

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011119\
 Data File : VW008221.D
 Acq On : 12 Jan 2019 05:22
 Operator : SY/VA
 Sample : K1119-07
 Misc : 4.83G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DS-D

Quant Time: Jan 14 10:01:59 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	95467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	169478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	154956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64115	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	52885	49.29	ug/l	0.00
Spiked Amount			Recovery	=	98.58%	
35) Dibromofluoromethane	7.88	113	51817	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	
50) Toluene-d8	10.32	98	215372	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.62	95	70388	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.23	59	558	Below Cal	#	100
13) Acrolein	3.87	56	178	1.001	ug/l #	59
16) Acetone	4.14	43	779	Below Cal		99
20) Methylene Chloride	4.91	84	6791	1.793	ug/l	94
25) 2-Butanone	7.20	43	306	1.025	ug/l #	49
29) Tetrahydrofuran	7.53	42	327	1.640	ug/l #	84
31) Cyclohexane	7.95	56	2517	1.115	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	7867	4.506	ug/l #	51
38) Carbon Tetrachloride	7.95	117	10141	6.346	ug/l #	17
39) Methylcyclohexane	9.33	83	2702	1.221	ug/l #	78
49) 1,4-Dioxane	9.44	88	19	2.049	ug/l #	37
52) Toluene	10.39	92	26527	8.772	ug/l	99
55) 1,1,2-Trichloroethane	10.76	97	3517	4.344	ug/l #	18
67) Ethyl Benzene	11.73	91	15262	2.541	ug/l	99
68) m/p-Xylenes	11.83	106	25421	11.088	ug/l	94
69) o-Xylene	12.17	106	13674	6.440	ug/l	95
73) Isopropylbenzene	12.47	105	9125	1.813	ug/l	97
74) N-amyl acetate	12.26	43	3091	2.773	ug/l #	50
76) 1,2,3-Trichloropropane	12.62	75	35058	59.982	ug/l #	1
77) Bromobenzene	12.94	156	5826	5.478	ug/l #	17
78) n-propylbenzene	12.80	91	21909	3.552	ug/l	95
79) 2-Chlorotoluene	12.87	91	10075	2.928	ug/l #	45
80) 1,3,5-Trimethylbenzene	12.94	105	33648	8.135	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	35058	139.679	ug/l #	11
83) tert-Butylbenzene	13.26	119	17274	4.720	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.26	105	123288	28.899	ug/l	98
85) sec-Butylbenzene	13.39	105	16223	3.026	ug/l	86
86) p-Isopropyltoluene	13.50	119	7819	1.689	ug/l	95
89) n-Butylbenzene	13.83	91	12725	2.807	ug/l #	74
90) Hexachloroethane	14.10	117	4806	6.147	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.28	75	131	1.010	ug/l	88
95) Naphthalene	15.38	128	8580	3.650	ug/l #	94

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

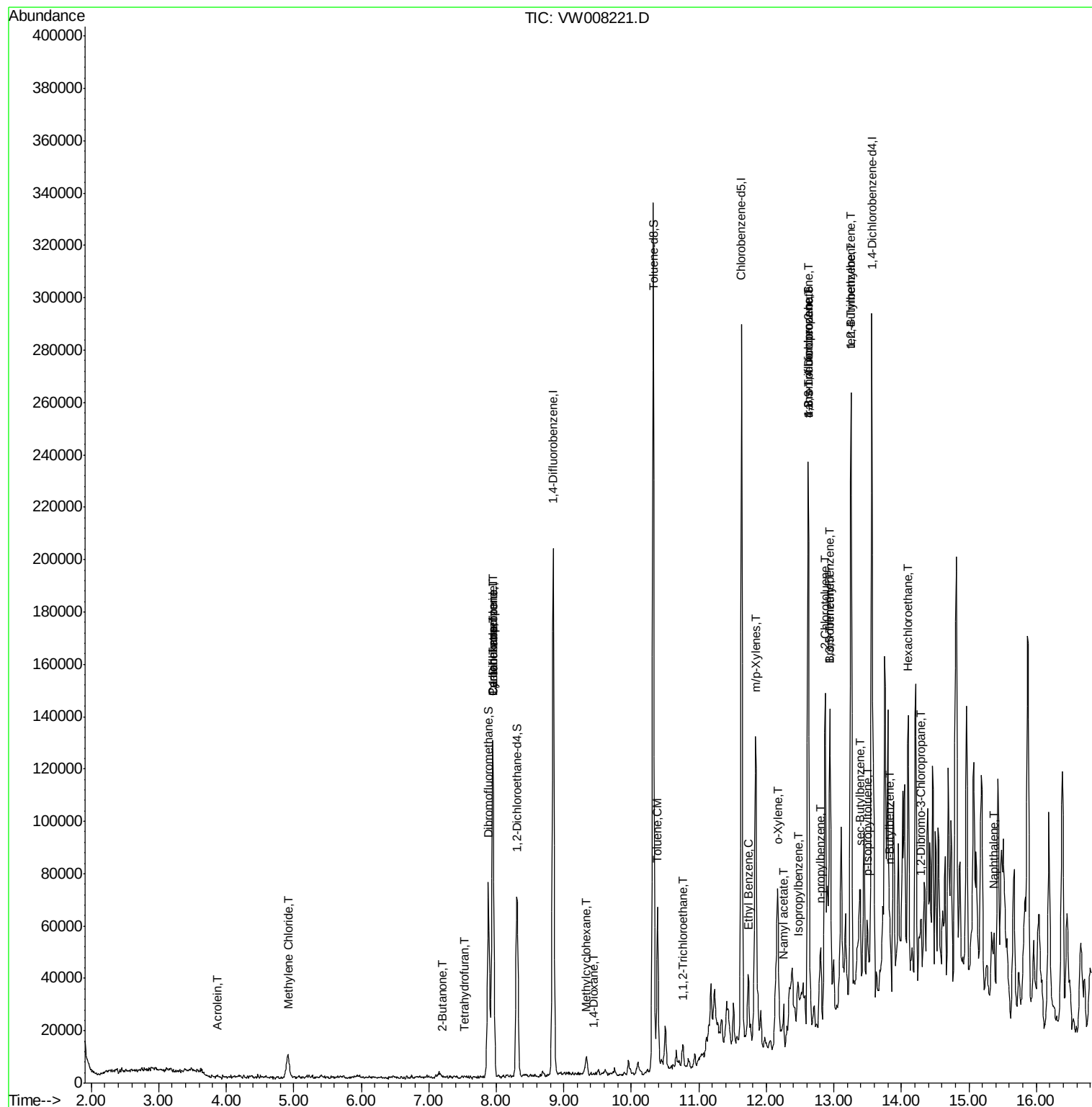
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

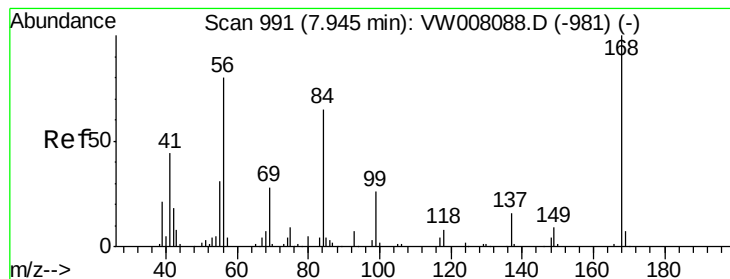
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008221.D

Acq: 12 Jan 2019 05:22

Instrument :

MSVOA_W

ClientSampleId :

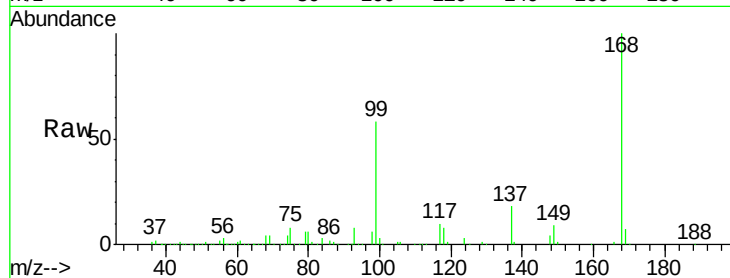
DS-D

Tgt Ion:168 Resp: 95467

Ion Ratio Lower Upper

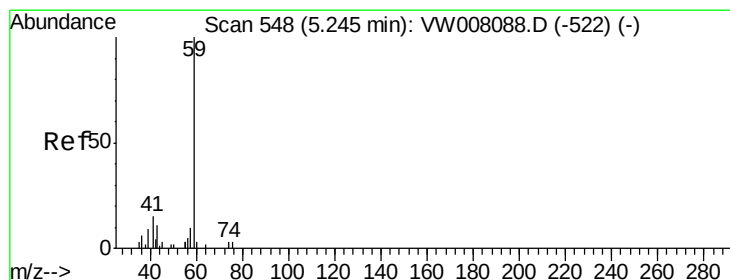
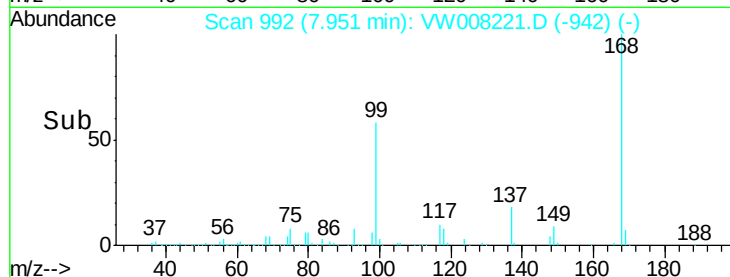
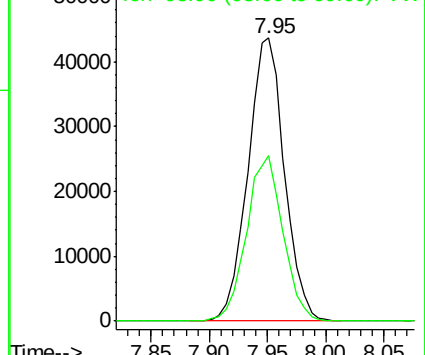
168 100

99 58.5 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: 5.23 min Scan# 545

Delta R.T. -0.02 min

Lab File: VW008221.D

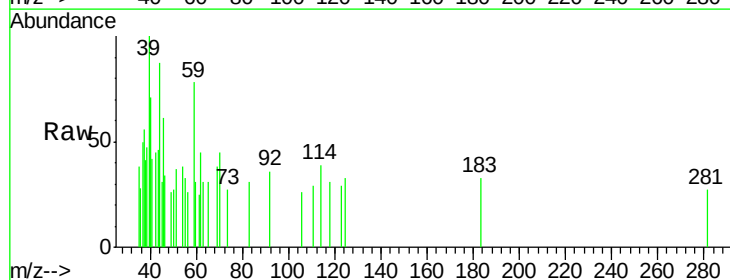
Acq: 12 Jan 2019 05:22

Tgt Ion: 59 Resp: 558

Ion Ratio Lower Upper

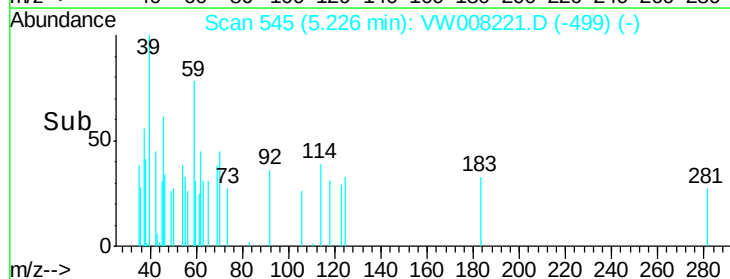
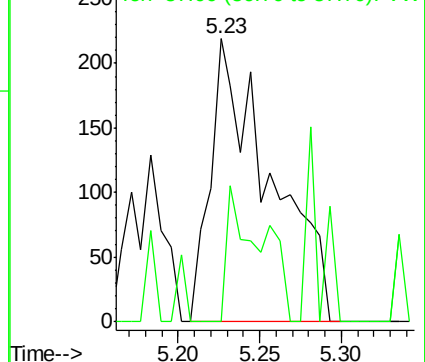
59 100

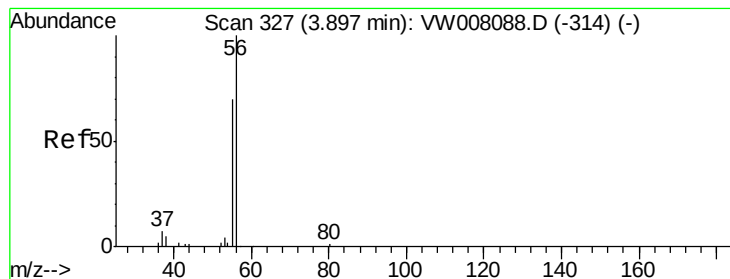
57 18.8 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 1.001 ug/l

RT: 3.87 min Scan# 323

Delta R.T. -0.02 min

Lab File: VW008221.D

Acq: 12 Jan 2019 05:22

Instrument :

MSVOA_W

ClientSampled :

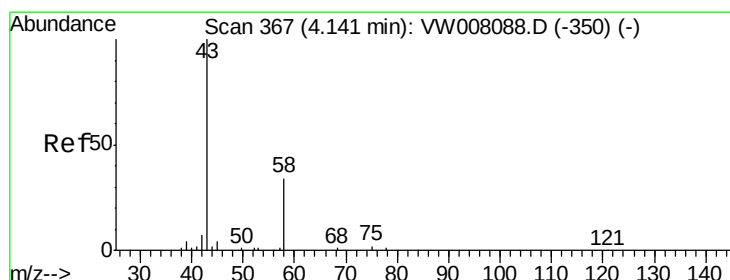
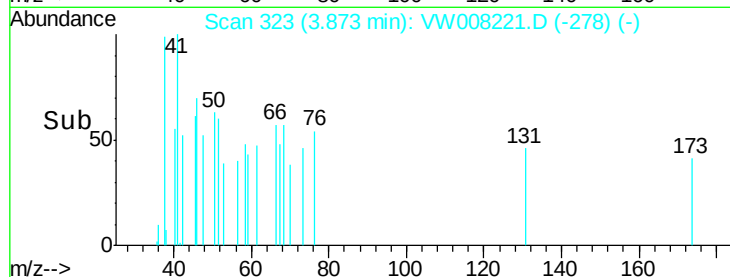
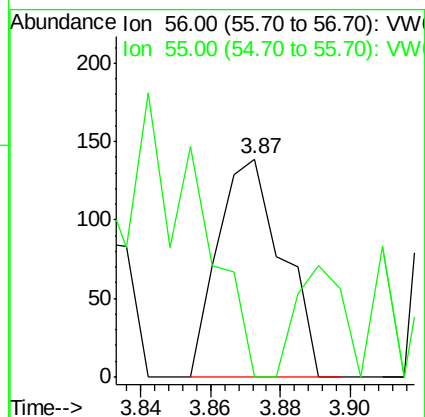
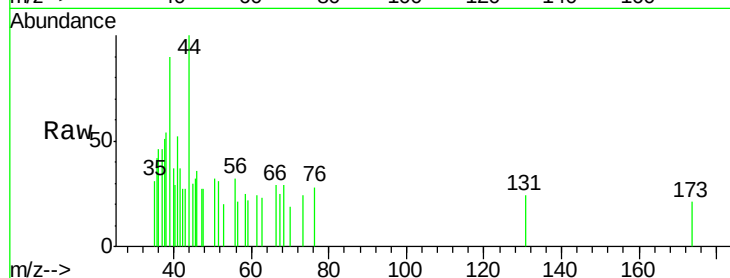
DS-D

Tgt Ion: 56 Resp: 178

Ion Ratio Lower Upper

56 100

55 37.1 56.6 84.8#



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW008221.D

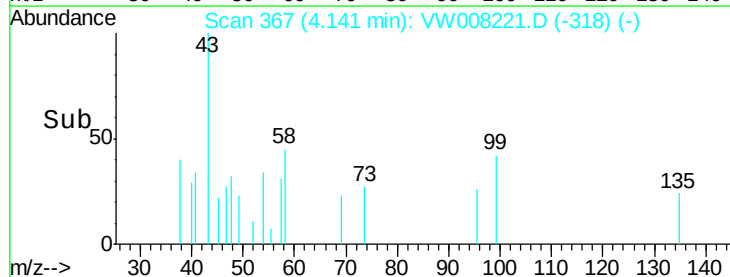
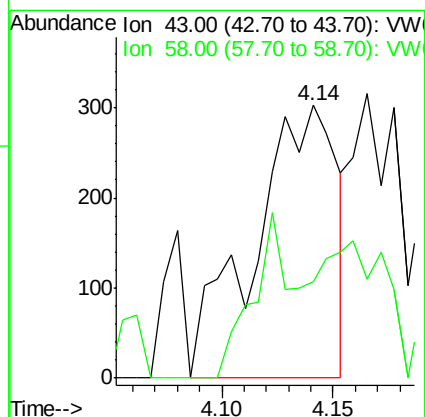
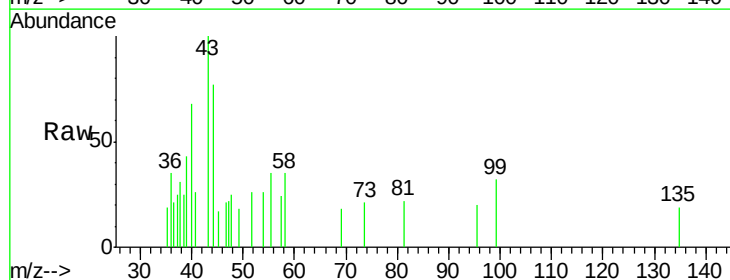
Acq: 12 Jan 2019 05:22

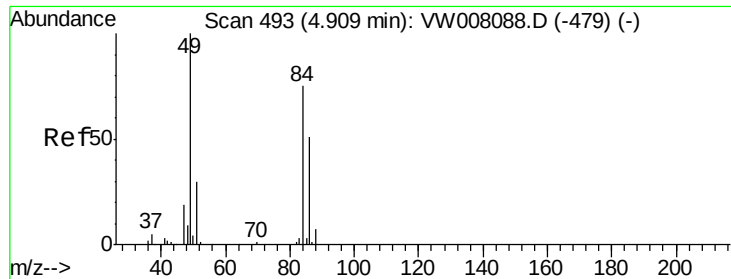
Tgt Ion: 43 Resp: 779

Ion Ratio Lower Upper

43 100

58 35.0 27.5 41.3

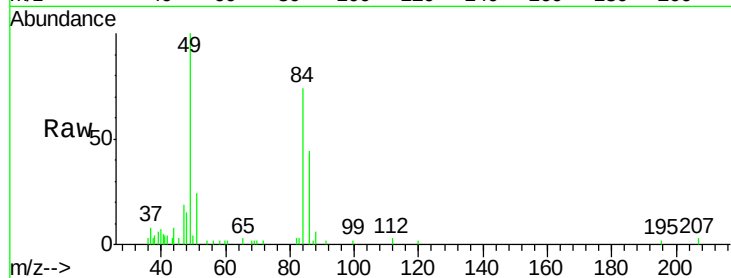




#20
Methylene Chloride
Concen: 1.793 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008221.D
Acq: 12 Jan 2019 05:22

Instrument :
MSVOA_W
ClientSampled :
DS-D

Tgt Ion:	84	Resp:	6791
Ion	Ratio	Lower	Upper
84	100		
49	132.4	107.1	160.7
51	32.5	32.4	48.6
86	59.9	54.2	81.4

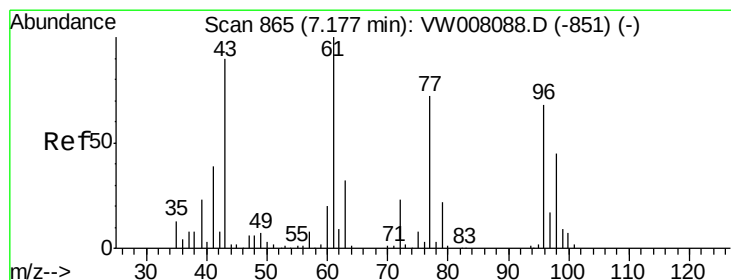
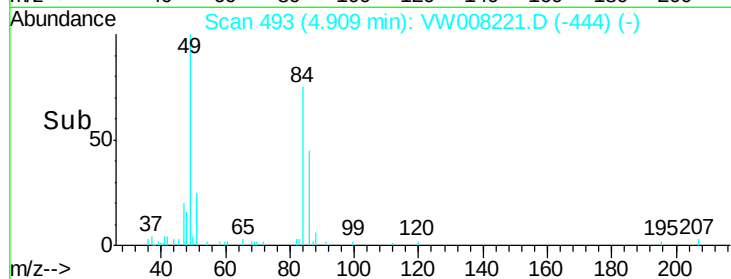
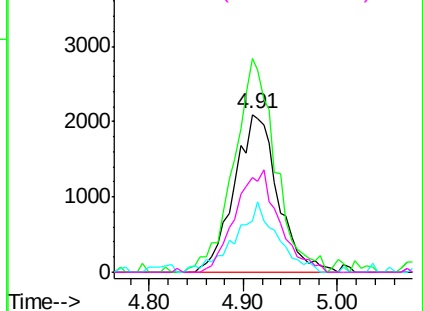


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

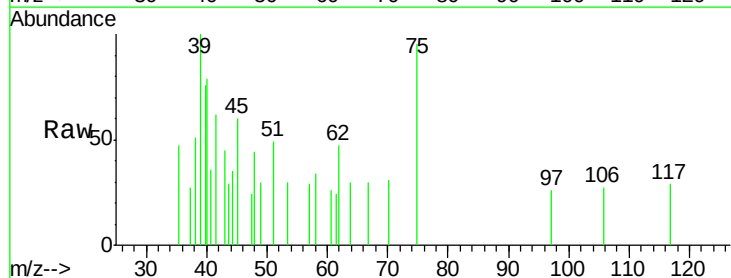
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



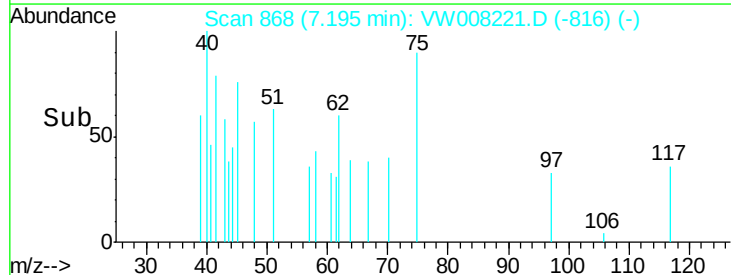
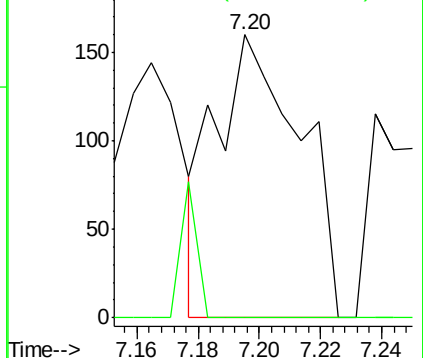
#25
2-Butanone
Concen: 1.025 ug/l
RT: 7.20 min Scan# 868
Delta R.T. 0.02 min
Lab File: VW008221.D
Acq: 12 Jan 2019 05:22

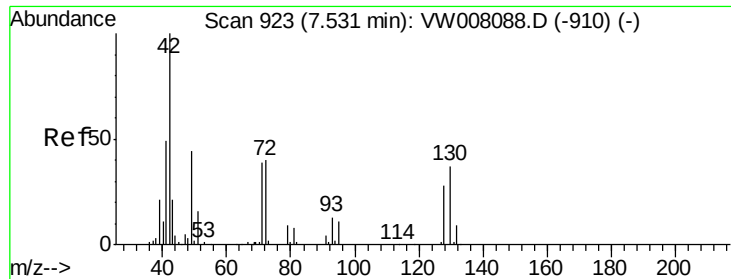
Tgt Ion:	43	Resp:	306
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

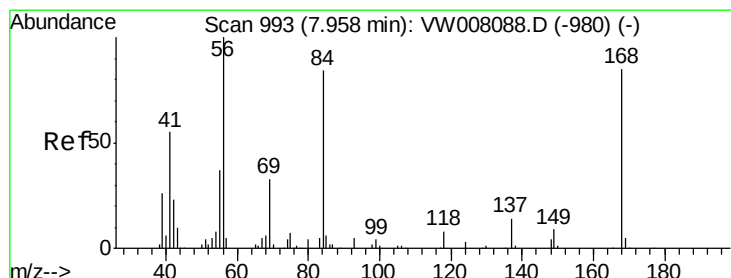
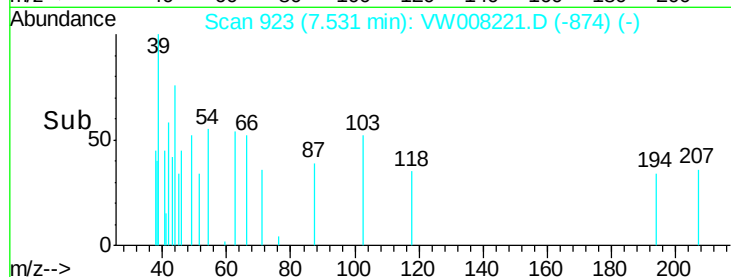
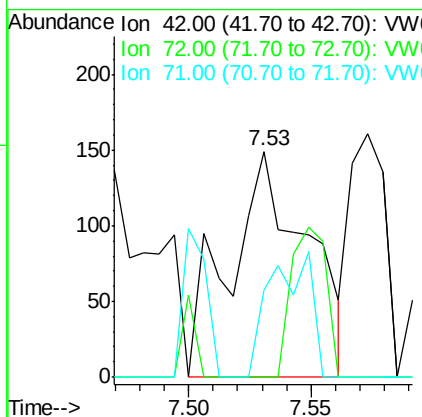
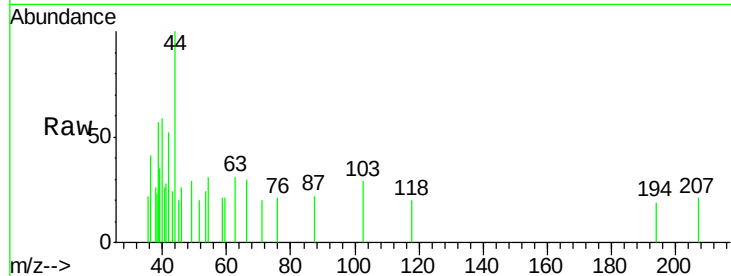




#29
Tetrahydrofuran
Concen: 1.640 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008221.D
Acq: 12 Jan 2019 05:22

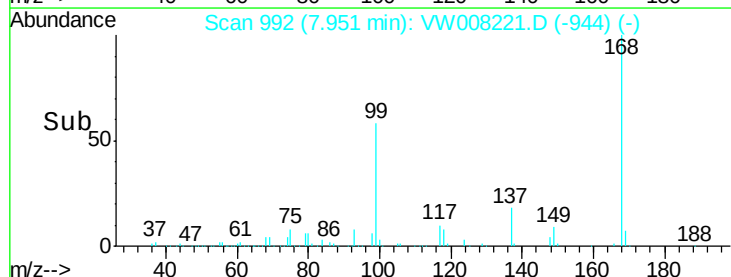
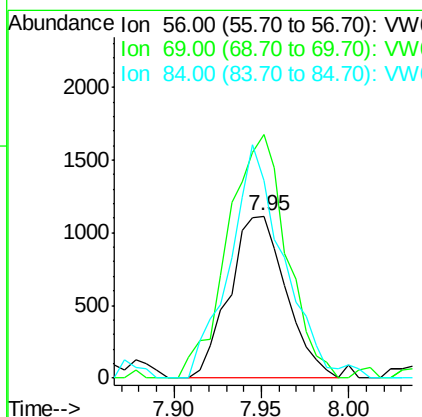
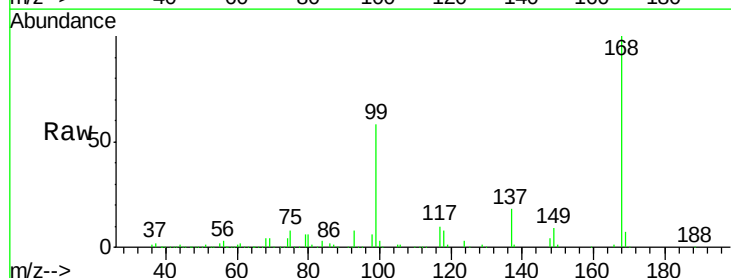
Instrument :
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ClientSampleId :
DS-D

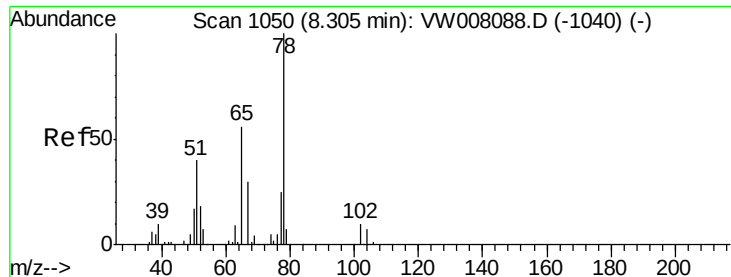
Tgt Ion: 42 Resp: 327
Ion Ratio Lower Upper
42 100
72 30.3 32.4 48.6#
71 30.0 31.3 46.9#



#31
Cyclohexane
Concen: 1.115 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008221.D
Acq: 12 Jan 2019 05:22

Tgt Ion: 56 Resp: 2517
Ion Ratio Lower Upper
56 100
69 150.4 26.2 39.4#
84 121.6 67.4 101.2#





#33

1,2-Dichloroethane-d4

Concen: 49.289 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008221.D

Acq: 12 Jan 2019 05:22

Instrument :

MSVOA_W

ClientSampleId :

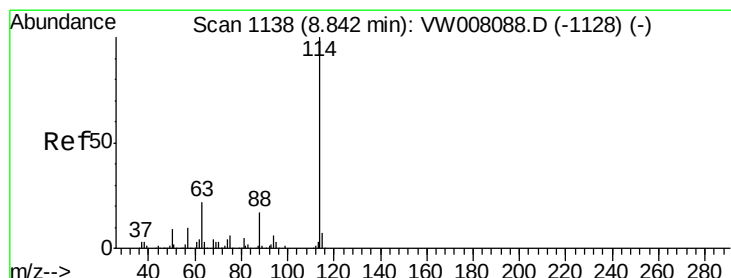
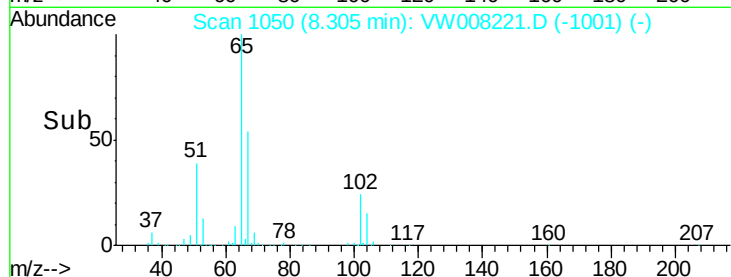
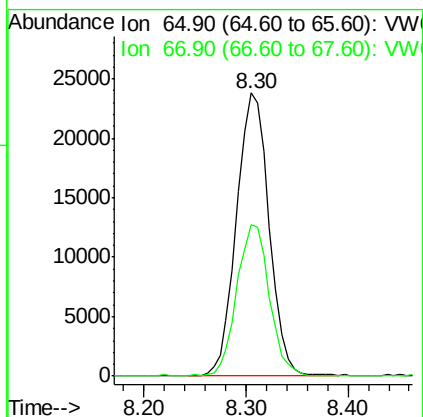
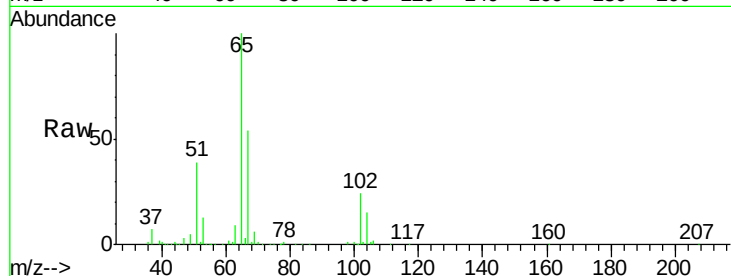
DS-D

Tgt Ion: 65 Resp: 52885

Ion Ratio Lower Upper

65 100

67 53.6 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: VW008221.D

Acq: 12 Jan 2019 05:22

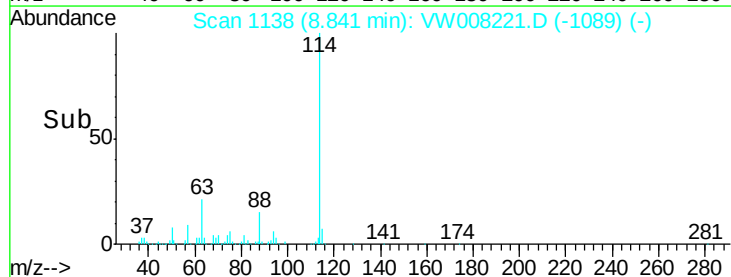
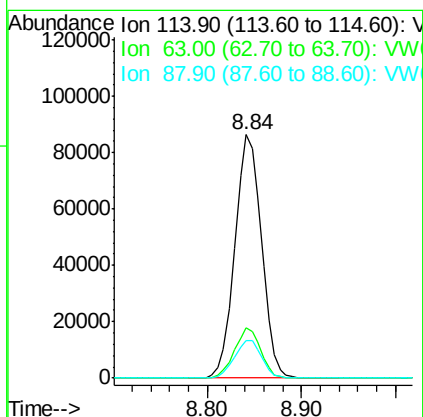
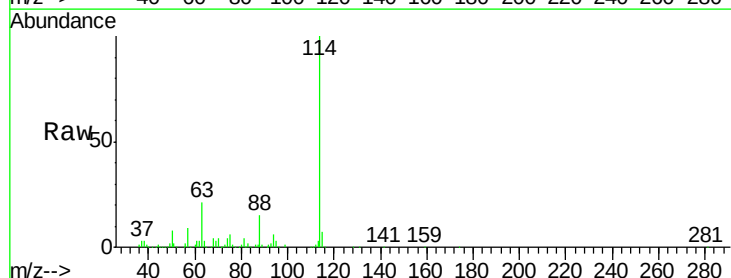
Tgt Ion: 114 Resp: 169478

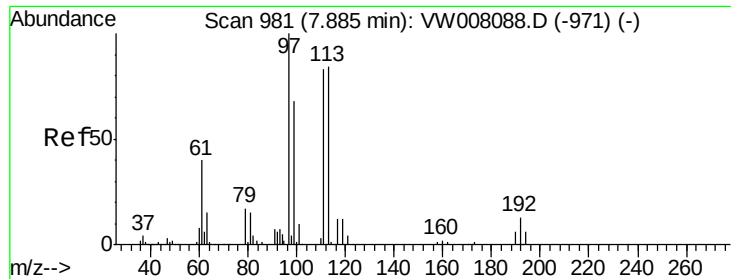
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.4

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.422 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008221.D

Acq: 12 Jan 2019 05:22

Instrument :

MSVOA_W

ClientSampleId :

DS-D

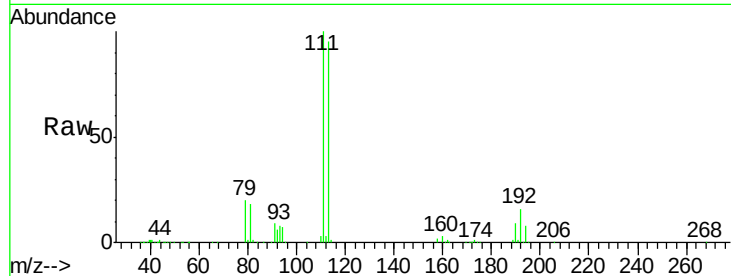
Tgt Ion:113 Resp: 51817

Ion Ratio Lower Upper

113 100

111 105.2 81.8 122.8

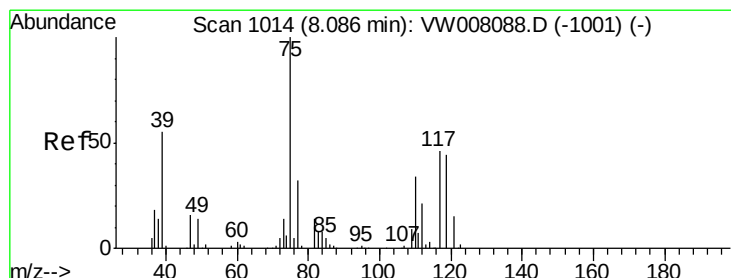
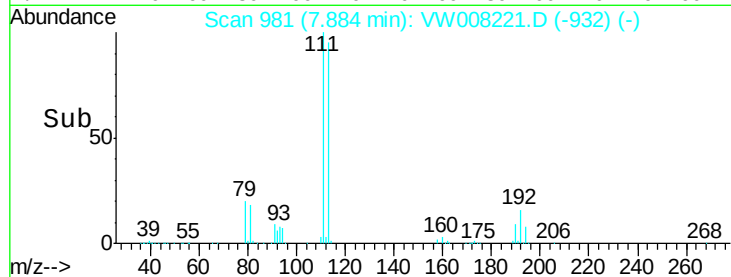
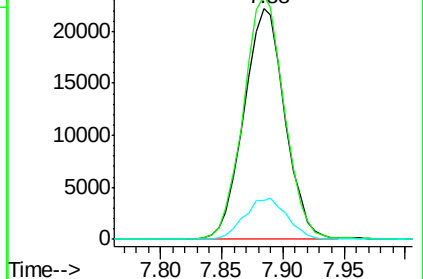
192 18.4 12.8 19.2



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: 4.506 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW008221.D

Acq: 12 Jan 2019 05:22

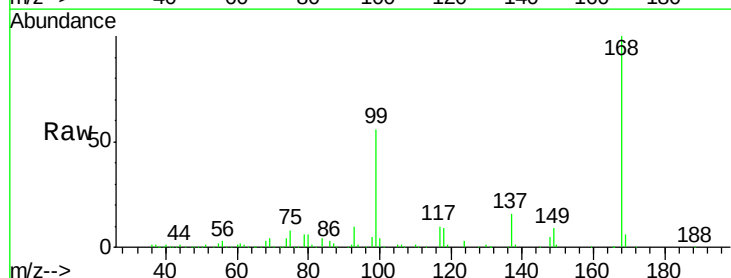
Tgt Ion: 75 Resp: 7867

Ion Ratio Lower Upper

75 100

110 9.1 17.1 51.3#

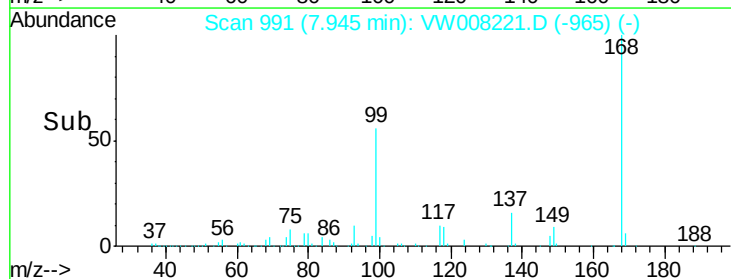
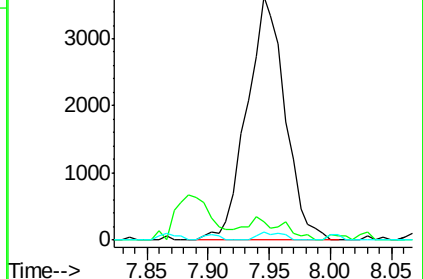
77 2.0 25.5 38.3#

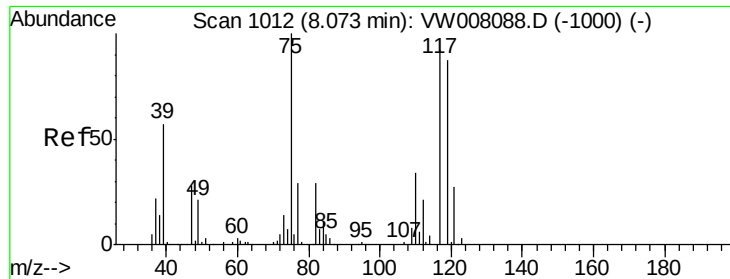


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.346 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW008221.D

Acq: 12 Jan 2019 05:22

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DS-D

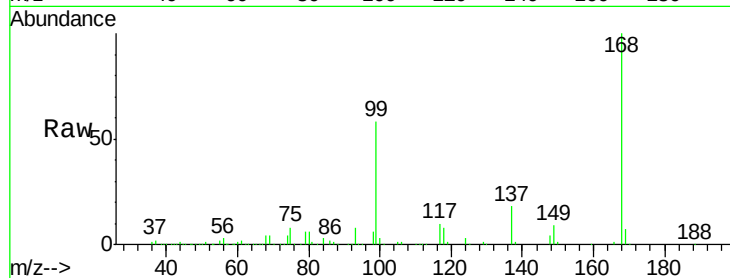
Tgt Ion:117 Resp: 10141

Ion Ratio Lower Upper

117 100

119 5.8 75.8 113.8#

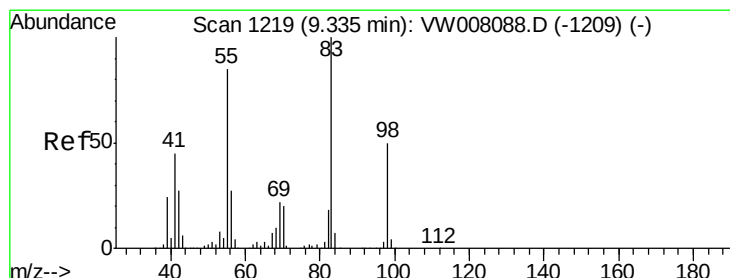
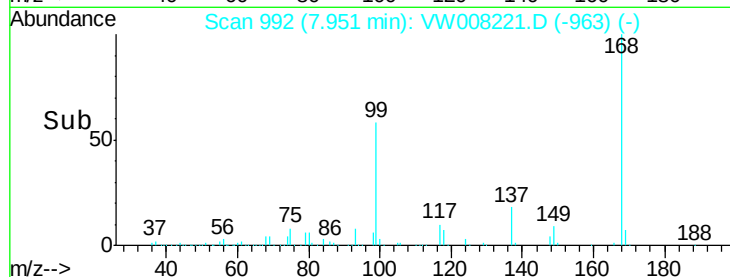
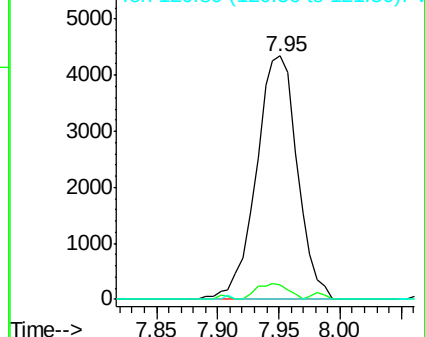
121 0.0 23.7 35.5#



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: 1.221 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW008221.D

Acq: 12 Jan 2019 05:22

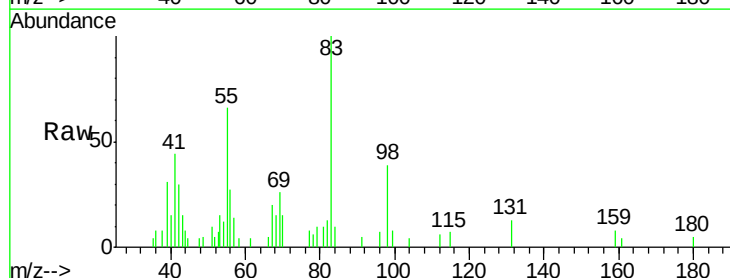
Tgt Ion: 83 Resp: 2702

Ion Ratio Lower Upper

83 100

55 61.5 67.8 101.6#

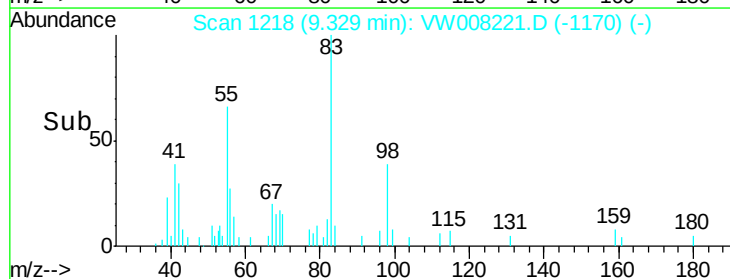
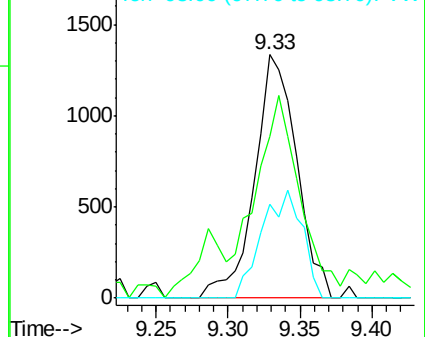
98 38.8 40.2 60.4#

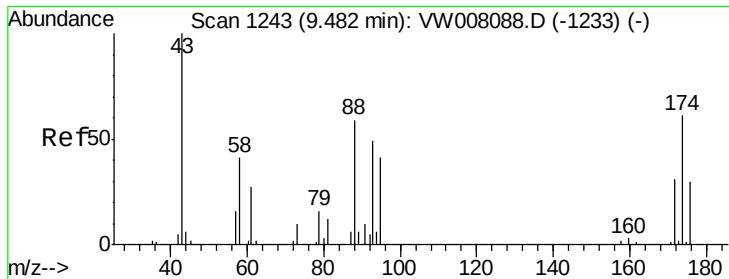


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#49

1,4-Dioxane

Concen: 2.049 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. -0.04 min

Lab File: VW008221.D

Acq: 12 Jan 2019 05:22

Instrument :
MSVOA_W
ClientSampleId :
DS-D

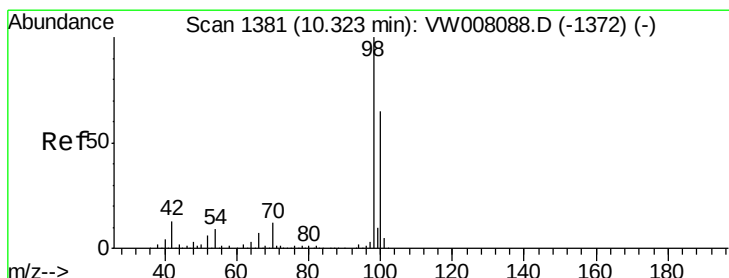
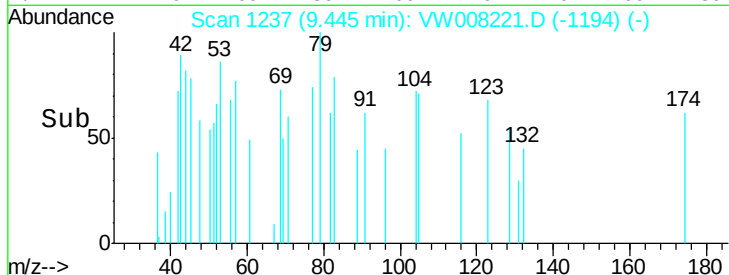
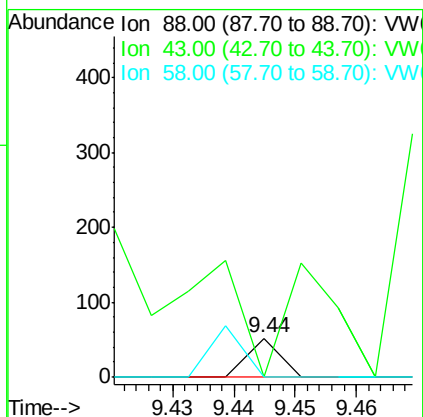
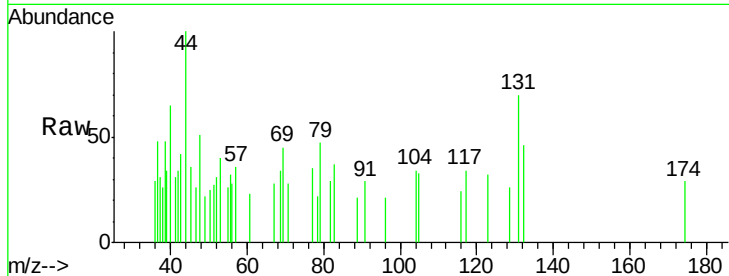
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 131.6 61.7 92.5#



#50

Toluene-d8

Concen: 51.922 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008221.D

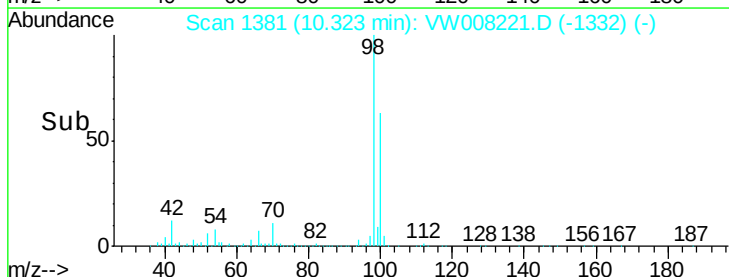
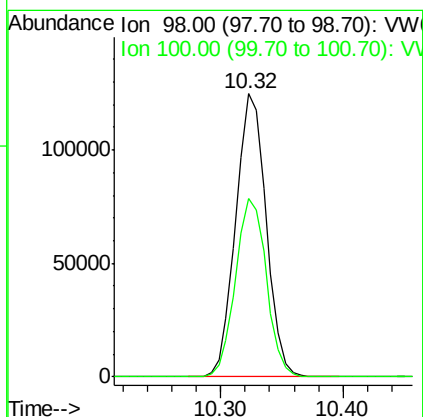
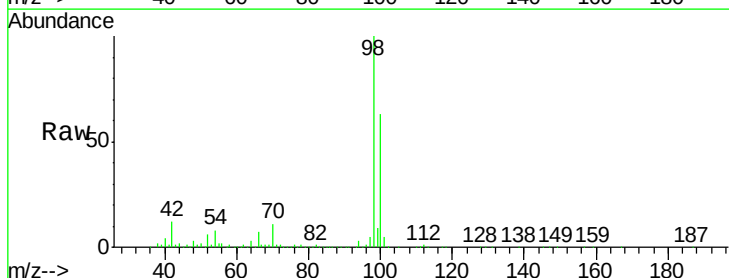
Acq: 12 Jan 2019 05:22

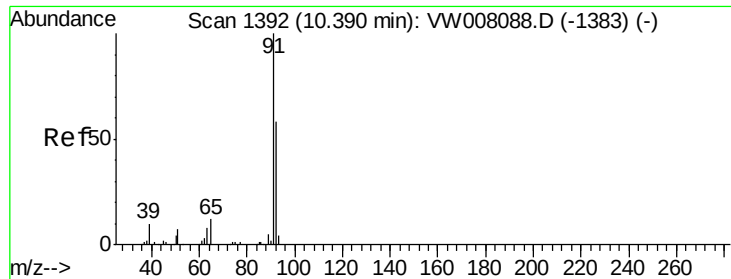
Tgt Ion: 98 Resp: 215372

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5





#52

Toluene

Concen: 8.772 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008221.D

Acq: 12 Jan 2019 05:22

Instrument :

MSVOA_W

ClientSampleId :

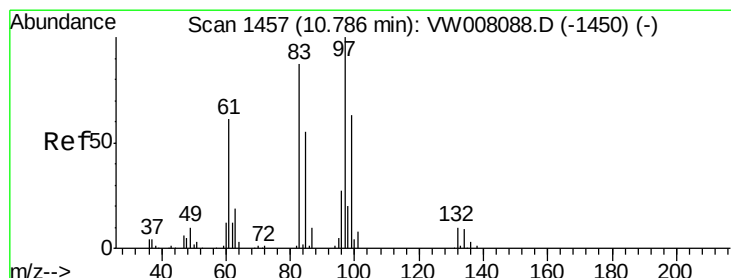
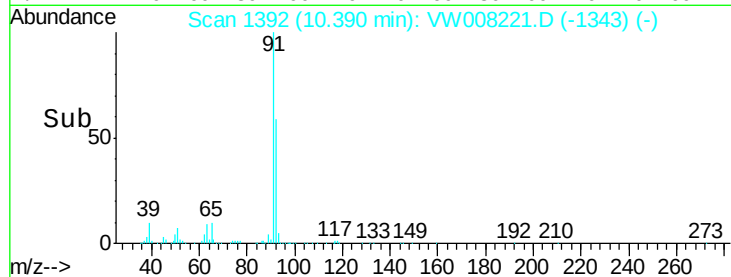
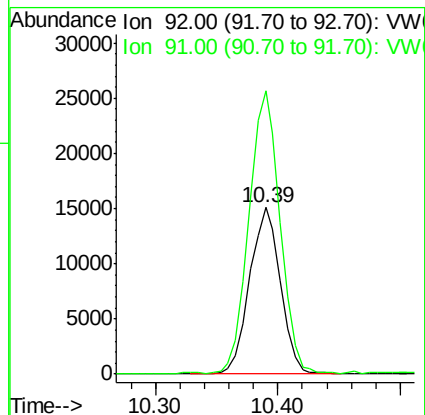
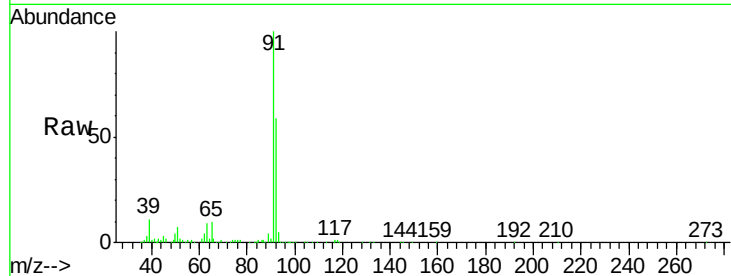
DS-D

Tgt Ion: 92 Resp: 26527

Ion Ratio Lower Upper

92 100

91 170.2 137.0 205.4



#55

1,1,2-Trichloroethane

Concen: 4.344 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW008221.D

Acq: 12 Jan 2019 05:22

Tgt Ion: 97 Resp: 3517

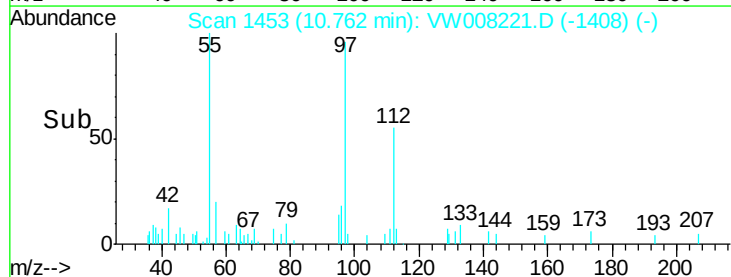
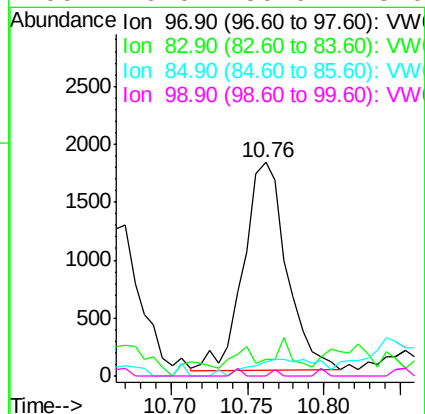
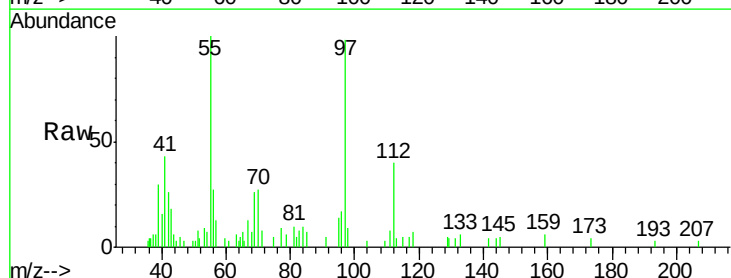
Ion Ratio Lower Upper

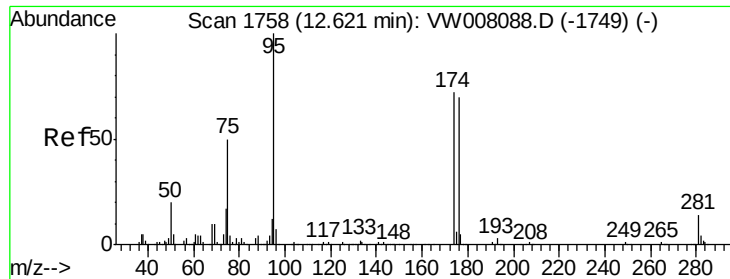
97 100

83 1.3 69.3 103.9#

85 6.8 43.8 65.6#

99 0.0 50.0 75.0#





#62

4-Bromofluorobenzene

Concen: 47.334 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008221.D

Acq: 12 Jan 2019 05:22

Instrument :

MSVOA_W

ClientSampleId :

DS-D

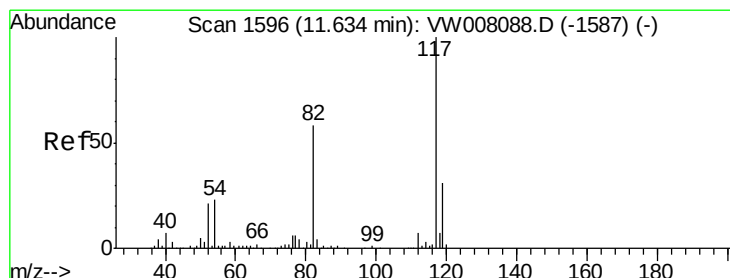
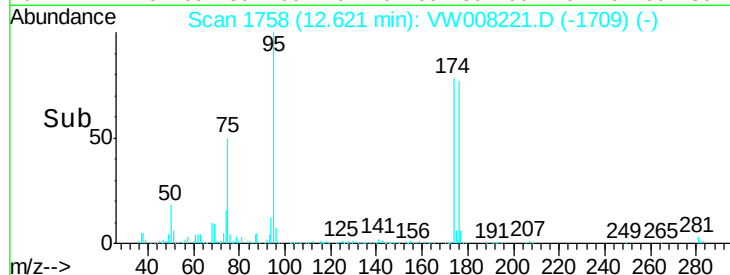
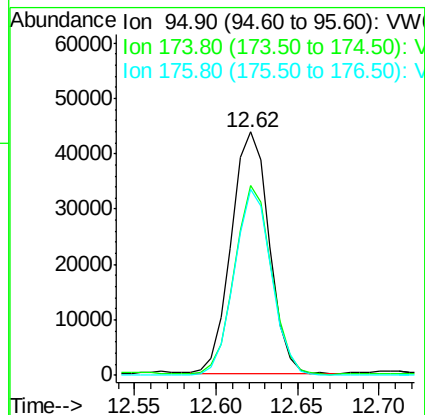
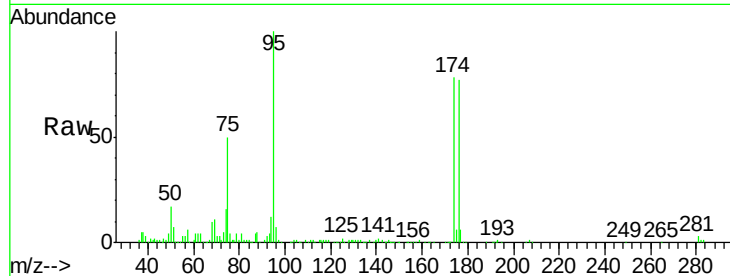
Tgt Ion: 95 Resp: 70388

Ion Ratio Lower Upper

95 100

174 77.0 0.0 143.0

176 75.6 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: VW008221.D

Acq: 12 Jan 2019 05:22

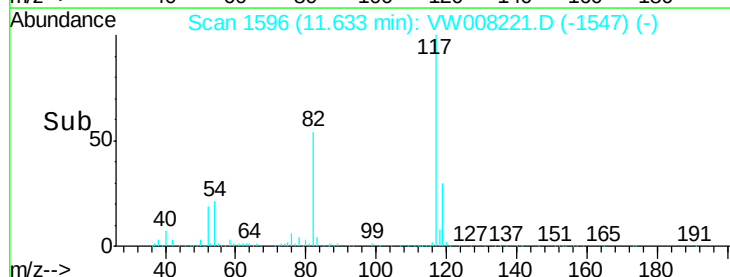
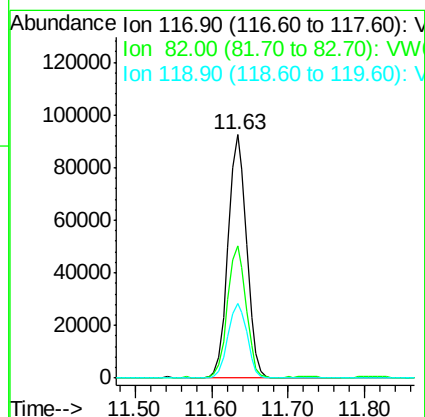
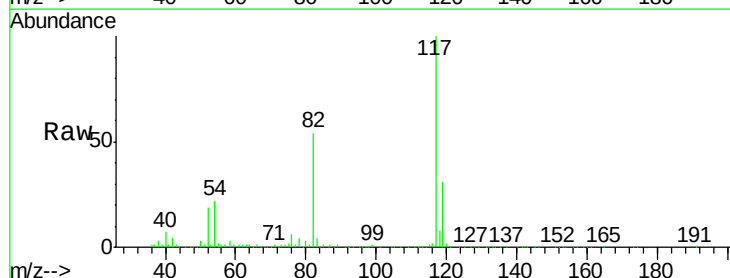
Tgt Ion: 117 Resp: 154956

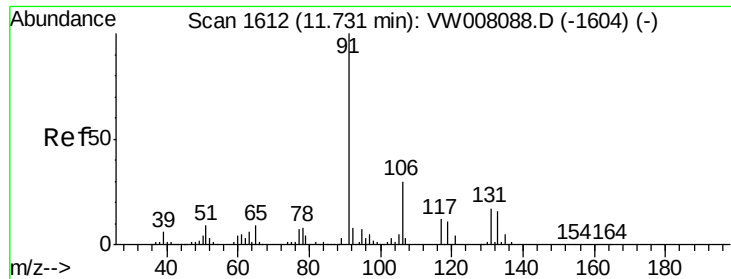
Ion Ratio Lower Upper

117 100

82 54.0 46.4 69.6

119 30.5 24.7 37.1

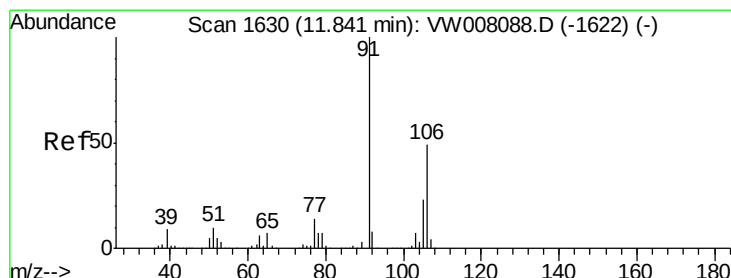
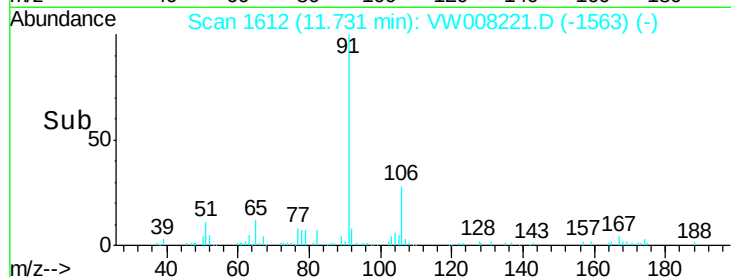
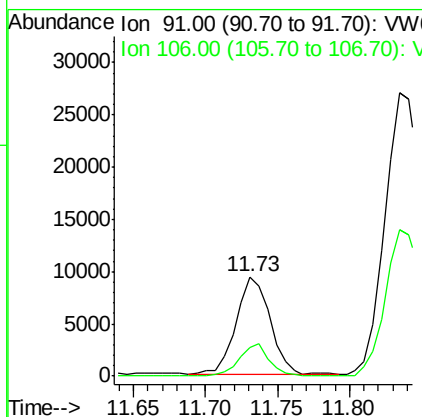
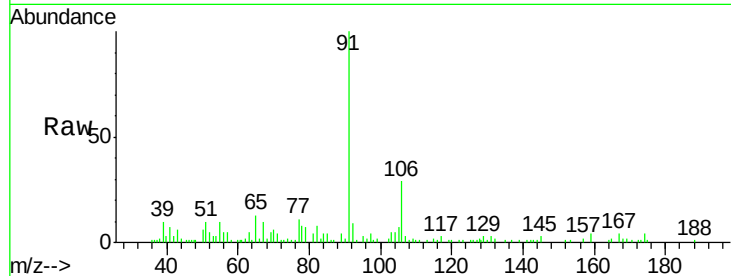




#67
Ethyl Benzene
Concen: 2.541 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008221.D
Acq: 12 Jan 2019 05:22

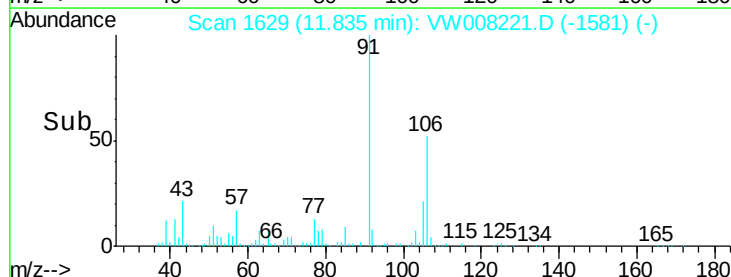
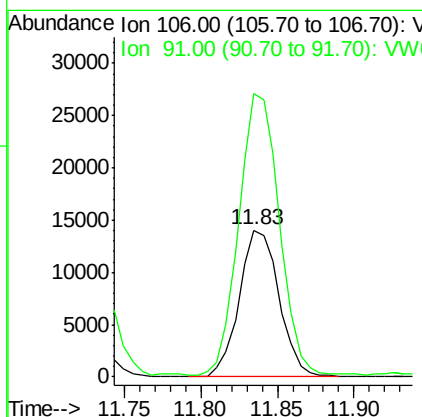
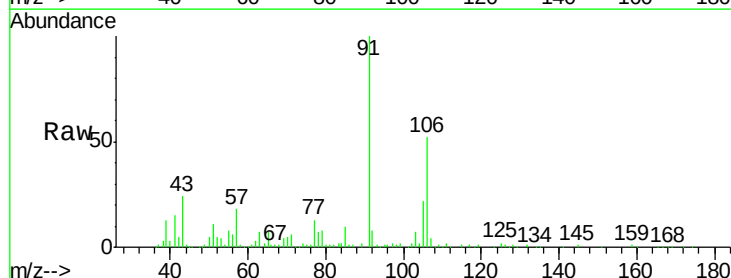
Instrument :
MSVOA_W
ClientSampled :
DS-D

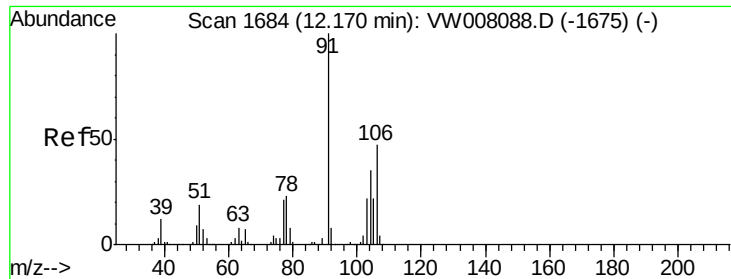
Tgt Ion: 91 Resp: 15262
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.4



#68
m/p-Xylenes
Concen: 11.088 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008221.D
Acq: 12 Jan 2019 05:22

Tgt Ion: 106 Resp: 25421
Ion Ratio Lower Upper
106 100
91 193.8 162.4 243.6

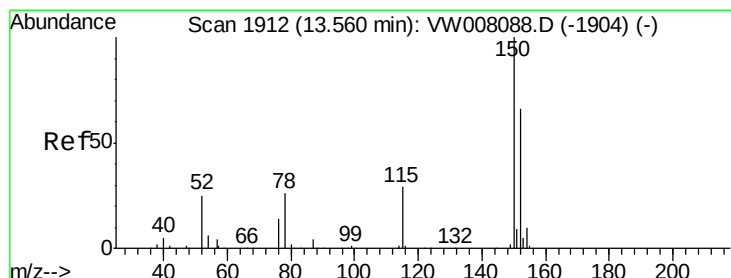
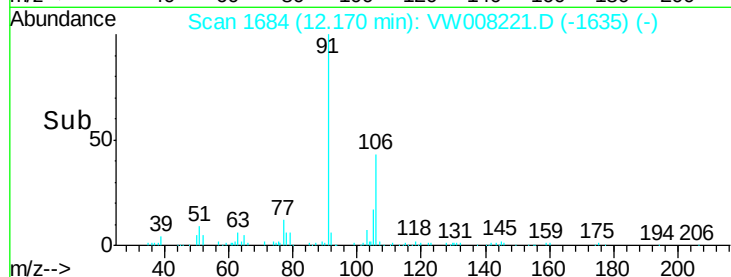
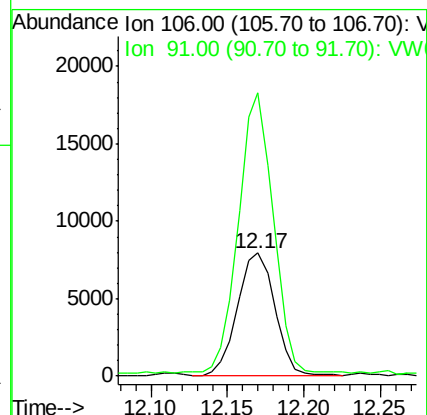
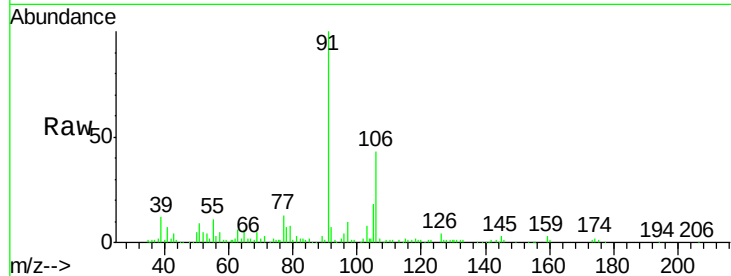




#69
o-Xylene
Concen: 6.440 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008221.D
Acq: 12 Jan 2019 05:22

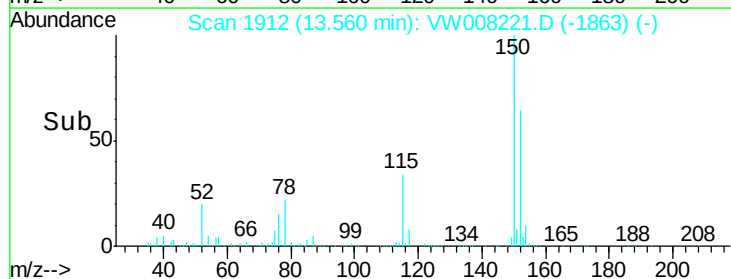
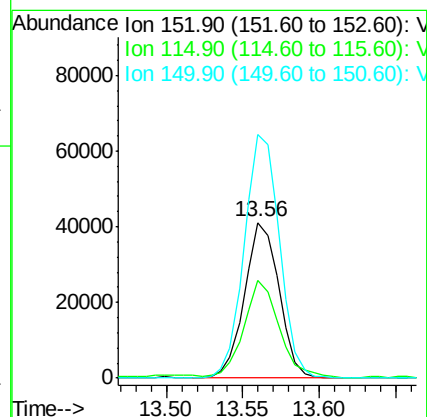
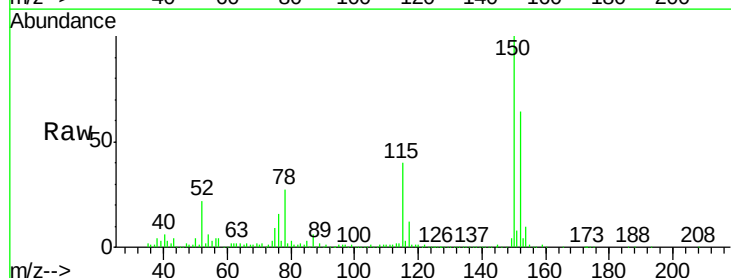
Instrument :
MSVOA_W
ClientSampleId :
DS-D

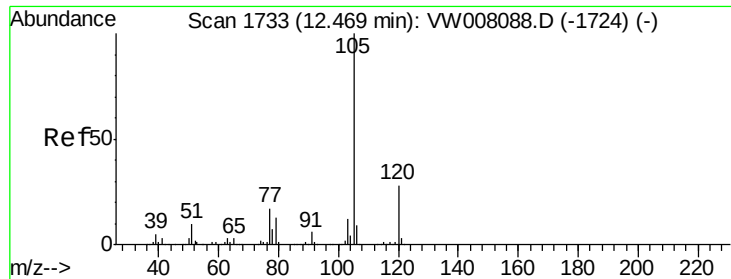
Tgt Ion:106 Resp: 13674
Ion Ratio Lower Upper
106 100
91 208.1 107.8 323.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008221.D
Acq: 12 Jan 2019 05:22

Tgt Ion:152 Resp: 64115
Ion Ratio Lower Upper
152 100
115 64.0 30.8 92.4
150 161.0 0.0 350.2





#73

Isopropylbenzene

Concen: 1.813 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008221.D

Acq: 12 Jan 2019 05:22

Instrument :

MSVOA_W

ClientSampleId :

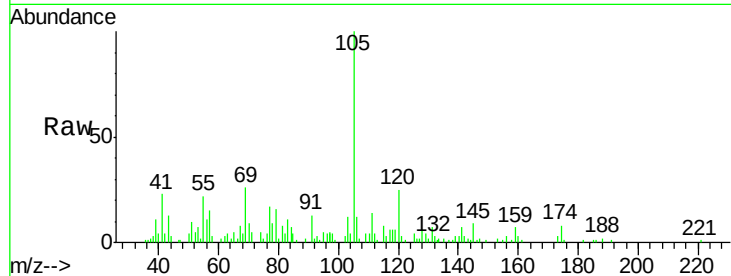
DS-D

Tgt Ion: 105 Resp: 9125

Ion Ratio Lower Upper

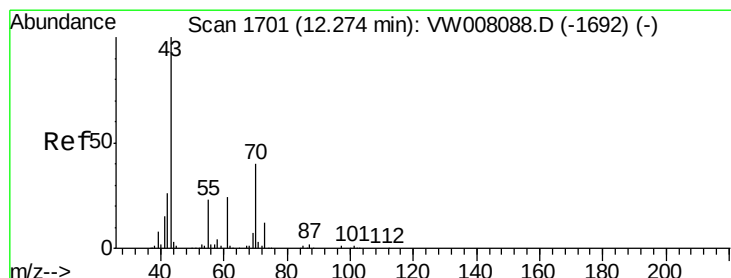
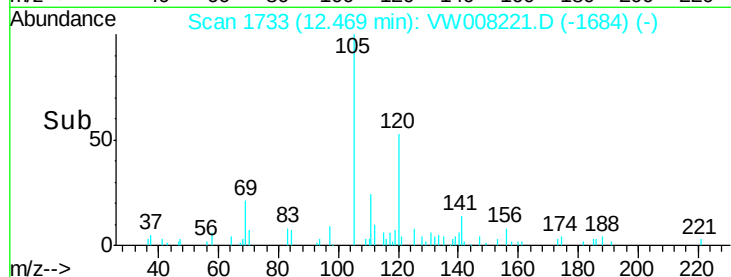
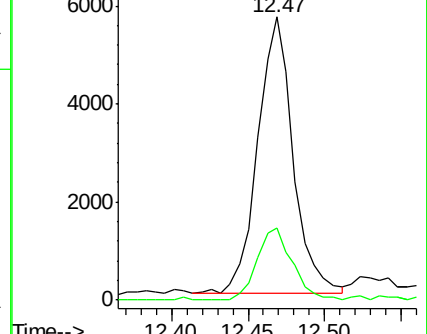
105 100

120 25.8 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 2.773 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008221.D

Acq: 12 Jan 2019 05:22

Tgt Ion: 43 Resp: 3091

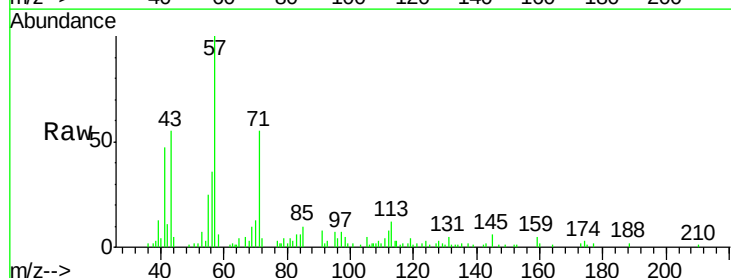
Ion Ratio Lower Upper

43 100

70 8.5 32.4 48.6#

55 0.0 18.7 28.1#

61 0.0 19.0 28.6#

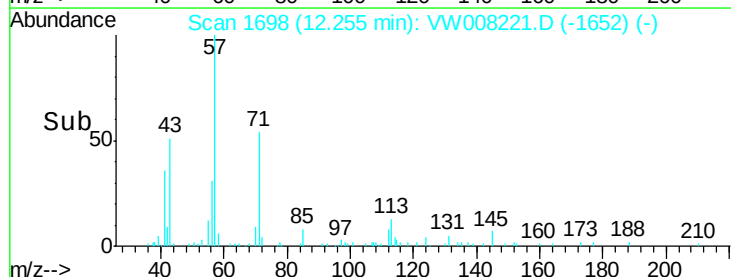
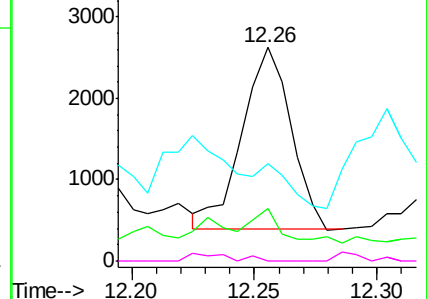


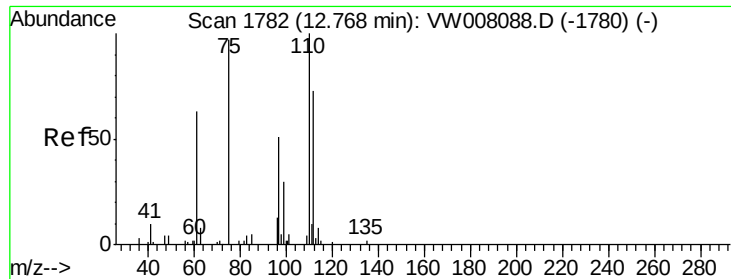
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

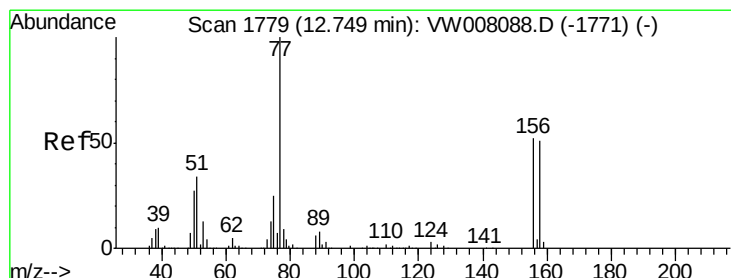
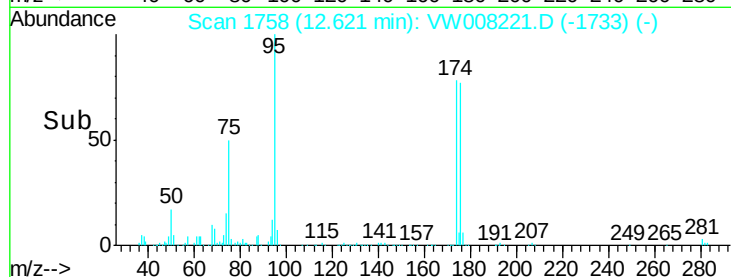
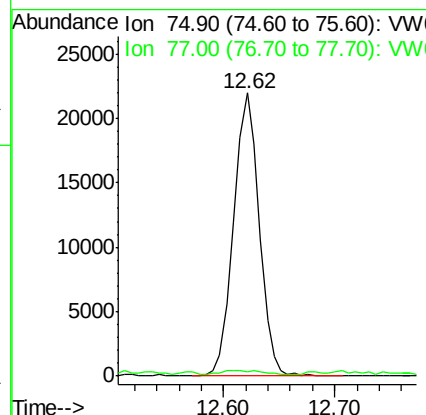
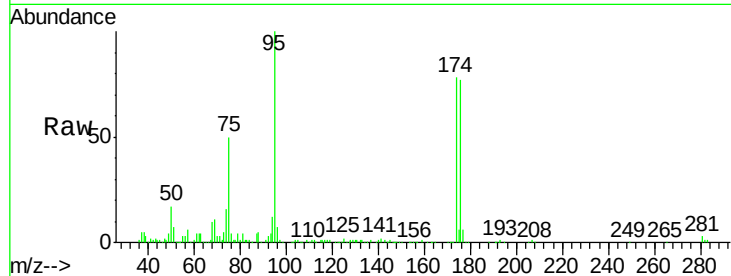




#76
 1,2,3-Trichloropropane
 Concen: 59.982 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008221.D
 Acq: 12 Jan 2019 05:22

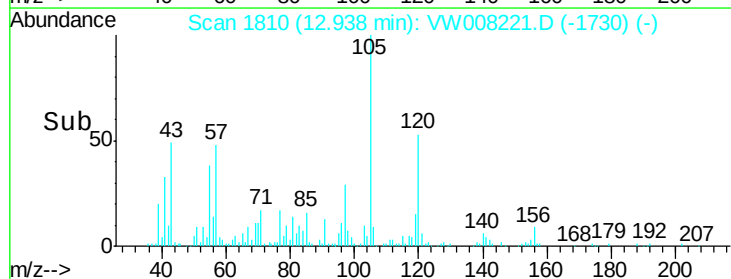
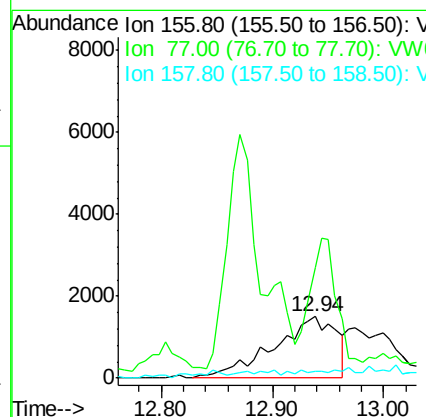
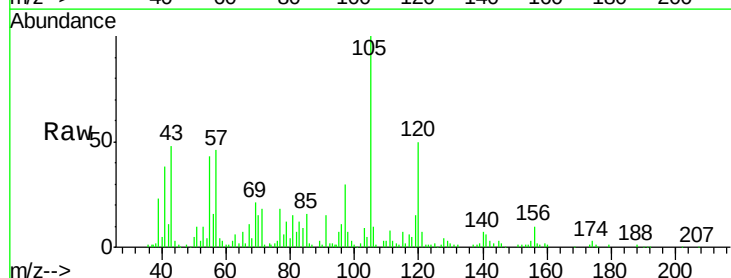
Instrument :
 MSVOA_W
 ClientSampleId :
 DS-D

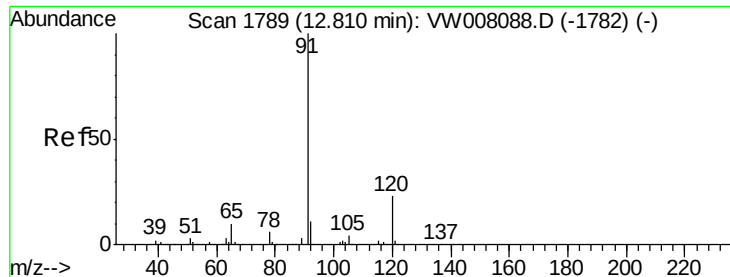
Tgt Ion: 75 Resp: 35058
 Ion Ratio Lower Upper
 75 100
 77 1.9 179.4 538.2#



#77
 Bromobenzene
 Concen: 5.478 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. 0.19 min
 Lab File: VW008221.D
 Acq: 12 Jan 2019 05:22

Tgt Ion: 156 Resp: 5826
 Ion Ratio Lower Upper
 156 100
 77 90.4 104.2 312.5#
 158 0.7 47.9 143.6#





#78

n-propylbenzene

Concen: 3.552 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008221.D

Acq: 12 Jan 2019 05:22

Instrument :

MSVOA_W

ClientSampleId :

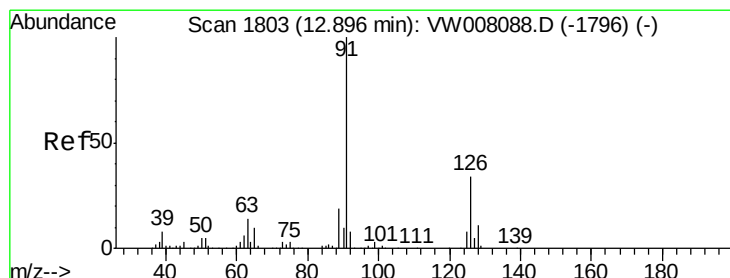
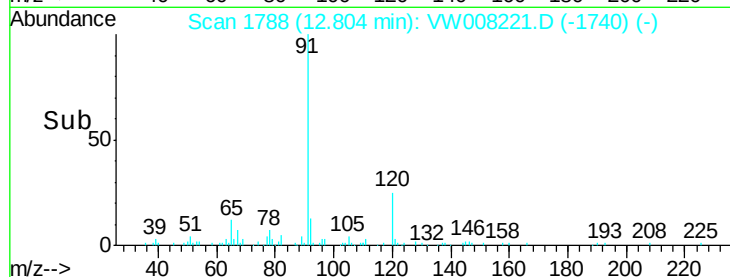
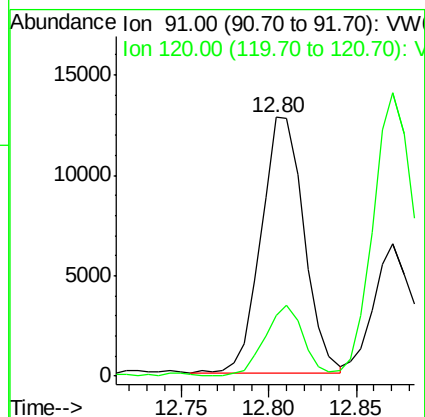
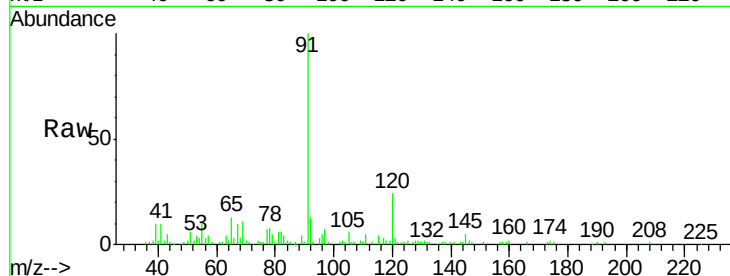
DS-D

Tgt Ion: 91 Resp: 21909

Ion Ratio Lower Upper

91 100

120 24.7 11.3 33.8



#79

2-Chlorotoluene

Concen: 2.928 ug/l

RT: 12.87 min Scan# 1799

Delta R.T. -0.02 min

Lab File: VW008221.D

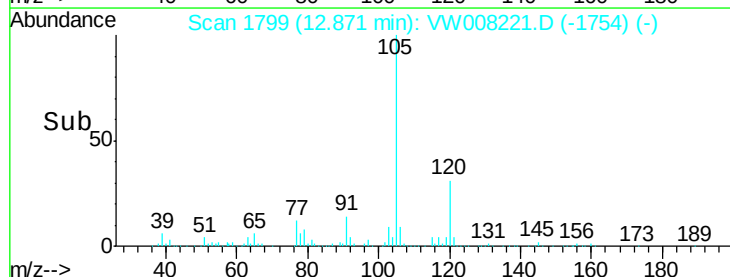
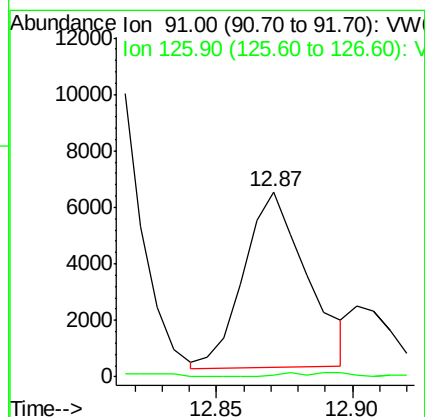
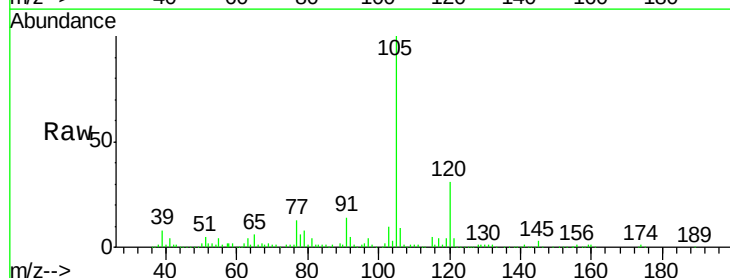
Acq: 12 Jan 2019 05:22

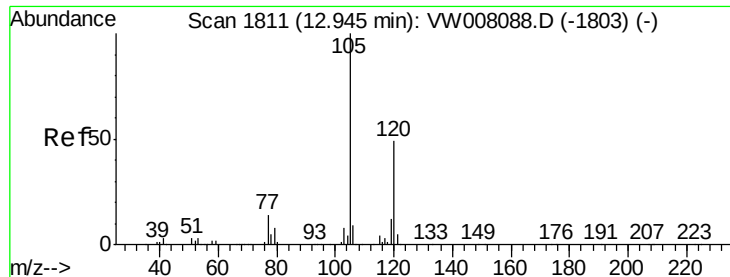
Tgt Ion: 91 Resp: 10075

Ion Ratio Lower Upper

91 100

126 2.4 16.8 50.3#

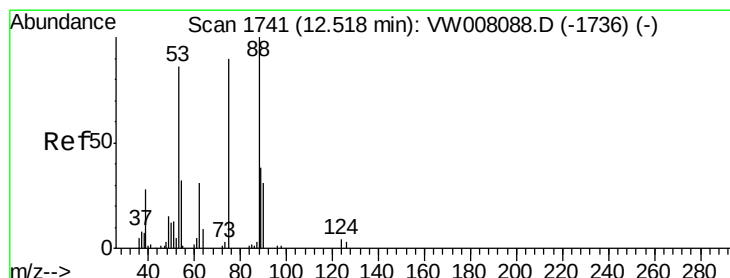
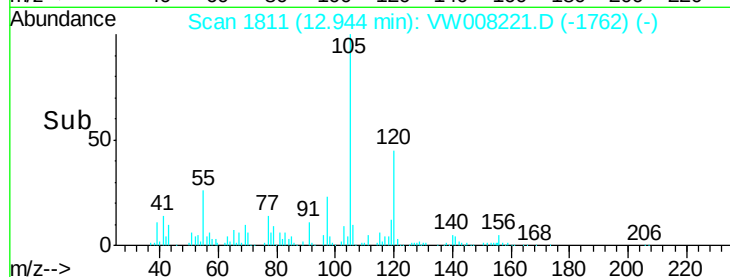
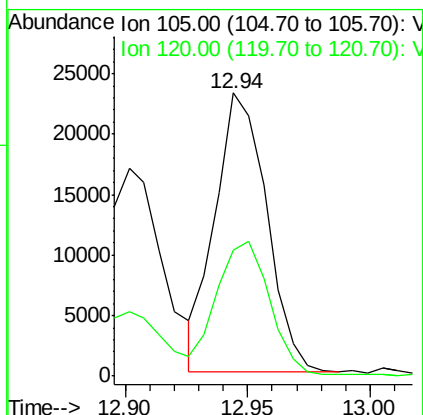
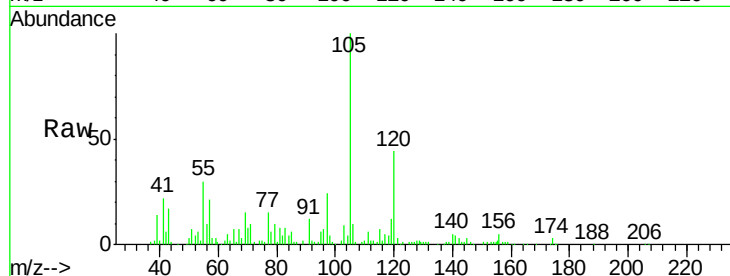




#80
 1,3,5-Trimethylbenzene
 Concen: 8.135 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008221.D
 Acq: 12 Jan 2019 05:22

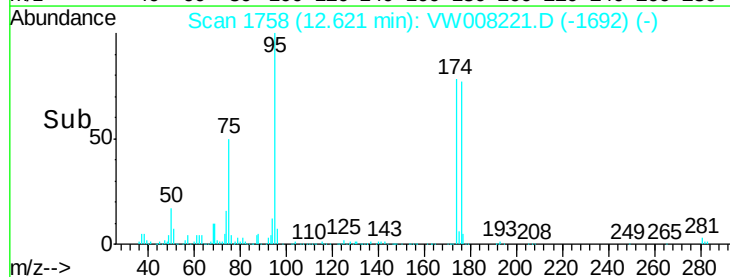
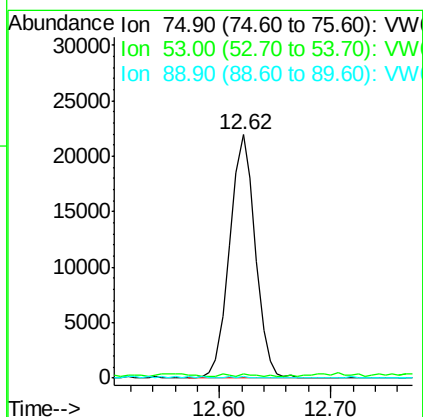
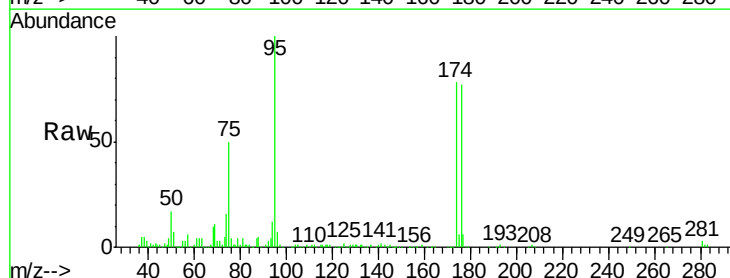
Instrument :
 MSVOA_W
 ClientSampled :
 DS-D

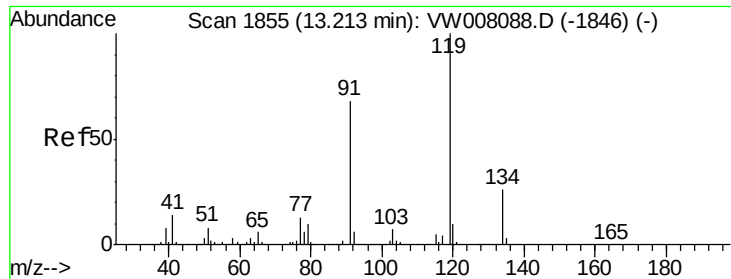
Tgt Ion: 105 Resp: 33648
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.7 74.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.679 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW008221.D
 Acq: 12 Jan 2019 05:22

Tgt Ion: 75 Resp: 35058
 Ion Ratio Lower Upper
 75 100
 53 0.3 78.8 118.2#
 89 0.7 35.4 53.2#

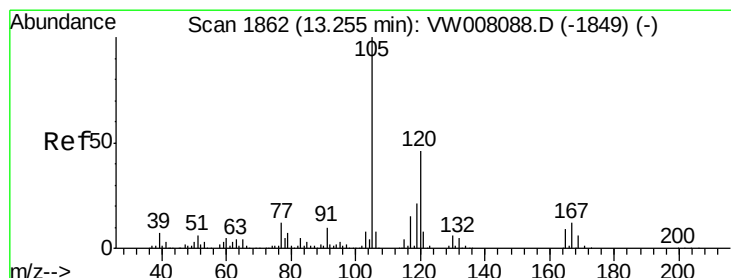
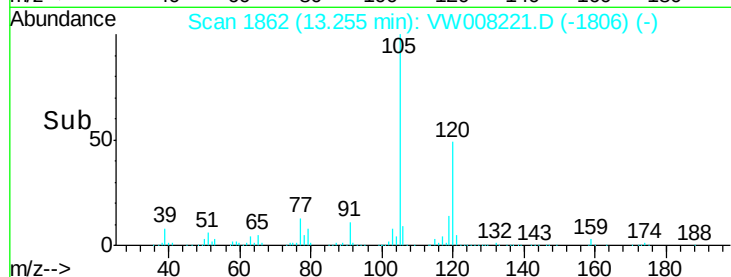
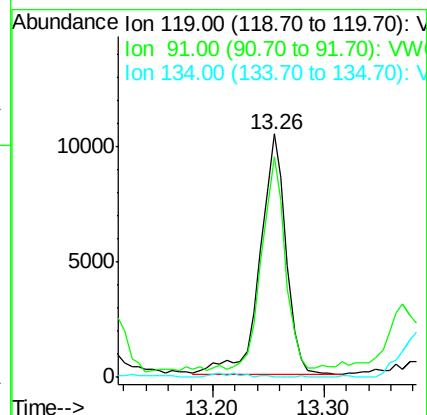
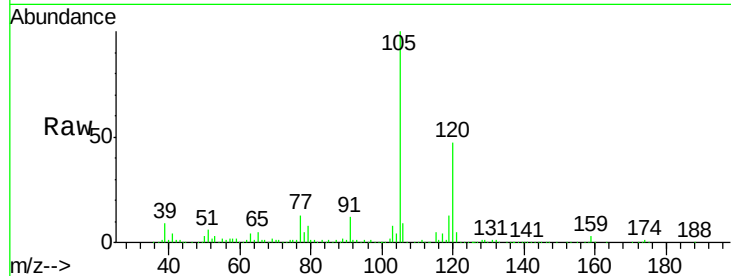




#83
 tert-Butylbenzene
 Concen: 4.720 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.04 min
 Lab File: VW008221.D
 Acq: 12 Jan 2019 05:22

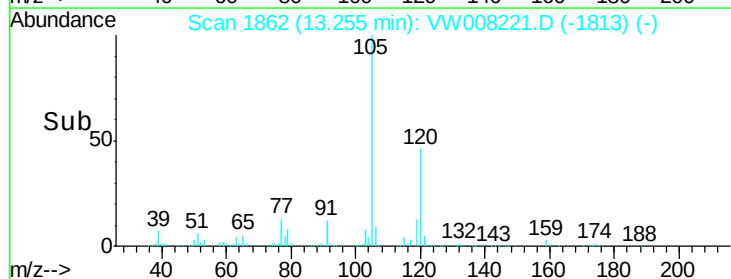
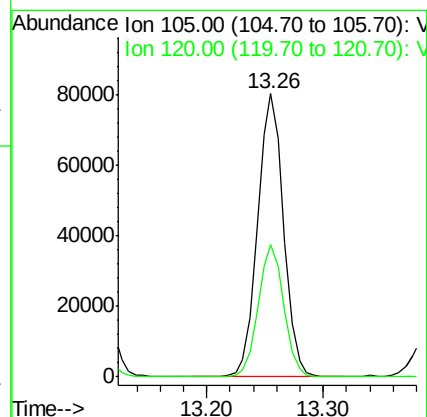
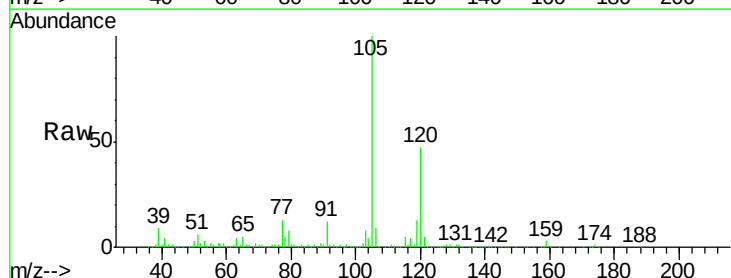
Instrument :
 MSVOA_W
 ClientSampleId :
 DS-D

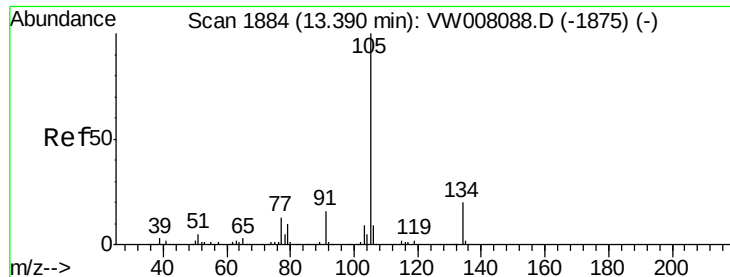
Tgt Ion:119 Resp: 17274
 Ion Ratio Lower Upper
 119 100
 91 78.3 33.9 101.6
 134 0.0 13.6 40.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 28.899 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008221.D
 Acq: 12 Jan 2019 05:22

Tgt Ion:105 Resp: 123288
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.7 68.1

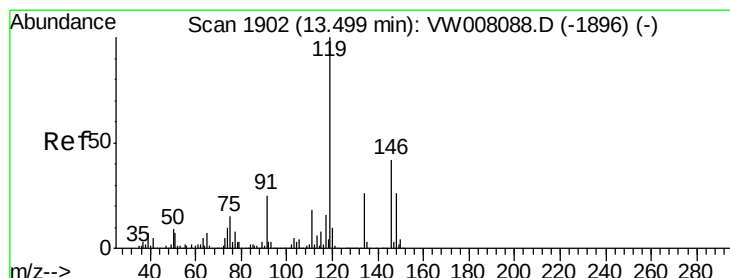
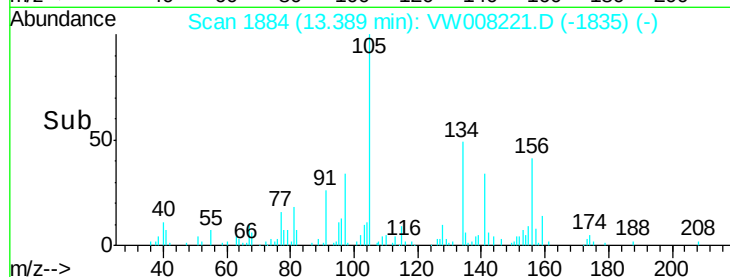
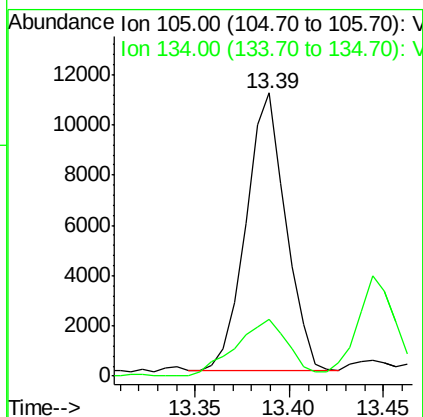
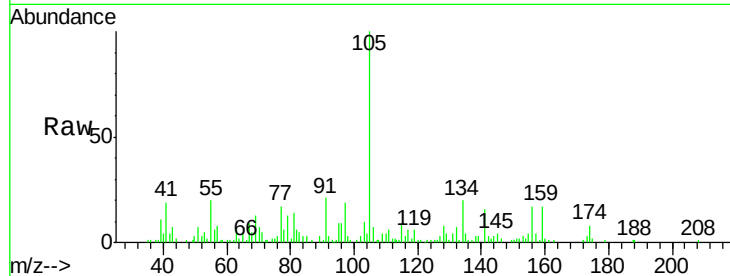




#85
 sec-Butylbenzene
 Concen: 3.026 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008221.D
 Acq: 12 Jan 2019 05:22

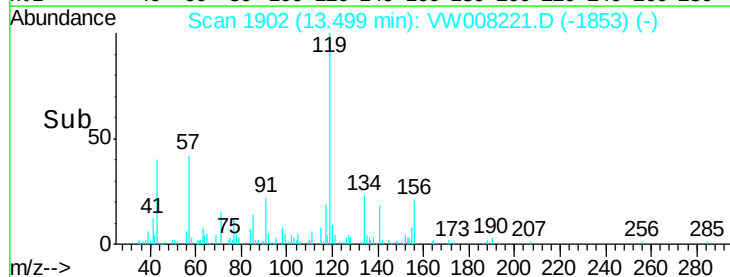
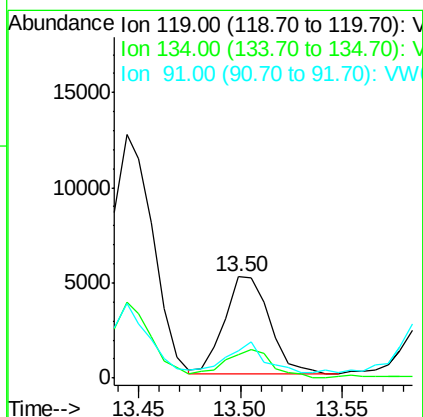
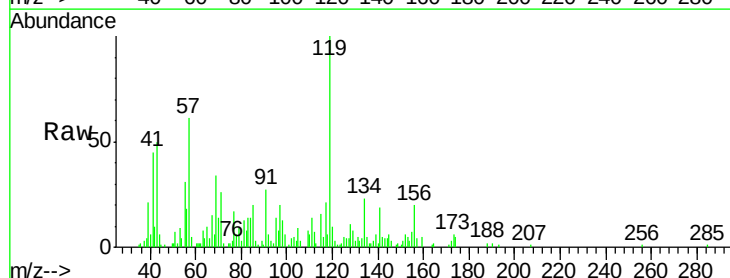
Instrument :
 MSVOA_W
 ClientSampled :
 DS-D

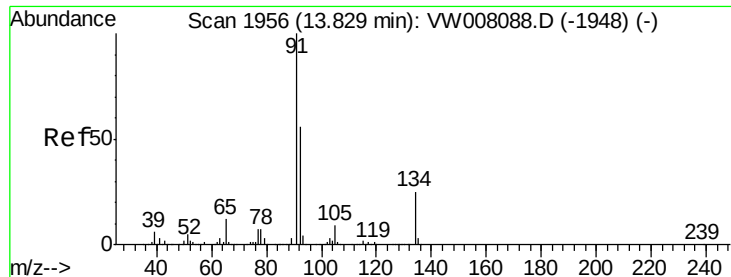
Tgt Ion:105 Resp: 16223
 Ion Ratio Lower Upper
 105 100
 134 26.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 1.689 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008221.D
 Acq: 12 Jan 2019 05:22

Tgt Ion:119 Resp: 7819
 Ion Ratio Lower Upper
 119 100
 134 31.3 13.3 39.8
 91 24.9 12.3 36.9





#89

n-Butylbenzene

Concen: 2.807 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008221.D

Acq: 12 Jan 2019 05:22

Instrument :

MSVOA_W

ClientSampleId :

DS-D

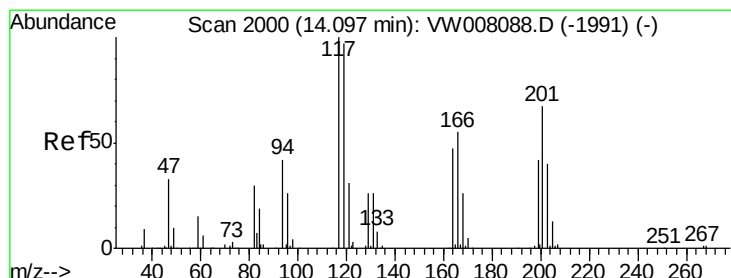
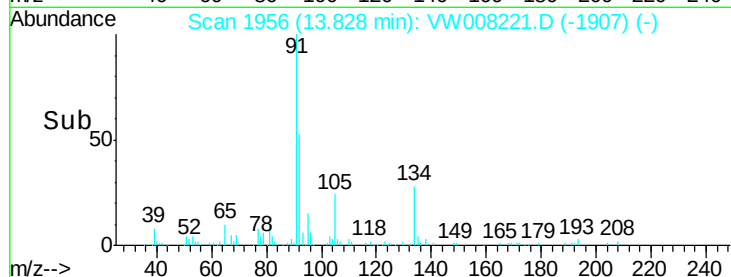
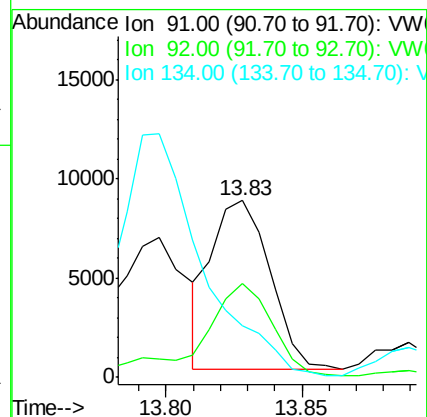
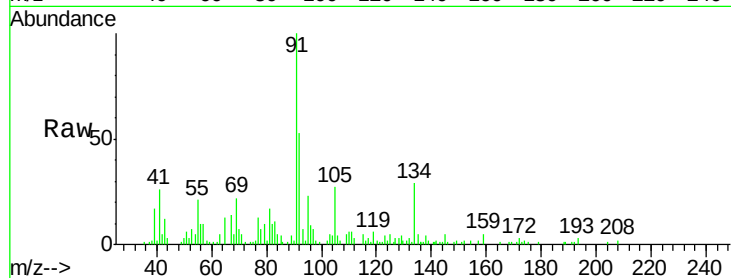
Tgt Ion: 91 Resp: 12725

Ion Ratio Lower Upper

91 100

92 65.2 27.4 82.2

134 0.0 12.6 37.8#



#90

Hexachloroethane

Concen: 6.147 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008221.D

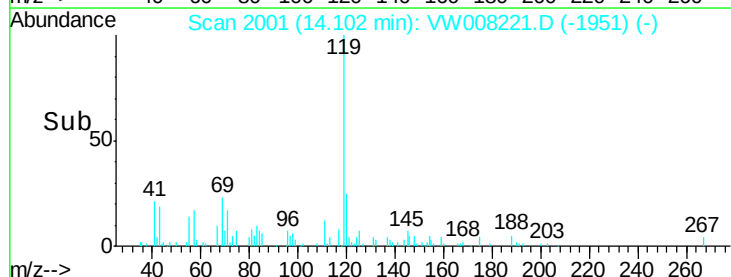
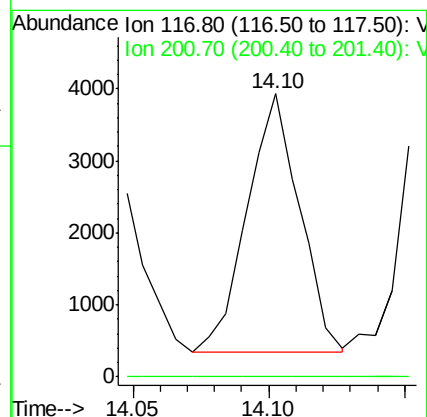
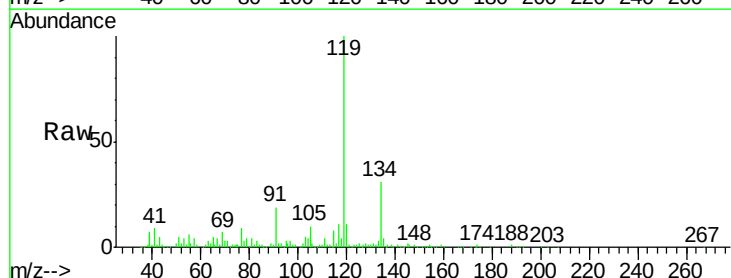
Acq: 12 Jan 2019 05:22

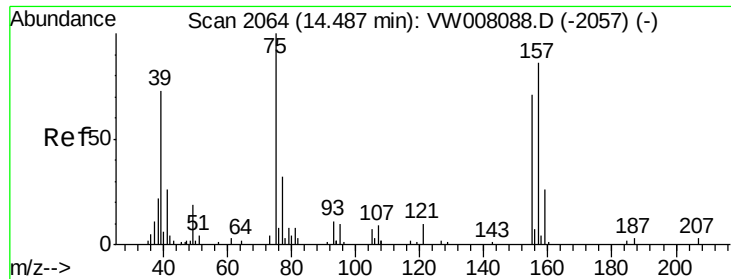
Tgt Ion: 117 Resp: 4806

Ion Ratio Lower Upper

117 100

201 0.0 33.0 98.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.010 ug/l

RT: 14.28 min Scan# 2030

Delta R.T. -0.21 min

Lab File: VW008221.D

Acq: 12 Jan 2019 05:22

Instrument :

MSVOA_W

ClientSampled :

DS-D

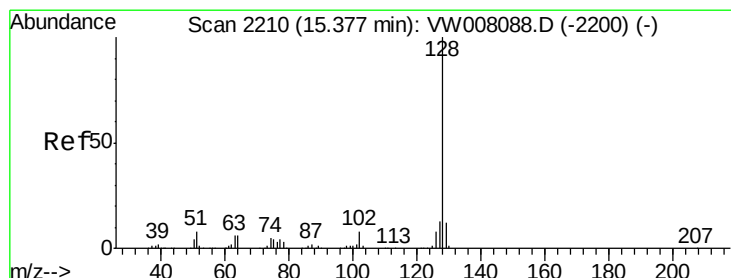
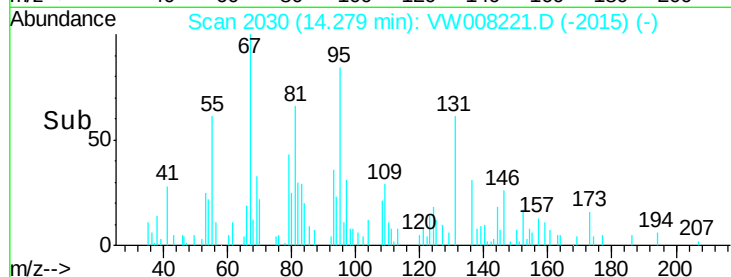
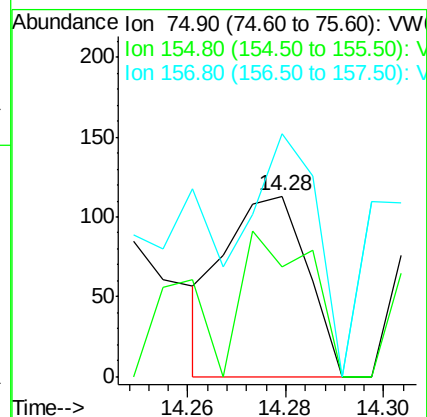
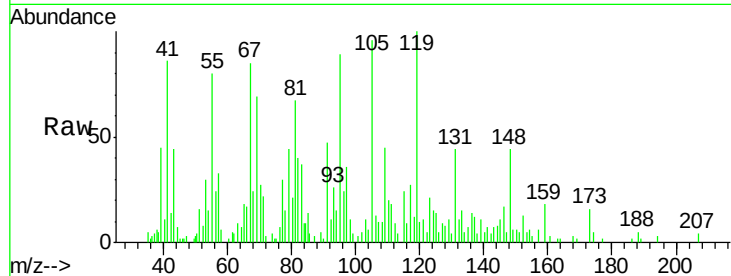
Tgt Ion: 75 Resp: 131

Ion Ratio Lower Upper

75 100

155 66.4 38.6 115.7

157 106.1 47.5 142.6



#95

Naphthalene

Concen: 3.650 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW008221.D

Acq: 12 Jan 2019 05:22

Tgt Ion: 128 Resp: 8580

Ion Ratio Lower Upper

128 100

127 11.0 11.0 16.4

129 8.9 9.0 13.6#

