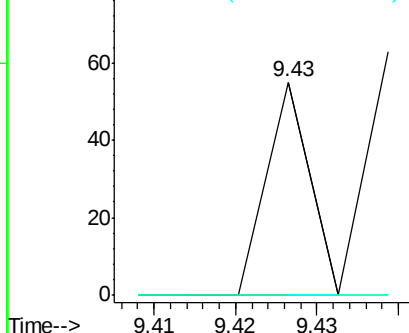
#46
Dibromomethane
Concen: 283.892 ug/l
RT: 9.43 min Scan# 1234
Delta R.T. -0.03 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
95	0.0	66.4	99.6#
174	0.0	93.0	139.6#

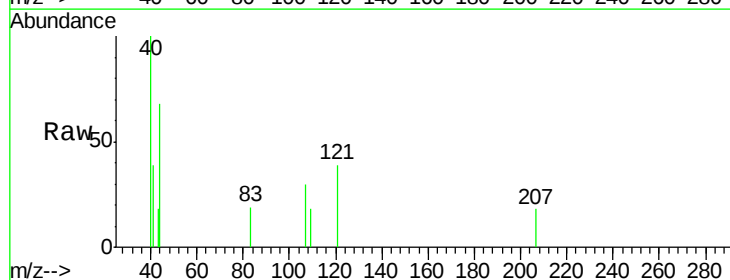


Abundance Ion 92.80 (92.50 to 93.50): VW
Ion 94.80 (94.50 to 95.50): VW
Ion 173.70 (173.40 to 174.40): V

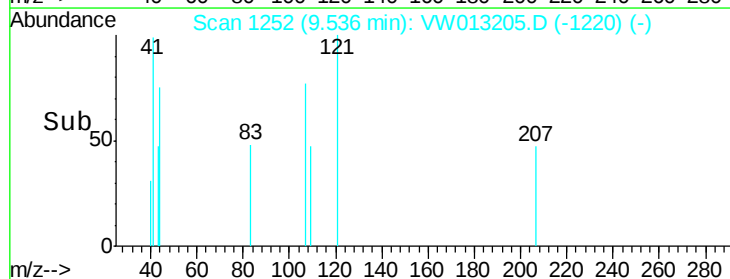
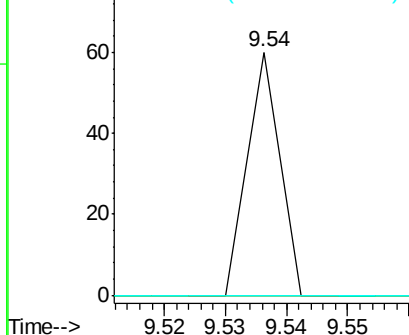


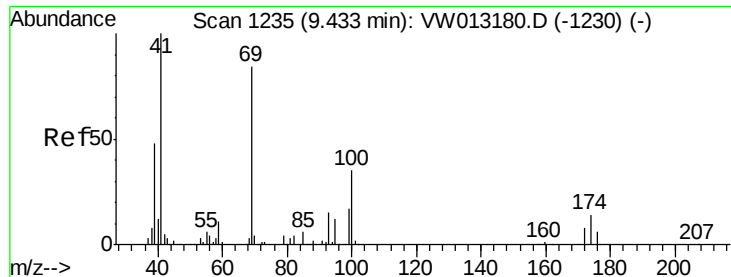
#47
Bromodichloromethane
Concen: 122.726 ug/l
RT: 9.54 min Scan# 1252
Delta R.T. -0.10 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	0.0	49.4	74.2#
127	0.0	6.5	9.7#



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

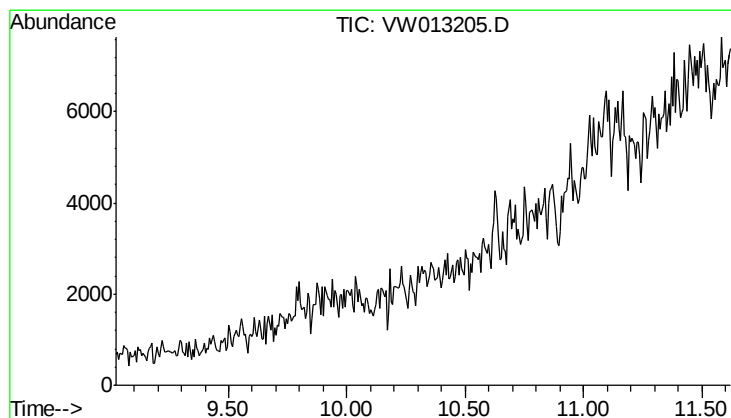
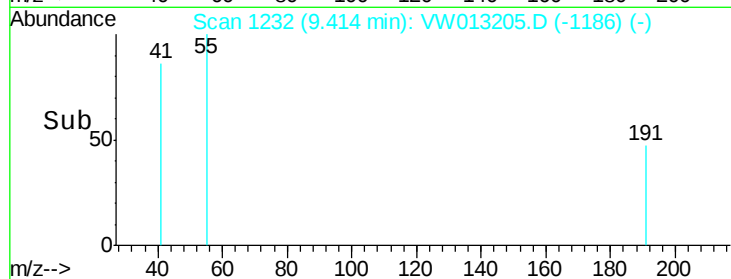
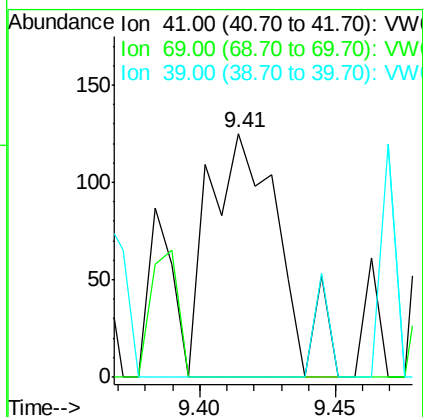
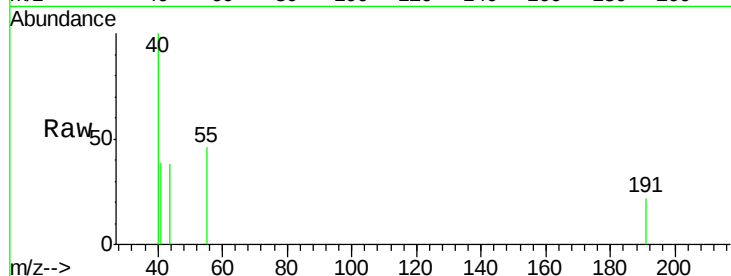




#48
Methyl methacrylate
Concen: 2781.305 ug/l
RT: 9.41 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

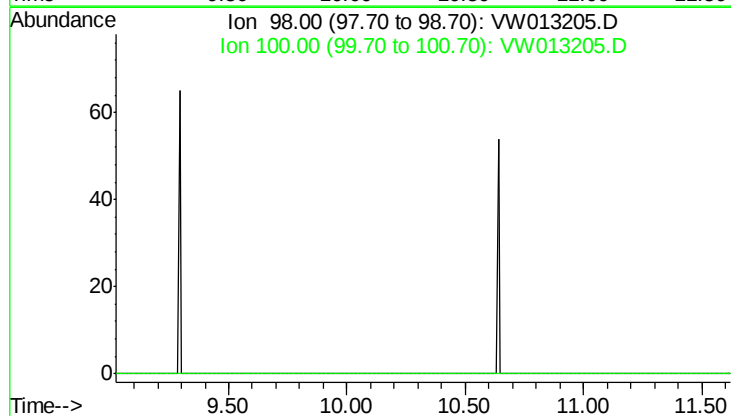
Instrument :
MSVOA_W
ClientSampled :

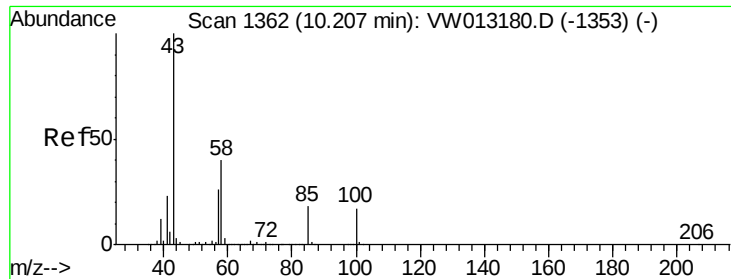
Tot Ion: 41 Resp: 227
Ion Ratio Lower Upper
41 100
69 0.0 69.7 104.5#
39 0.0 41.1 61.7#



#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.32 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

Tgt Ion: 98
Sig Exp Ratio
98 100
100 66.1





#51

4-Methyl-2-Pentanone

Concen: 1333.118 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW013205.D

Acq: 21 Sep 2019 01:46

Instrument :

MSVOA_W

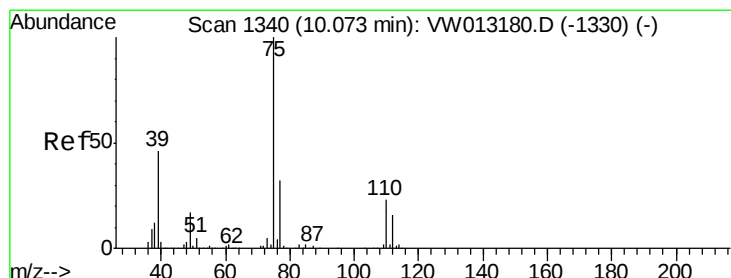
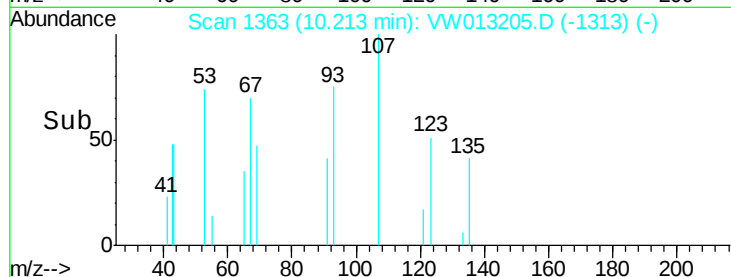
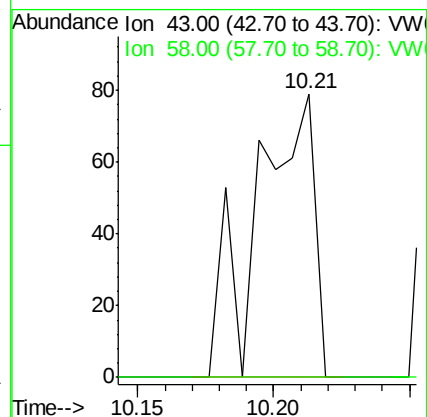
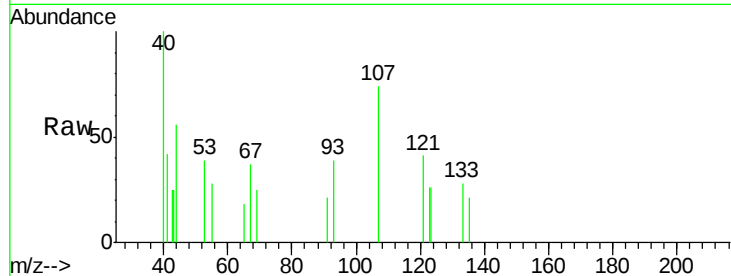
ClientSampled :

Tot Ion: 43 Resp: 116

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#54

cis-1,3-Dichloropropene

Concen: 200.955 ug/l

RT: 10.12 min Scan# 1348

Delta R.T. 0.05 min

Lab File: VW013205.D

Acq: 21 Sep 2019 01:46

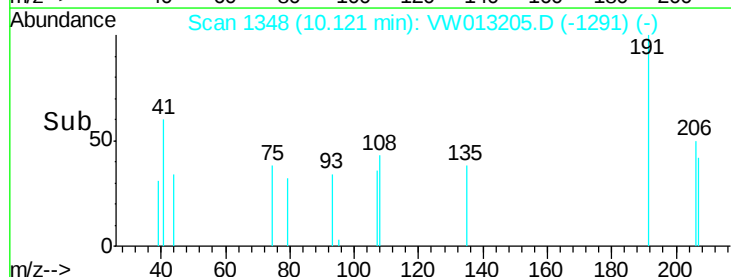
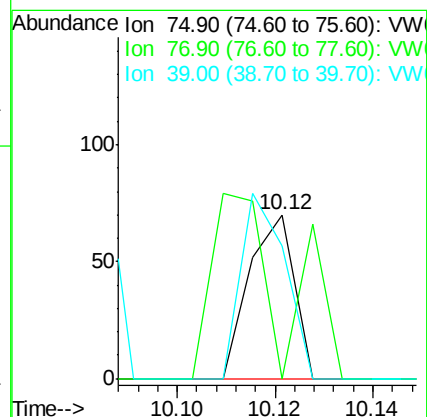
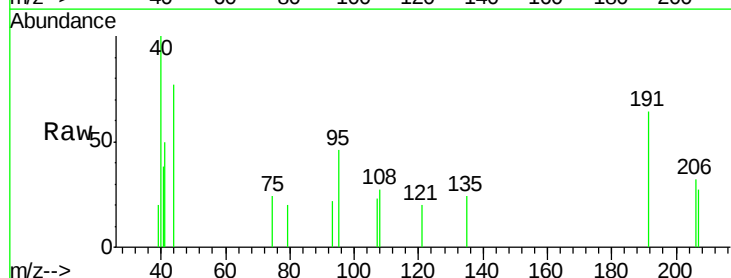
Tgt Ion: 75 Resp: 45

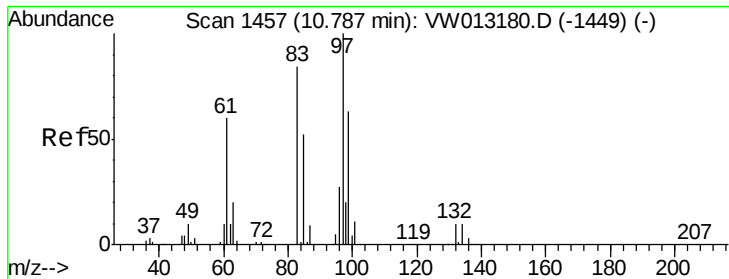
Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

39 81.4 36.6 55.0#





#55

1,1,2-Trichloroethane

Concen: 189.934 ug/l

RT: 10.76 min Scan# 1452

Delta R.T. -0.03 min

Lab File: VW013205.D

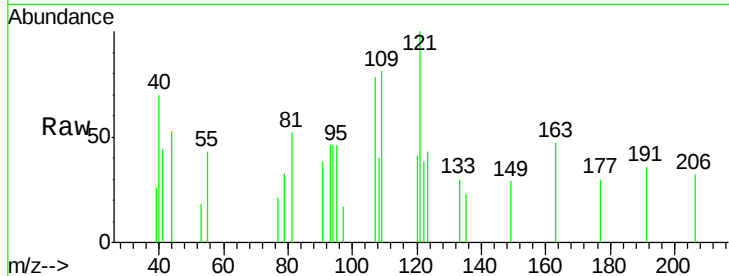
Acq: 21 Sep 2019 01:46

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:	97	Resp:	20
Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.6	101.4#
85	0.0	41.9	62.9#
99	0.0	50.1	75.1#

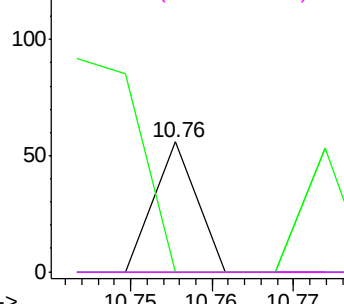


Abundance Ion 96.90 (96.60 to 97.60): VW

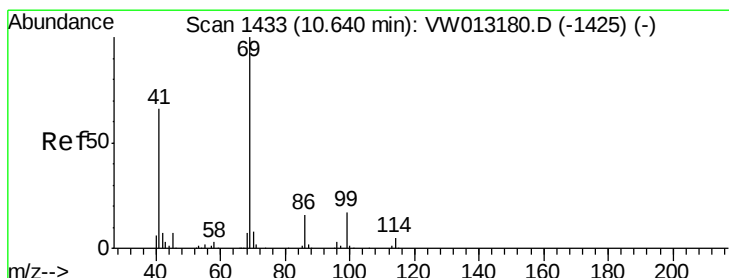
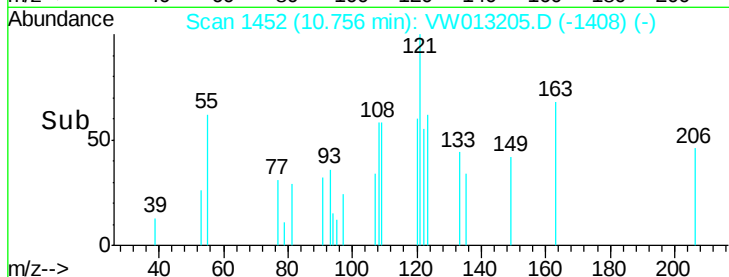
Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



Time-->



#56

Ethyl methacrylate

Concen: 1509.342 ug/l

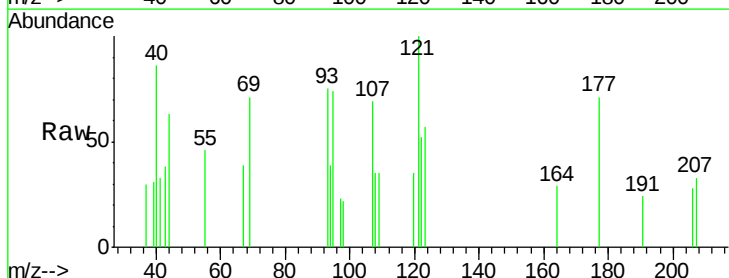
RT: 10.64 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VW013205.D

Acq: 21 Sep 2019 01:46

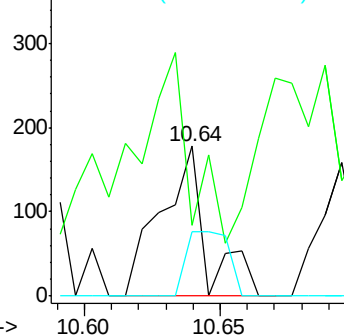
Tgt Ion:	69	Resp:	208
Ion	Ratio	Lower	Upper
69	100		
41	170.2	53.9	80.9#
39	39.4	23.8	35.6#



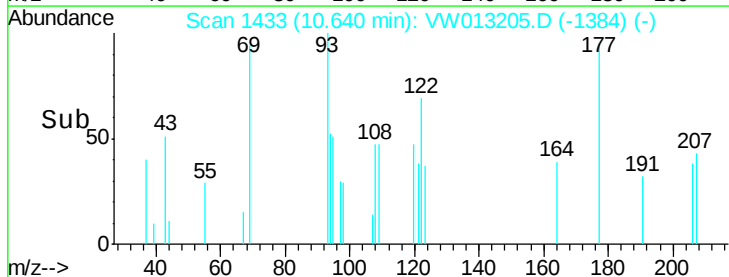
Abundance Ion 69.00 (68.70 to 69.70): VW

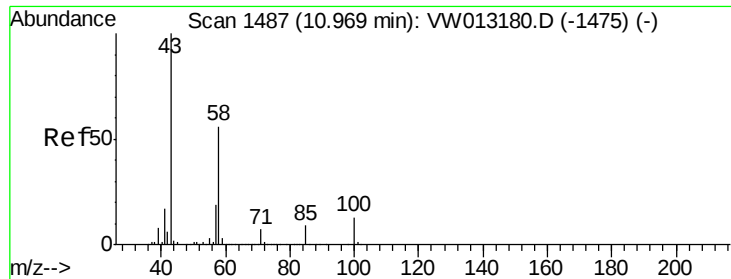
Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



Time-->

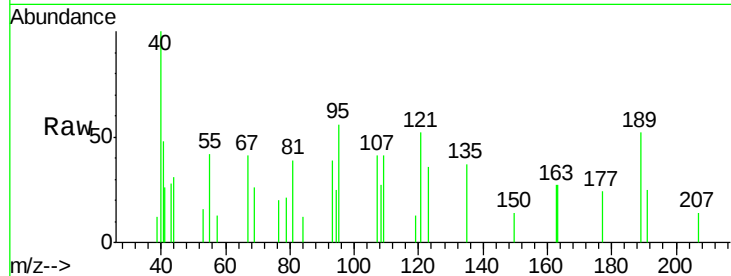




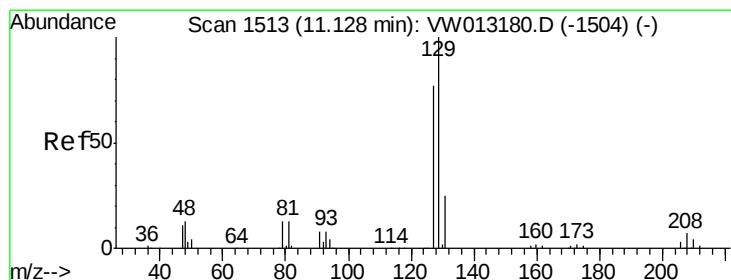
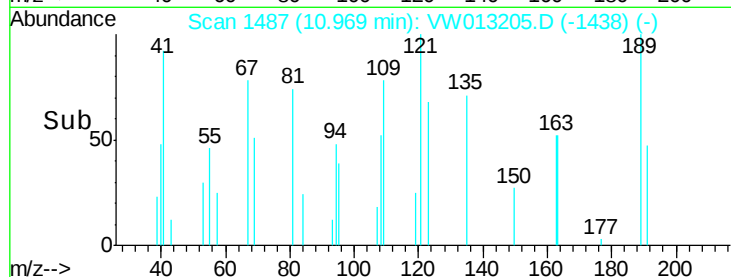
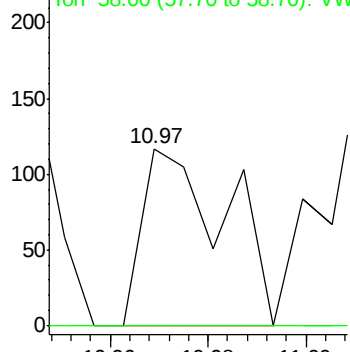
#59
2-Hexanone
Concen: 2305.170 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 138
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.2#

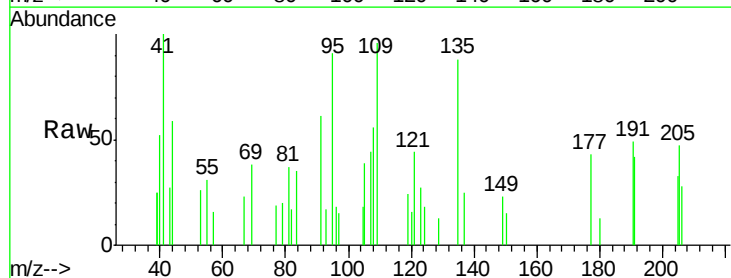


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

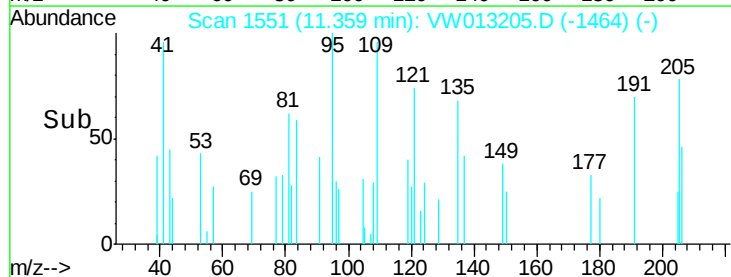
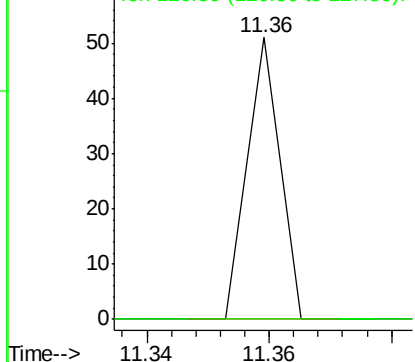


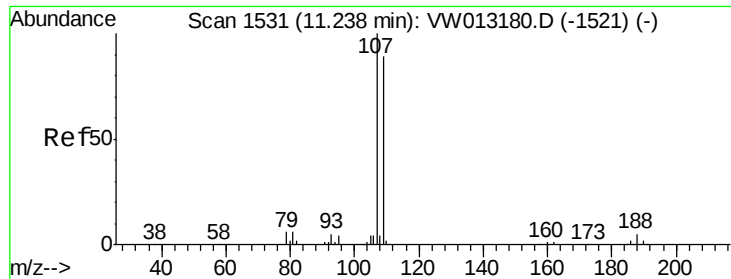
#60
Dibromochloromethane
Concen: 158.908 ug/l
RT: 11.36 min Scan# 1551
Delta R.T. 0.23 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

Tgt Ion: 129 Resp: 19
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 2447.114 ug/l

RT: 11.18 min Scan# 1522

Delta R.T. -0.06 min

Lab File: VW013205.D

Acq: 21 Sep 2019 01:46

Instrument :

MSVOA_W

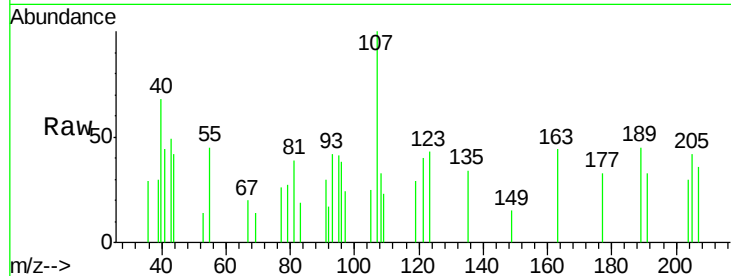
ClientSampled :

Tot Ion: 107 Resp: 245

Ion Ratio Lower Upper

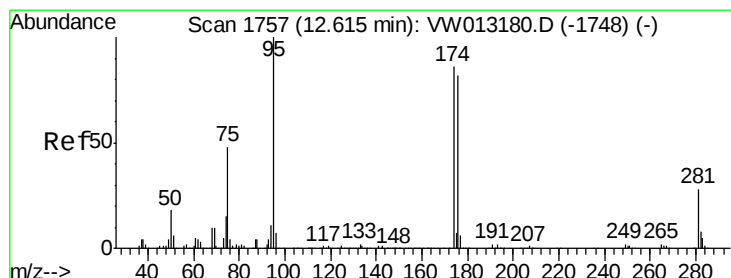
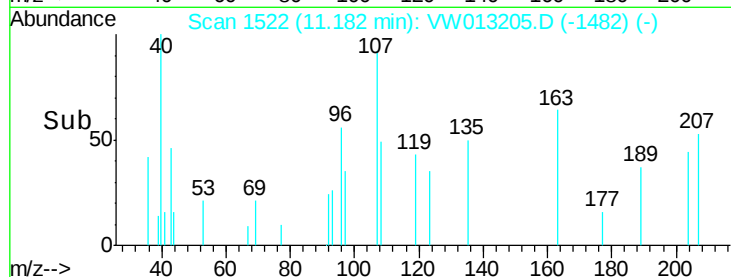
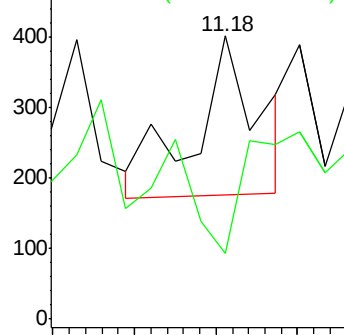
107 100

109 89.4 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4468.684 ug/l

RT: 12.61 min Scan# 1756

Delta R.T. -0.01 min

Lab File: VW013205.D

Acq: 21 Sep 2019 01:46

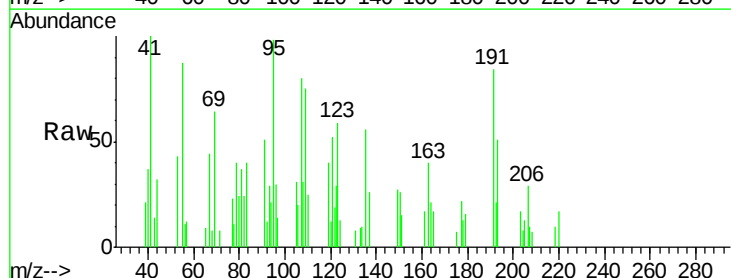
Tgt Ion: 95 Resp: 773

Ion Ratio Lower Upper

95 100

174 0.0 0.0 178.4

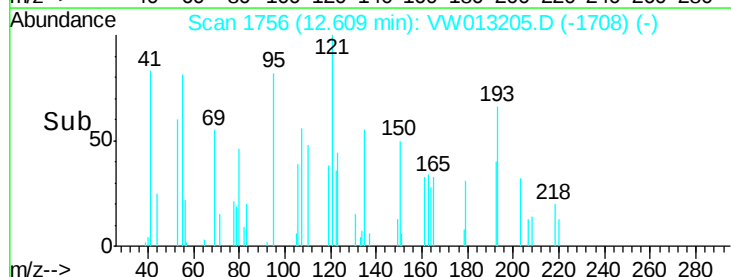
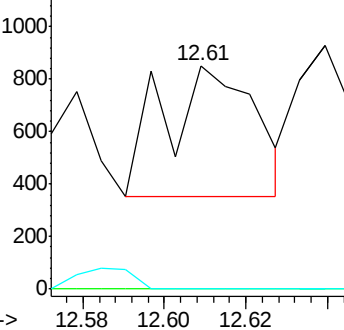
176 0.0 0.0 172.2

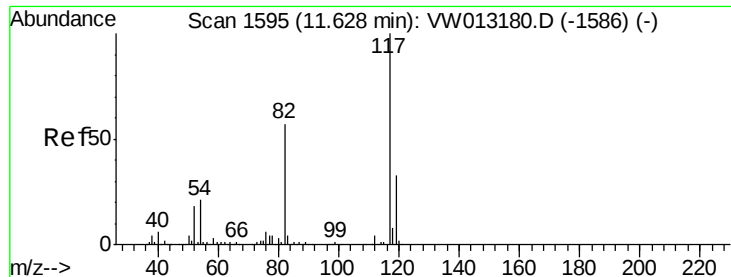


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

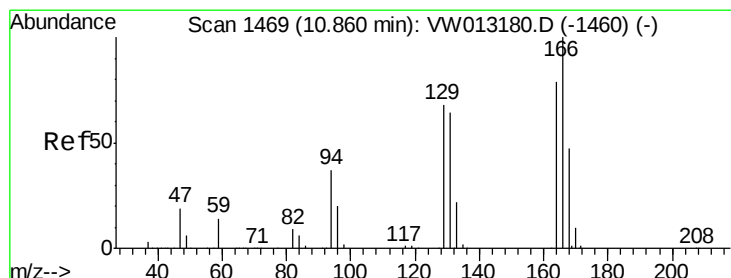
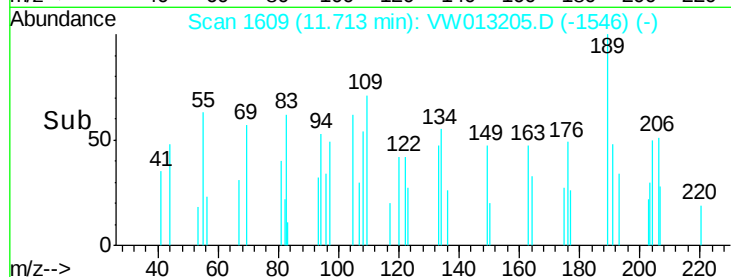
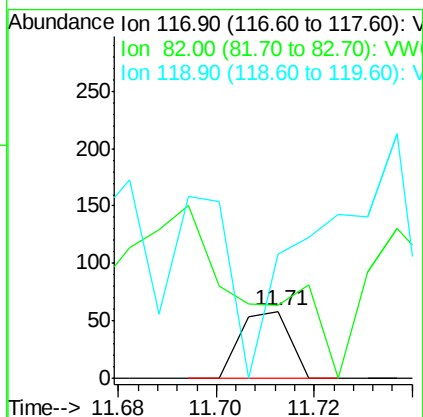
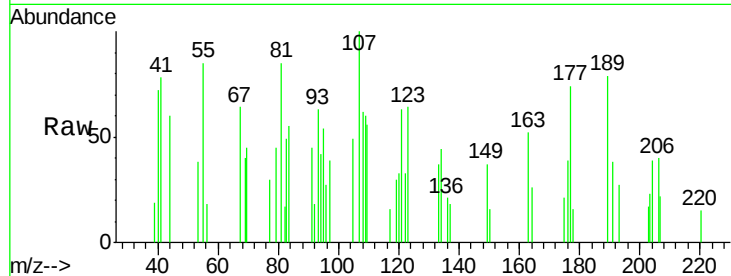




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.71 min Scan# 1609
Delta R.T. 0.08 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

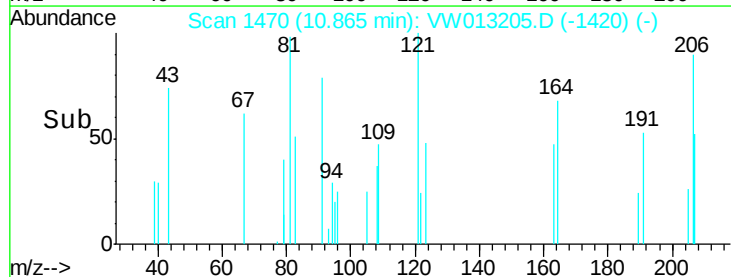
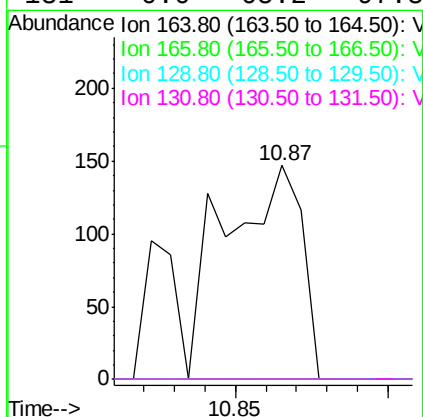
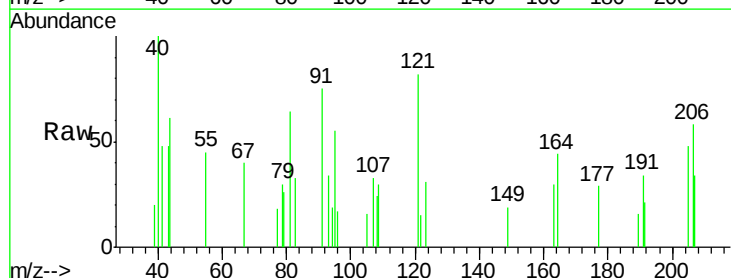
Instrument :
MSVOA_W
ClientSampleId :

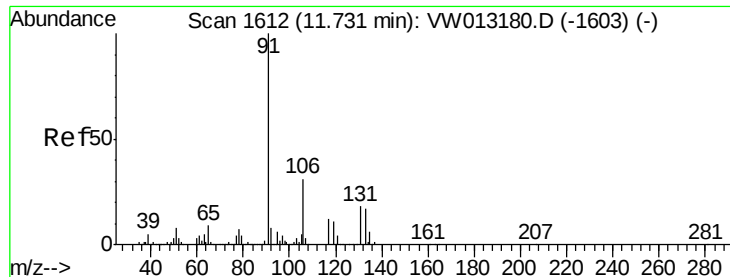
Tot Ion:117 Resp: 41
Ion Ratio Lower Upper
117 100
82 108.6 45.9 68.9#
119 0.0 26.2 39.2#



#64
Tetrachloroethene
Concen: 829.365 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

Tgt Ion:164 Resp: 258
Ion Ratio Lower Upper
164 100
166 0.0 101.2 151.8#
129 0.0 68.8 103.2#
131 0.0 65.2 97.8#

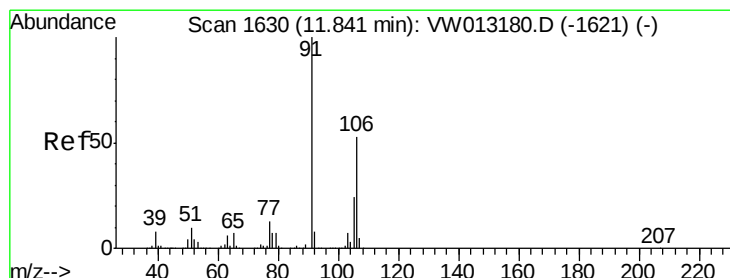
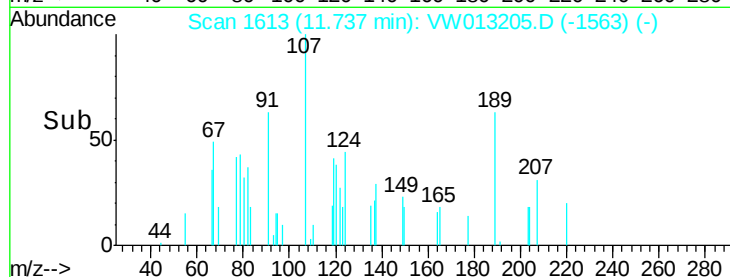
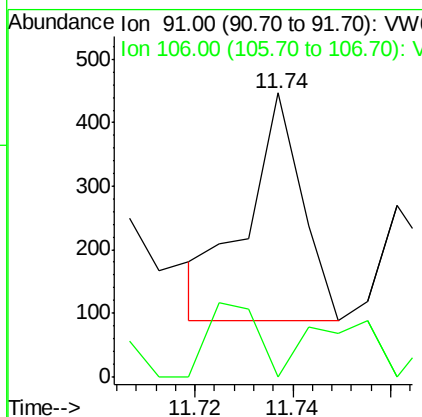
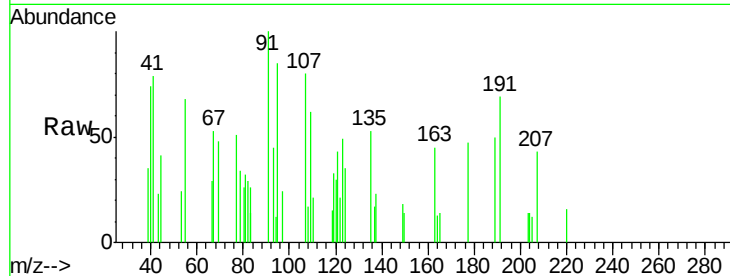




#67
Ethyl Benzene
Concen: 179.208 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

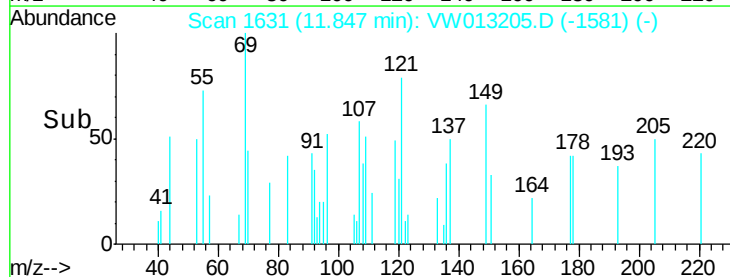
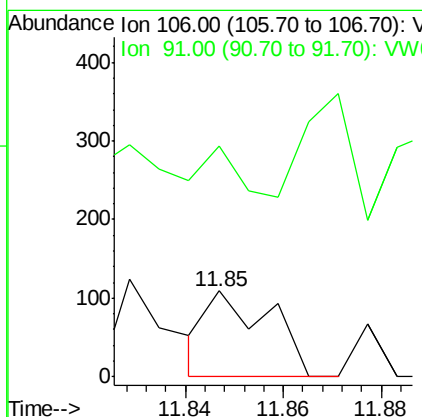
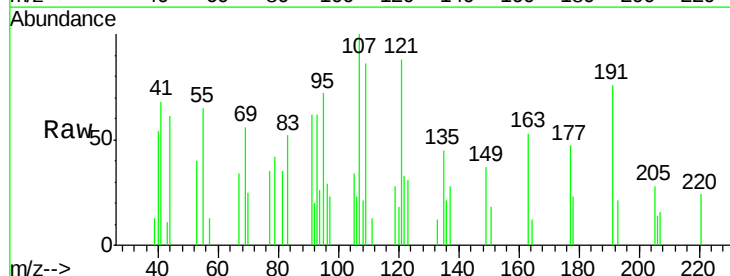
Instrument :
MSVOA_W
ClientSampleId :

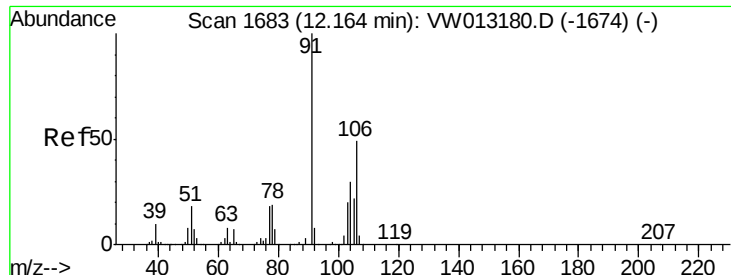
Tot Ion: 91 Resp: 278
Ion Ratio Lower Upper
91 100
106 0.0 24.9 37.3#



#68
m/p-Xylenes
Concen: 162.400 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

Tgt Ion: 106 Resp: 96
Ion Ratio Lower Upper
106 100
91 0.0 157.9 236.9#

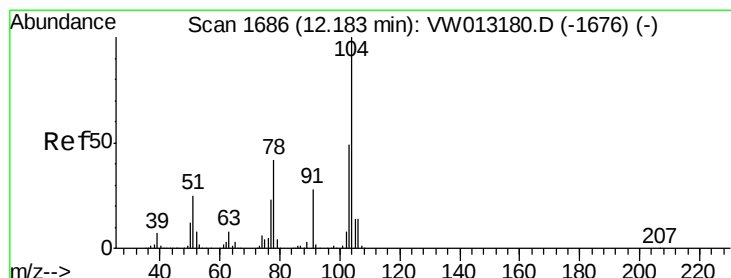
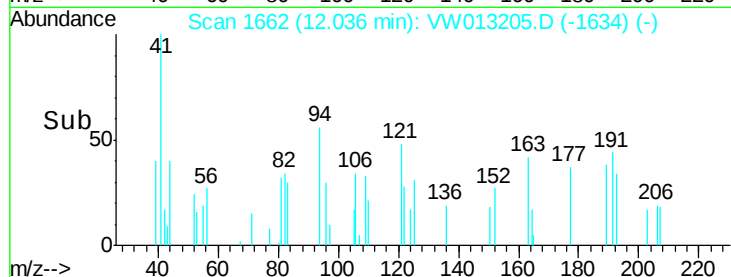
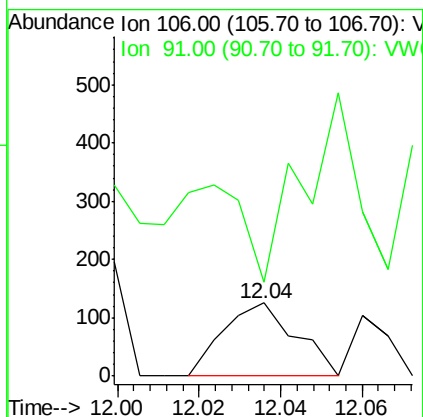
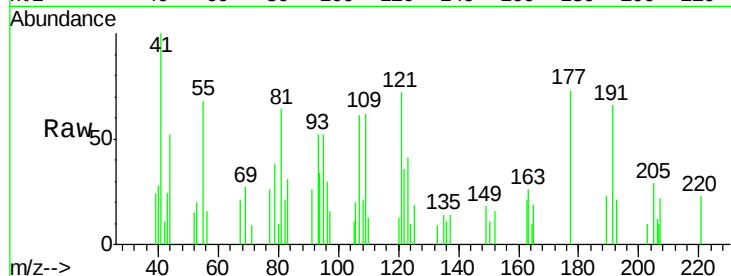




#69
o-Xylene
Concen: 280.209 ug/l
RT: 12.04 min Scan# 1662
Delta R.T. -0.13 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

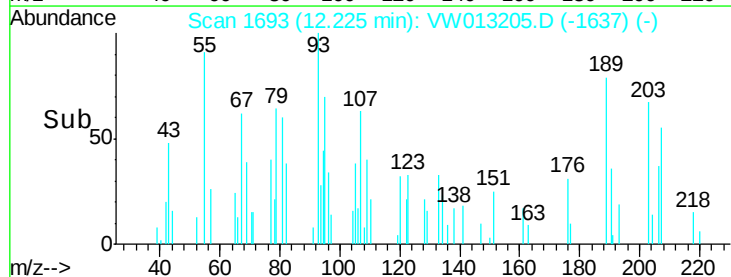
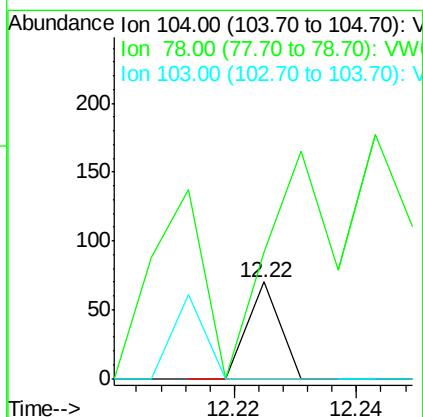
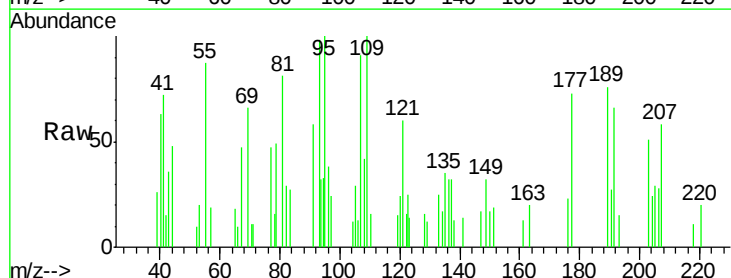
Instrument :
MSVOA_W
ClientSampleId :

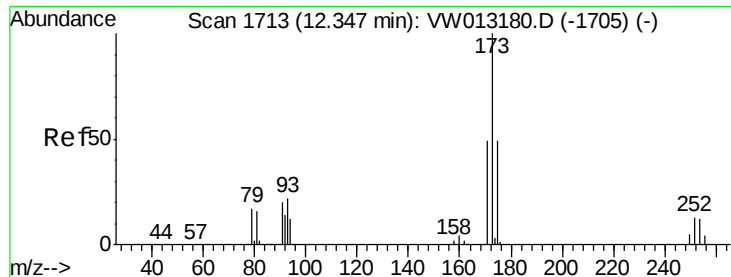
Tot Ion:106 Resp: 154
Ion Ratio Lower Upper
106 100
91 109.7 106.5 319.5



#70
Styrene
Concen: 27.556 ug/l
RT: 12.22 min Scan# 1693
Delta R.T. 0.04 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

Tgt Ion:104 Resp: 26
Ion Ratio Lower Upper
104 100
78 473.1 38.4 57.6#
103 0.0 43.3 64.9#





#71

Bromoform

Concen: 129.429 ug/l

RT: 12.39 min Scan# 1720

Delta R.T. 0.04 min

Lab File: VW013205.D

Acq: 21 Sep 2019 01:46

Instrument :

MSVOA_W

ClientSampled :

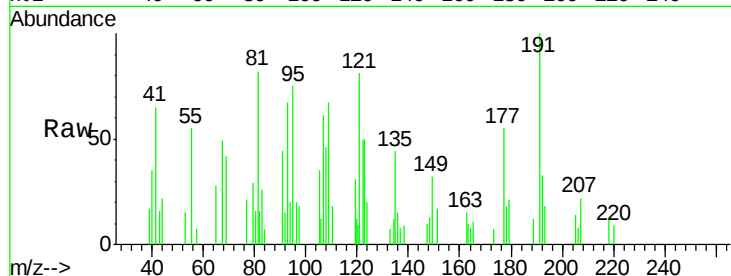
Tot Ion:173 Resp: 20

Ion Ratio Lower Upper

173 100

175 135.0 24.3 73.0#

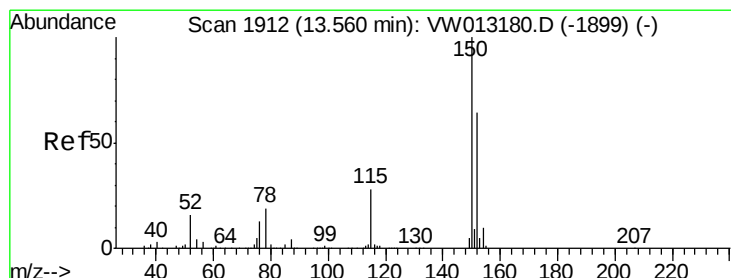
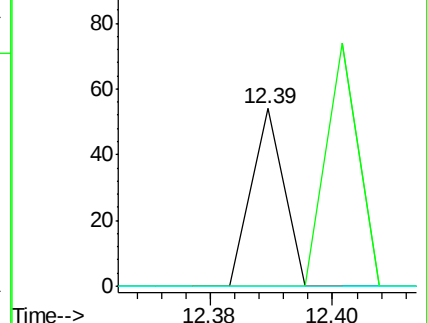
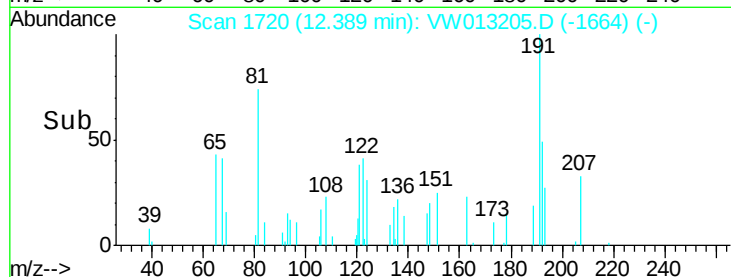
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.02 min

Lab File: VW013205.D

Acq: 21 Sep 2019 01:46

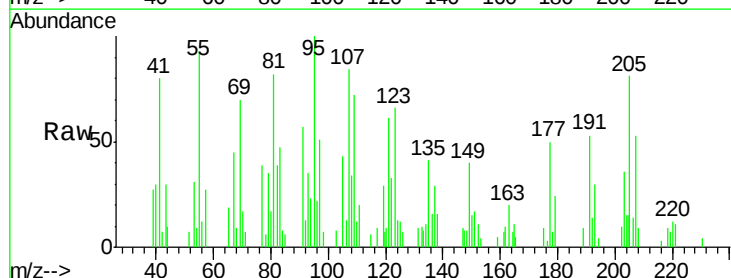
Tgt Ion:152 Resp: 283

Ion Ratio Lower Upper

152 100

115 0.0 27.3 81.9#

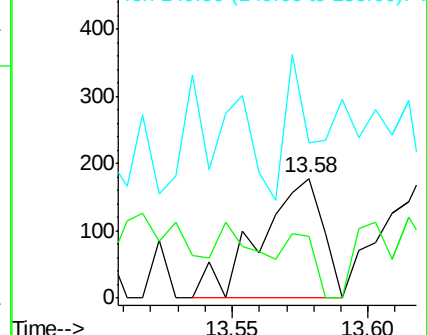
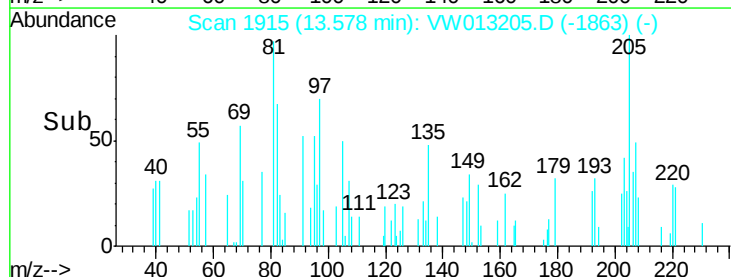
150 50.5 0.0 349.0

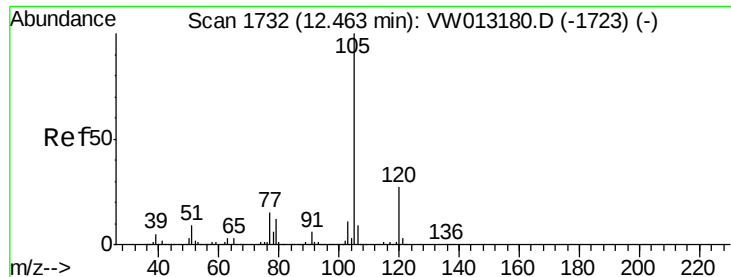


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 14.542 ug/l

RT: 12.37 min Scan# 1717

Delta R.T. -0.09 min

Lab File: VW013205.D

Acq: 21 Sep 2019 01:46

Instrument :

MSVOA_W

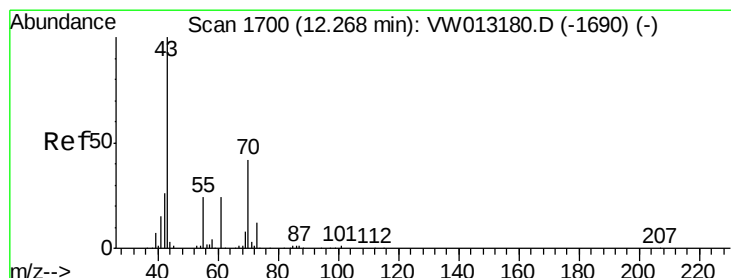
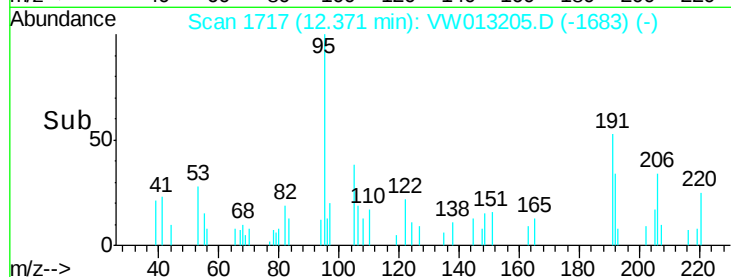
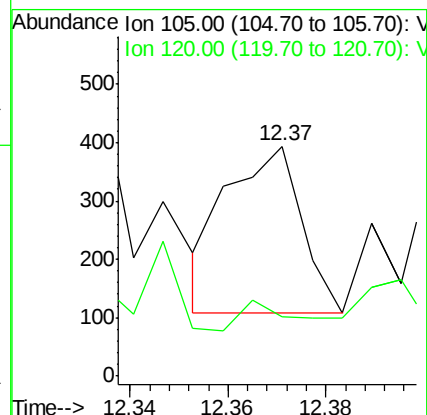
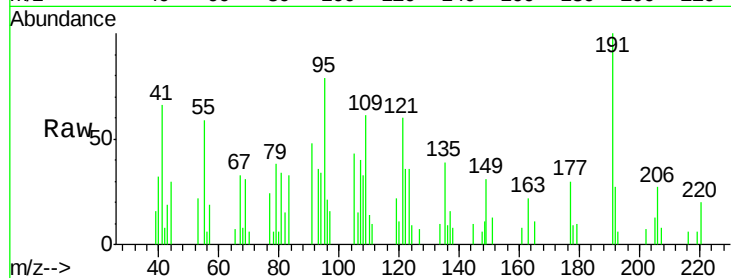
ClientSampleId :

Tot Ion:105 Resp: 304

Ion Ratio Lower Upper

105 100

120 22.0 13.4 40.1



#74

N-ethyl acetate

Concen: 34.491 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.01 min

Lab File: VW013205.D

Acq: 21 Sep 2019 01:46

Tgt Ion: 43 Resp: 160

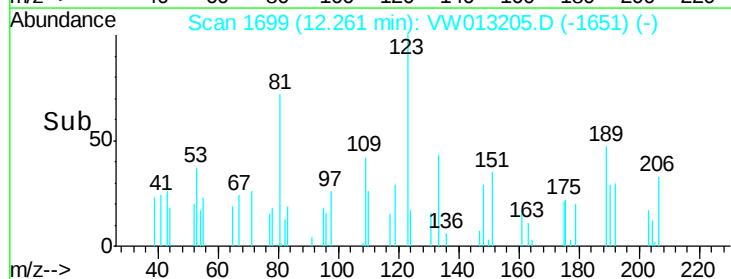
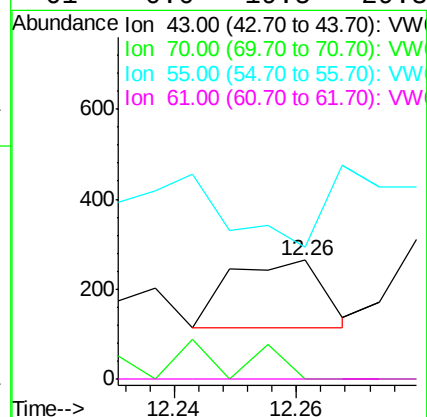
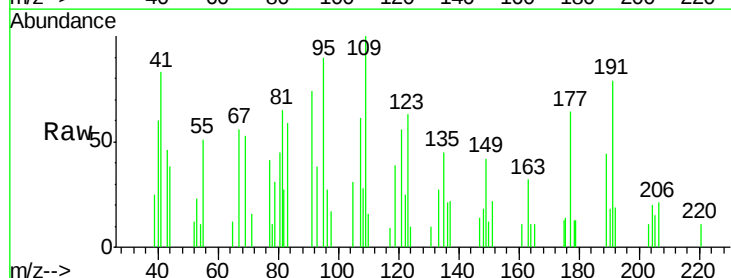
Ion Ratio Lower Upper

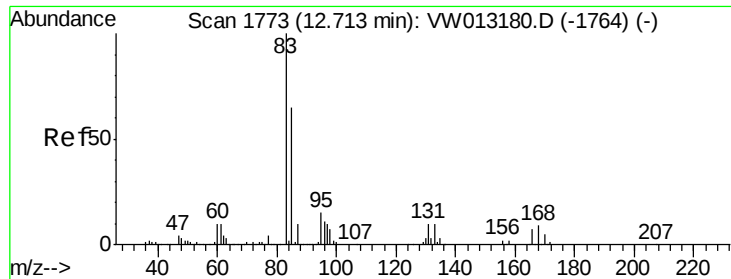
43 100

70 0.0 35.1 52.7#

55 106.3 19.9 29.9#

61 0.0 19.5 29.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 114.121 ug/l

RT: 12.69 min Scan# 1770

Delta R.T. -0.02 min

Lab File: VW013205.D

Acq: 21 Sep 2019 01:46

Instrument :

MSVOA_W

ClientSampled :

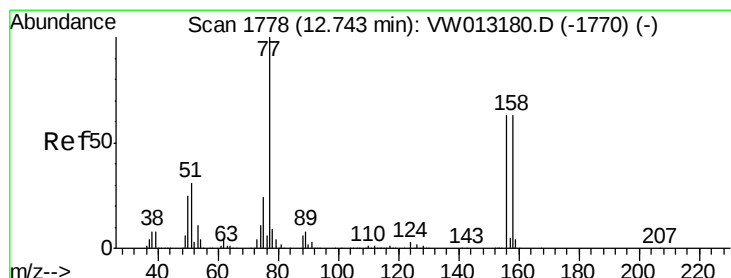
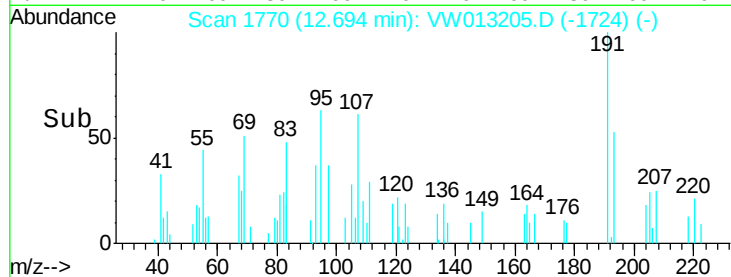
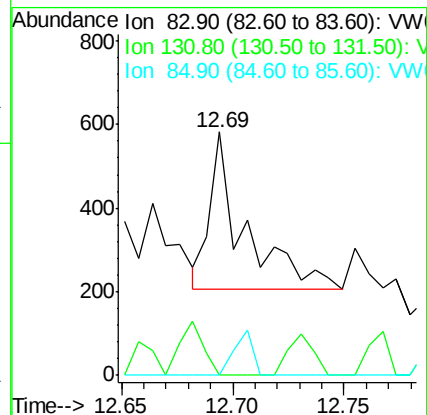
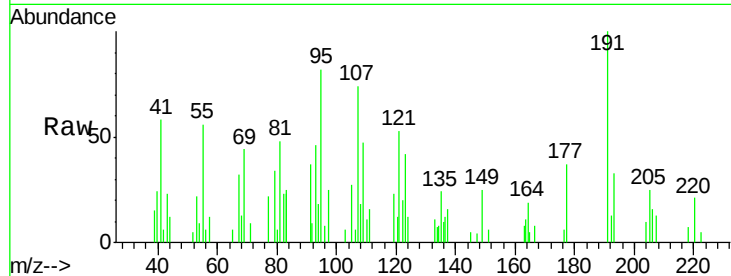
Tot Ion: 83 Resp: 399

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 15.5 31.9 95.9#



#77

Bromobenzene

Concen: 10.497 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.16 min

Lab File: VW013205.D

Acq: 21 Sep 2019 01:46

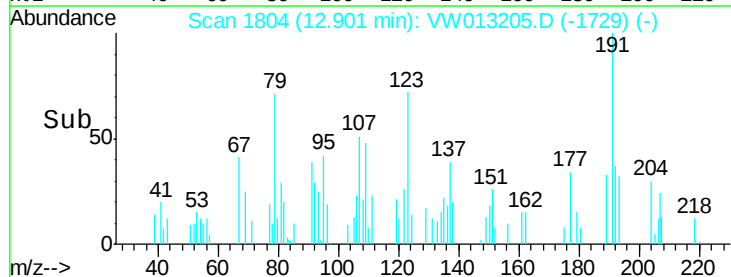
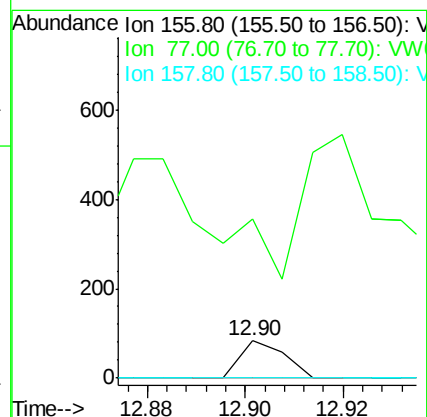
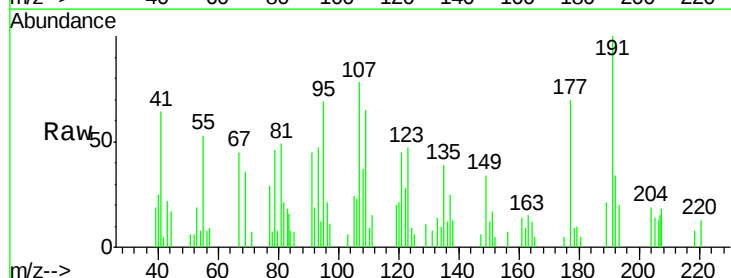
Tgt Ion: 156 Resp: 52

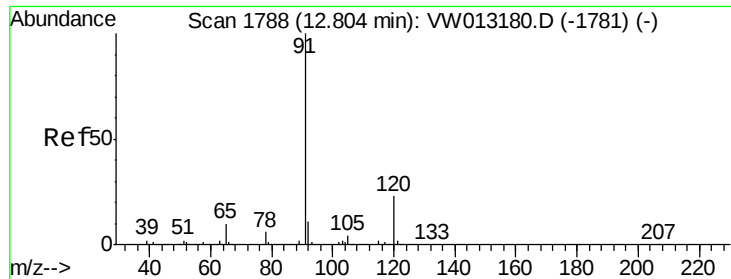
Ion Ratio Lower Upper

156 100

77 665.4 85.7 257.1#

158 0.0 48.1 144.4#





#78

n-propylbenzene

Concen: 8.541 ug/l

RT: 12.80 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VW013205.D

Acq: 21 Sep 2019 01:46

Instrument :

MSVOA_W

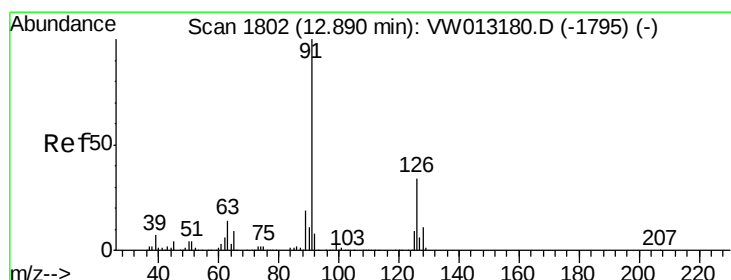
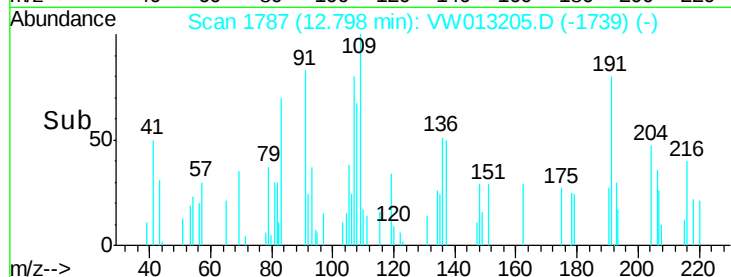
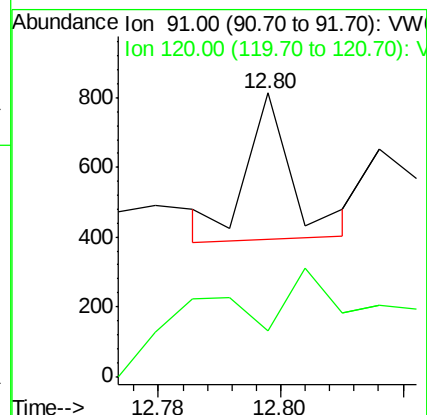
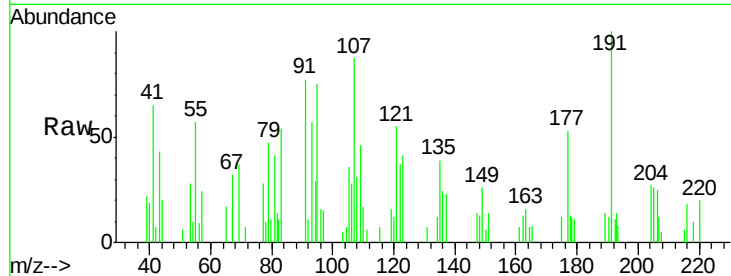
ClientSampled :

Tot Ion: 91 Resp: 209

Ion Ratio Lower Upper

91 100

120 67.0 11.7 35.1#



#79

2-Chlorotoluene

Concen: 11.452 ug/l

RT: 12.88 min Scan# 1801

Delta R.T. -0.01 min

Lab File: VW013205.D

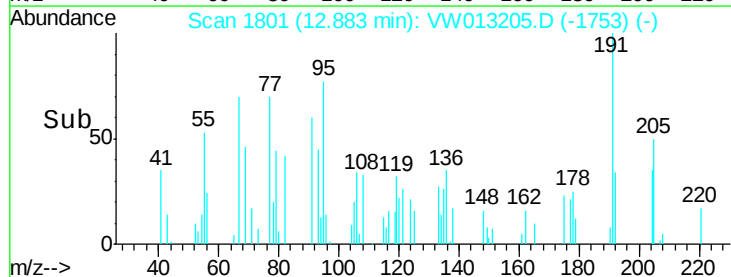
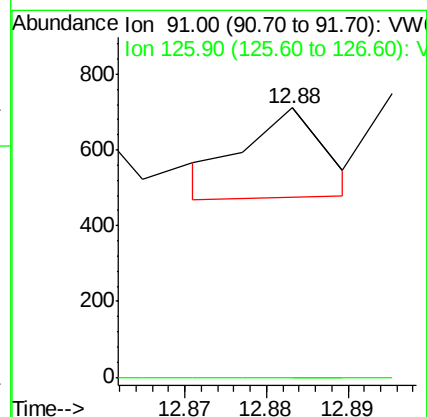
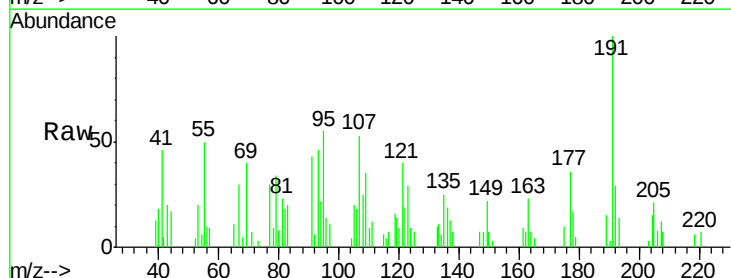
Acq: 21 Sep 2019 01:46

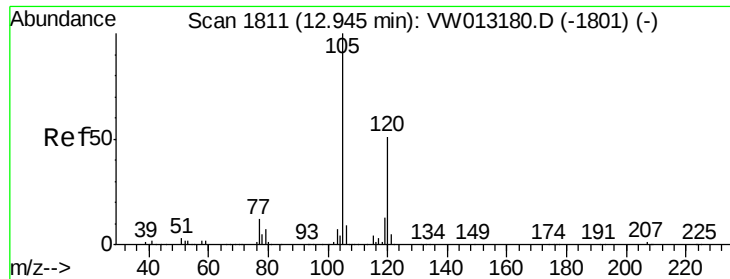
Tgt Ion: 91 Resp: 157

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.5#

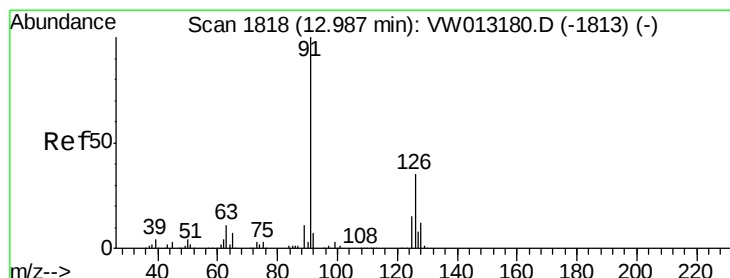
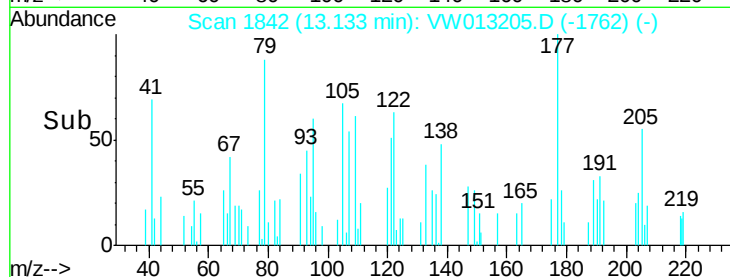
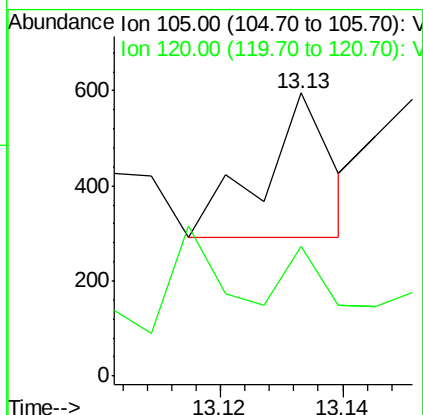
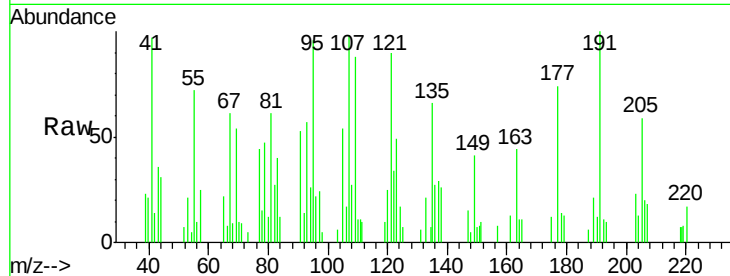




#80
 1,3,5-Trimethylbenzene
 Concen: 13.430 ug/l
 RT: 13.13 min Scan# 1842
 Delta R.T. 0.19 min
 Lab File: VW013205.D
 Acq: 21 Sep 2019 01:46

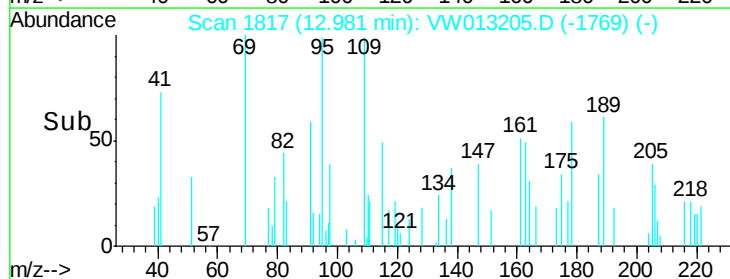
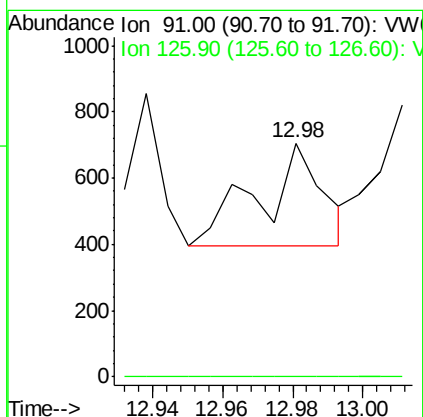
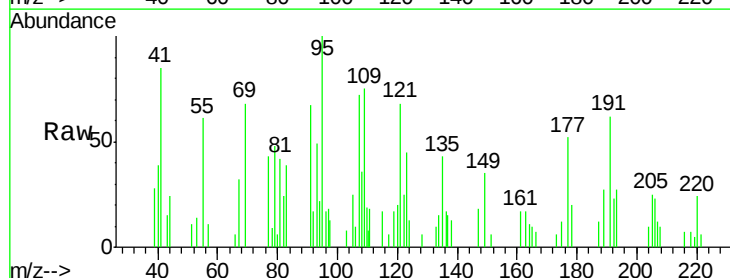
Instrument :
 MSVOA_W
 ClientSampled :

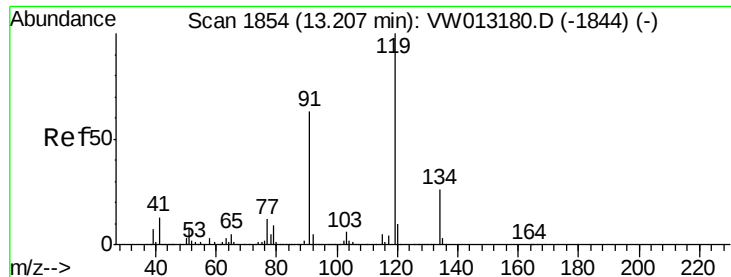
Tot Ion:105 Resp: 236
 Ion Ratio Lower Upper
 105 100
 120 56.8 24.9 74.8



#82
 4-Chlorotoluene
 Concen: 26.838 ug/l
 RT: 12.98 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VW013205.D
 Acq: 21 Sep 2019 01:46

Tgt Ion: 91 Resp: 388
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.3 51.7#

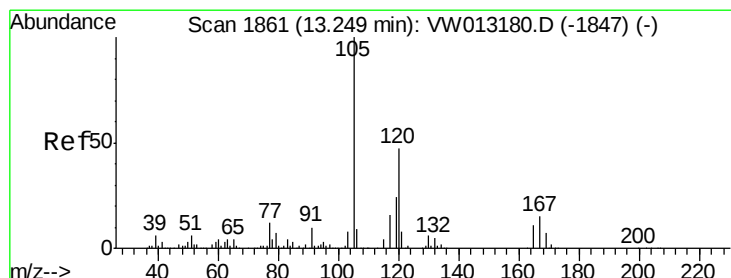
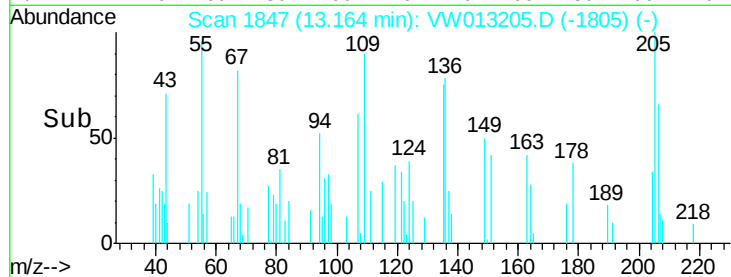
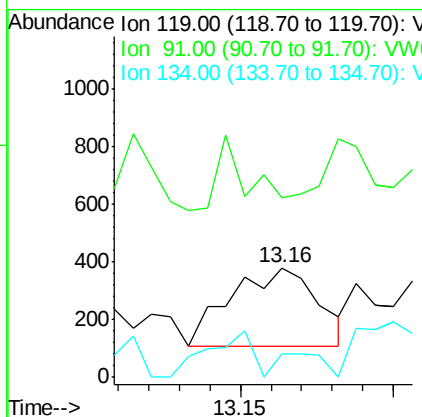
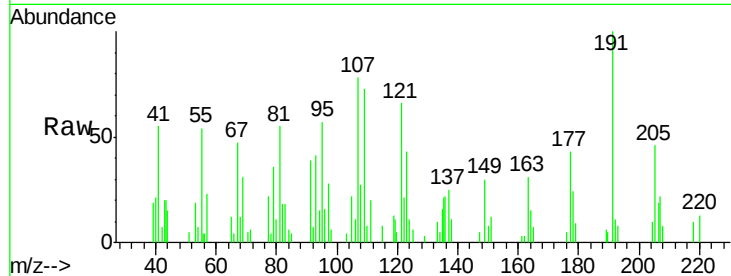




#83
tert-Butylbenzene
Concen: 34.621 ug/l
RT: 13.16 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

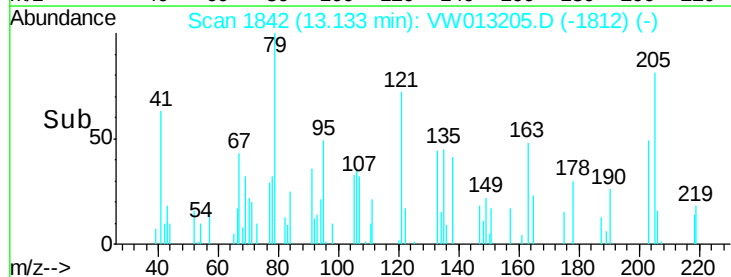
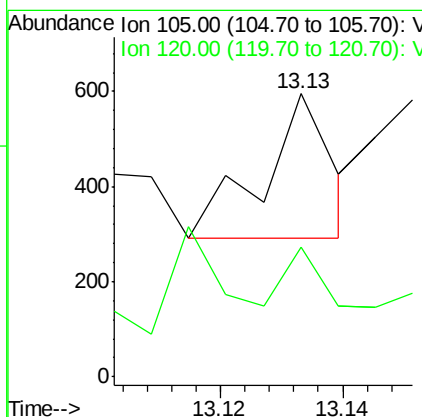
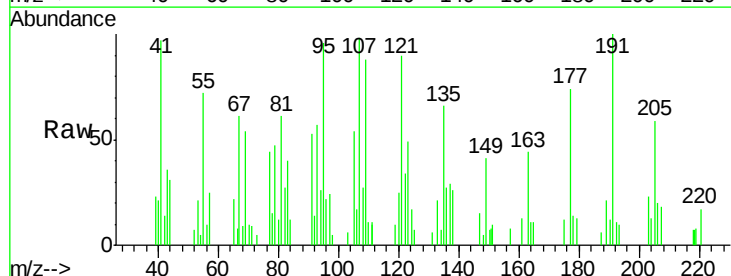
Instrument :
MSVOA_W
ClientSampleId :

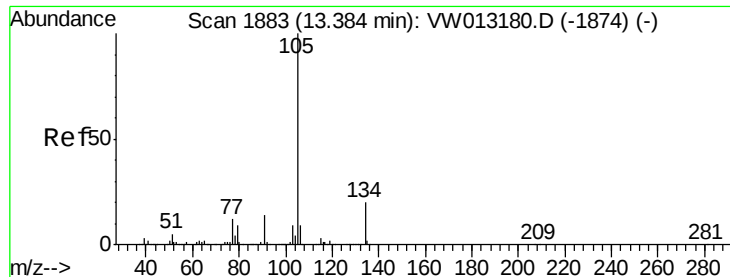
Tot Ion:119 Resp: 534
Ion Ratio Lower Upper
119 100
91 53.0 30.7 92.1
134 29.8 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 13.496 ug/l
RT: 13.13 min Scan# 1842
Delta R.T. -0.12 min
Lab File: VW013205.D
Acq: 21 Sep 2019 01:46

Tgt Ion:105 Resp: 236
Ion Ratio Lower Upper
105 100
120 56.8 23.4 70.3

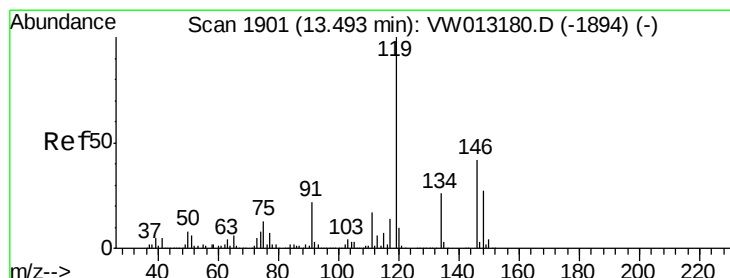
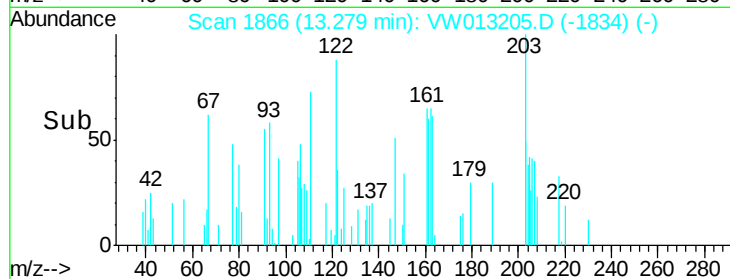
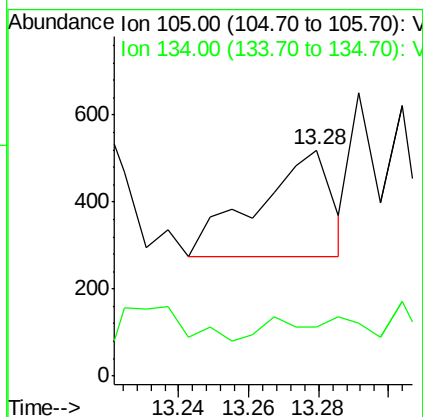
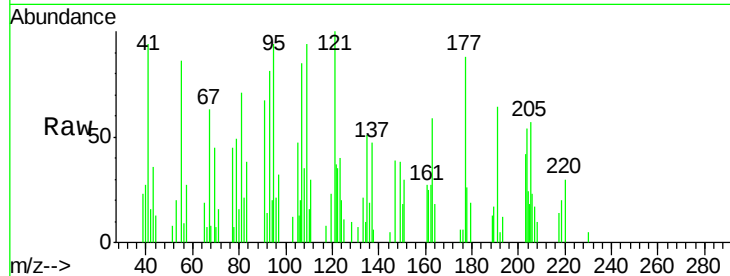




#85
 sec-Butylbenzene
 Concen: 16.929 ug/l
 RT: 13.28 min Scan# 1866
 Delta R.T. -0.10 min
 Lab File: VW013205.D
 Acq: 21 Sep 2019 01:46

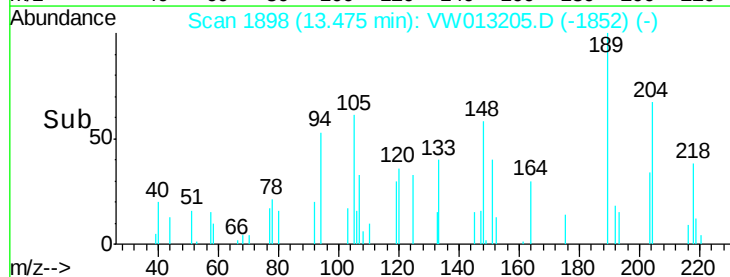
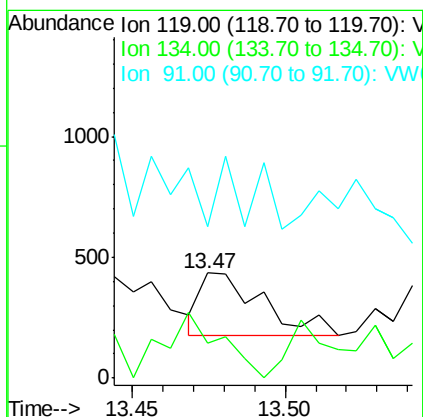
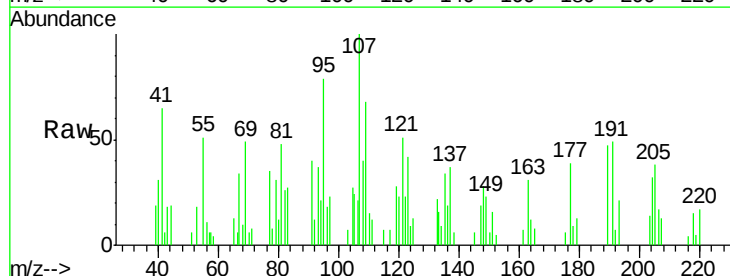
Instrument :
 MSVOA_W
 ClientSampled :

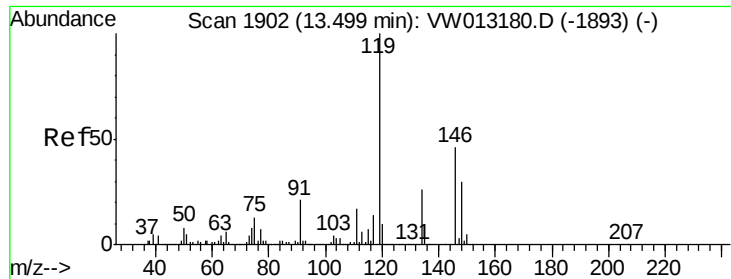
Tot Ion:105 Resp: 360
 Ion Ratio Lower Upper
 105 100
 134 10.3 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 18.404 ug/l
 RT: 13.47 min Scan# 1898
 Delta R.T. -0.02 min
 Lab File: VW013205.D
 Acq: 21 Sep 2019 01:46

Tgt Ion:119 Resp: 363
 Ion Ratio Lower Upper
 119 100
 134 96.7 13.3 39.8#
 91 61.2 10.8 32.4#





#87

1,3-Dichlorobenzene

Concen: 9.230 ug/l

RT: 13.41 min Scan# 1888

Delta R.T. -0.09 min

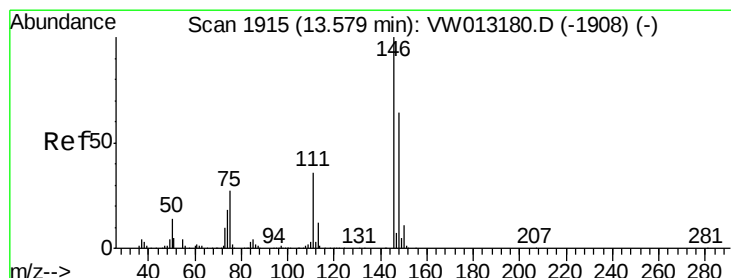
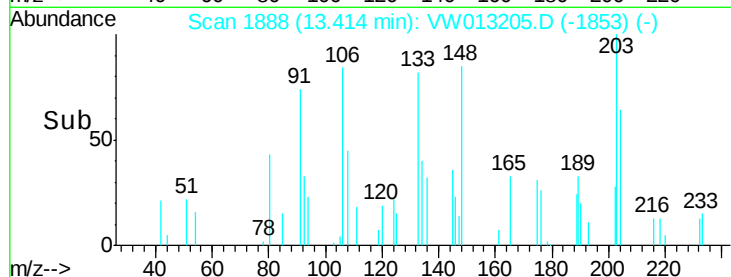
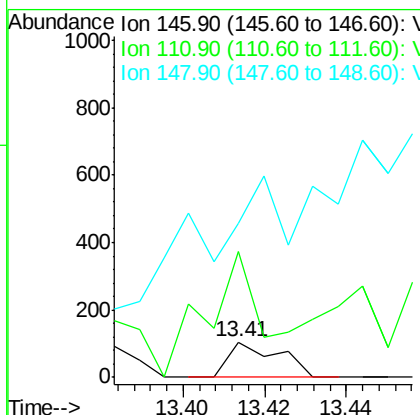
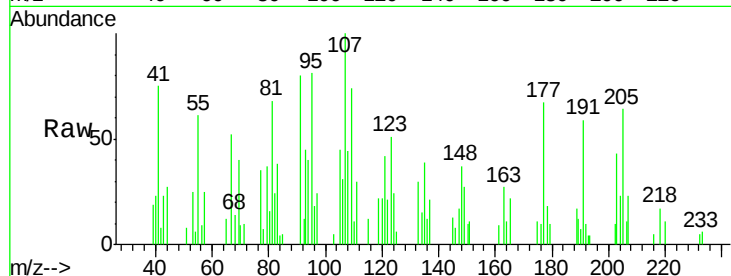
Lab File: VW013205.D

Acq: 21 Sep 2019 01:46

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:146 Resp: 88

Ion	Ratio	Lower	Upper
146	100		
111	410.2	18.9	56.9#
148	1492.0	31.9	95.5#



#88

1,4-Dichlorobenzene

Concen: 3.315 ug/l

RT: 13.71 min Scan# 1936

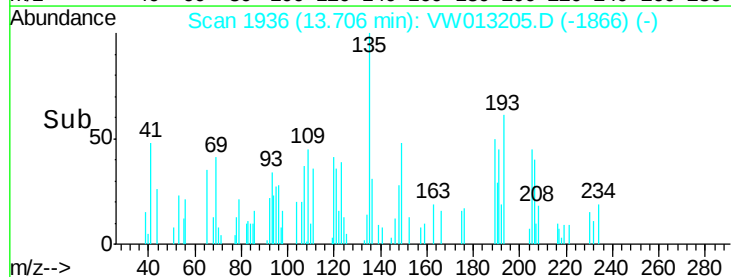
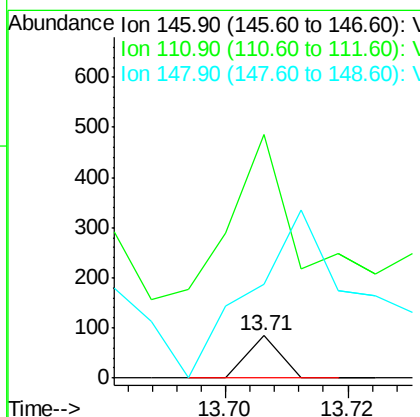
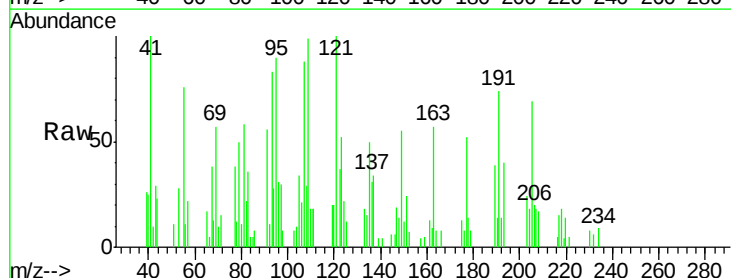
Delta R.T. 0.13 min

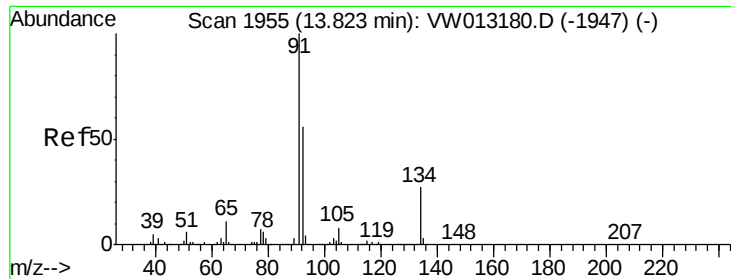
Lab File: VW013205.D

Acq: 21 Sep 2019 01:46

Tgt Ion:146 Resp: 31

Ion	Ratio	Lower	Upper
146	100		
111	1054.8	18.4	55.0#
148	1748.4	32.1	96.3#





#89

n-Butylbenzene

Concen: 21.266 ug/l

RT: 14.00 min Scan# 1985

Delta R.T. 0.18 min

Lab File: VW013205.D

Acq: 21 Sep 2019 01:46

Instrument :

MSVOA_W

ClientSampled :

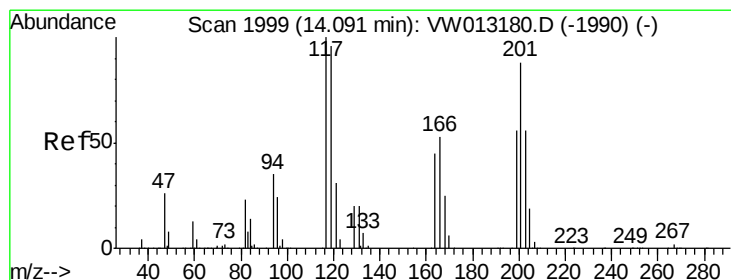
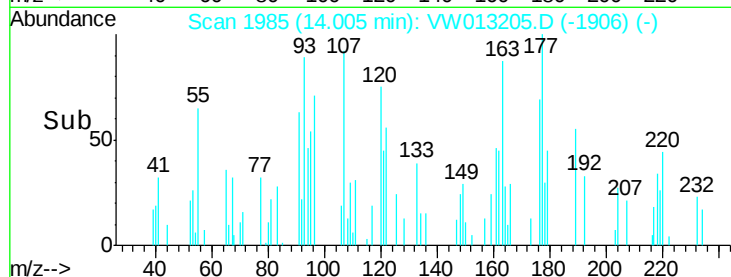
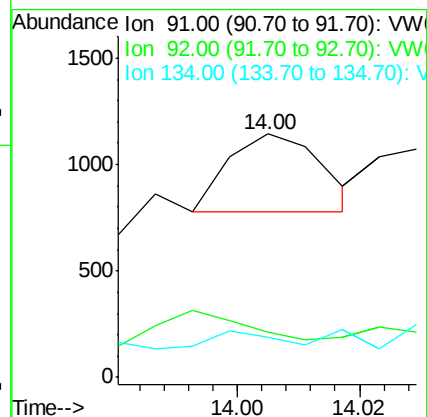
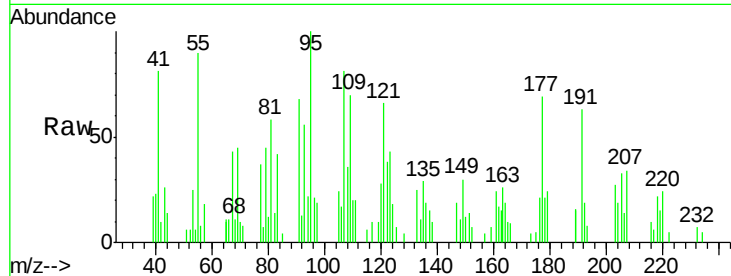
Tot Ion: 91 Resp: 383

Ion Ratio Lower Upper

91 100

92 47.5 27.6 82.8

134 17.0 13.7 41.1



#90

Hexachloroethane

Concen: 54.929 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013205.D

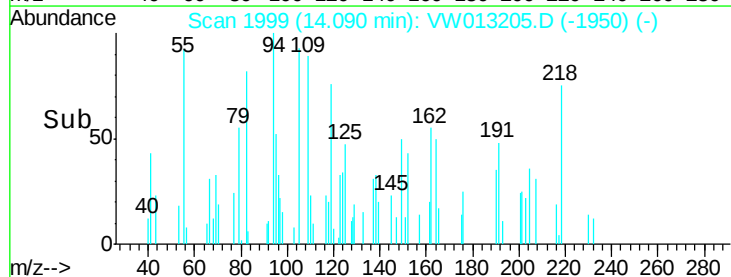
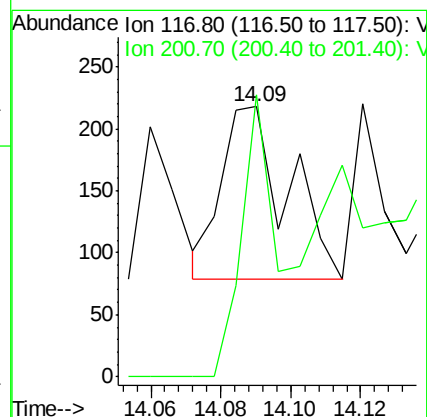
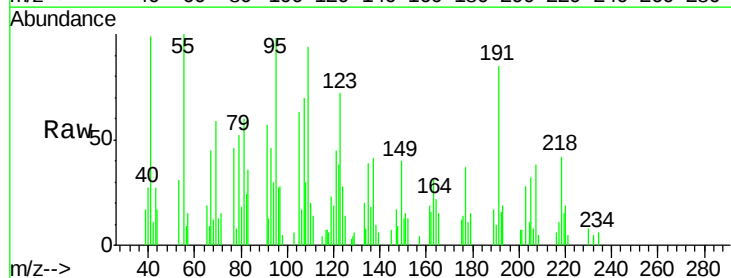
Acq: 21 Sep 2019 01:46

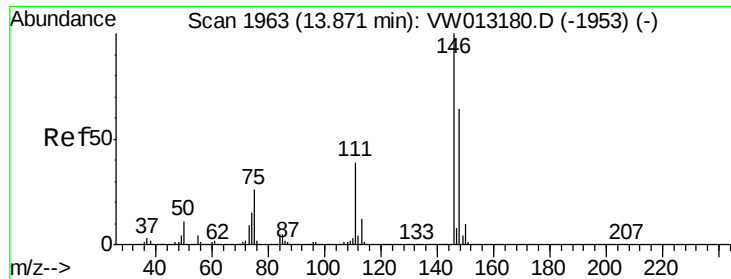
Tgt Ion: 117 Resp: 182

Ion Ratio Lower Upper

117 100

201 95.6 44.5 133.5





#91

1,2-Dichlorobenzene

Concen: 2.546 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW013205.D

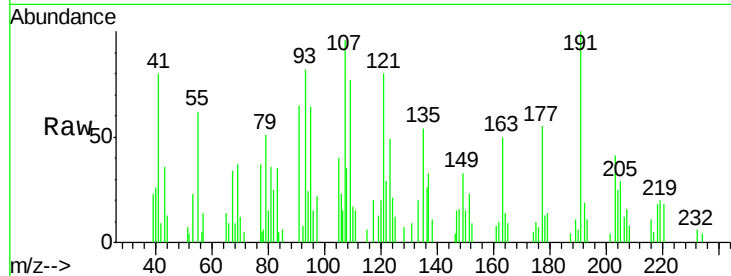
Acq: 21 Sep 2019 01:46

Instrument :

MSVOA_W

ClientSampleId :

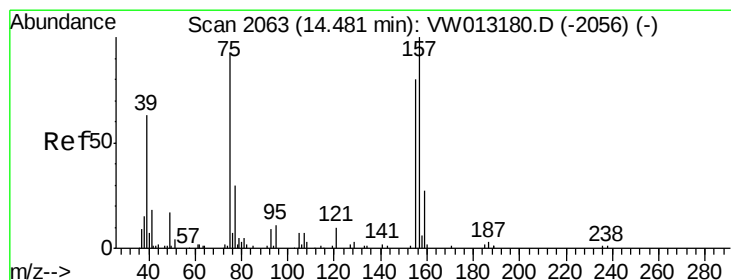
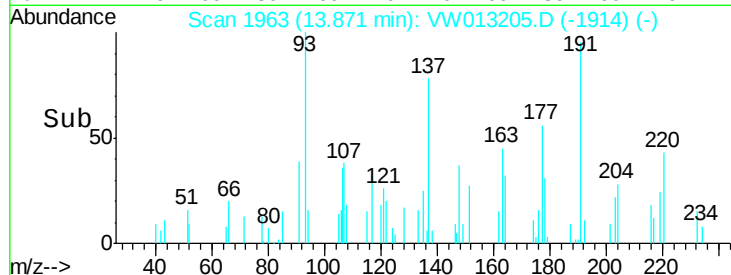
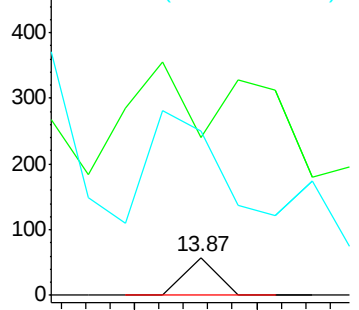
Tot Ion:146	Resp:	21
Ion	Ratio	Lower Upper
146	100	
111	2481.0	20.1 60.3#
148	1409.5	32.0 96.0#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 84.148 ug/l

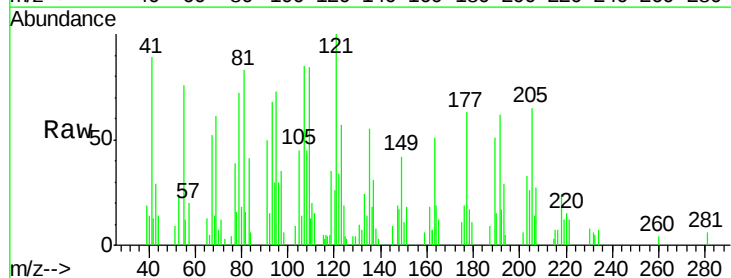
RT: 14.47 min Scan# 2061

Delta R.T. -0.01 min

Lab File: VW013205.D

Acq: 21 Sep 2019 01:46

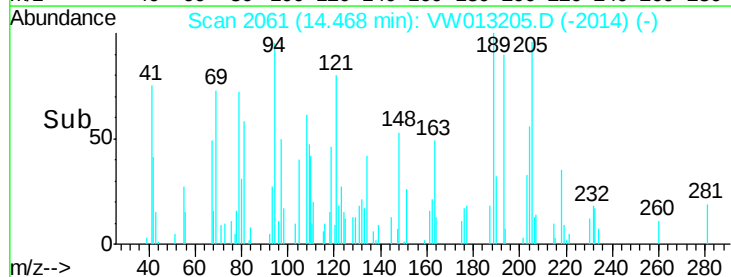
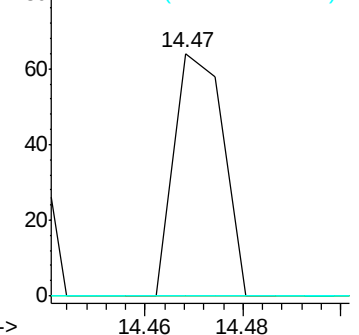
Tgt Ion: 75	Resp:	45
Ion	Ratio	Lower Upper
75	100	
155	0.0	46.1 138.3#
157	0.0	60.4 181.2#

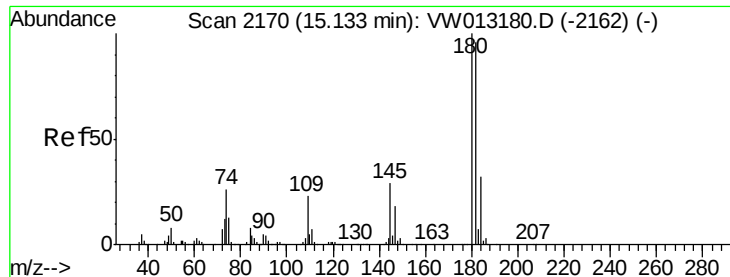


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

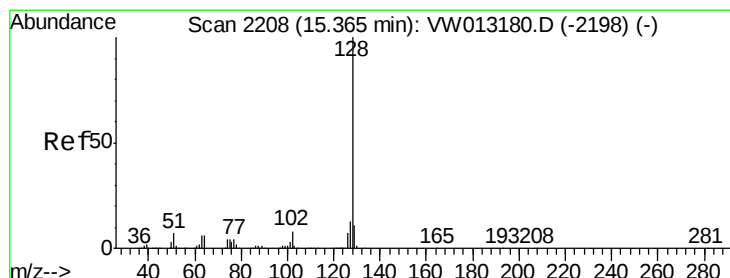
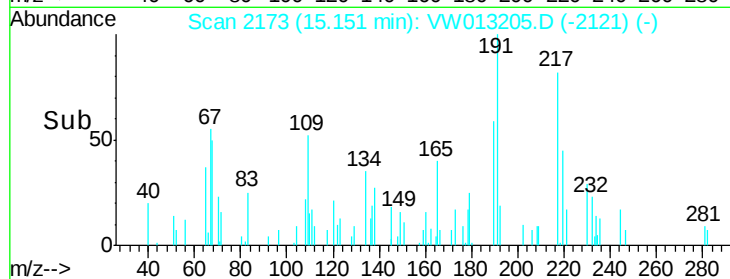
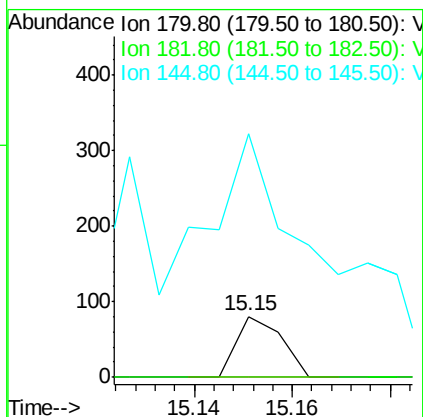
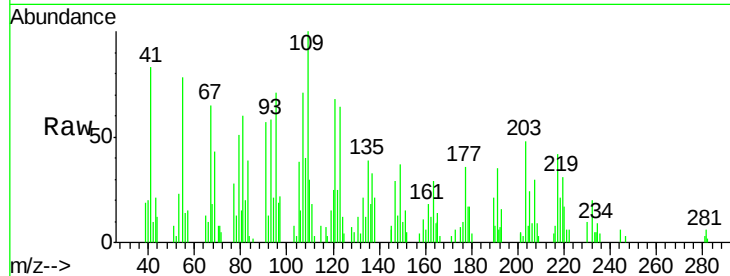




#93
 1,2,4-Trichlorobenzene
 Concen: 8.629 ug/l
 RT: 15.15 min Scan# 2173
 Delta R.T. 0.02 min
 Lab File: VW013205.D
 Acq: 21 Sep 2019 01:46

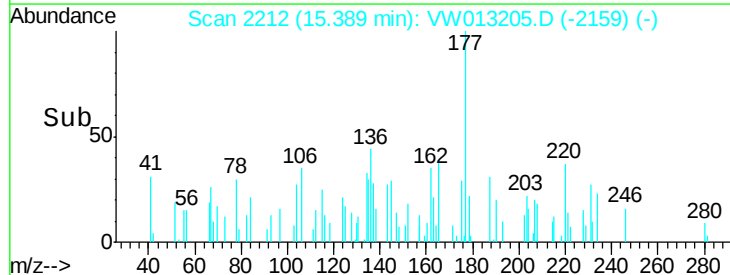
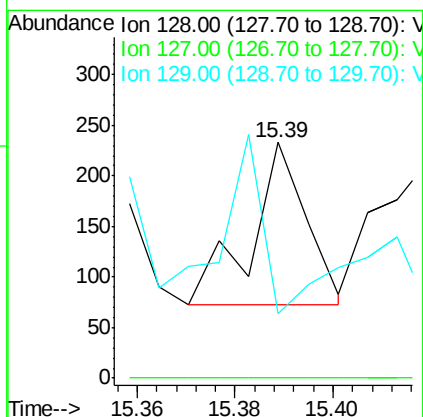
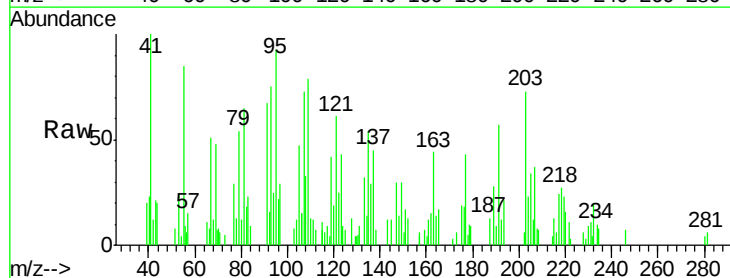
Instrument :
 MSVOA_W
 ClientSampleId :

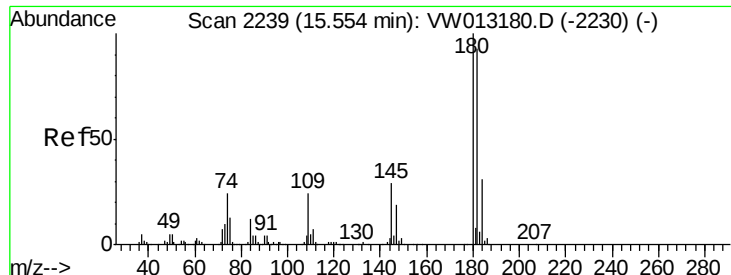
Tot Ion:180 Resp: 51
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 142.0#
 145 1082.4 14.2 42.8#



#95
 Naphthalene
 Concen: 12.827 ug/l
 RT: 15.39 min Scan# 2212
 Delta R.T. 0.02 min
 Lab File: VW013205.D
 Acq: 21 Sep 2019 01:46

Tgt Ion:128 Resp: 124
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 15.8#
 129 41.9 8.7 13.1#

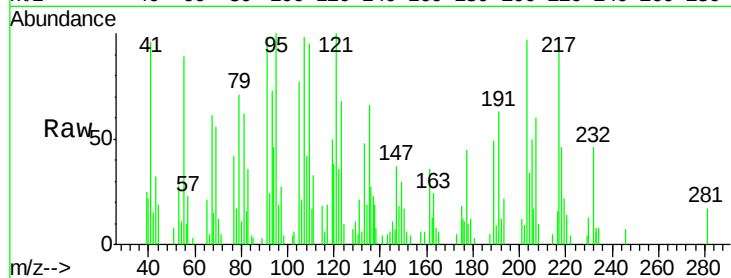




#96
 1,2,3-Trichlorobenzene
 Concen: 3.720 ug/l
 RT: 15.56 min Scan# 2240
 Delta R.T. 0.01 min
 Lab File: VW013205.D
 Acq: 21 Sep 2019 01:46

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.9	143.7#
145	0.0	15.0	45.0#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

