

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011119\
 Data File : VW008222.D
 Acq On : 12 Jan 2019 05:48
 Operator : SY/VA
 Sample : K1119-01RE
 Misc : 5.25G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DS-A

Quant Time: Jan 14 10:05:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	184530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	172755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74240	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	60372	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
35) Dibromofluoromethane	7.88	113	56312	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	
50) Toluene-d8	10.32	98	233797	51.77	ug/l	0.00
Spiked Amount			Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.62	95	80774	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	117	Below Cal	#	100
13) Acrolein	3.88	56	65	Below Cal	#	1
16) Acetone	4.13	43	554	Below Cal	#	83
20) Methylene Chloride	4.91	84	10801	4.979	ug/l	95
25) 2-Butanone	7.16	43	407	1.241	ug/l #	49
31) Cyclohexane	7.94	56	3205	1.292	ug/l #	28
36) 1,1-Dichloropropene	7.95	75	8702	4.578	ug/l #	49
38) Carbon Tetrachloride	7.95	117	11097	6.378	ug/l #	16
39) Methylcyclohexane	9.34	83	2828	1.173	ug/l	96
49) 1,4-Dioxane	9.48	88	19	1.882	ug/l #	1
52) Toluene	10.39	92	26265	7.977	ug/l	97
55) 1,1,2-Trichloroethane	10.76	97	5246	5.952	ug/l #	21
59) 2-Hexanone	11.03	43	2153	4.320	ug/l	64
67) Ethyl Benzene	11.73	91	89769	13.405	ug/l	97
68) m/p-Xylenes	11.84	106	148313	58.024	ug/l	97
69) o-Xylene	12.17	106	86611	36.591	ug/l	93
70) Styrene	12.17	104	4530	1.222	ug/l #	1
73) Isopropylbenzene	12.47	105	48406	8.305	ug/l	99
74) N-amyl acetate	12.26	43	14651	11.351	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.70	83	1102	1.181	ug/l #	28
76) 1,2,3-Trichloropropane	12.80	75	1282	1.894	ug/l #	1
78) n-propylbenzene	12.81	91	179951	25.198	ug/l	99
79) 2-Chlorotoluene	12.87	91	90186	22.635	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.94	105	229076	47.827	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	38410	132.163	ug/l #	10
82) 4-Chlorotoluene	12.94	91	24190	5.765	ug/l #	47
83) tert-Butylbenzene	13.26	119	120008	28.321	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.26	105	961062	194.549	ug/l	98
85) sec-Butylbenzene	13.39	105	102571	16.525	ug/l	88
86) p-Isopropyltoluene	13.51	119	58596	10.932	ug/l	98
89) n-Butylbenzene	13.83	91	115271	21.958	ug/l #	78
90) Hexachloroethane	14.10	117	35326	39.019	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.51	75	1185	7.893	ug/l #	26
95) Naphthalene	15.38	128	72433	26.612	ug/l #	93

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QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

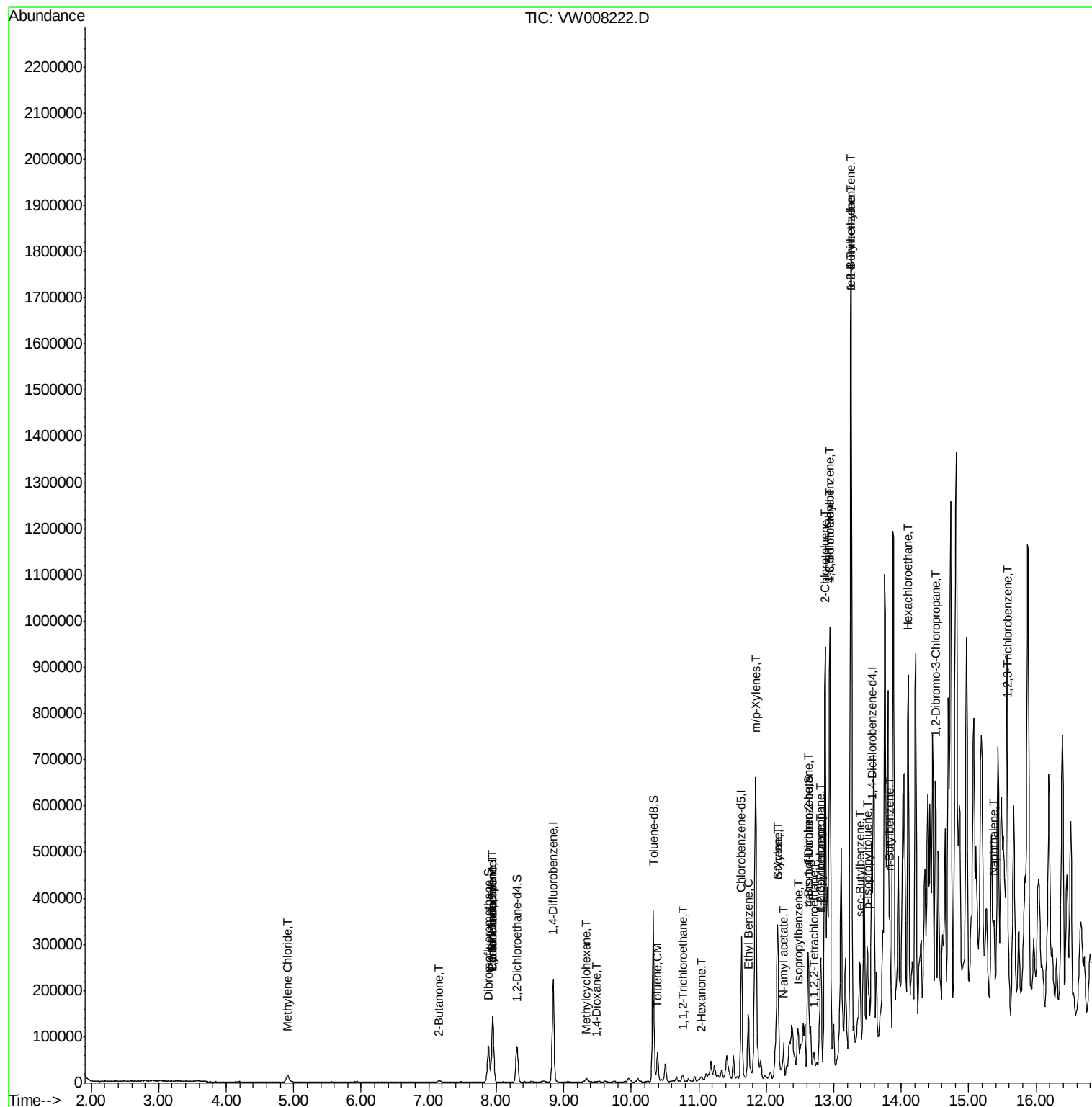
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.58	180	1601	1.288	ug/l #	1

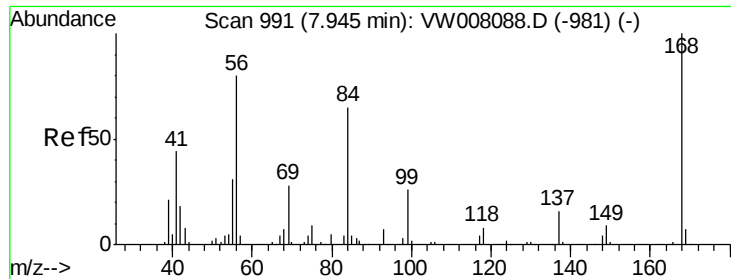
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

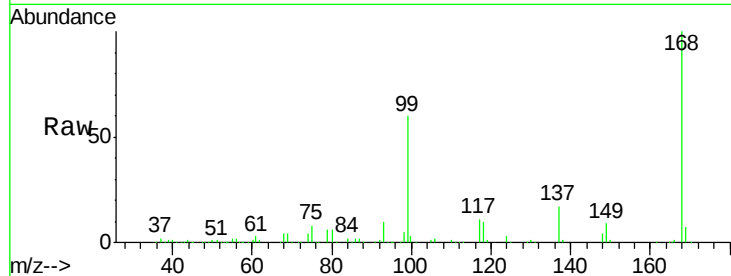
Instrument :
MSVOA_W
ClientSampled :
DS-A

Tgt Ion:168 Resp: 104866

Ion Ratio Lower Upper

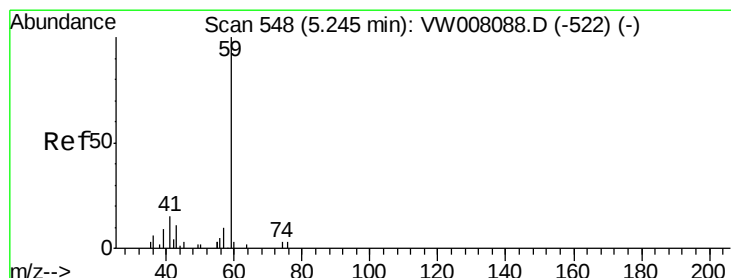
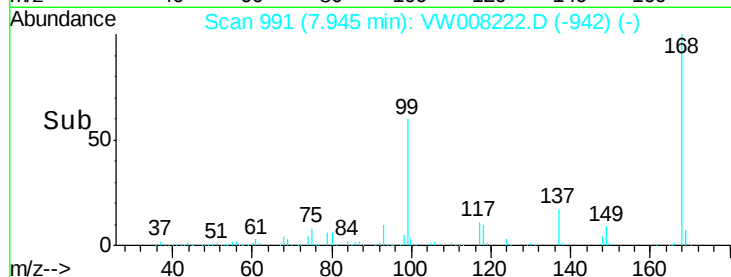
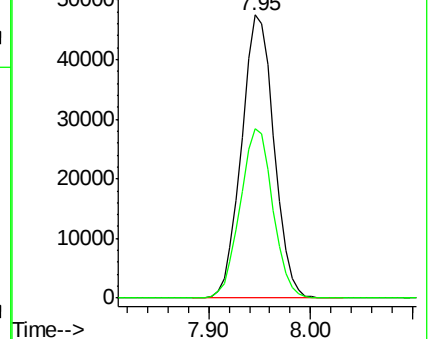
168 100

99 59.7 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.22 min Scan# 544

Delta R.T. -0.02 min

Lab File: VW008222.D

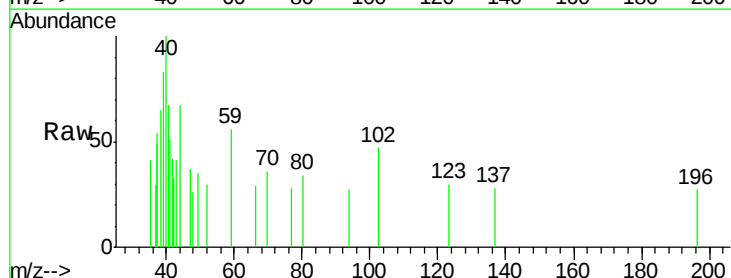
Acq: 12 Jan 2019 05:48

Tgt Ion: 59 Resp: 117

Ion Ratio Lower Upper

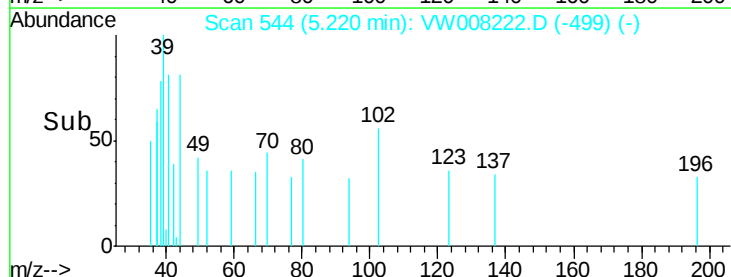
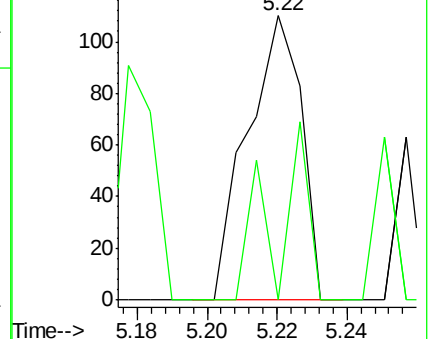
59 100

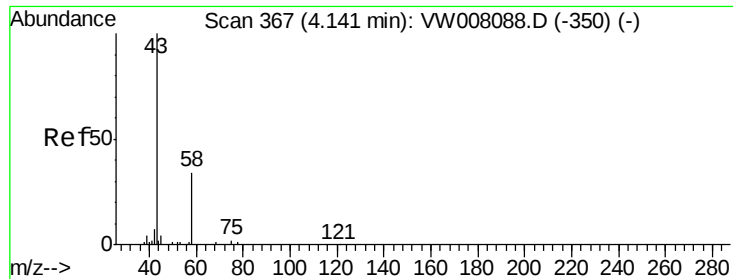
57 17.1 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

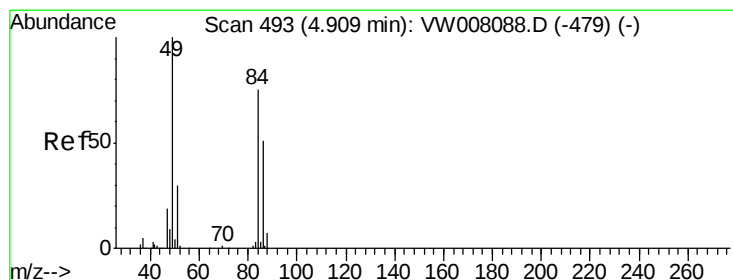
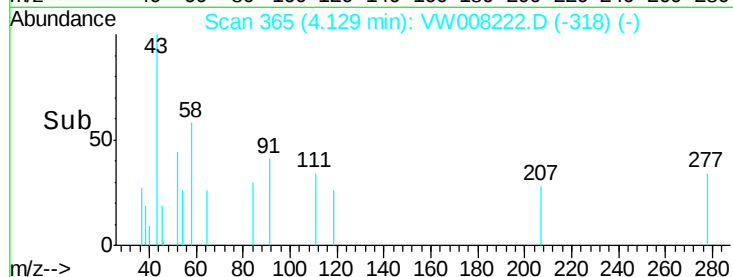
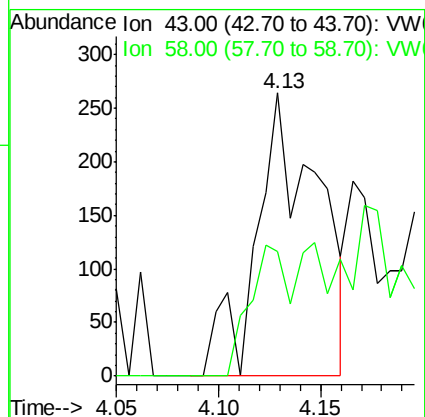
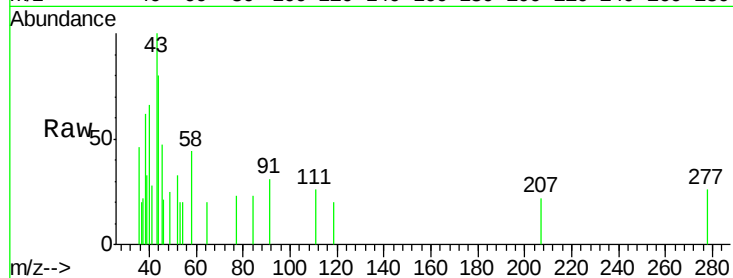




#16
Acetone
Concen: Below Cal
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW008222.D
Acq: 12 Jan 2019 05:48

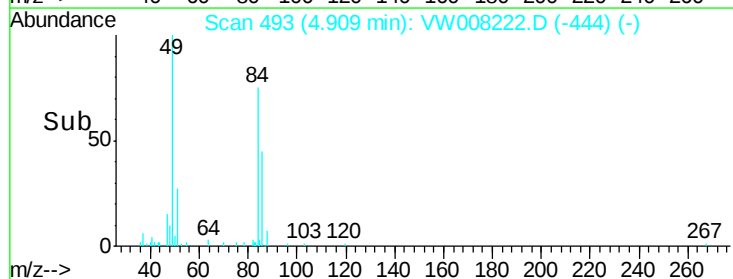
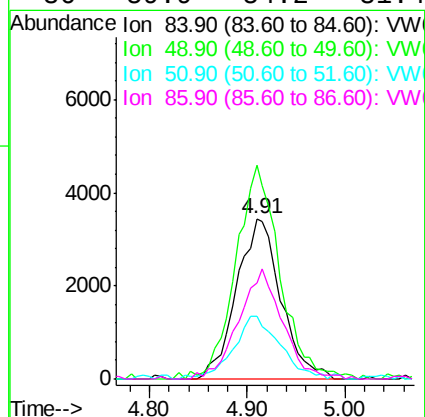
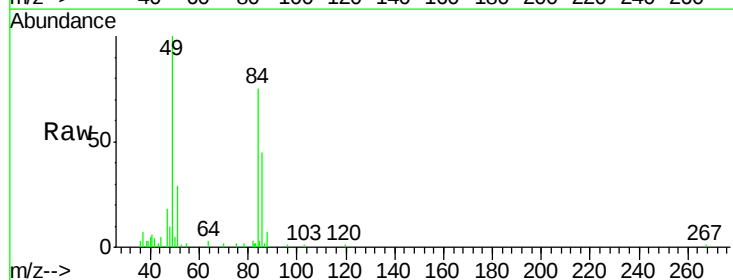
Instrument :
MSVOA_W
ClientSampled :
DS-A

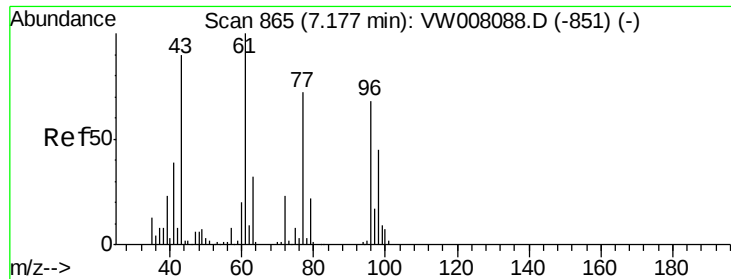
Tgt Ion: 43 Resp: 554
Ion Ratio Lower Upper
43 100
58 43.9 27.5 41.3#



#20
Methylene Chloride
Concen: 4.979 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008222.D
Acq: 12 Jan 2019 05:48

Tgt Ion: 84 Resp: 10801
Ion Ratio Lower Upper
84 100
49 131.3 107.1 160.7
51 37.3 32.4 48.6
86 59.9 54.2 81.4





#25

2-Butanone

Concen: 1.241 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

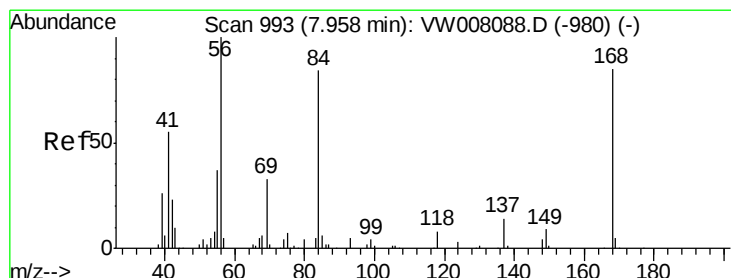
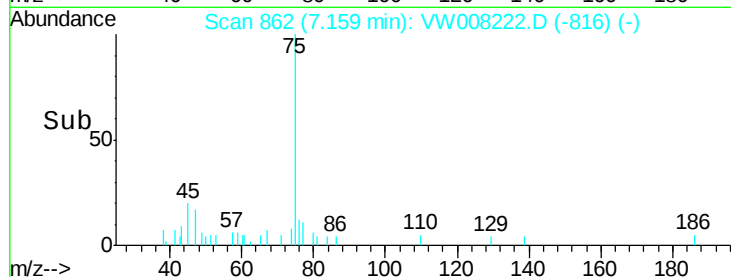
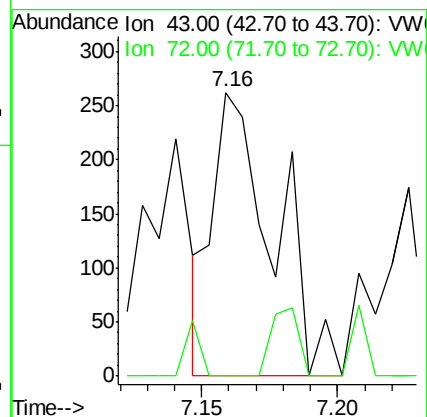
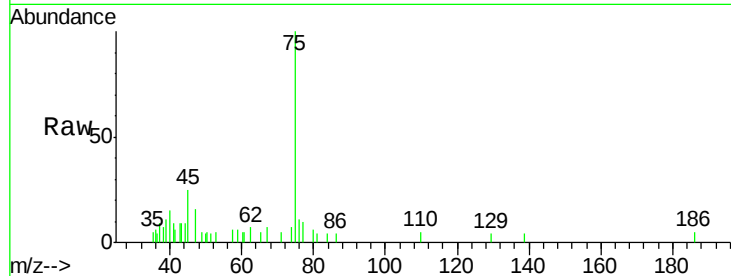
DS-A

Tgt Ion: 43 Resp: 407

Ion Ratio Lower Upper

43 100

72 0.0 20.5 30.7#



#31

Cyclohexane

Concen: 1.292 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

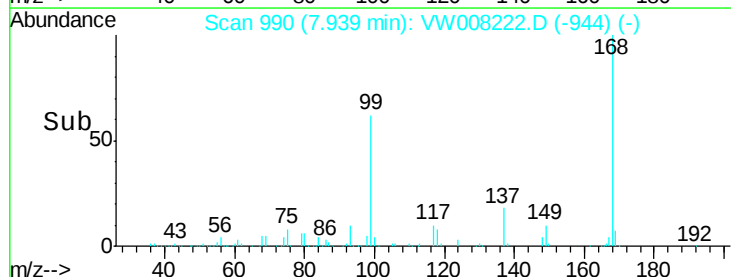
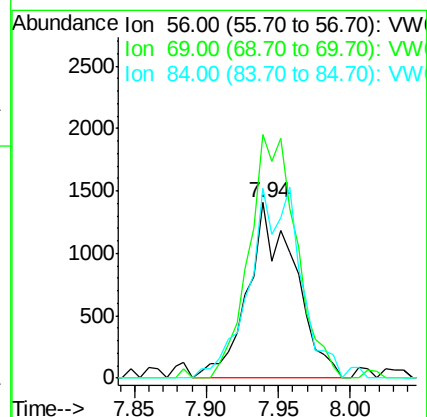
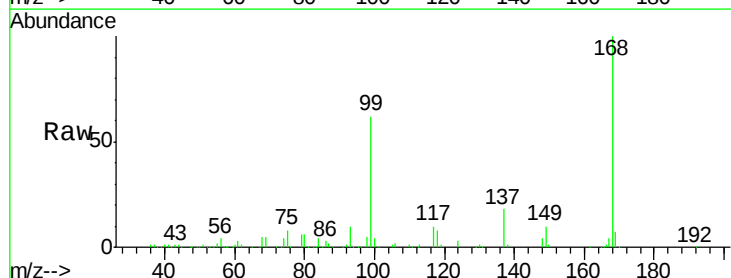
Tgt Ion: 56 Resp: 3205

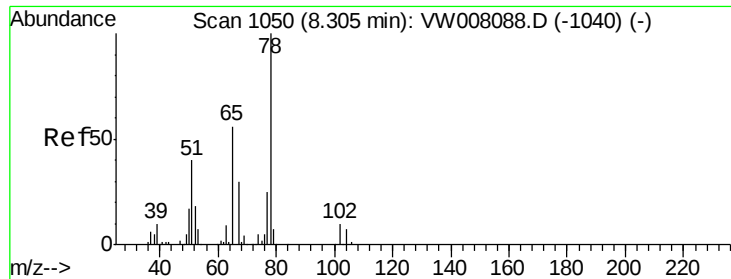
Ion Ratio Lower Upper

56 100

69 138.7 26.2 39.4#

84 108.4 67.4 101.2#

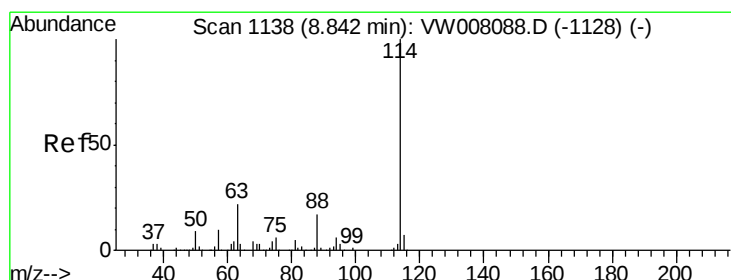
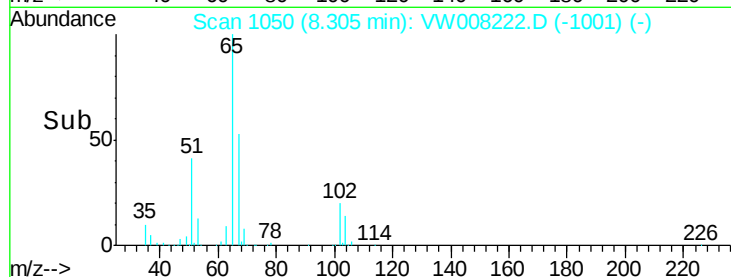
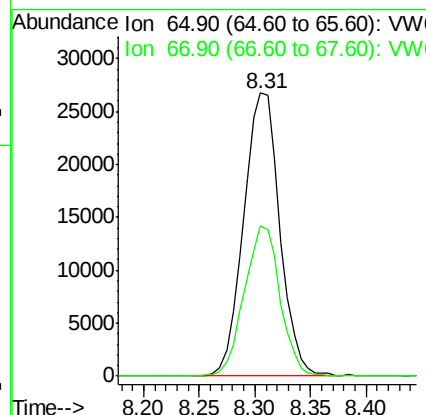
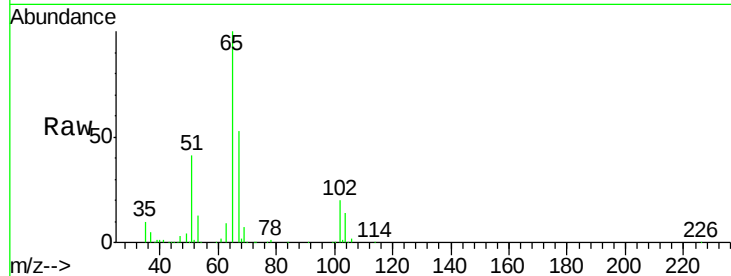




#33
 1,2-Dichloroethane-d4
 Concen: 51.223 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008222.D
 Acq: 12 Jan 2019 05:48

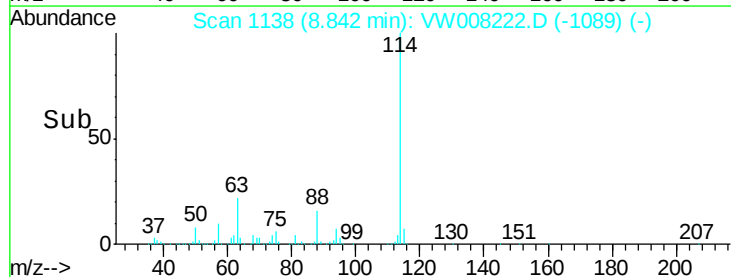
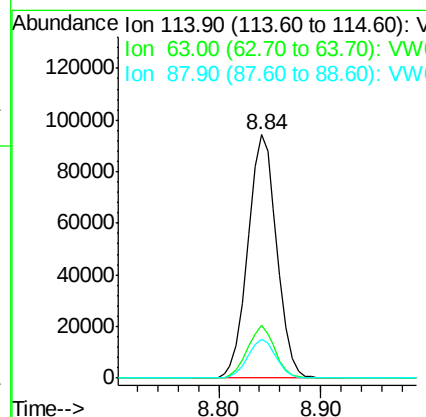
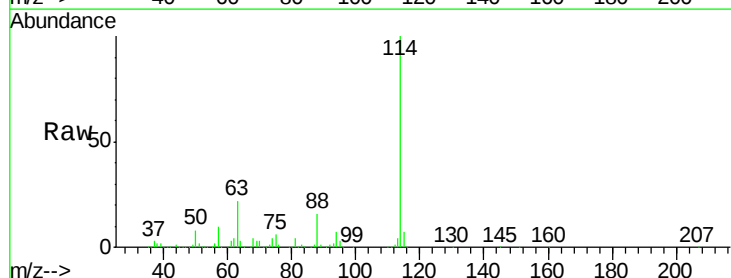
Instrument :
 MSVOA_W
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 DS-A

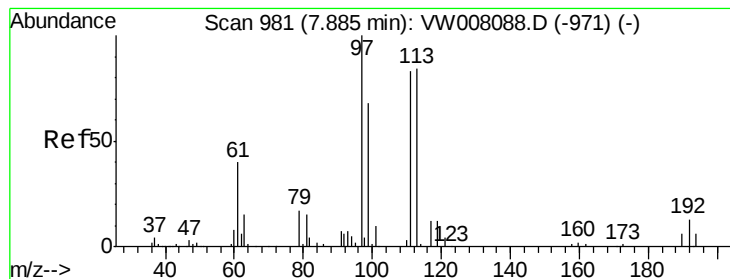
Tgt Ion: 65 Resp: 60372
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008222.D
 Acq: 12 Jan 2019 05:48

Tgt Ion: 114 Resp: 184530
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.322 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

DS-A

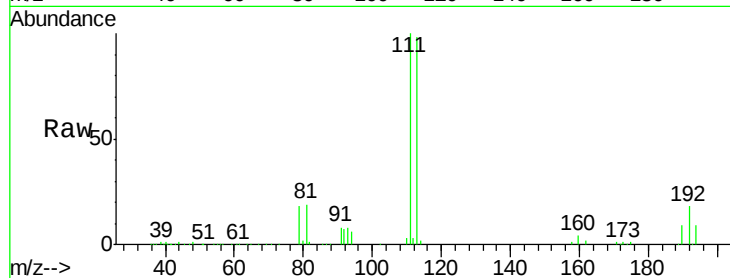
Tgt Ion:113 Resp: 56312

Ion Ratio Lower Upper

113 100

111 105.2 81.8 122.8

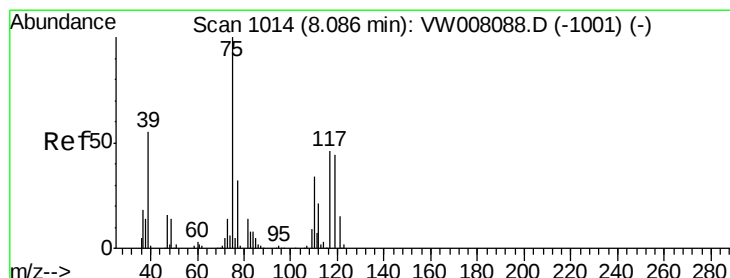
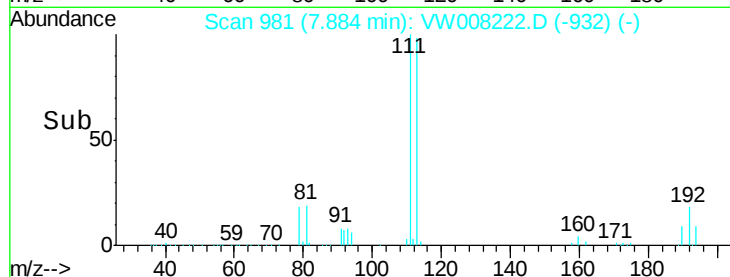
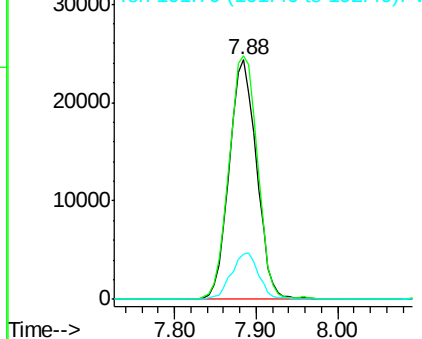
192 19.3 12.8 19.2#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.578 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

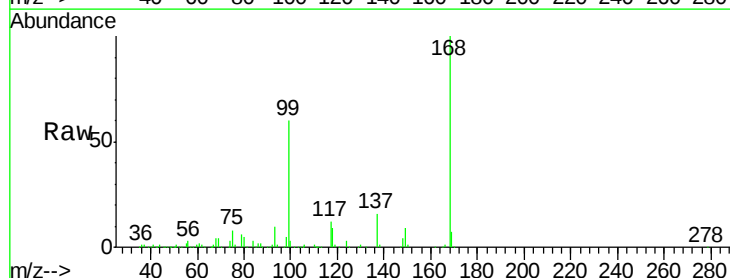
Tgt Ion: 75 Resp: 8702

Ion Ratio Lower Upper

75 100

110 8.0 17.1 51.3#

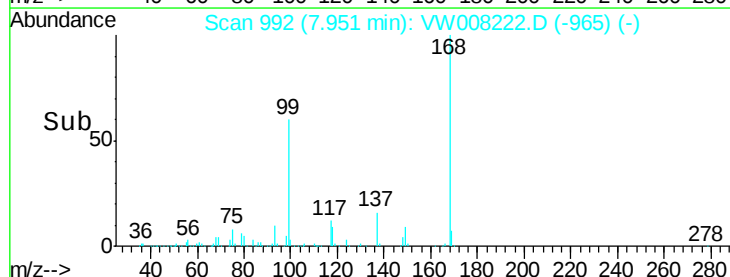
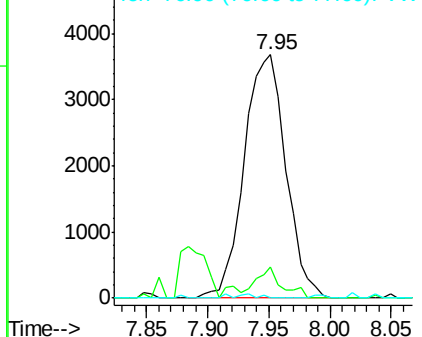
77 0.0 25.5 38.3#

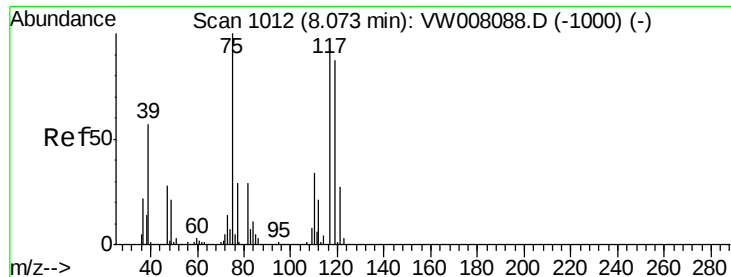


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.378 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

Instrument :

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ClientSampleId :

DS-A

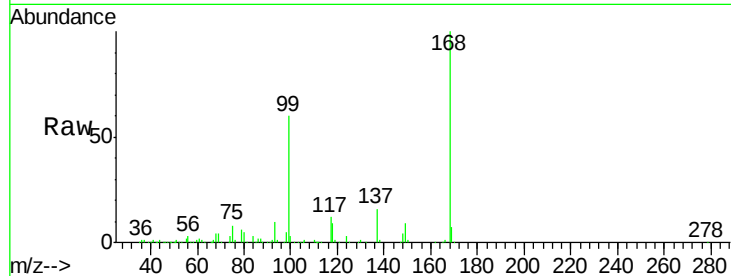
Tgt Ion:117 Resp: 11097

Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.8#

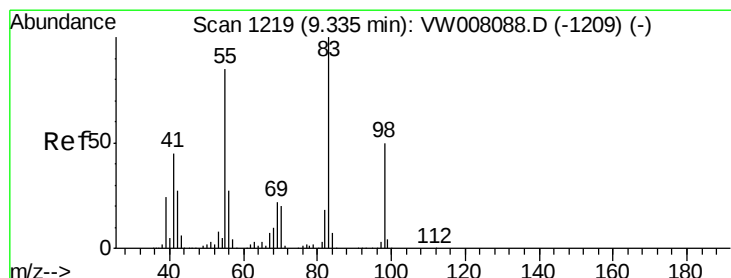
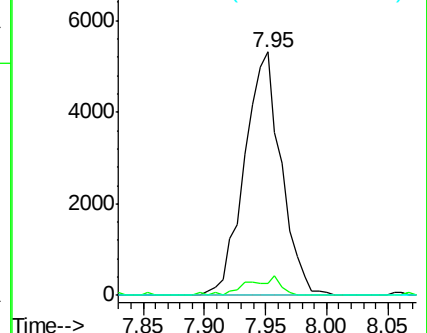
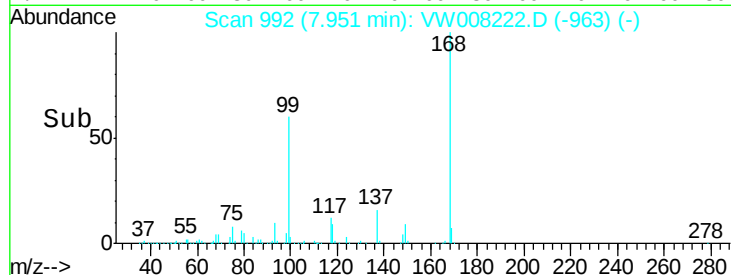
121 0.0 23.7 35.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.173 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. 0.01 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

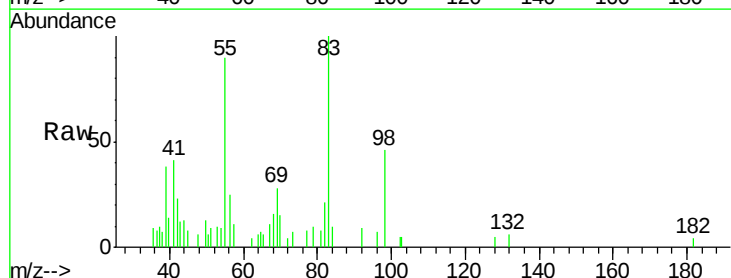
Tgt Ion: 83 Resp: 2828

Ion Ratio Lower Upper

83 100

55 82.5 67.8 101.6

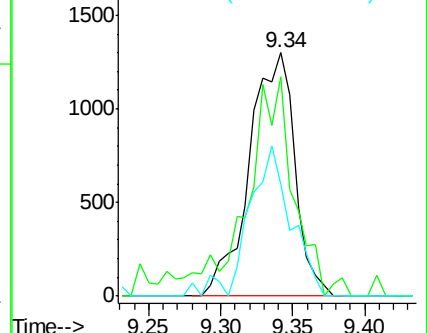
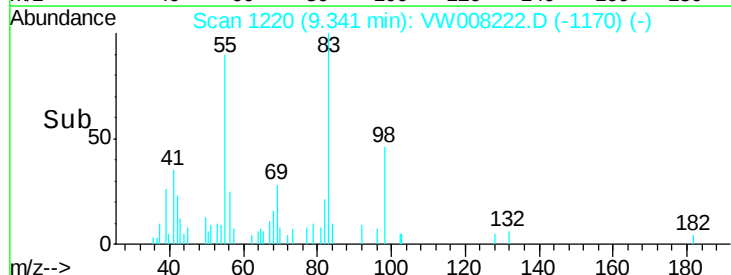
98 46.0 40.2 60.4

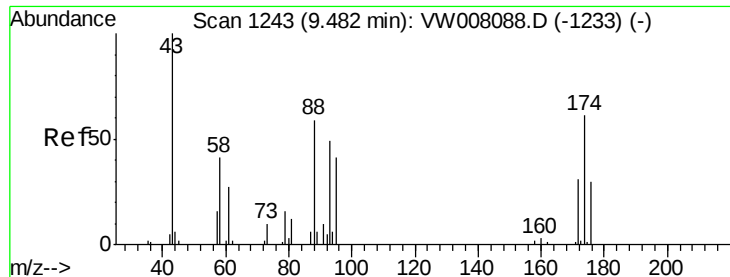


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#49

1,4-Dioxane

Concen: 1.882 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

DS-A

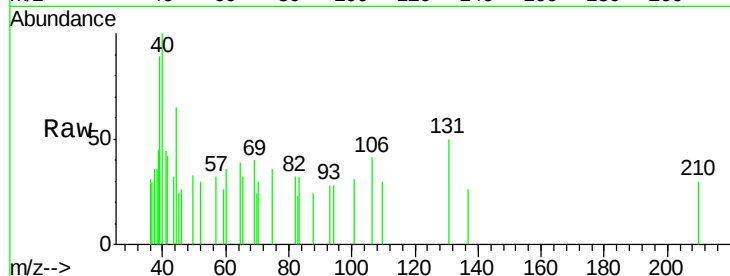
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 121.1 0.0 0.0#

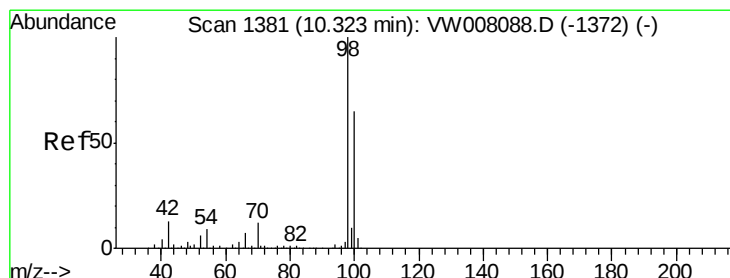
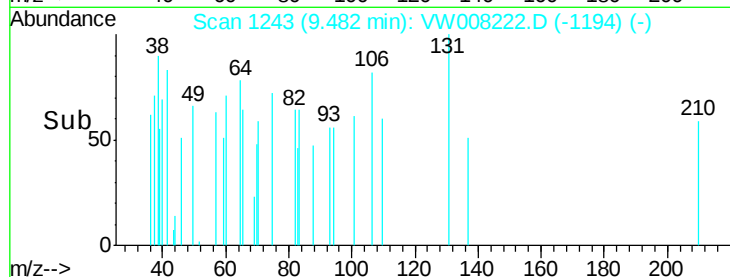
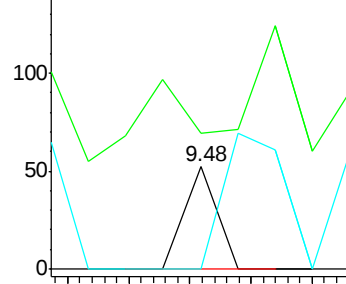
58 363.2 61.7 92.5#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.767 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008222.D

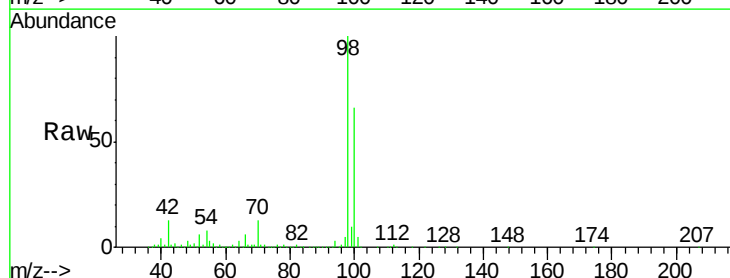
Acq: 12 Jan 2019 05:48

Tgt Ion: 98 Resp: 233797

Ion Ratio Lower Upper

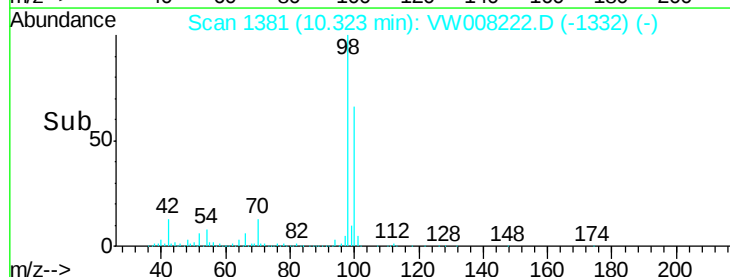
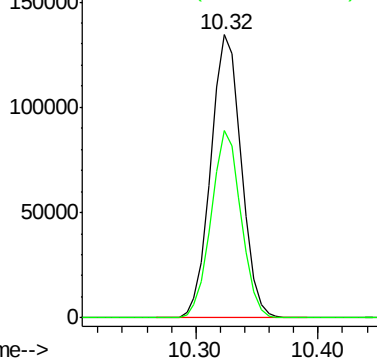
98 100

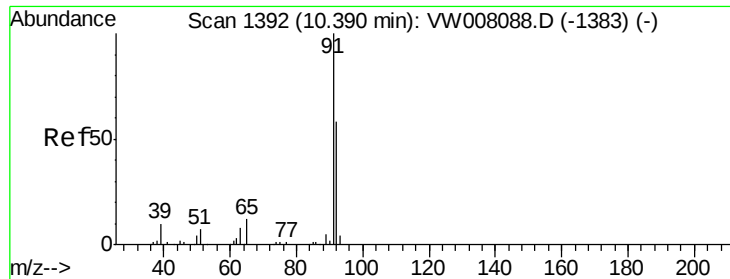
100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 7.977 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

Instrument :

MSVOA_W

ClientSampled :

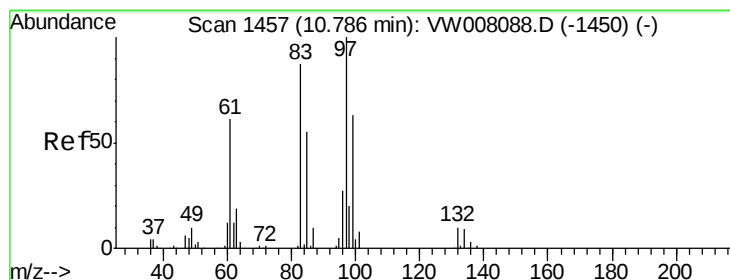
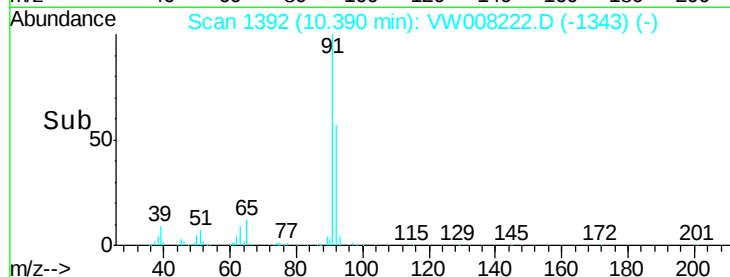
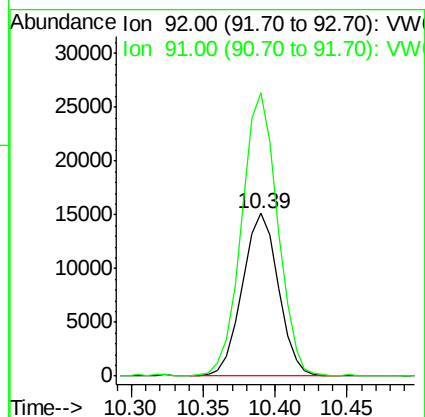
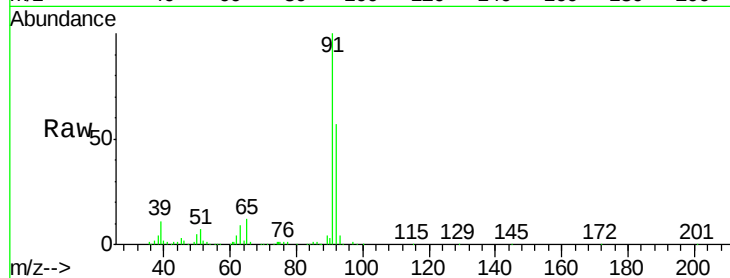
DS-A

Tgt Ion: 92 Resp: 26265

Ion Ratio Lower Upper

92 100

91 174.7 137.0 205.4



#55

1,1,2-Trichloroethane

Concen: 5.952 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

Tgt Ion: 97 Resp: 5246

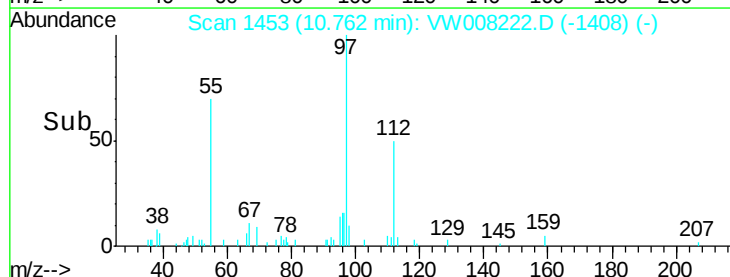
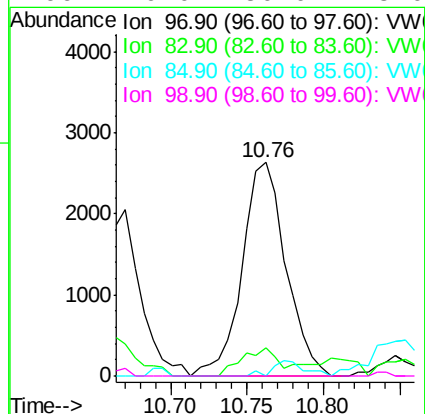
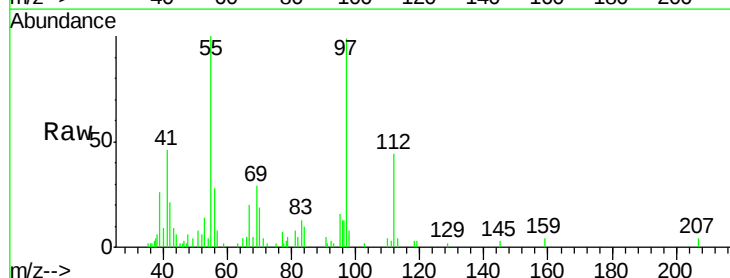
Ion Ratio Lower Upper

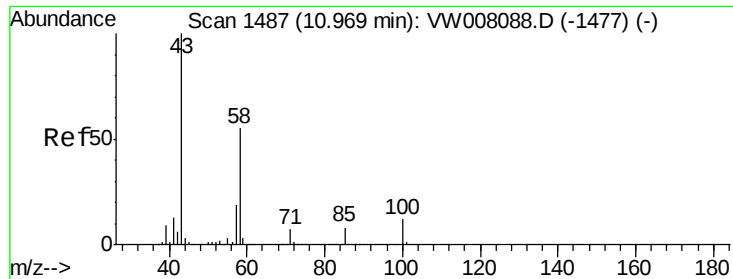
97 100

83 13.4 69.3 103.9#

85 0.0 43.8 65.6#

99 0.0 50.0 75.0#

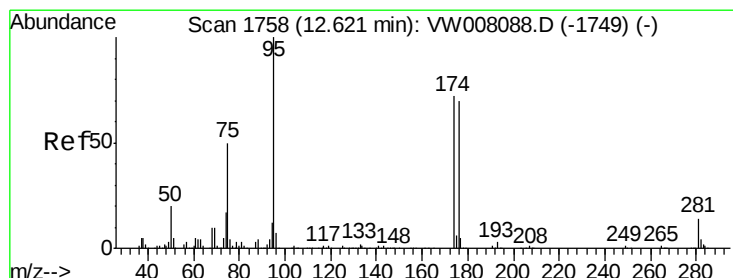
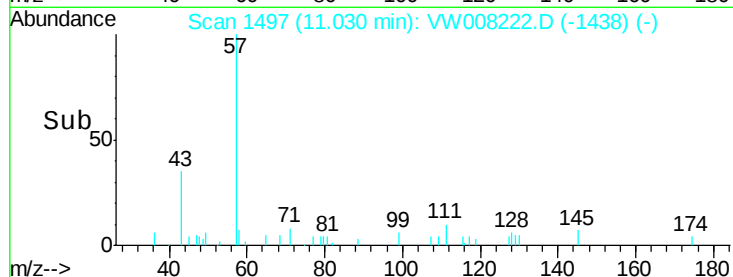
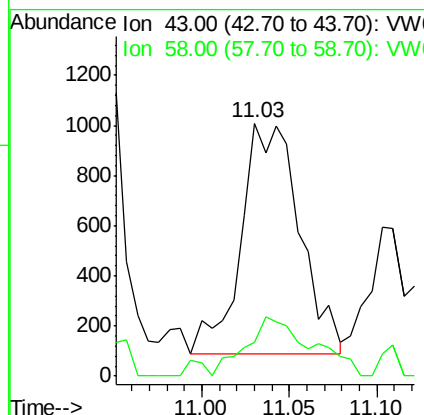
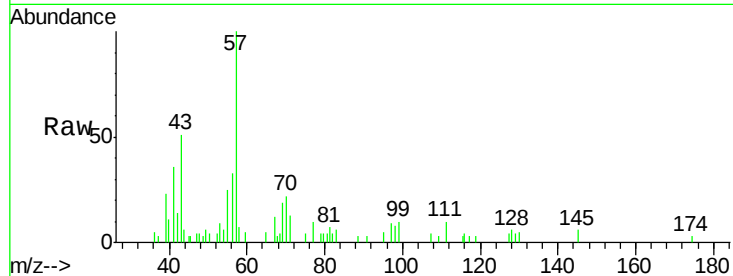




#59
2-Hexanone
Concen: 4.320 ug/l
RT: 11.03 min Scan# 1497
Delta R.T. 0.06 min
Lab File: VW008222.D
Acq: 12 Jan 2019 05:48

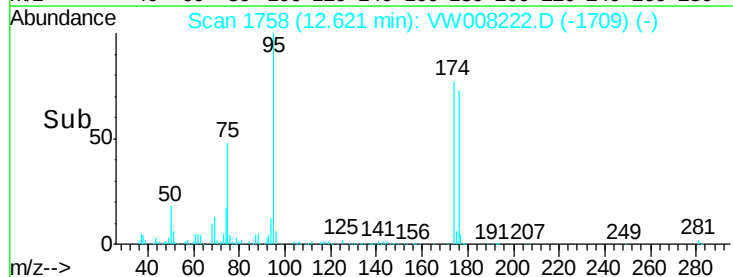
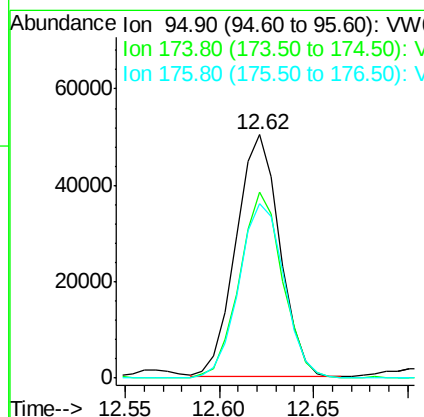
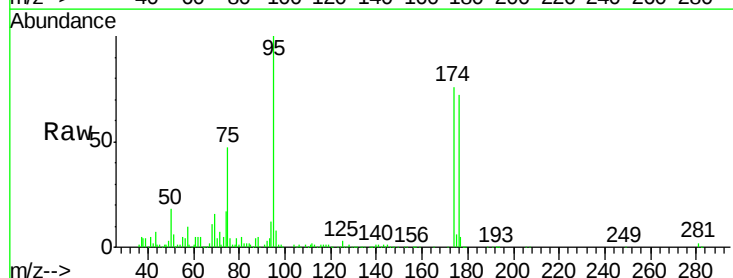
Instrument :
MSVOA_W
ClientSampleId :
DS-A

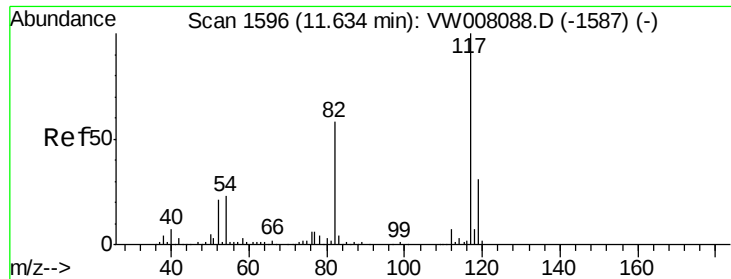
Tgt Ion: 43 Resp: 2153
Ion Ratio Lower Upper
43 100
58 28.8 27.2 81.5



#62
4-Bromofluorobenzene
Concen: 49.888 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008222.D
Acq: 12 Jan 2019 05:48

Tgt Ion: 95 Resp: 80774
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.0
176 74.6 0.0 140.2

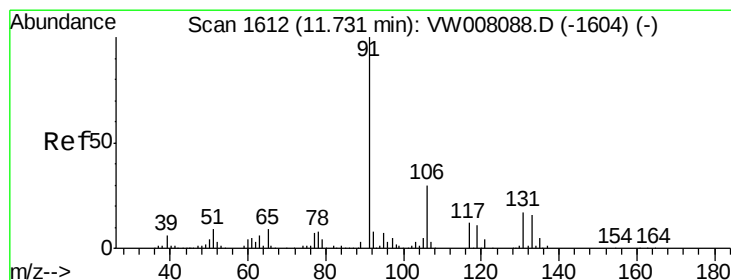
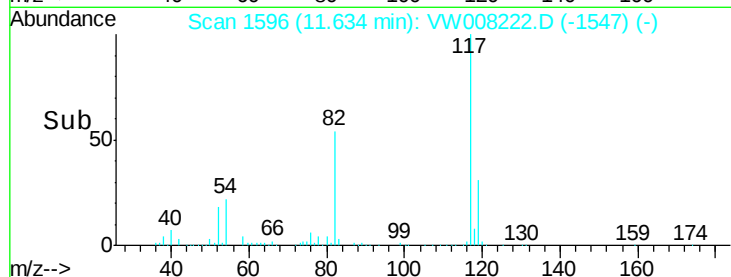
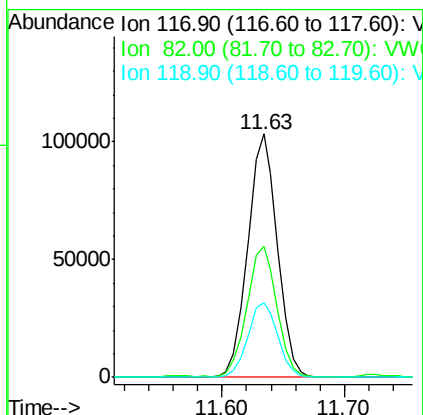
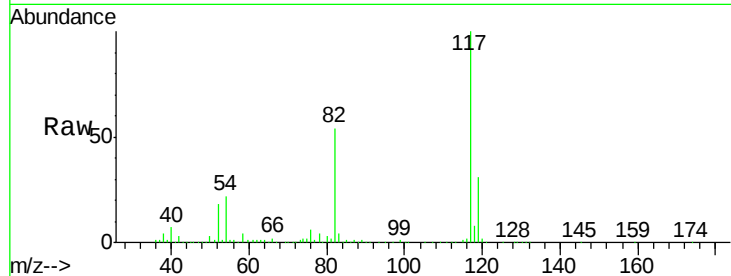




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008222.D
Acq: 12 Jan 2019 05:48

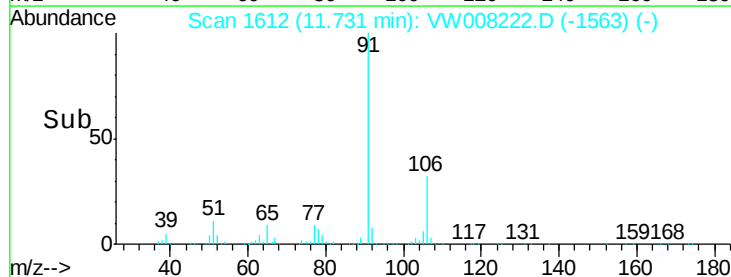
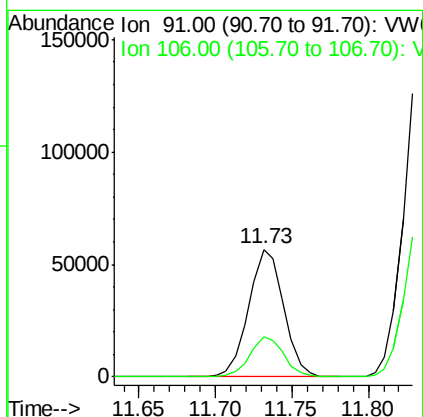
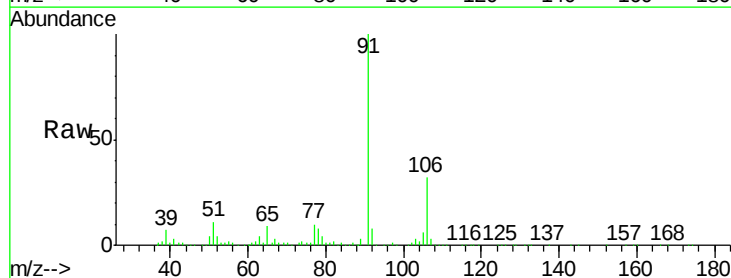
Instrument :
MSVOA_W
ClientSampled :
DS-A

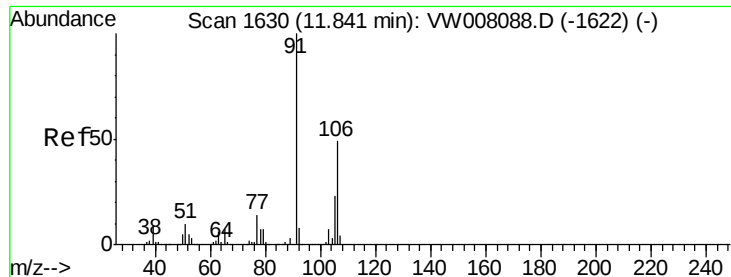
Tgt Ion: 117 Resp: 172755
Ion Ratio Lower Upper
117 100
82 53.9 46.4 69.6
119 30.7 24.7 37.1



#67
Ethyl Benzene
Concen: 13.405 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008222.D
Acq: 12 Jan 2019 05:48

Tgt Ion: 91 Resp: 89769
Ion Ratio Lower Upper
91 100
106 32.0 24.2 36.4

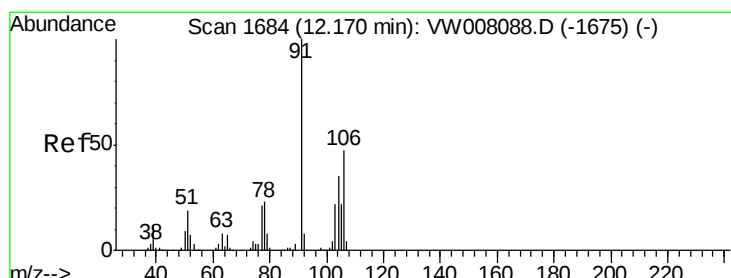
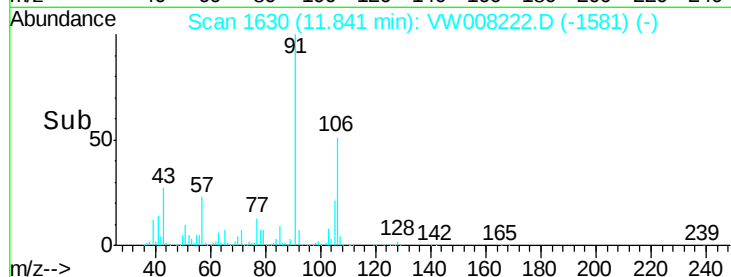
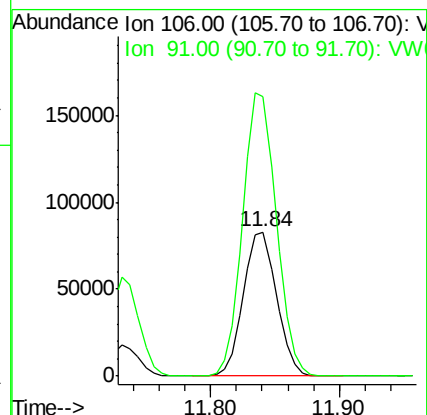
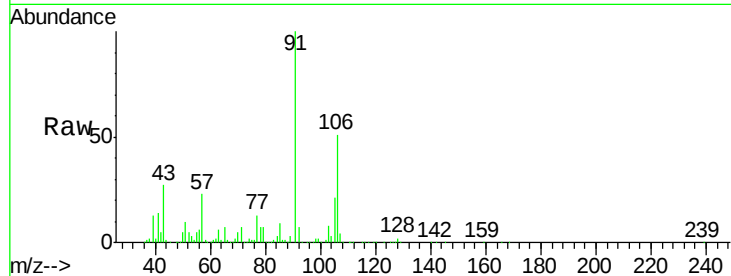




#68
m/p-Xylenes
Concen: 58.024 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008222.D
Acq: 12 Jan 2019 05:48

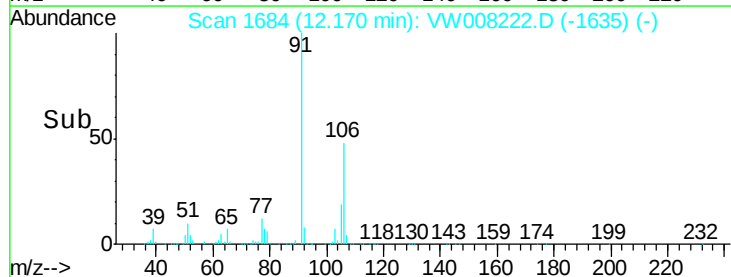
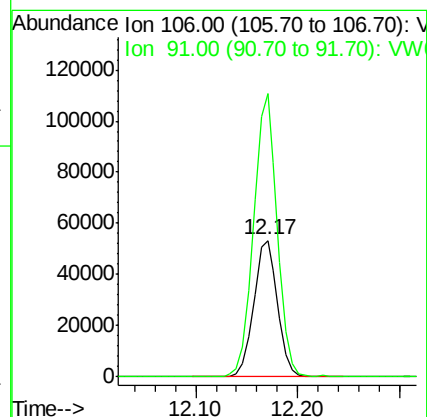
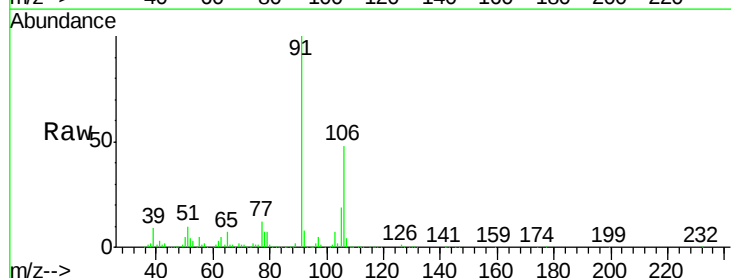
Instrument :
MSVOA_W
ClientSampled :
DS-A

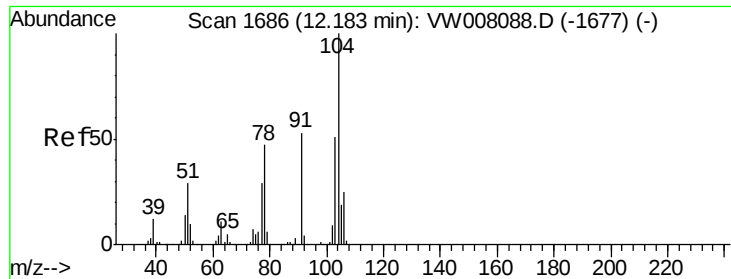
Tgt Ion:106 Resp: 148313
Ion Ratio Lower Upper
106 100
91 198.4 162.4 243.6



#69
o-Xylene
Concen: 36.591 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008222.D
Acq: 12 Jan 2019 05:48

Tgt Ion:106 Resp: 86611
Ion Ratio Lower Upper
106 100
91 204.3 107.8 323.6





#70

Styrene

Concen: 1.222 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. -0.01 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

Instrument :

MSVOA_W

ClientSampled :

DS-A

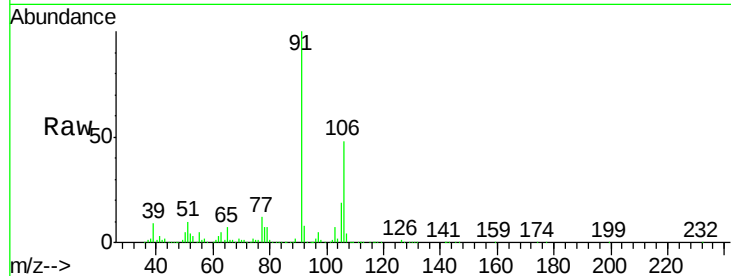
Tgt Ion:104 Resp: 4530

Ion Ratio Lower Upper

104 100

78 290.5 41.8 62.8#

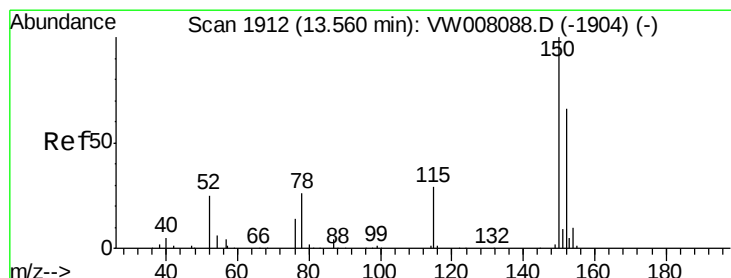
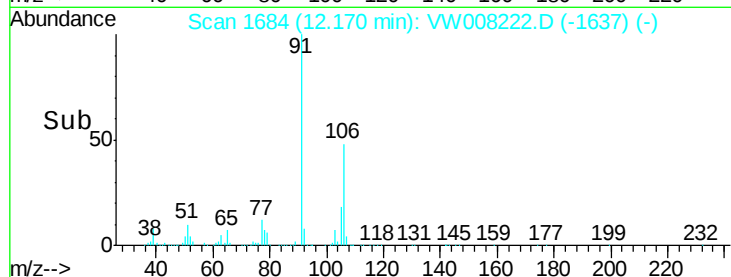
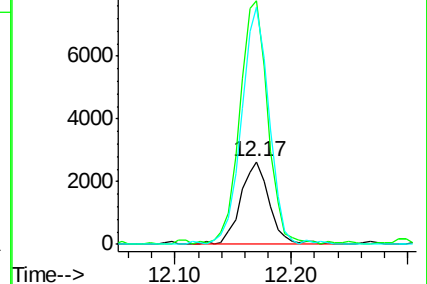
103 274.6 43.8 65.8#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

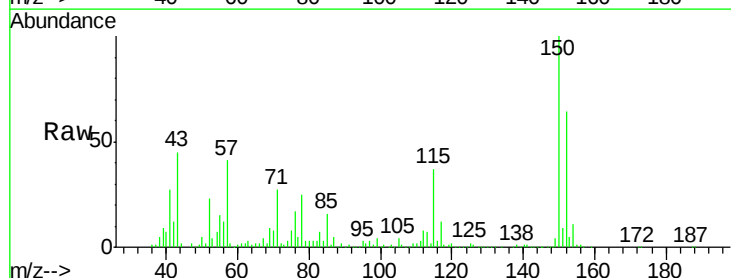
Tgt Ion:152 Resp: 74240

Ion Ratio Lower Upper

152 100

115 77.1 30.8 92.4

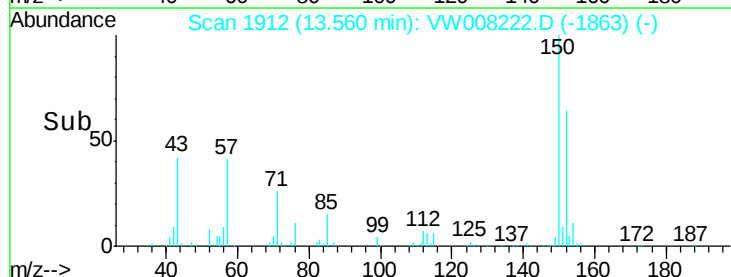
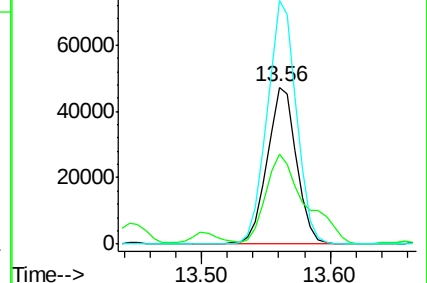
150 154.9 0.0 350.2

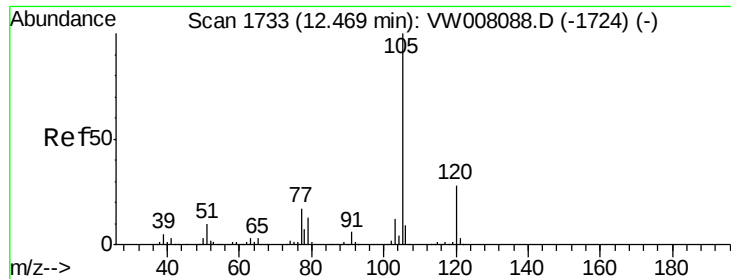


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 8.305 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

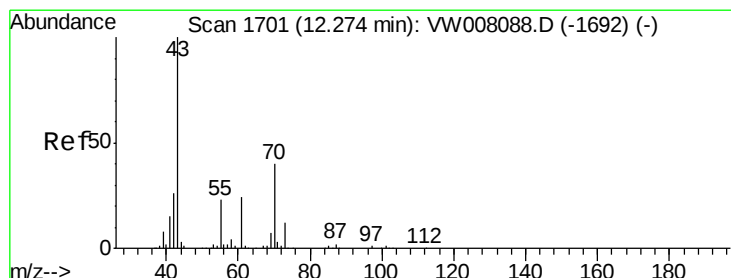
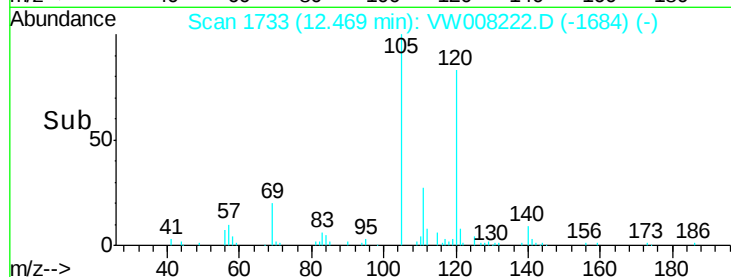
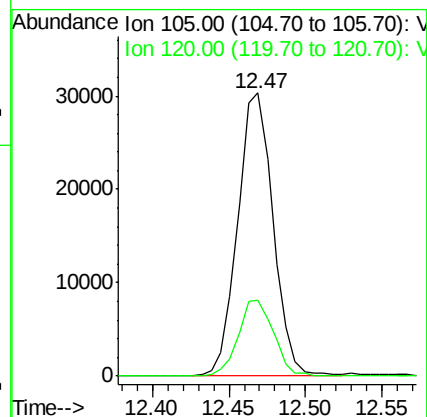
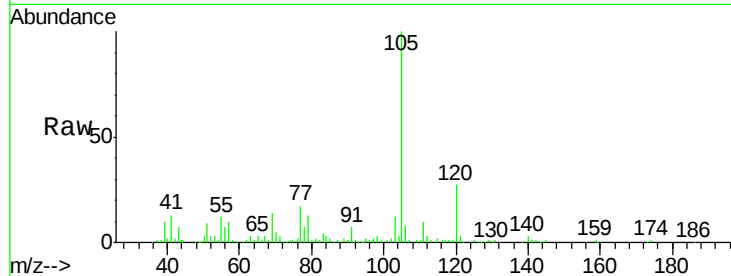
DS-A

Tgt Ion: 105 Resp: 48406

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.8



#74

N-ethyl acetate

Concen: 11.351 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

Tgt Ion: 43 Resp: 14651

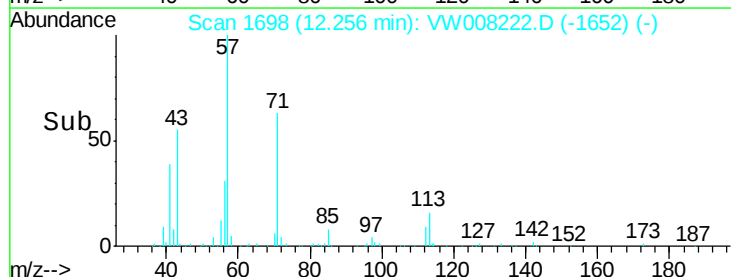
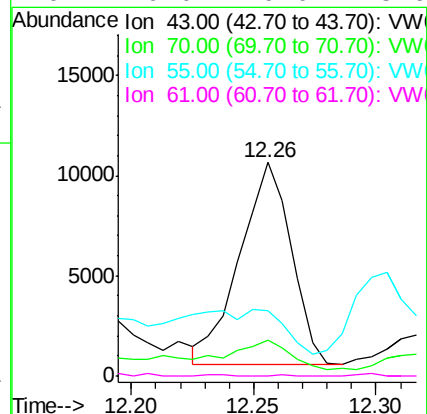
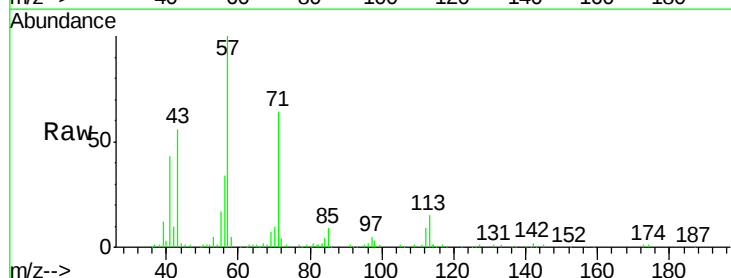
Ion Ratio Lower Upper

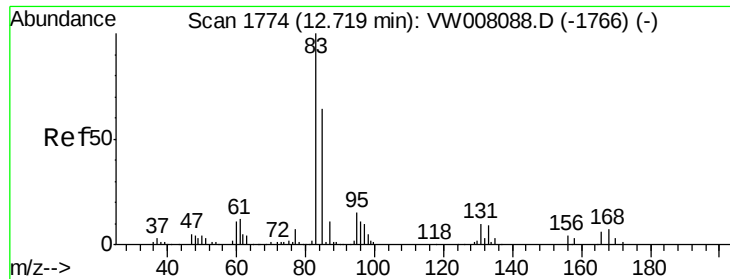
43 100

70 16.2 32.4 48.6#

55 0.0 18.7 28.1#

61 0.0 19.0 28.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.181 ug/l

RT: 12.70 min Scan# 1771

Delta R.T. -0.02 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

DS-A

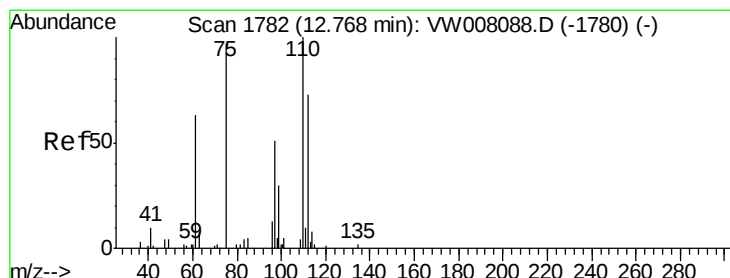
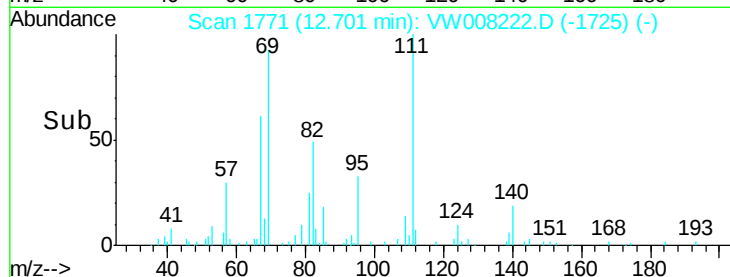
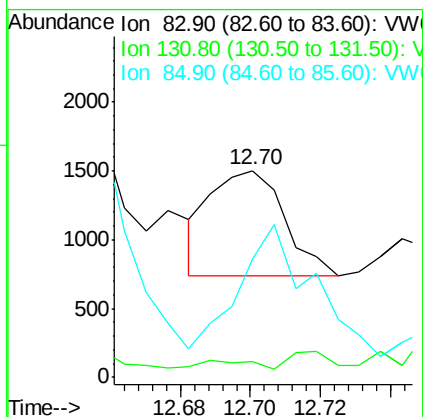
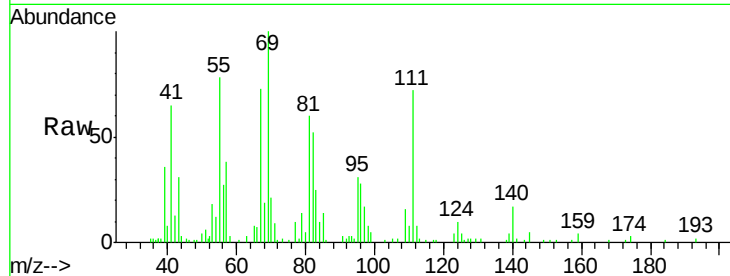
Tgt Ion: 83 Resp: 1102

Ion Ratio Lower Upper

83 100

131 6.4 5.3 16.1

85 0.0 32.4 97.2#



#76

1,2,3-Trichloropropane

Concen: 1.894 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.04 min

Lab File: VW008222.D

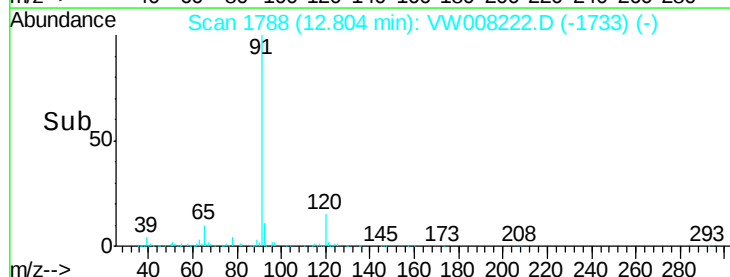
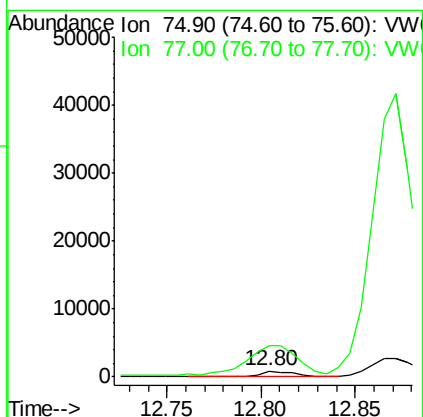
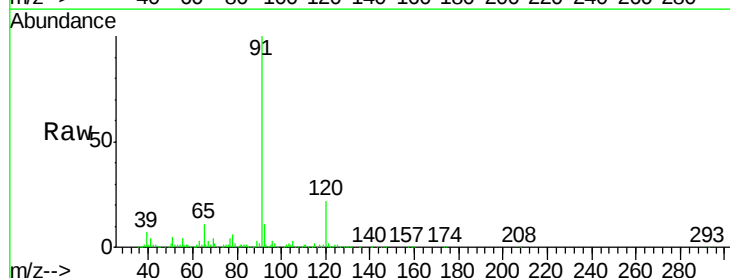
Acq: 12 Jan 2019 05:48

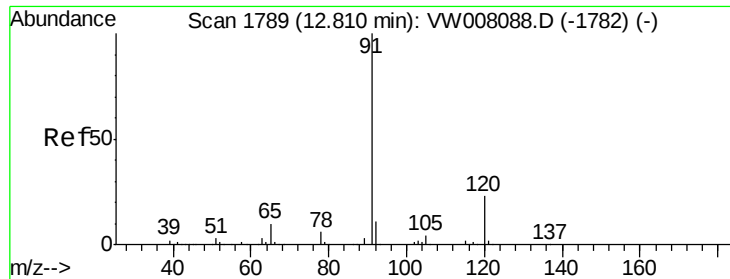
Tgt Ion: 75 Resp: 1282

Ion Ratio Lower Upper

75 100

77 633.4 179.4 538.2#





#78

n-propylbenzene

Concen: 25.198 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

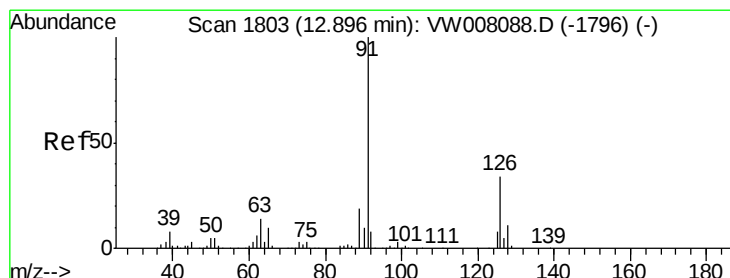
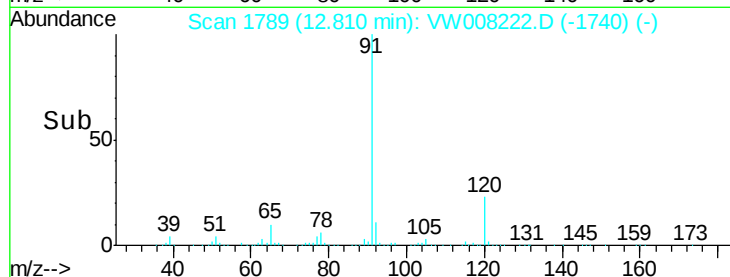
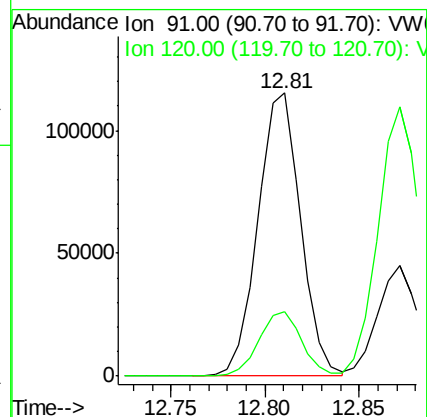
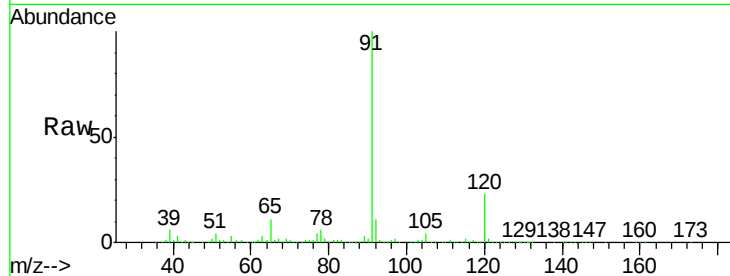
DS-A

Tgt Ion: 91 Resp: 179951

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.8



#79

2-Chlorotoluene

Concen: 22.635 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.02 min

Lab File: VW008222.D

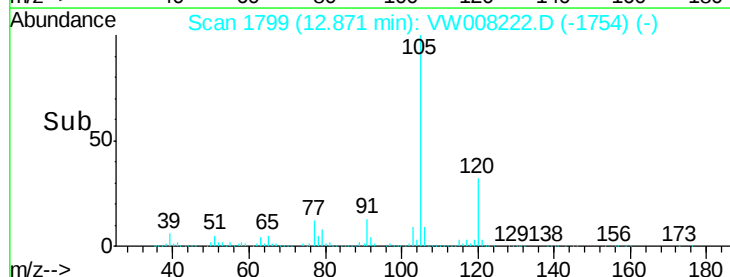
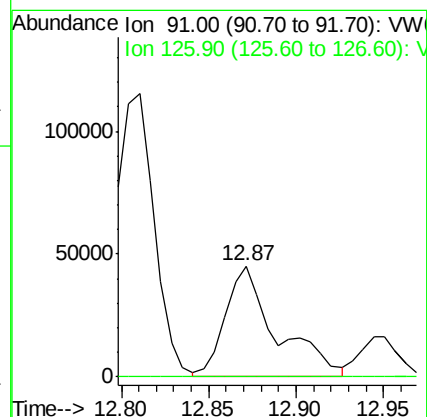
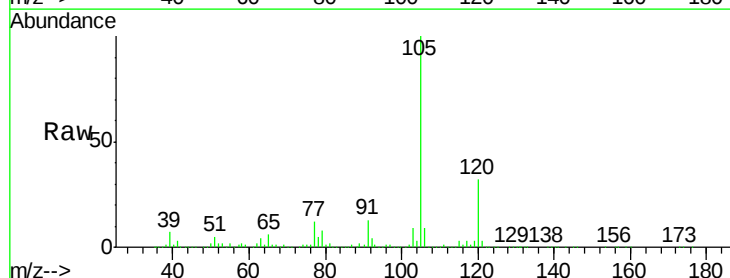
Acq: 12 Jan 2019 05:48

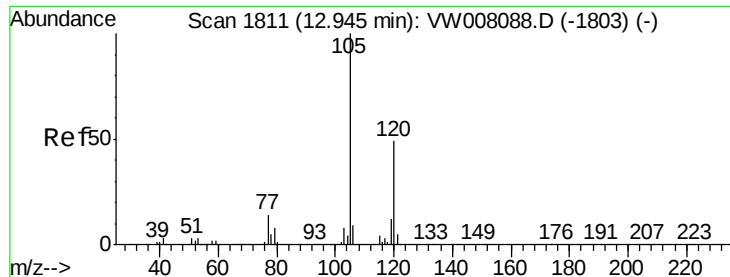
Tgt Ion: 91 Resp: 90186

Ion Ratio Lower Upper

91 100

126 0.1 16.8 50.3#

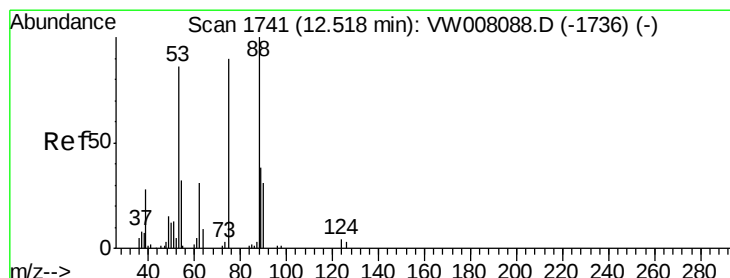
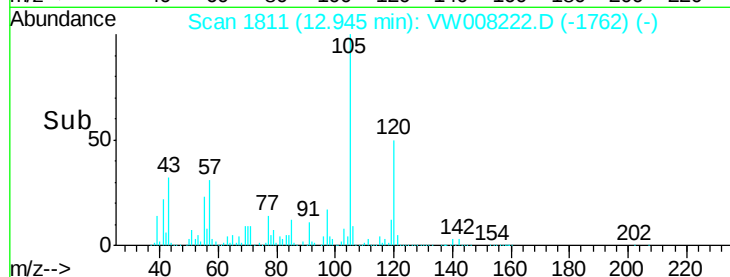
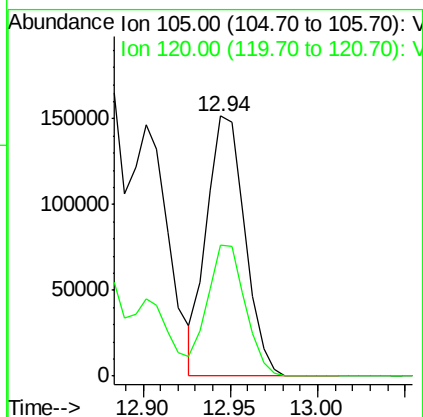
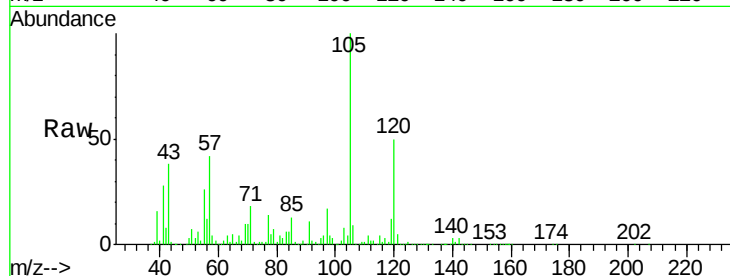




#80
 1,3,5-Trimethylbenzene
 Concen: 47.827 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008222.D
 Acq: 12 Jan 2019 05:48

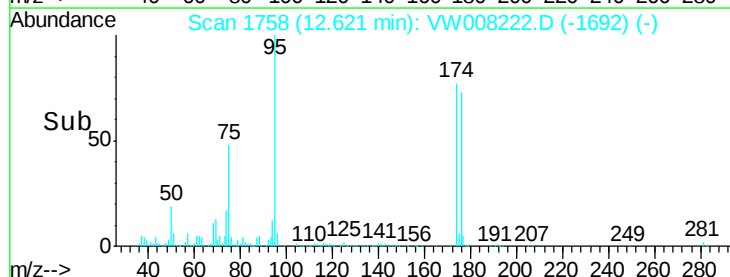
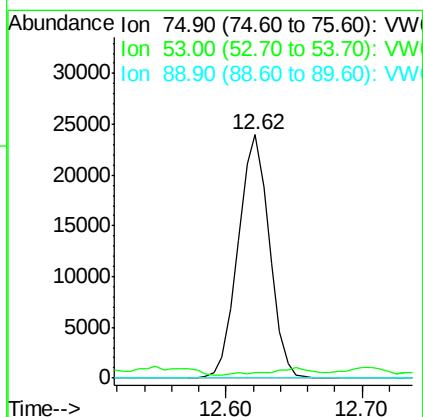
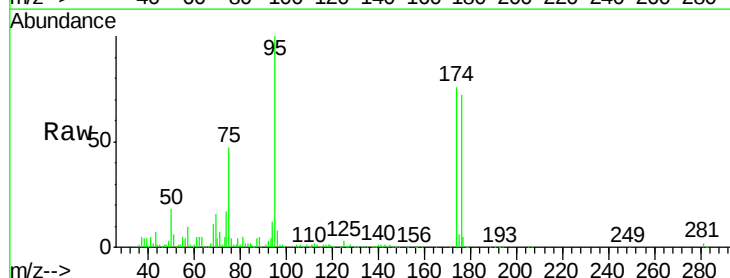
Instrument :
 MSVOA_W
 ClientSampleId :
 DS-A

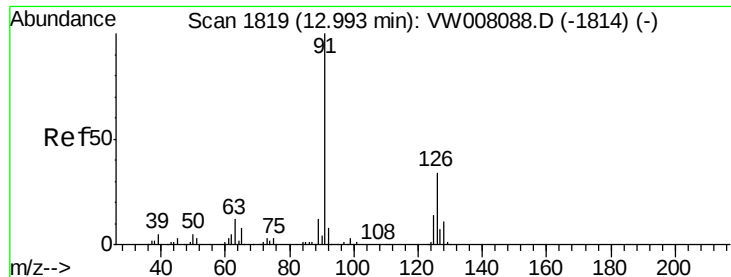
Tgt Ion: 105 Resp: 229076
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.163 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW008222.D
 Acq: 12 Jan 2019 05:48

Tgt Ion: 75 Resp: 38410
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.8 118.2#
 89 0.0 35.4 53.2#





#82

4-Chlorotoluene

Concen: 5.765 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

Instrument :

MSVOA_W

ClientSampleId :

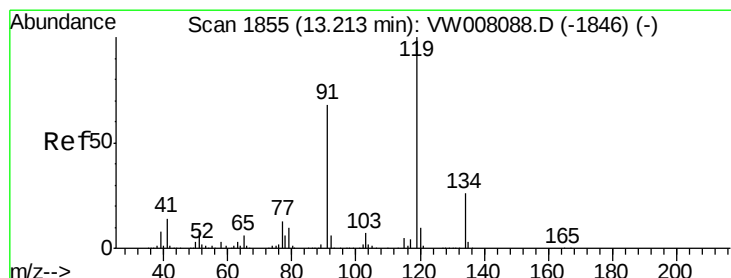
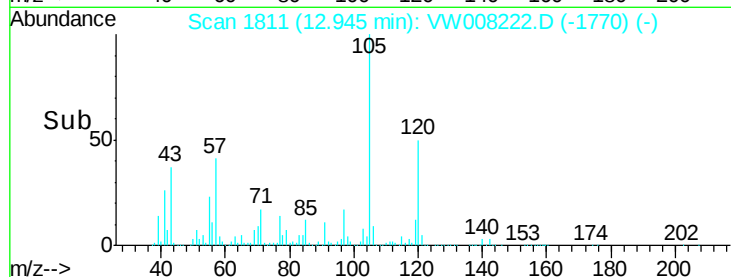
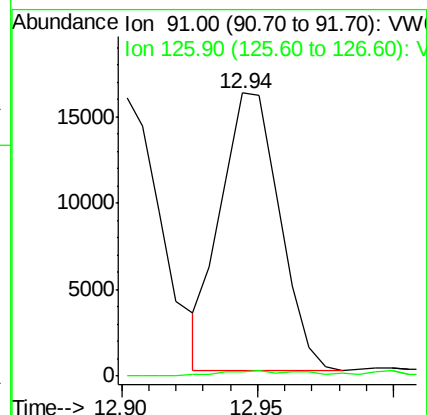
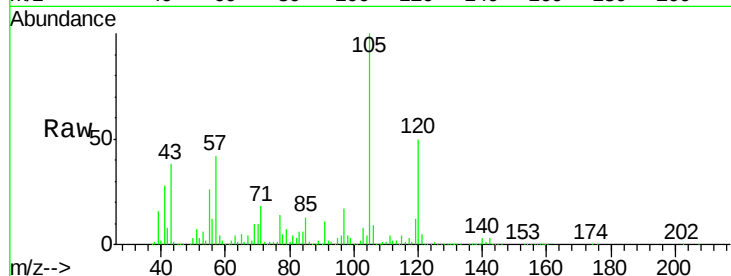
DS-A

Tgt Ion: 91 Resp: 24190

Ion Ratio Lower Upper

91 100

126 2.8 16.5 49.5#



#83

tert-Butylbenzene

Concen: 28.321 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.04 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

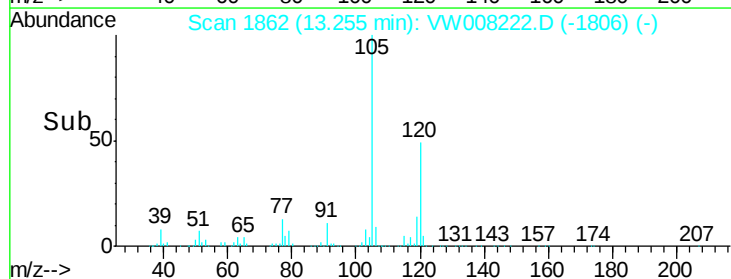
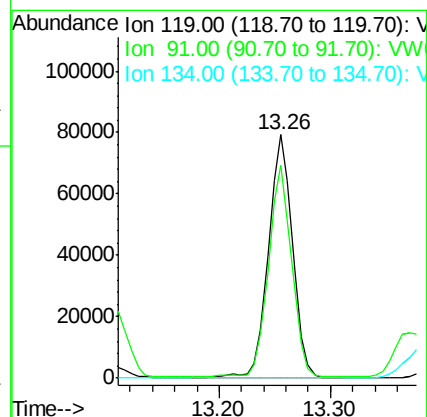
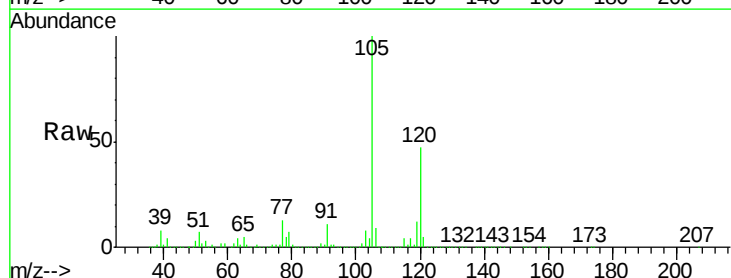
Tgt Ion: 119 Resp: 120008

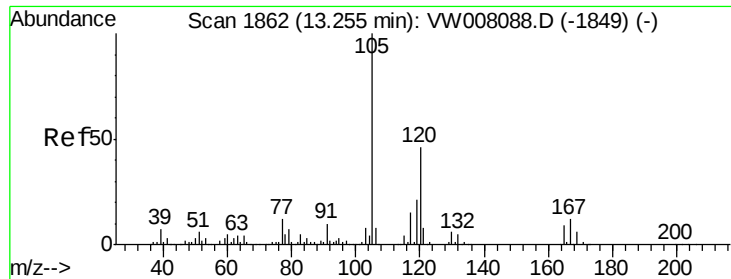
Ion Ratio Lower Upper

119 100

91 82.8 33.9 101.6

134 0.0 13.6 40.8#

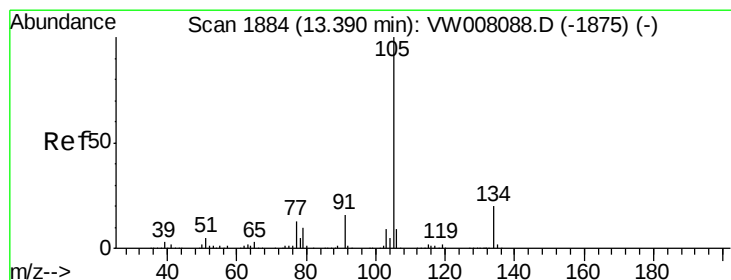
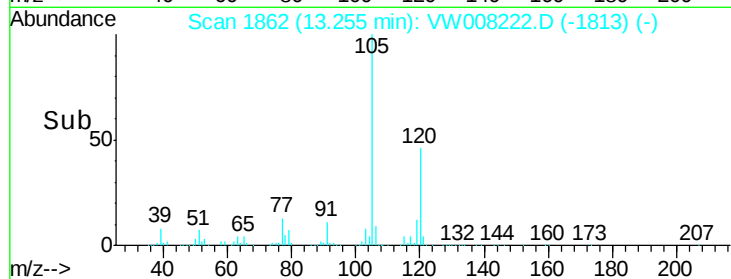
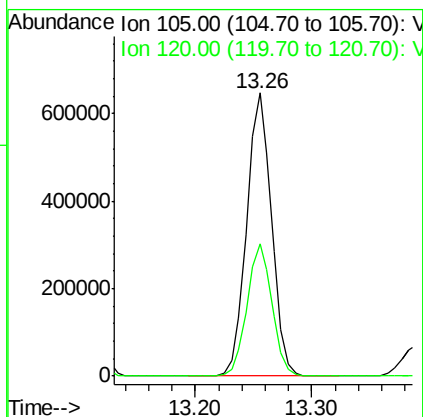
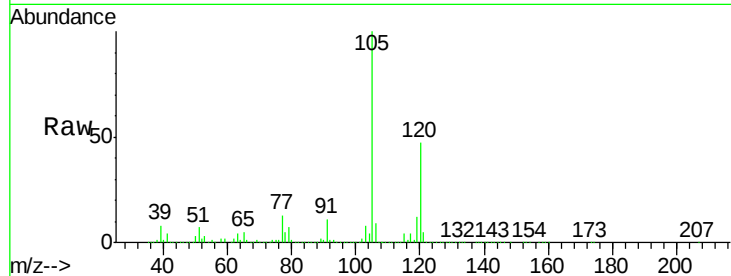




#84
1,2,4-Trimethylbenzene
Concen: 194.549 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008222.D
Acq: 12 Jan 2019 05:48

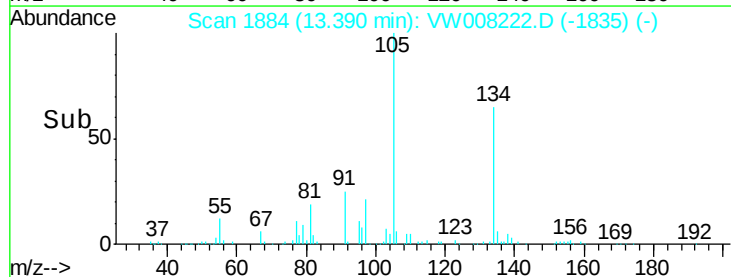
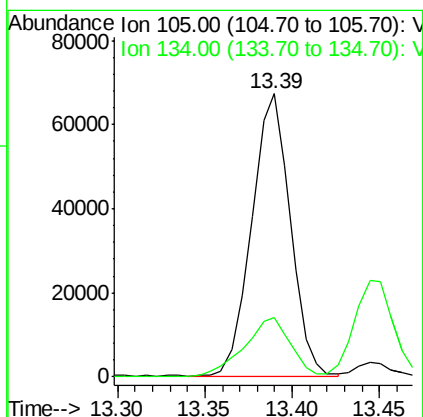
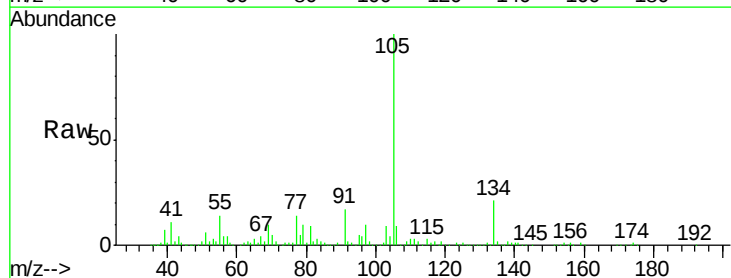
Instrument :
MSVOA_W
ClientSampled :
DS-A

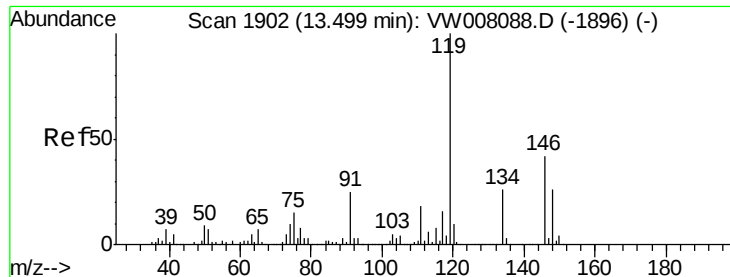
Tgt Ion:105 Resp: 961062
Ion Ratio Lower Upper
105 100
120 46.5 22.7 68.1



#85
sec-Butylbenzene
Concen: 16.525 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW008222.D
Acq: 12 Jan 2019 05:48

Tgt Ion:105 Resp: 102571
Ion Ratio Lower Upper
105 100
134 25.5 10.1 30.1

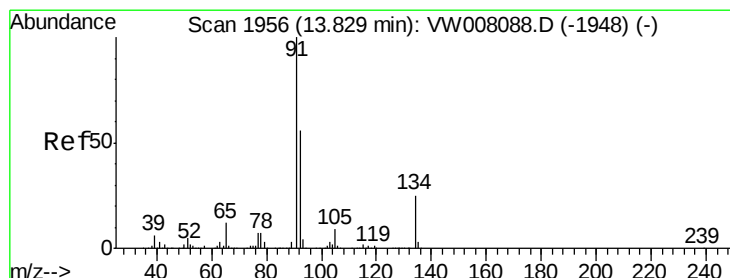
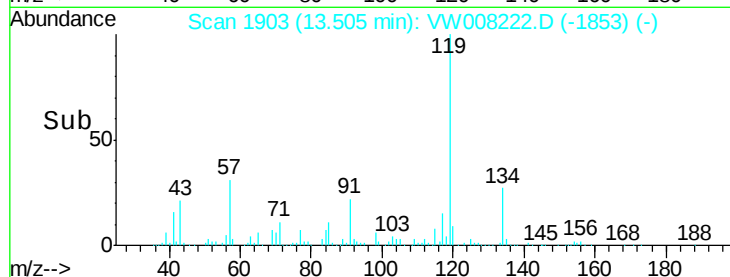
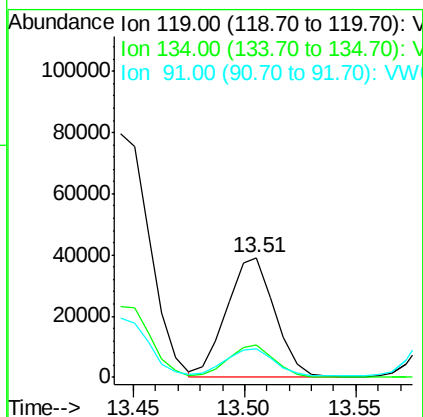
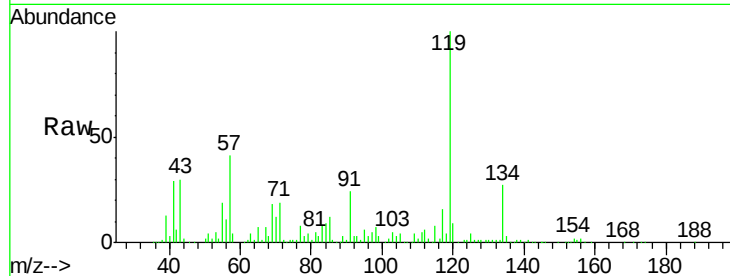




#86
p-Isopropyltoluene
Concen: 10.932 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.01 min
Lab File: VW008222.D
Acq: 12 Jan 2019 05:48

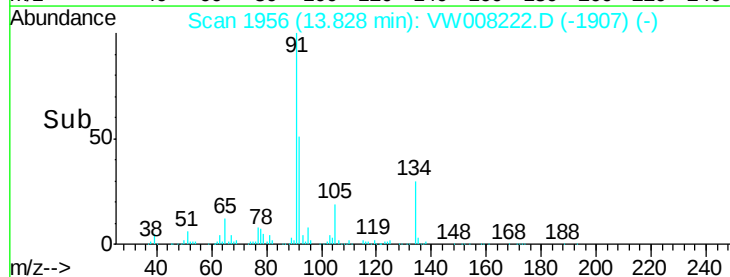
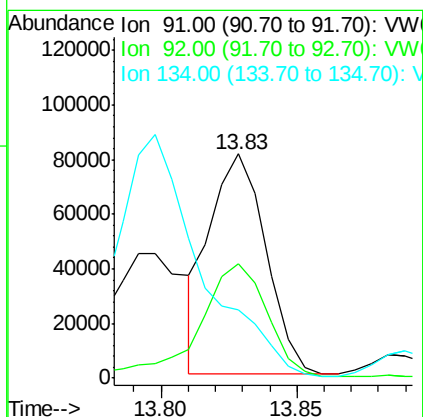
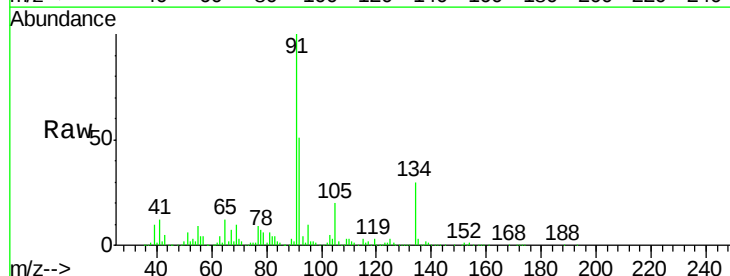
Instrument :
MSVOA_W
ClientSampled :
DS-A

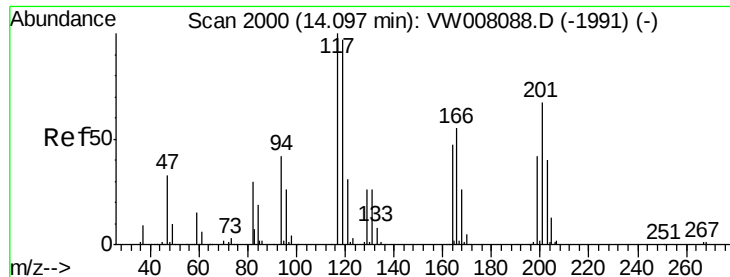
Tgt Ion: 119 Resp: 58596
Ion Ratio Lower Upper
119 100
134 27.1 13.3 39.8
91 23.1 12.3 36.9



#89
n-Butylbenzene
Concen: 21.958 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008222.D
Acq: 12 Jan 2019 05:48

Tgt Ion: 91 Resp: 115271
Ion Ratio Lower Upper
91 100
92 61.6 27.4 82.2
134 0.0 12.6 37.8#





#90

Hexachloroethane

Concen: 39.019 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

Instrument :

MSVOA_W

ClientSampled :

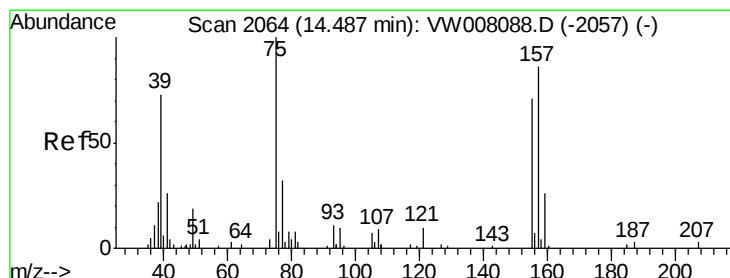
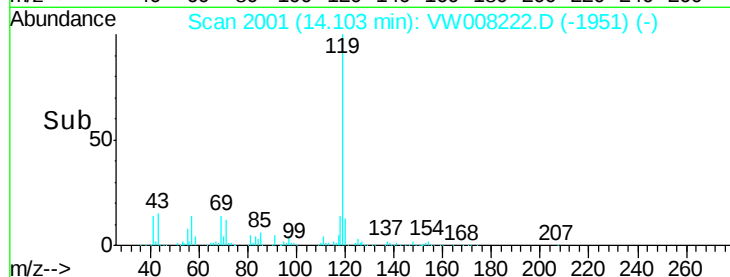
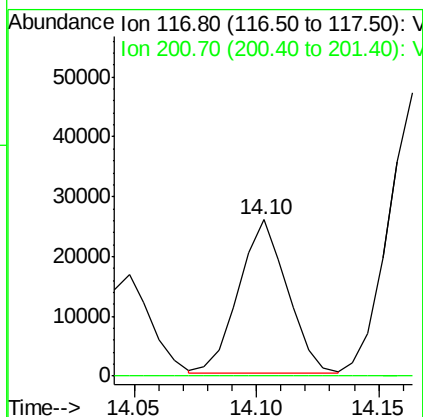
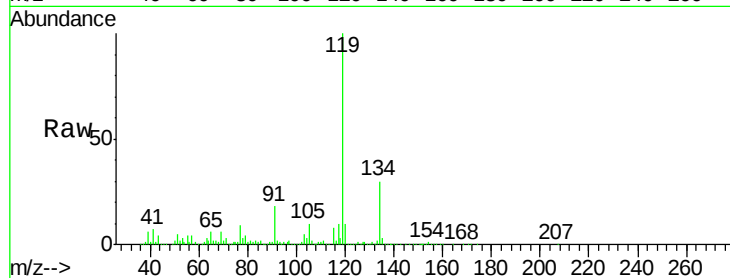
DS-A

Tgt Ion: 117 Resp: 35326

Ion Ratio Lower Upper

117 100

201 0.0 33.0 98.9#



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.893 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

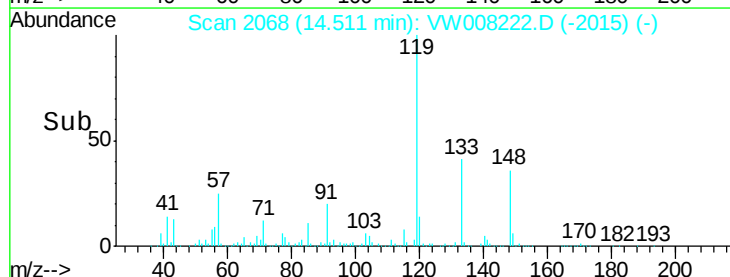
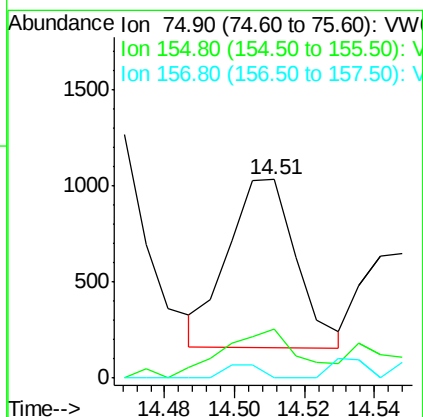
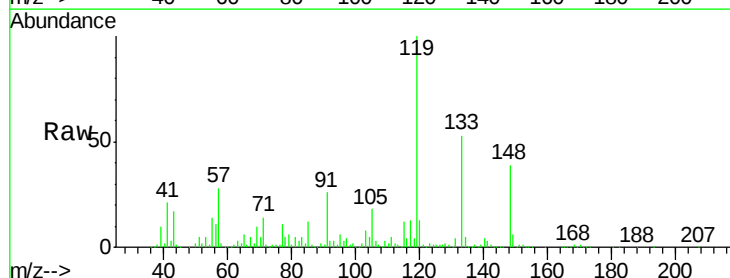
Tgt Ion: 75 Resp: 1185

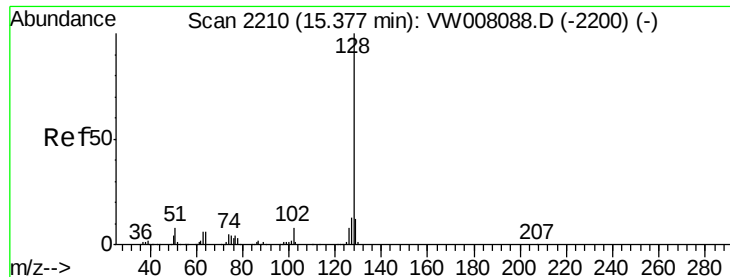
Ion Ratio Lower Upper

75 100

155 33.2 38.6 115.7#

157 4.2 47.5 142.6#





#95

Naphthalene

Concen: 26.612 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

Instrument :

MSVOA_W

ClientSampled :

DS-A

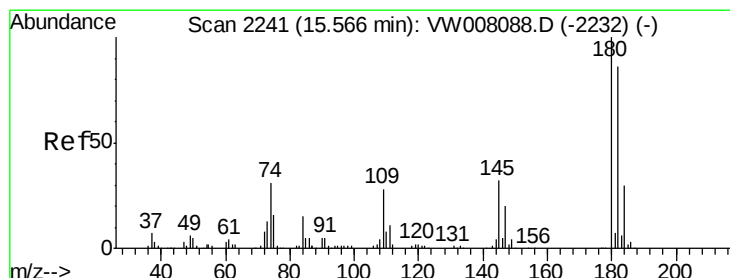
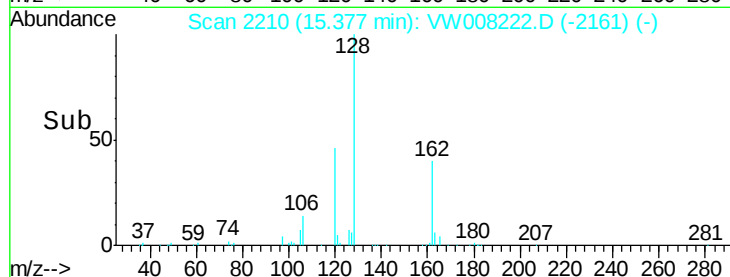
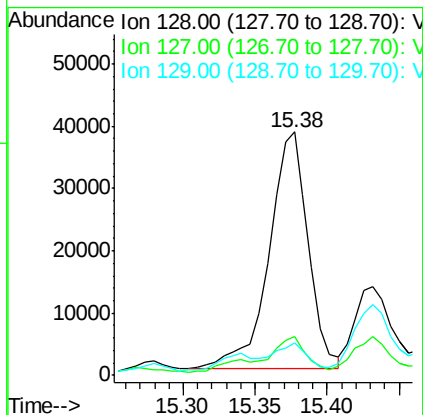
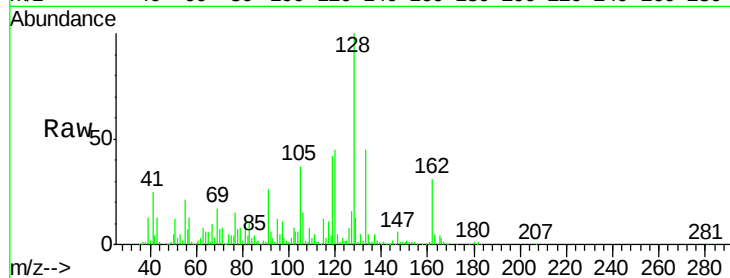
Tgt Ion:128 Resp: 72433

Ion Ratio Lower Upper

128 100

127 12.0 11.0 16.4

129 7.6 9.0 13.6#



#96

1,2,3-Trichlorobenzene

Concen: 1.288 ug/l

RT: 15.58 min Scan# 2243

Delta R.T. 0.01 min

Lab File: VW008222.D

Acq: 12 Jan 2019 05:48

Tgt Ion:180 Resp: 1601

Ion Ratio Lower Upper

180 100

182 0.0 46.5 139.3#

145 2549.5 17.4 52.2#

