

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002386.D
 Acq On : 10 May 2018 17:40
 Operator : JC/SY
 Sample : J2733-09
 Misc : 3.66G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 11 04:52:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	183689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	294359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	238266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	85557	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	85327	43.74	ug/l	0.00
Spiked Amount			Recovery	=	87.48%	
35) Dibromofluoromethane	7.88	113	6472	3.43	ug/l	0.00
Spiked Amount			Recovery	=	6.86%	
50) Toluene-d8	10.33	98	243000	33.77	ug/l	0.00
Spiked Amount			Recovery	=	67.54%	
62) 4-Bromofluorobenzene	12.63	95	78638	30.25	ug/l	0.00
Spiked Amount			Recovery	=	60.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	2910	20.52	ug/l	# 96
16) Acetone	4.12	43	68696	180.32	ug/l	94
20) Methylene Chloride	4.91	84	8991	4.90	ug/l	96
25) 2-Butanone	7.18	43	12797	22.62	ug/l	97
29) Tetrahydrofuran	7.54	42	1032	2.78	ug/l	# 76
31) Cyclohexane	7.94	56	5971	2.06	ug/l	# 59
36) 1,1-Dichloropropene	7.95	75	13561	5.09	ug/l	# 49
37) Ethyl Acetate	7.18	43	12797	9.86	ug/l	# 69
38) Carbon Tetrachloride	7.95	117	17525	6.81	ug/l	# 15
39) Methylcyclohexane	9.34	83	5719	1.84	ug/l	94
40) Benzene	8.32	78	10819	1.39	ug/l	93
51) 4-Methyl-2-Pentanone	10.22	43	3446	2.54	ug/l	98
52) Toluene	10.39	92	22661	4.59	ug/l	95
55) 1,1,2-Trichloroethane	10.76	97	2651	1.73	ug/l	# 23
59) 2-Hexanone	10.95	43	4968	5.35	ug/l	# 27
64) Tetrachloroethene	10.88	164	1972	1.08	ug/l	# 61
67) Ethyl Benzene	11.74	91	30704	3.67	ug/l	95
68) m/p-Xylenes	11.84	106	48916	15.15	ug/l	99
69) o-Xylene	12.18	106	34305	11.17	ug/l	98
73) Isopropylbenzene	12.48	105	11342	2.04	ug/l	95
74) N-amyl acetate	12.24	43	5501	3.96	ug/l	# 66
76) 1,2,3-Trichloropropane	12.63	75	40030	52.76	ug/l	# 1
77) Bromobenzene	12.94	156	15200	10.85	ug/l	# 1
78) n-propylbenzene	12.81	91	13100	1.99	ug/l	100
79) 2-Chlorotoluene	12.88	91	10155	2.68	ug/l	# 40
80) 1,3,5-Trimethylbenzene	12.96	105	72268	15.46	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.63	75	40030	138.98	ug/l	# 10
83) tert-Butylbenzene	13.27	119	15401	3.83	ug/l	# 67
84) 1,2,4-Trimethylbenzene	13.26	105	116060	23.95	ug/l	98
85) sec-Butylbenzene	13.40	105	5953	1.04	ug/l	81
88) 1,4-Dichlorobenzene	13.59	146	3000	1.08	ug/l	# 50
89) n-Butylbenzene	13.80	91	5825	1.21	ug/l	# 1
90) Hexachloroethane	14.11	117	5400	5.88	ug/l	# 7
92) 1,2-Dibromo-3-Chloropropan	14.51	75	226	1.22	ug/l	# 1

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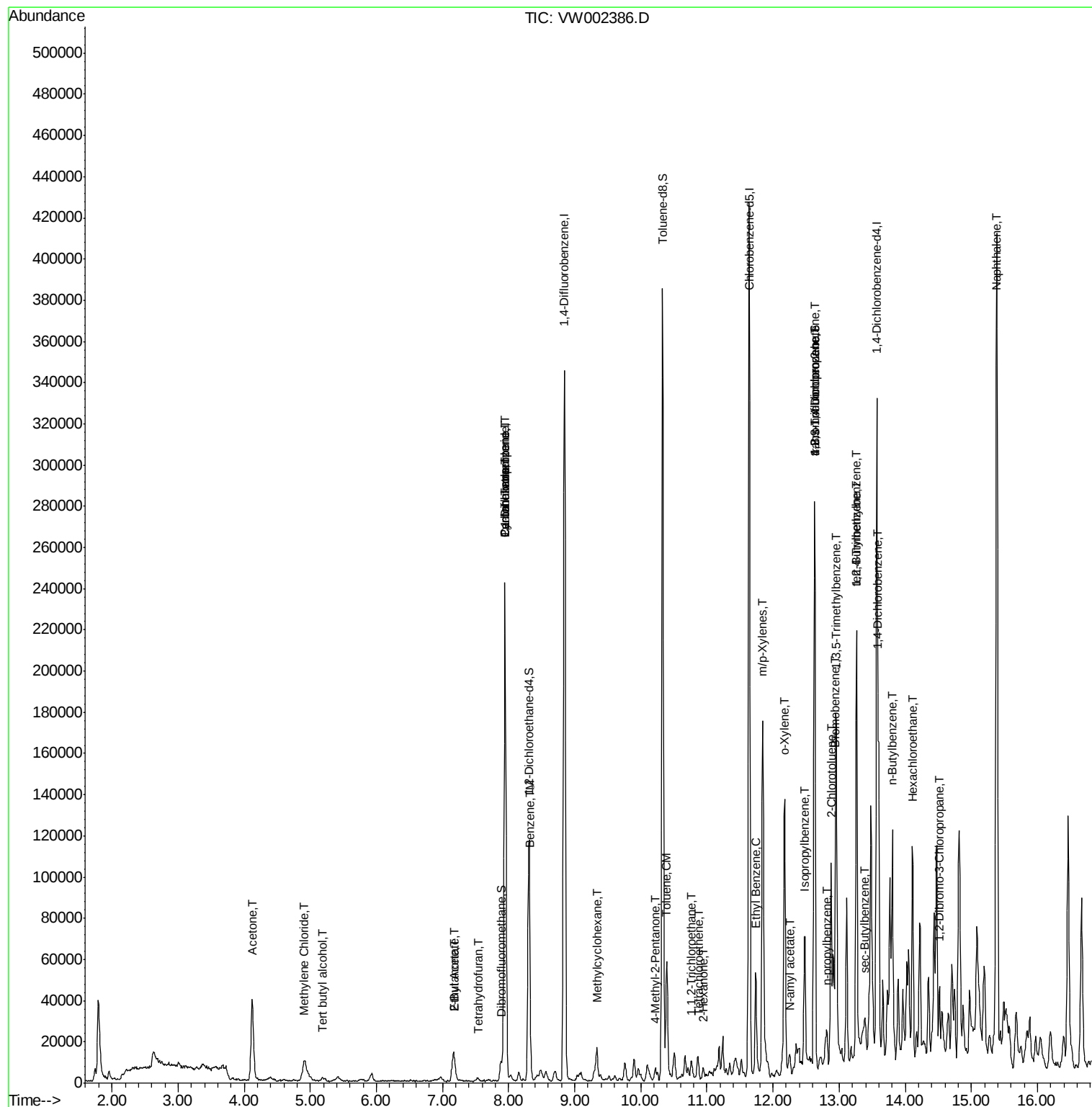
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.38	128	338439	102.35	ug/l	99

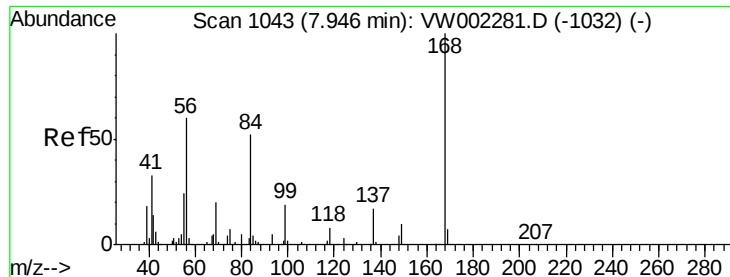
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

Instrument :

MSVOA_W

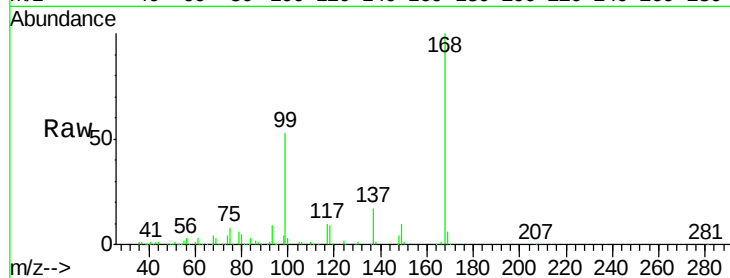
ClientSampled :

Tot Ion:168 Resp: 183689

Ion Ratio Lower Upper

168 100

99 52.7 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

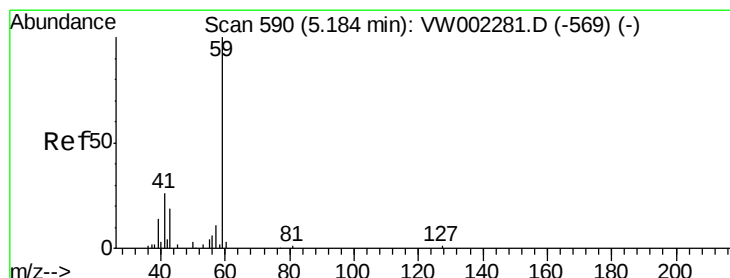
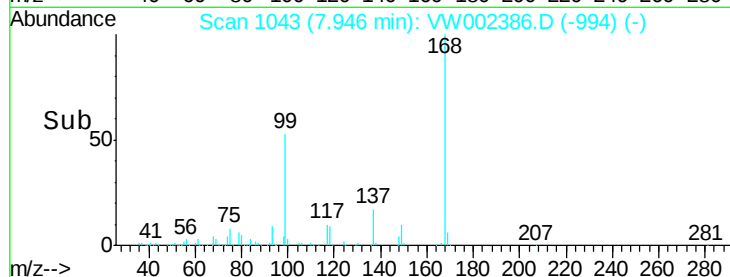
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 20.52 ug/l

RT: 5.18 min Scan# 589

Delta R.T. -0.01 min

Lab File: VW002386.D

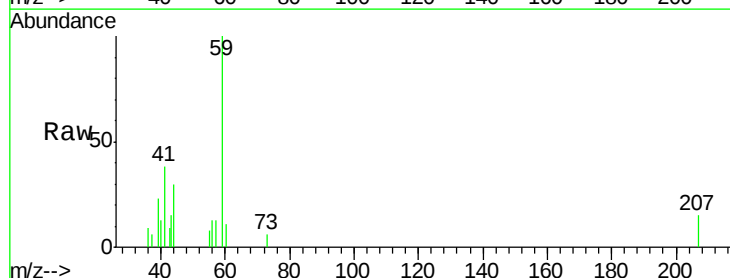
Acq: 10 May 2018 17:40

Tgt Ion: 59 Resp: 2910

Ion Ratio Lower Upper

59 100

57 3.7 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

1000

800

600

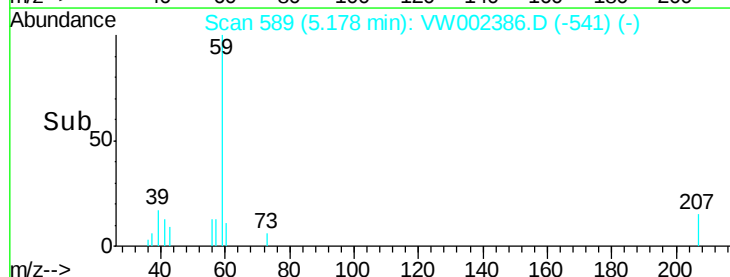
400

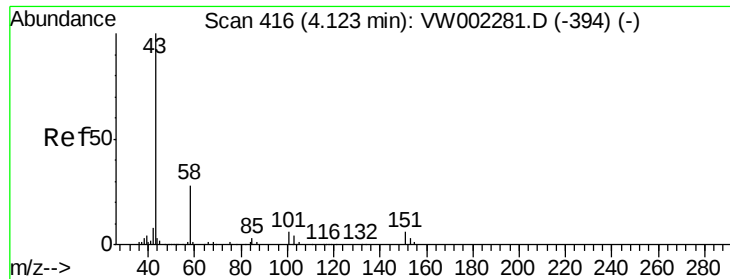
200

0

5.10 5.15 5.20 5.25 5.30

Time-->





#16

Acetone

Concen: 180.32 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

Instrument :

MSVOA_W

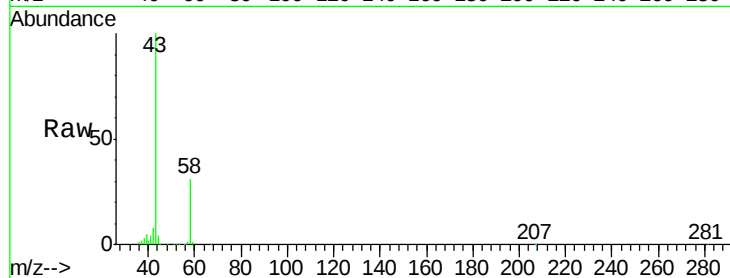
ClientSampled :

Tot Ion: 43 Resp: 68696

Ion Ratio Lower Upper

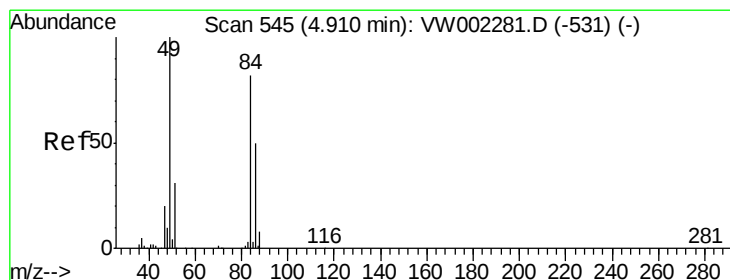
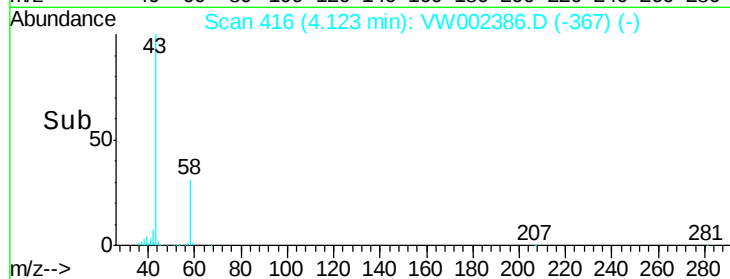
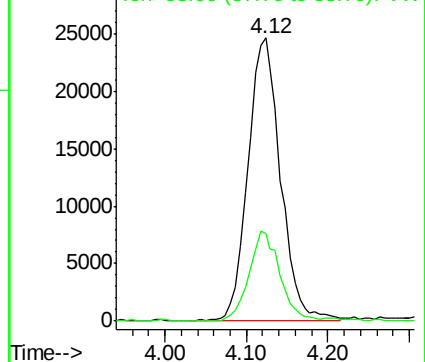
43 100

58 30.8 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 4.90 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.00 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

Tgt Ion: 84 Resp: 8991

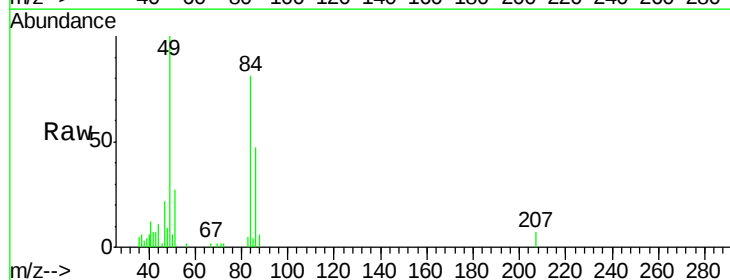
Ion Ratio Lower Upper

84 100

49 122.9 97.7 146.5

51 30.7 30.2 45.4

86 57.4 48.9 73.3

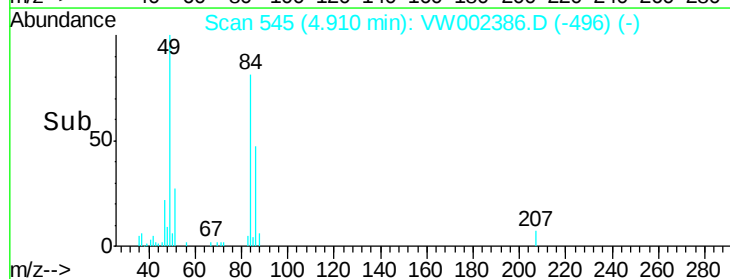
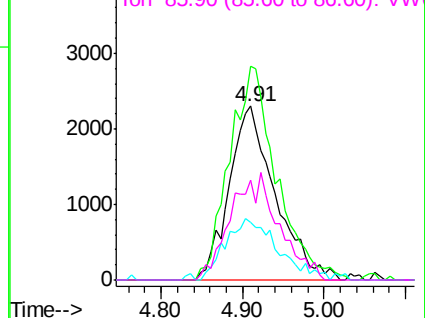


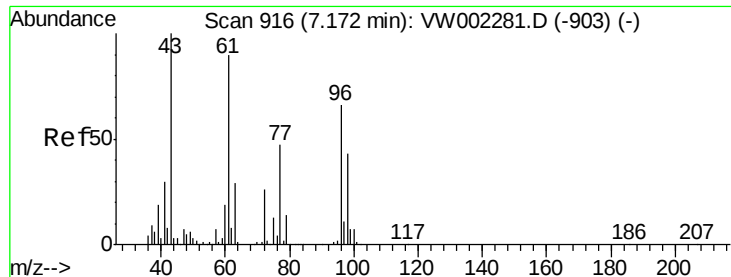
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 22.62 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

Instrument :

MSVOA_W

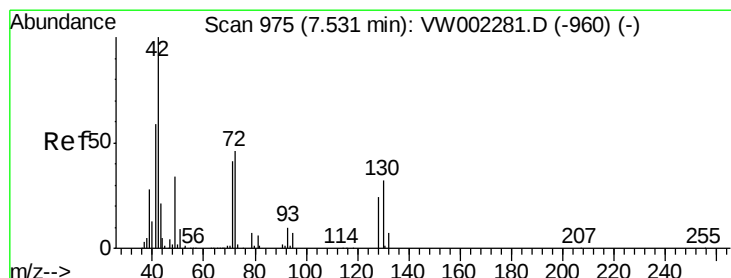
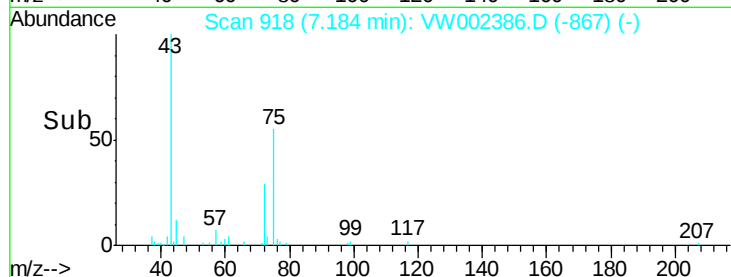
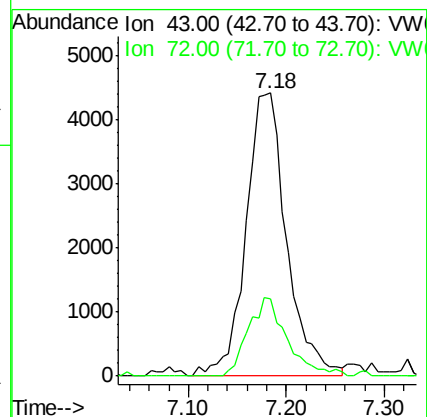
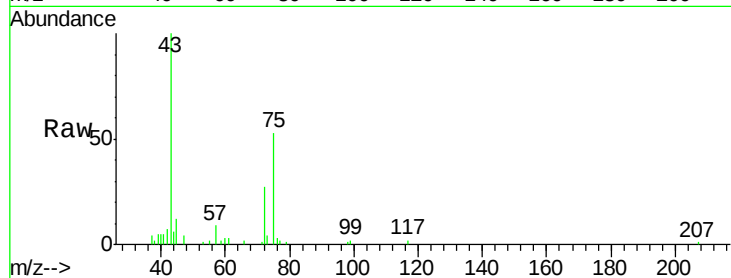
ClientSampleId :

Tot Ion: 43 Resp: 12797

Ion Ratio Lower Upper

43 100

72 27.5 20.6 31.0



#29

Tetrahydrofuran

Concen: 2.78 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.01 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

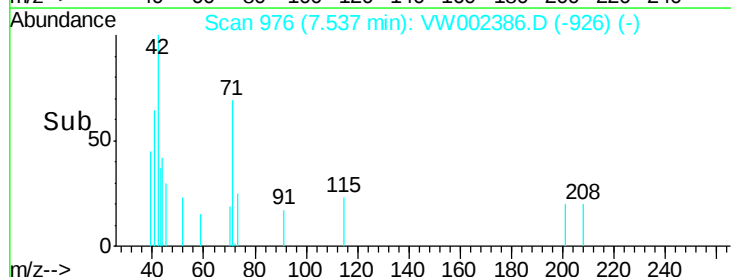
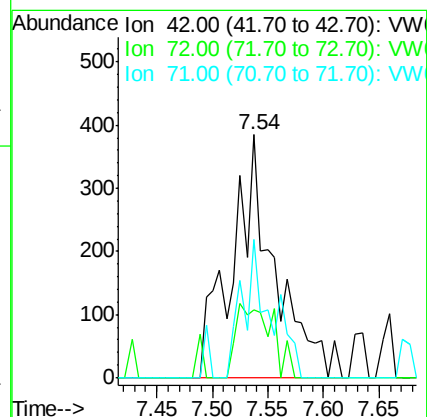
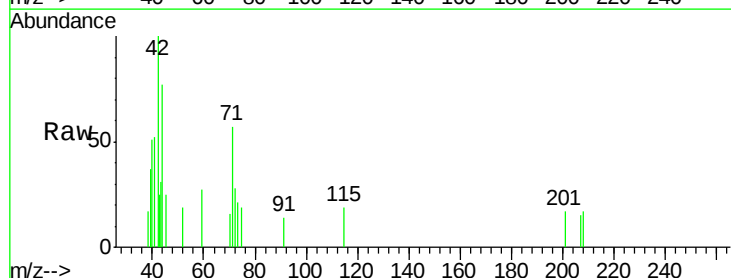
Tgt Ion: 42 Resp: 1032

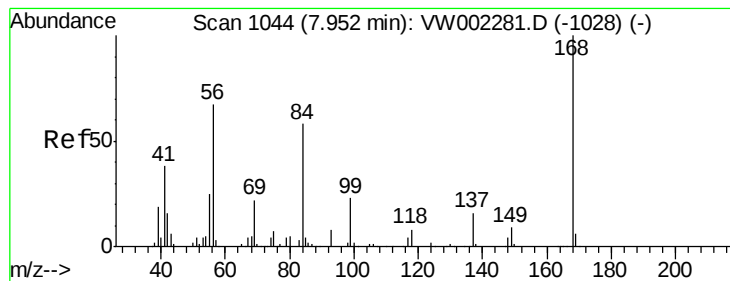
Ion Ratio Lower Upper

42 100

72 25.5 34.5 51.7#

71 28.7 33.0 49.6#





#31

Cyclohexane

Concen: 2.06 ug/l

RT: 7.94 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

Instrument :

MSVOA_W

ClientSampled :

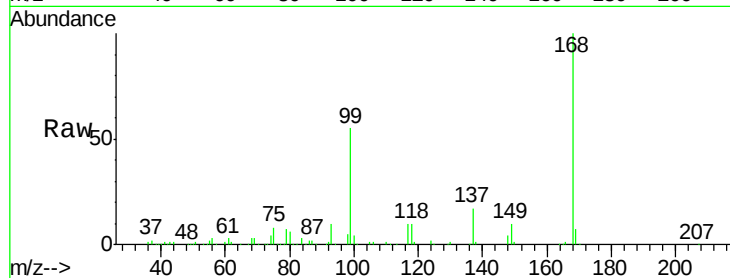
Tot Ion: 56 Resp: 5971

Ion Ratio Lower Upper

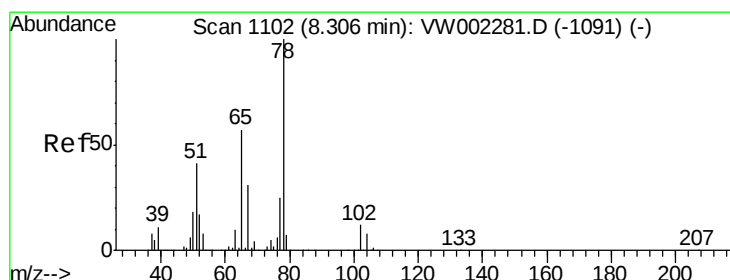
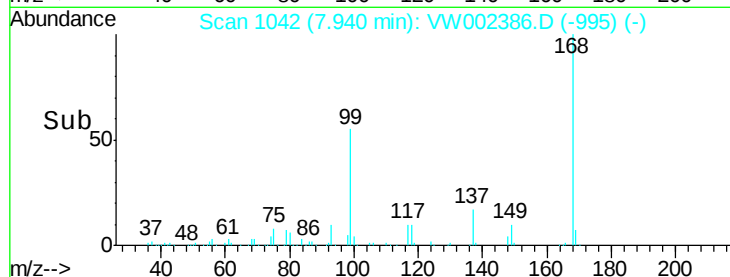
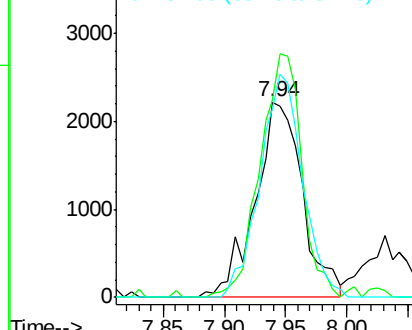
56 100

69 101.0 26.2 39.4#

84 96.8 69.2 103.8



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 43.74 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VW002386.D

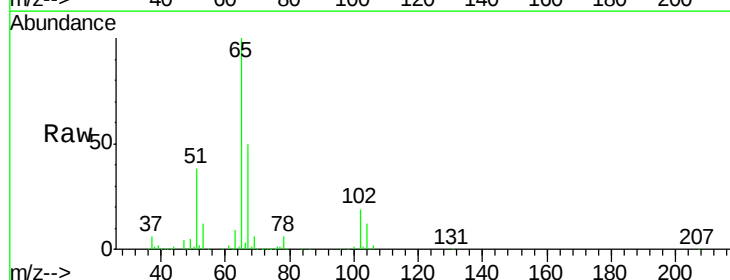
Acq: 10 May 2018 17:40

Tgt Ion: 65 Resp: 85327

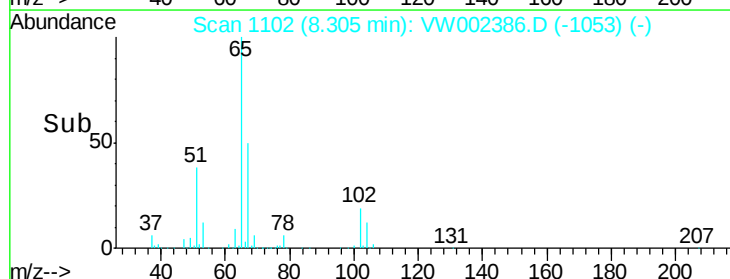
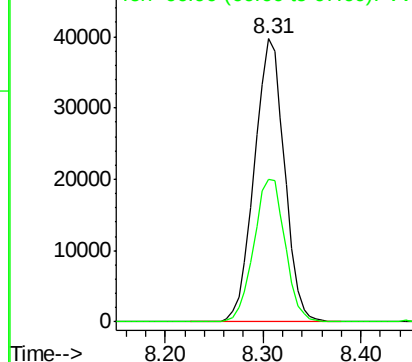
Ion Ratio Lower Upper

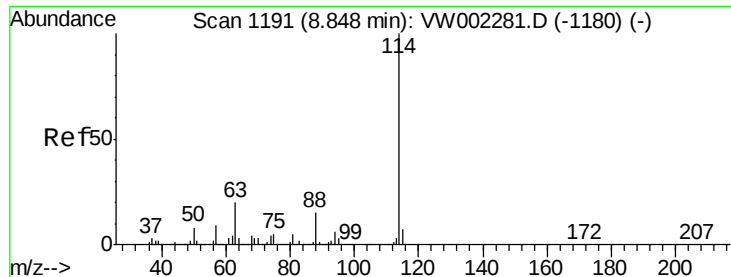
65 100

67 52.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

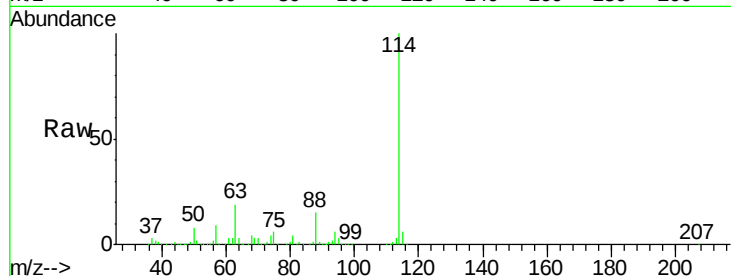




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002386.D
 Acq: 10 May 2018 17:40

Instrument :
 MSVOA_W
 ClientSampleId :

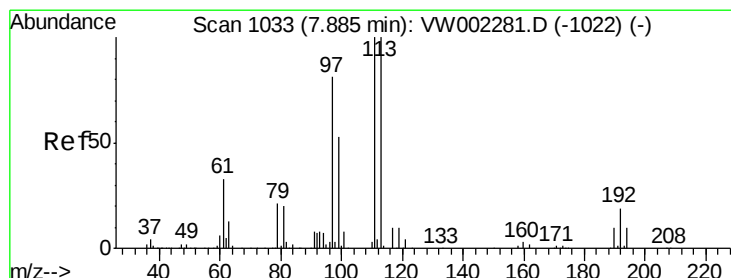
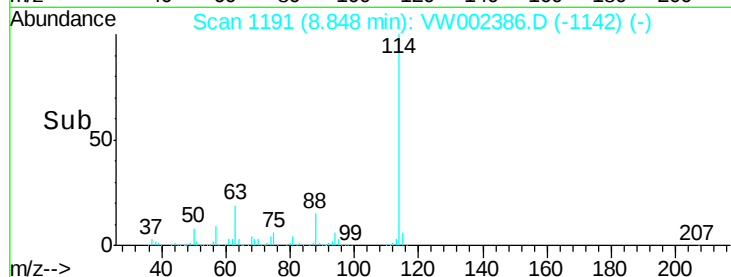
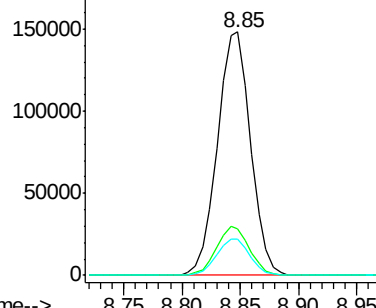
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.0
88	15.1	0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

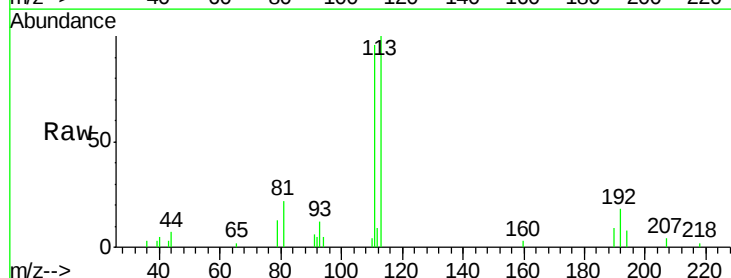
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 3.43 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW002386.D
 Acq: 10 May 2018 17:40

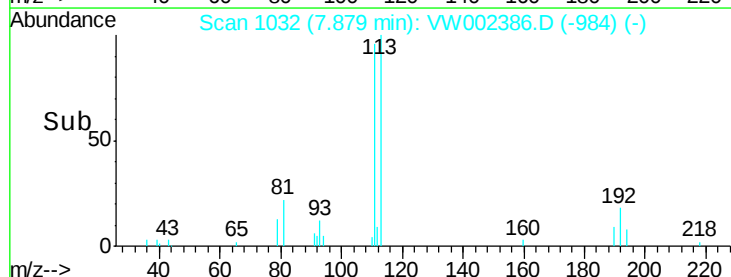
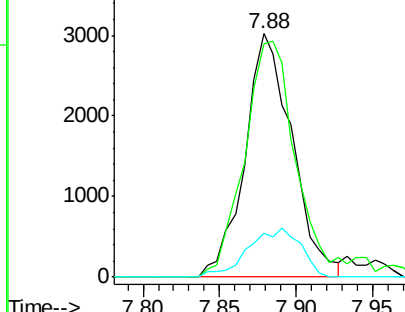
Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.3	81.5	122.3
192	22.4	16.4	24.6

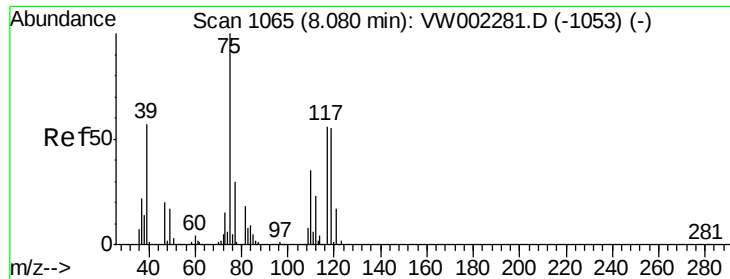


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

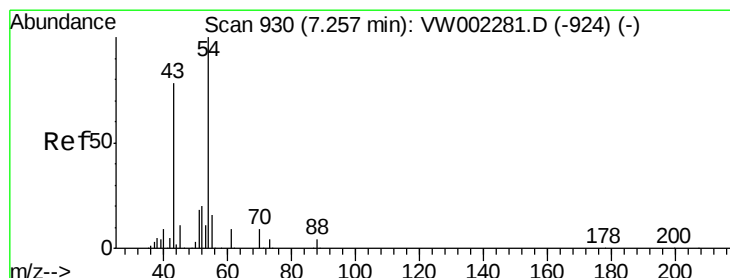
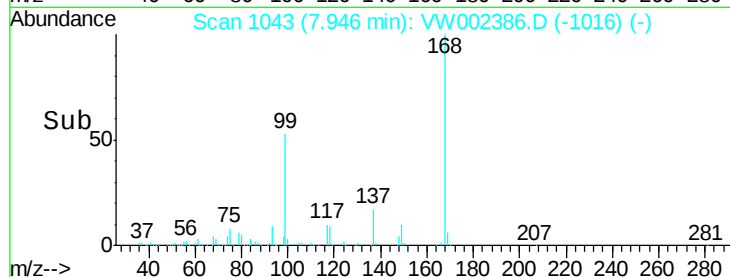
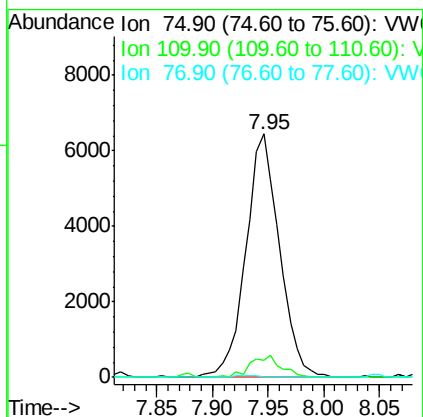
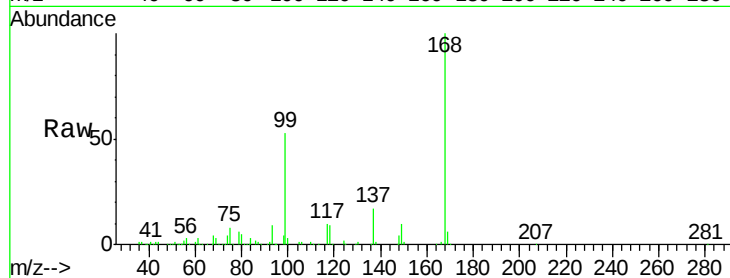




#36
 1,1-Dichloropropene
 Concen: 5.09 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002386.D
 Acq: 10 May 2018 17:40

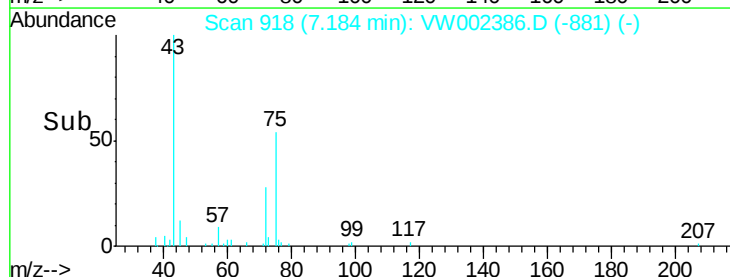
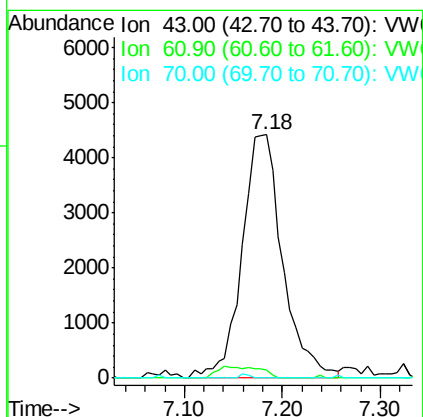
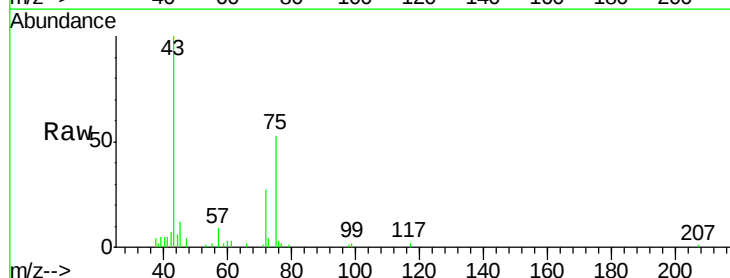
Instrument :
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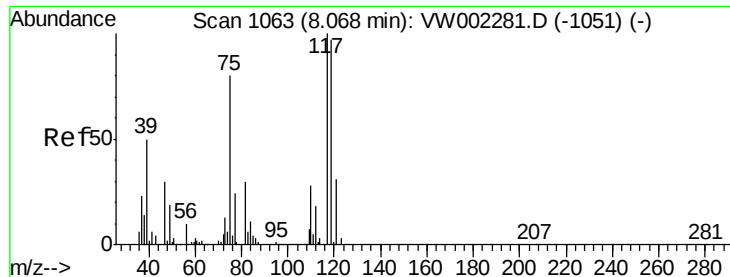
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.1	54.1#
77	0.0	24.5	36.7#



#37
 Ethyl Acetate
 Concen: 9.86 ug/l
 RT: 7.18 min Scan# 918
 Delta R.T. -0.07 min
 Lab File: VW002386.D
 Acq: 10 May 2018 17:40

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.1	16.7#
70	0.0	7.9	11.9#

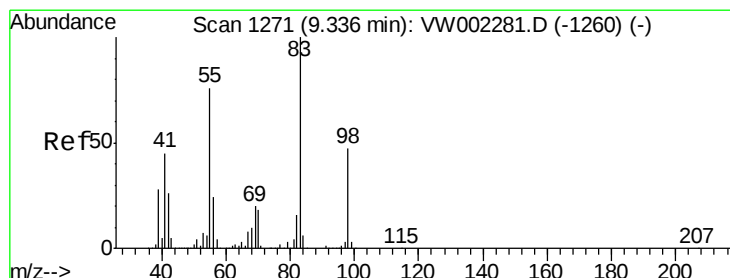
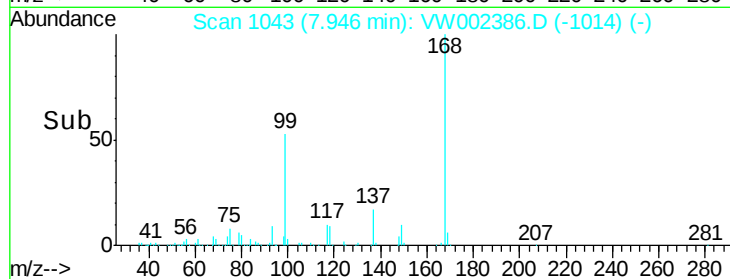
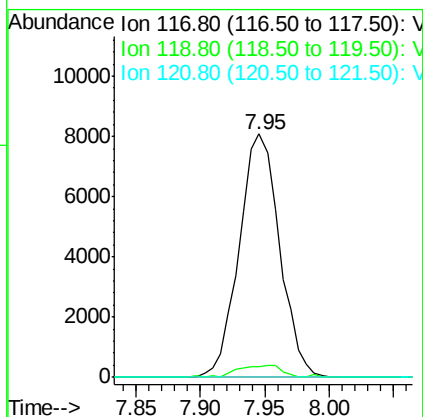
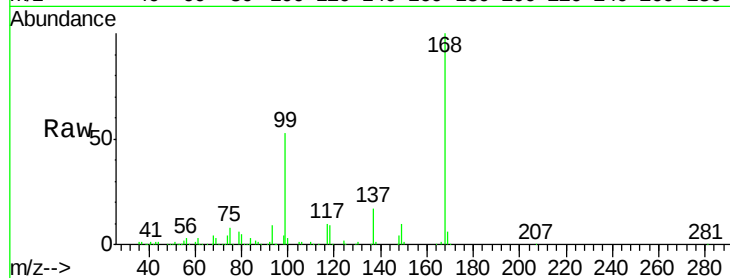




#38
Carbon Tetrachloride
Concen: 6.81 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW002386.D
Acq: 10 May 2018 17:40

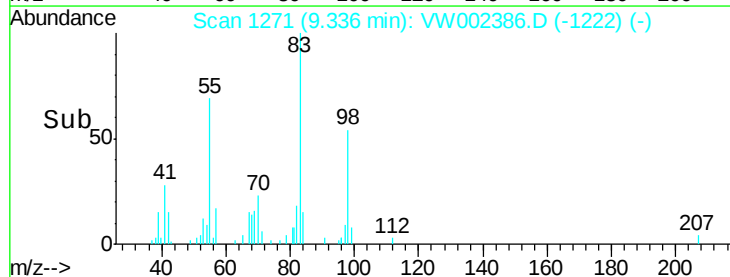
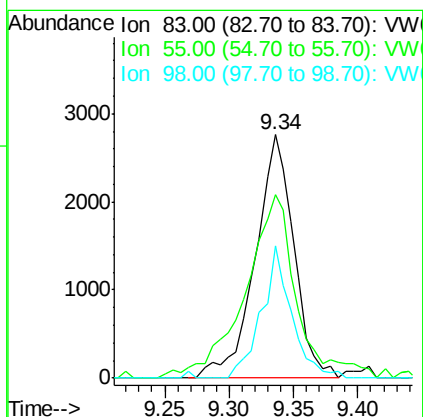
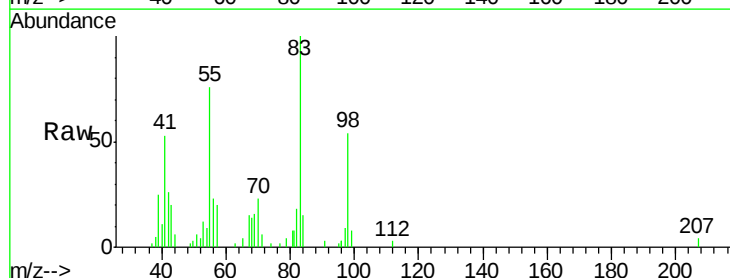
Instrument :
MSVOA_W
ClientSampled :

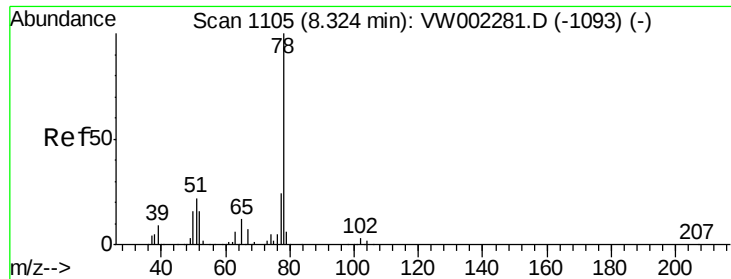
Tot Ion:117 Resp: 17525
Ion Ratio Lower Upper
117 100
119 4.6 77.5 116.3#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 1.84 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002386.D
Acq: 10 May 2018 17:40

Tgt Ion: 83 Resp: 5719
Ion Ratio Lower Upper
83 100
55 71.1 60.6 91.0
98 51.8 37.4 56.0





#40

Benzene

Concen: 1.39 ug/l

RT: 8.32 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

Instrument :

MSVOA_W

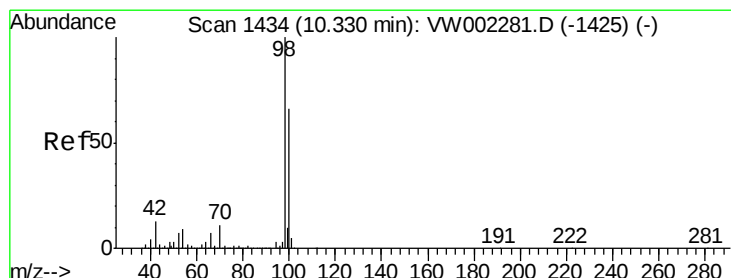
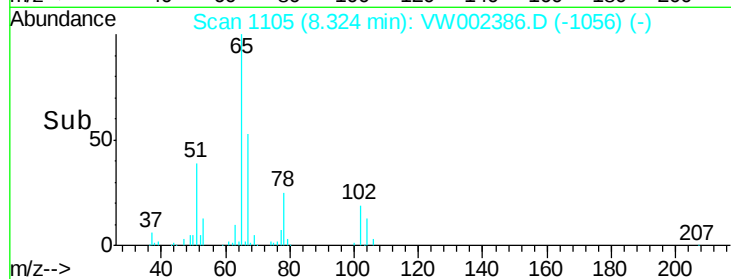
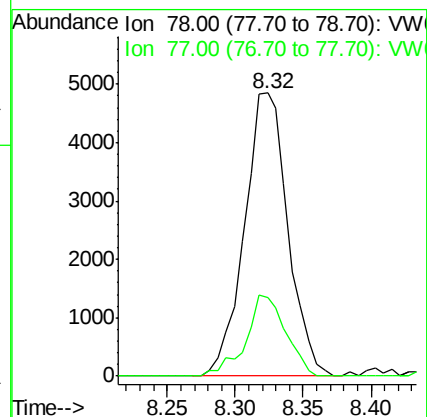
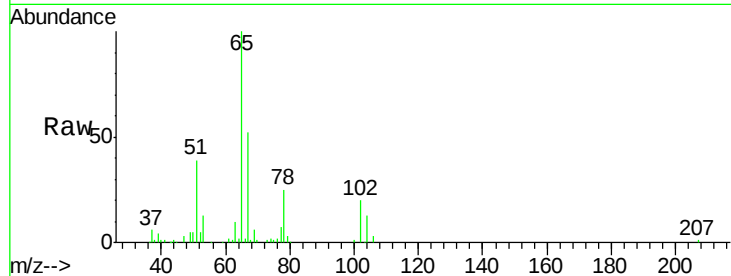
ClientSampled :

Tot Ion: 78 Resp: 10819

Ion Ratio Lower Upper

78 100

77 27.8 19.3 28.9



#50

Toluene-d8

Concen: 33.77 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002386.D

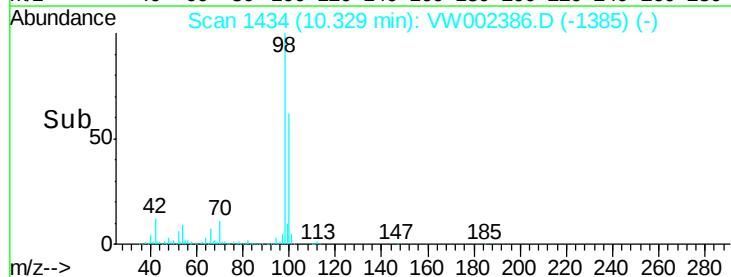
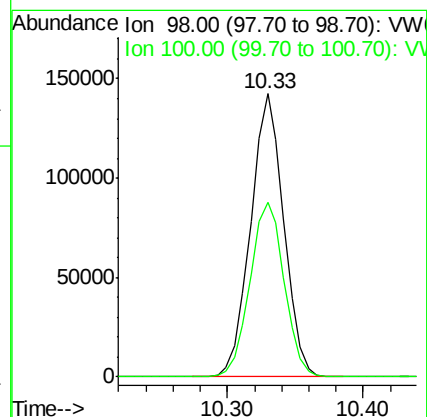
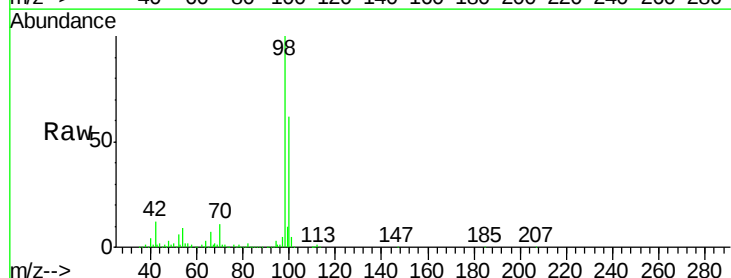
Acq: 10 May 2018 17:40

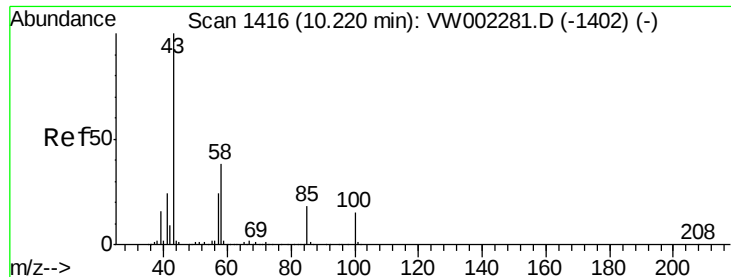
Tgt Ion: 98 Resp: 243000

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 2.54 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

Instrument :

MSVOA_W

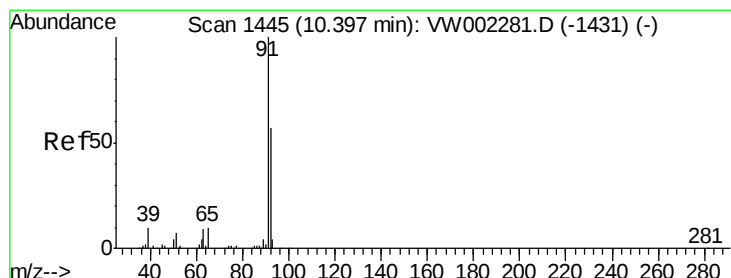
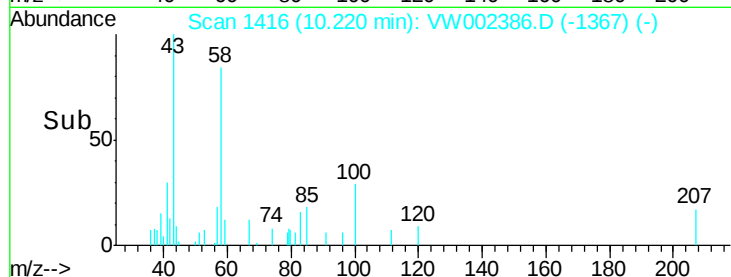
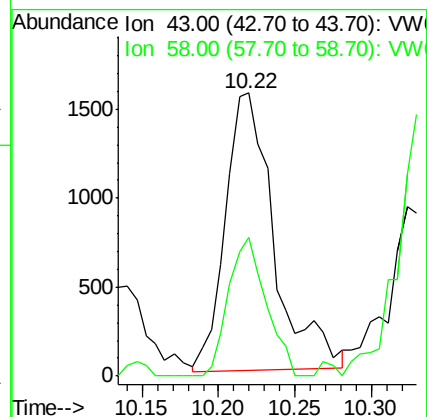
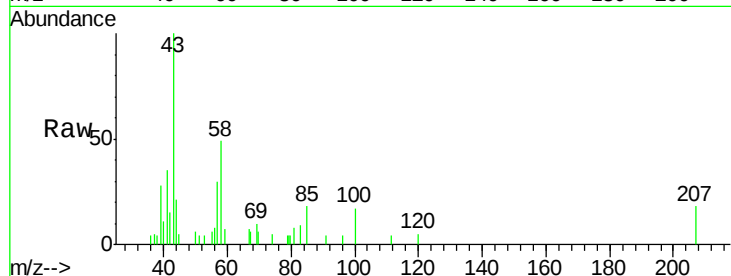
ClientSampled :

Tot Ion: 43 Resp: 3446

Ion Ratio Lower Upper

43 100

58 38.7 30.2 45.2



#52

Toluene

Concen: 4.59 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW002386.D

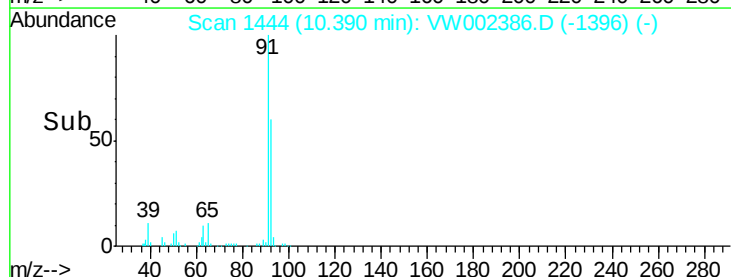
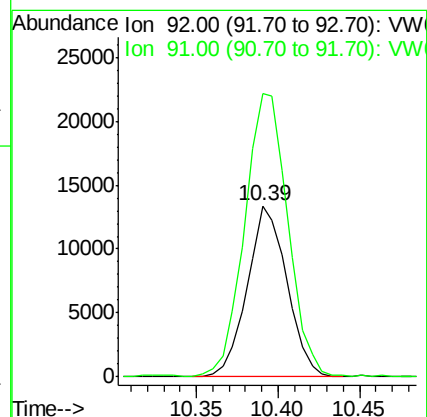
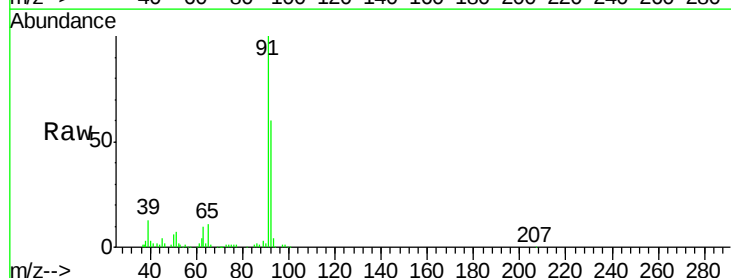
Acq: 10 May 2018 17:40

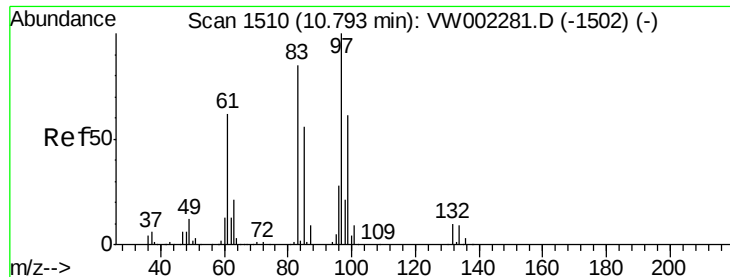
Tgt Ion: 92 Resp: 22661

Ion Ratio Lower Upper

92 100

91 179.9 138.6 208.0





#55

1,1,2-Trichloroethane

Concen: 1.73 ug/l

RT: 10.76 min Scan# 1505

Delta R.T. -0.03 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 97 Resp: 2651

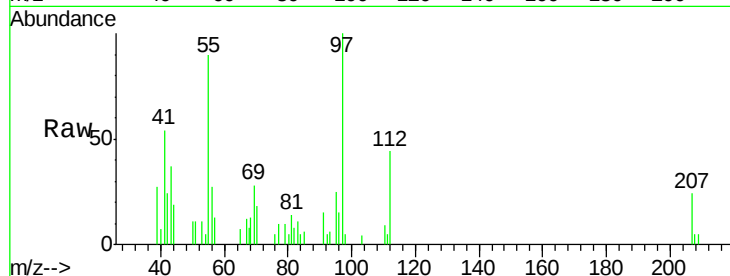
Ion Ratio Lower Upper

97 100

83 11.1 68.4 102.6#

85 6.4 44.6 67.0#

99 0.0 48.8 73.2#

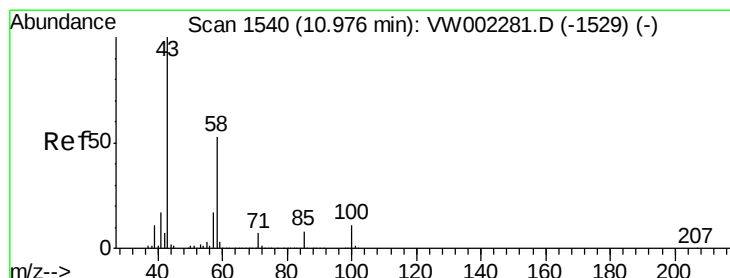
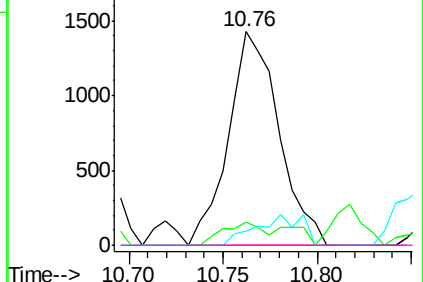
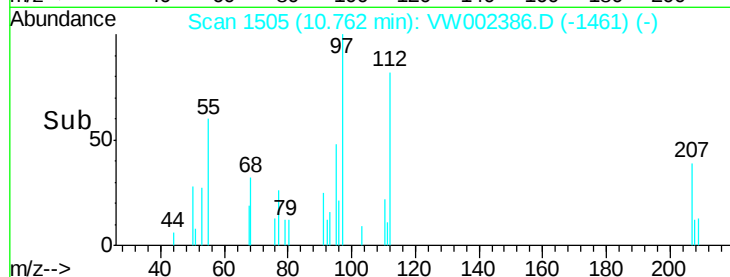


Abundance Ion 96.90 (96.60 to 97.60): VW

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



#59

2-Hexanone

Concen: 5.35 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. -0.03 min

Lab File: VW002386.D

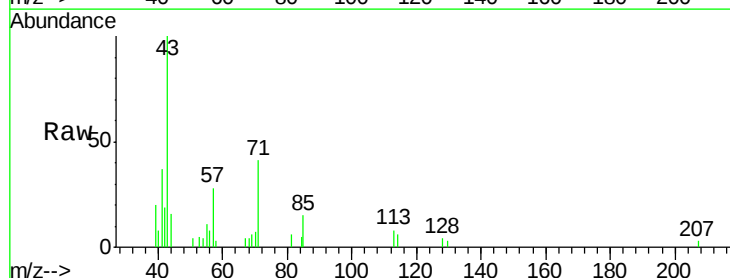
Acq: 10 May 2018 17:40

Tgt Ion: 43 Resp: 4968

Ion Ratio Lower Upper

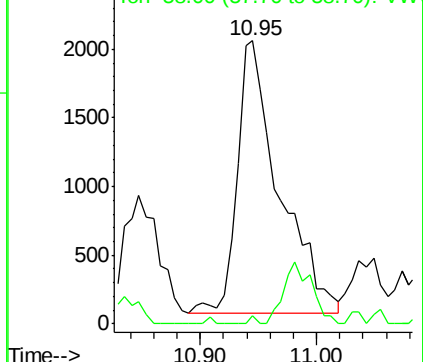
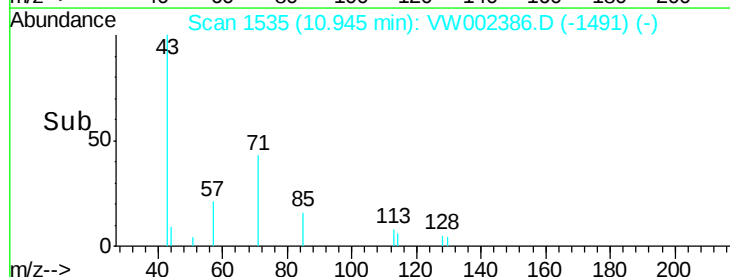
43 100

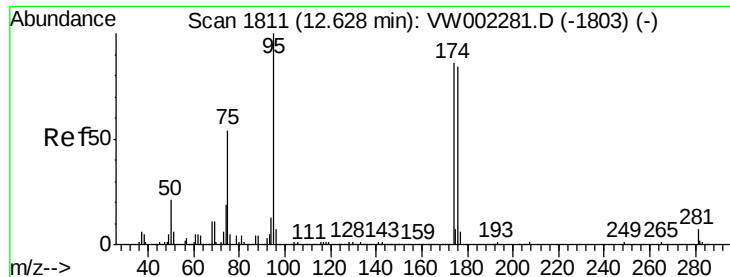
58 0.5 26.0 78.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

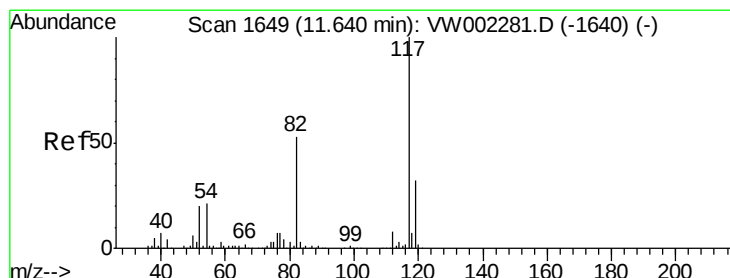
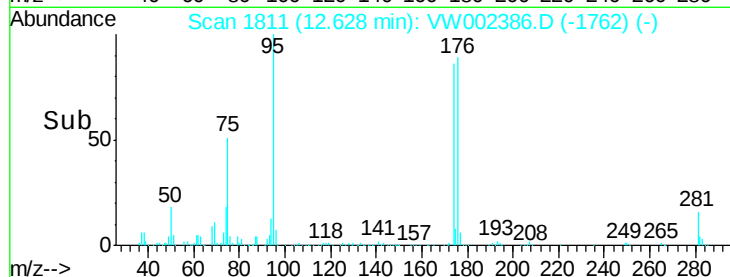
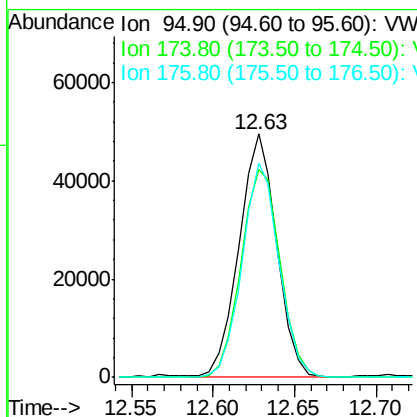
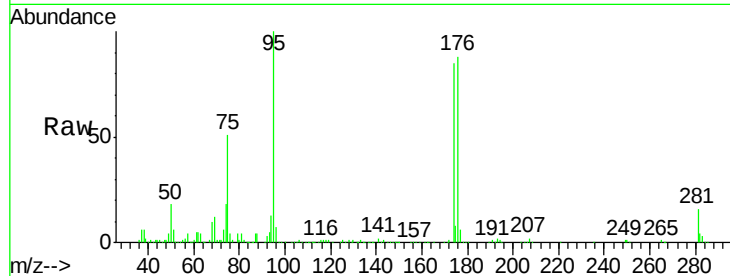




#62
4-Bromofluorobenzene
Concen: 30.25 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW002386.D
Acq: 10 May 2018 17:40

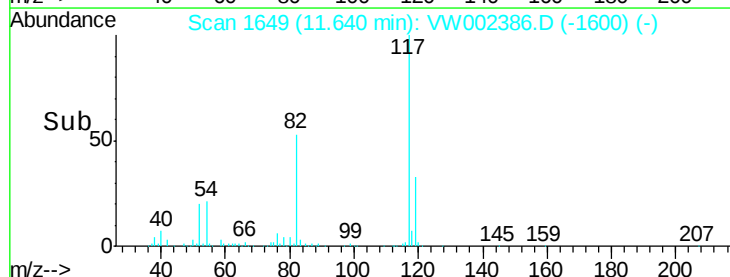
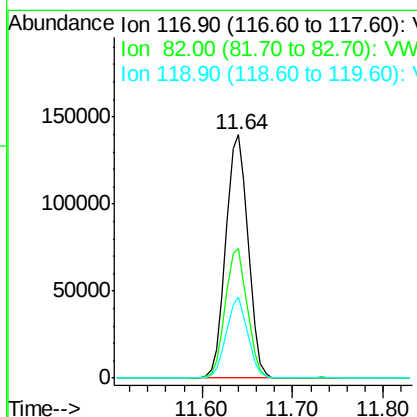
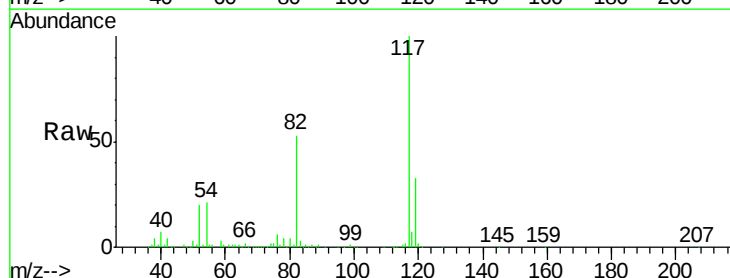
Instrument :
MSVOA_W
ClientSampleId :

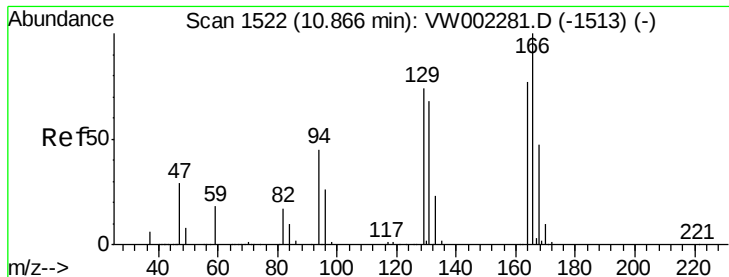
Tot Ion: 95 Resp: 78638
Ion Ratio Lower Upper
95 100
174 89.8 0.0 176.8
176 87.2 0.0 170.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002386.D
Acq: 10 May 2018 17:40

Tgt Ion: 117 Resp: 238266
Ion Ratio Lower Upper
117 100
82 53.3 42.6 63.8
119 33.3 25.2 37.8





#64

Tetrachloroethene

Concen: 1.08 ug/l

RT: 10.88 min Scan# 1524

Delta R.T. 0.01 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 1972

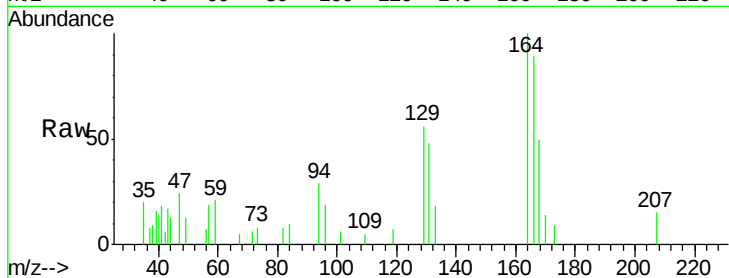
Ion Ratio Lower Upper

164 100

166 89.4 103.3 154.9#

129 55.8 76.6 114.8#

131 47.9 70.7 106.1#

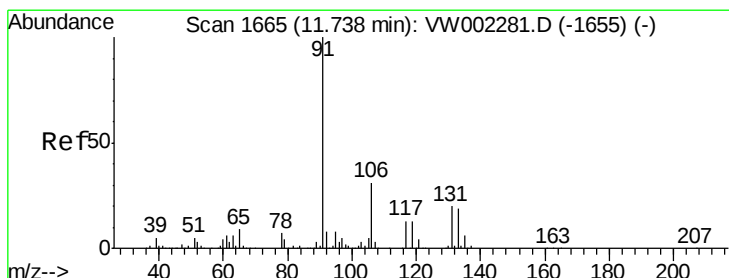
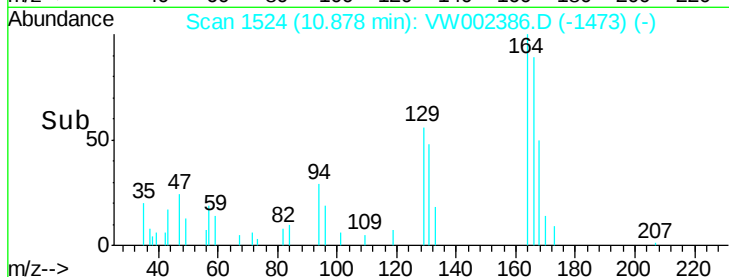
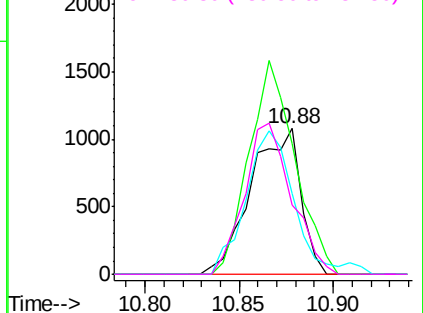


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 3.67 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW002386.D

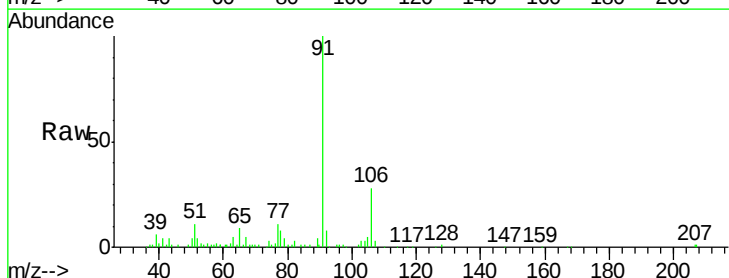
Acq: 10 May 2018 17:40

Tgt Ion: 91 Resp: 30704

Ion Ratio Lower Upper

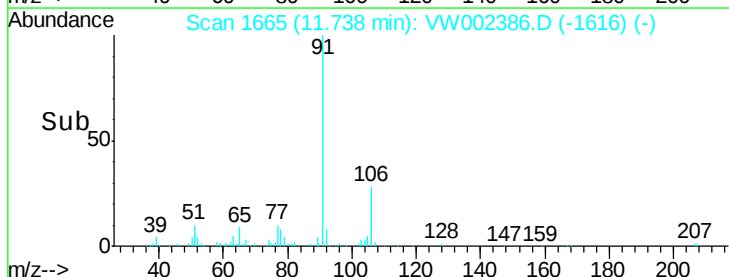
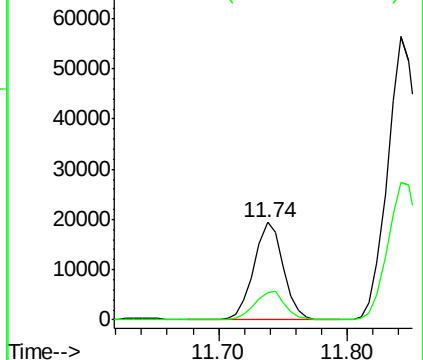
91 100

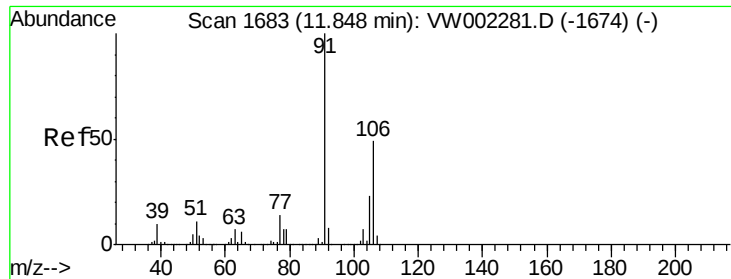
106 28.2 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

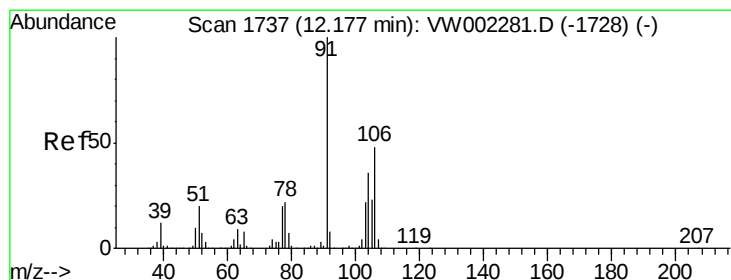
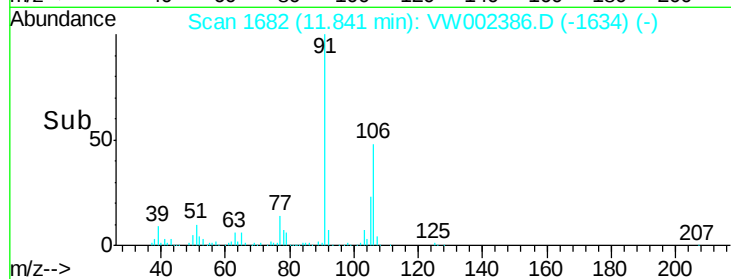
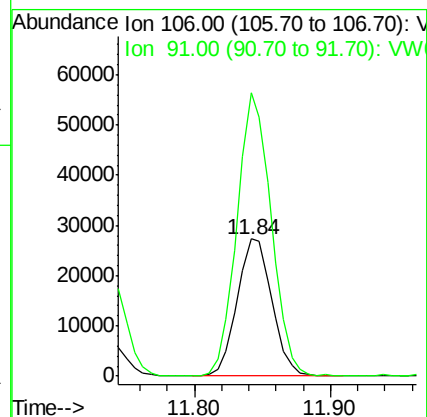
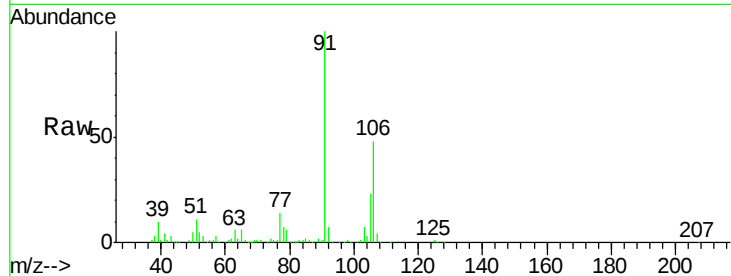




#68
m/p-Xylenes
Concen: 15.15 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW002386.D
Acq: 10 May 2018 17:40

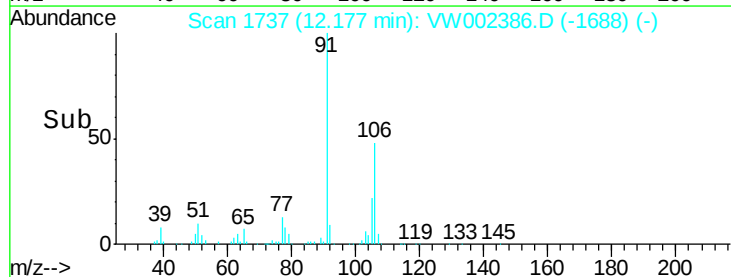
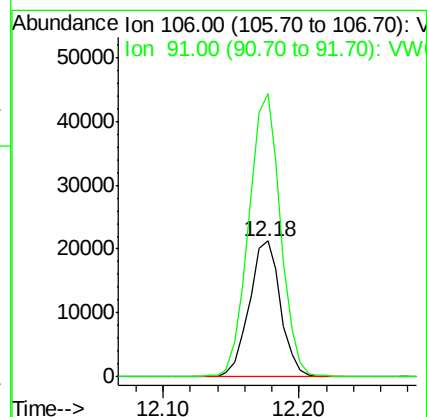
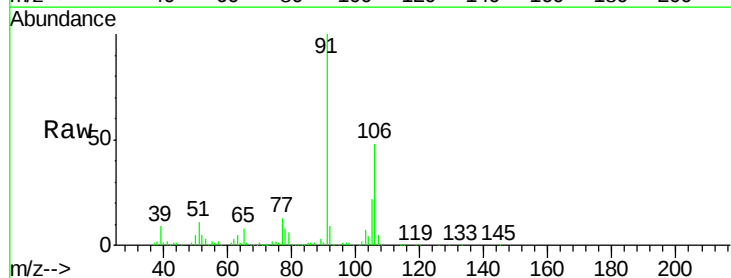
Instrument :
MSVOA_W
ClientSampled :

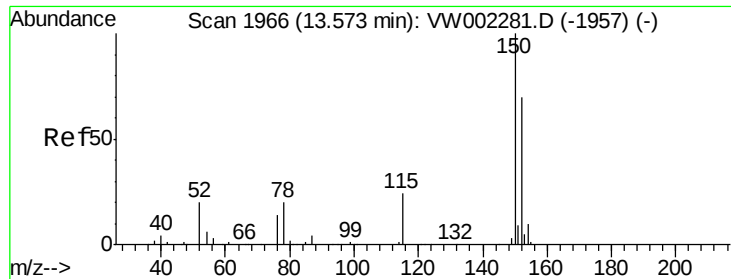
Tot Ion:106 Resp: 48916
Ion Ratio Lower Upper
106 100
91 203.0 161.4 242.0



#69
o-Xylene
Concen: 11.17 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002386.D
Acq: 10 May 2018 17:40

Tgt Ion:106 Resp: 34305
Ion Ratio Lower Upper
106 100
91 211.7 107.1 321.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

Instrument :

MSVOA_W

ClientSampled :

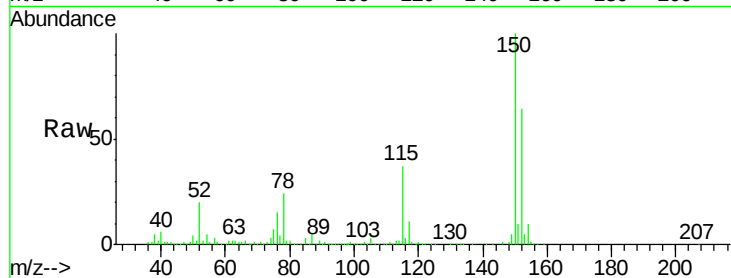
Tot Ion:152 Resp: 85557

Ion Ratio Lower Upper

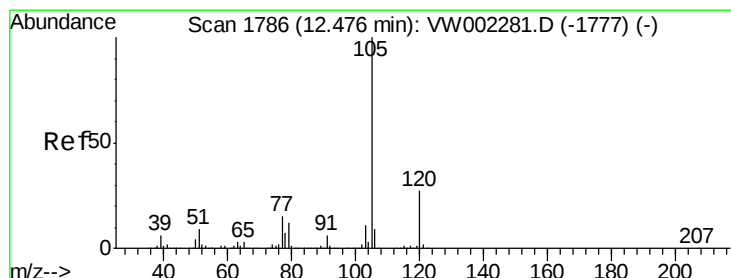
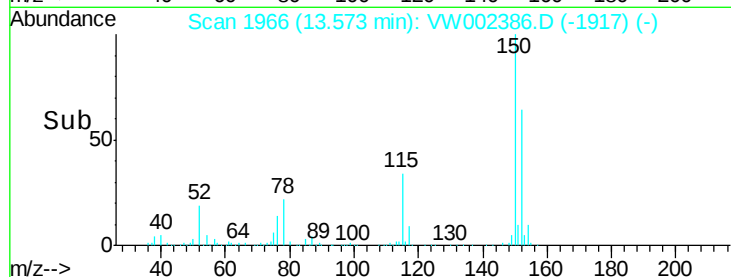
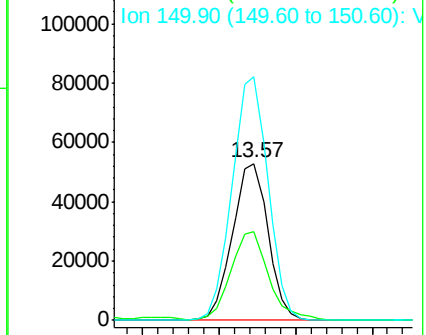
152 100

115 59.5 28.5 85.5

150 156.9 0.0 342.6



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: 2.04 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002386.D

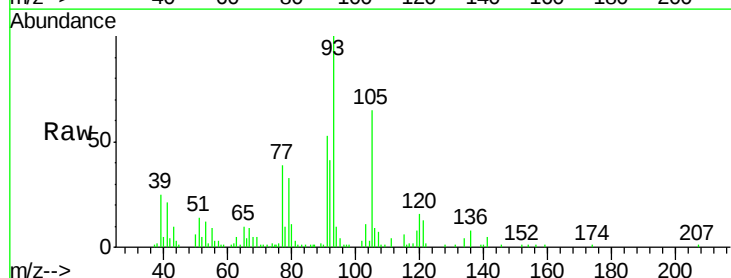
Acq: 10 May 2018 17:40

Tgt Ion:105 Resp: 11342

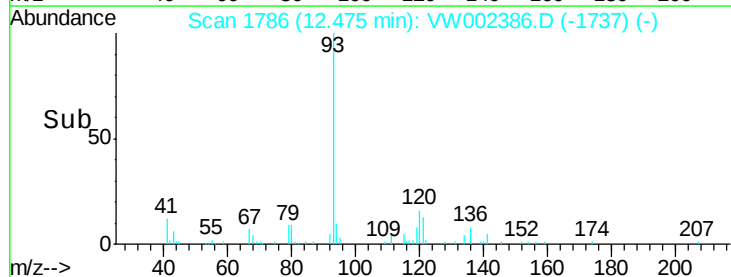
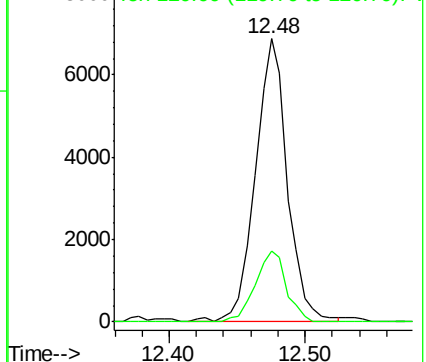
Ion Ratio Lower Upper

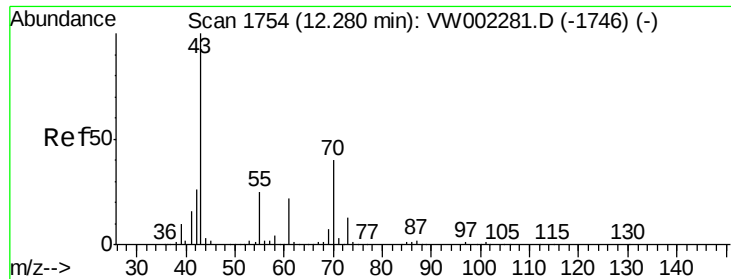
105 100

120 24.3 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.96 ug/l

RT: 12.24 min Scan# 1748

Delta R.T. -0.04 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 5501

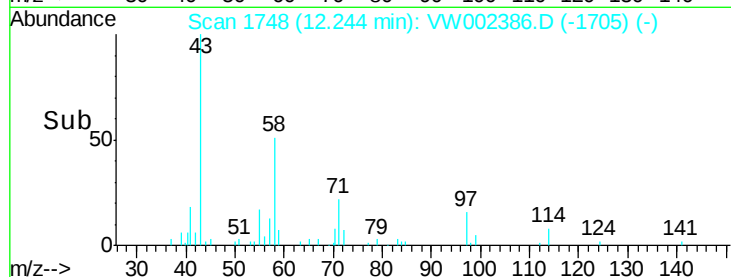
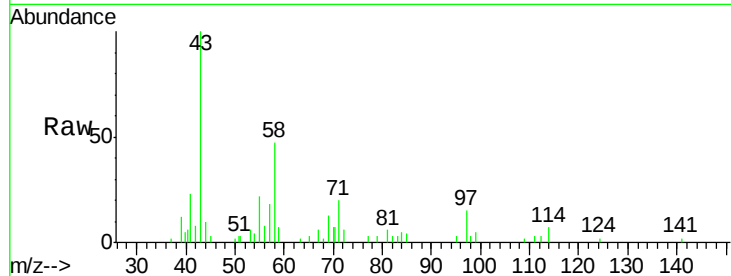
Ion Ratio Lower Upper

43 100

70 12.0 31.9 47.9#

55 23.0 19.9 29.9

61 0.0 18.2 27.2#

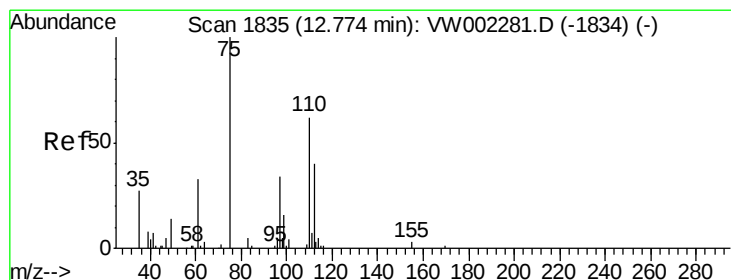
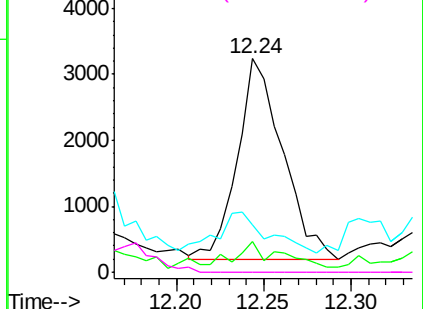


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 52.76 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW002386.D

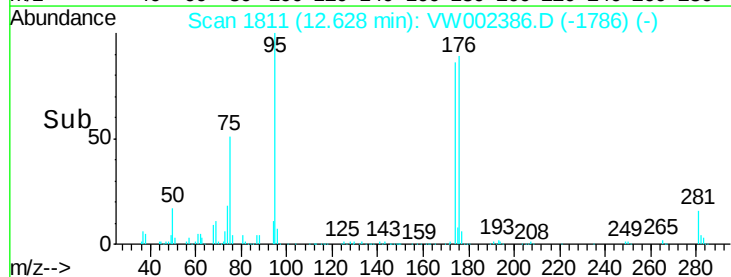
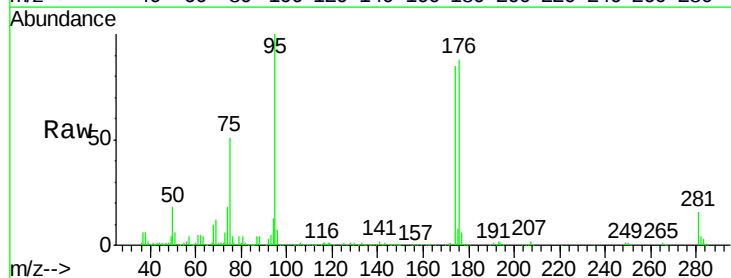
Acq: 10 May 2018 17:40

Tgt Ion: 75 Resp: 40030

Ion Ratio Lower Upper

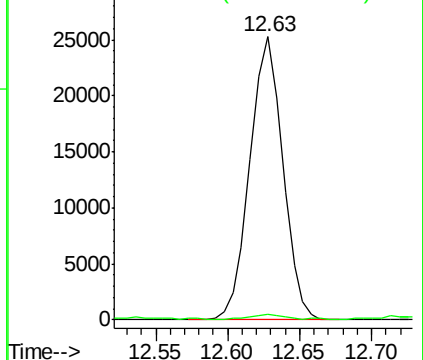
75 100

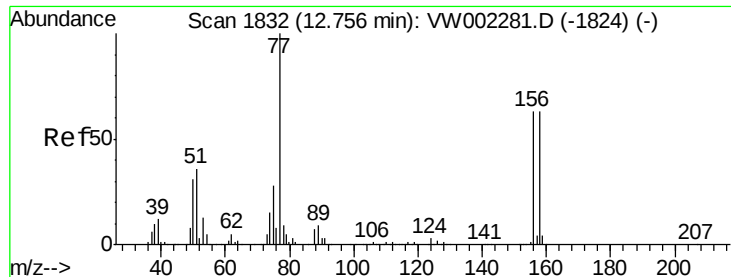
77 2.3 187.5 562.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 10.85 ug/l

RT: 12.94 min Scan# 1862

Delta R.T. 0.18 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

Instrument :

MSVOA_W

ClientSampleId :

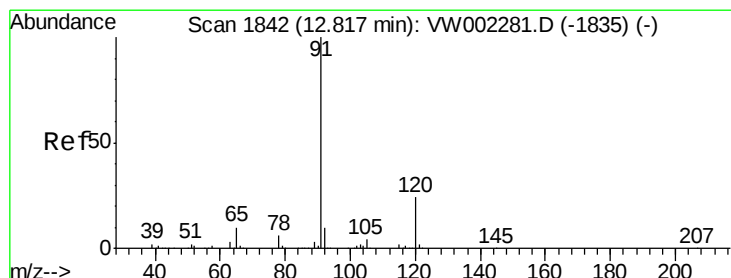
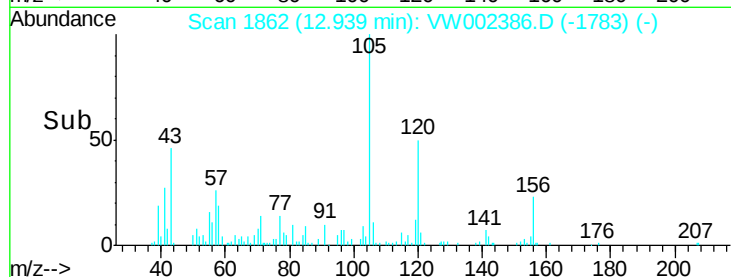
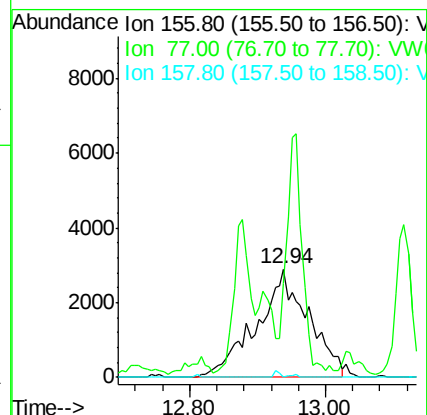
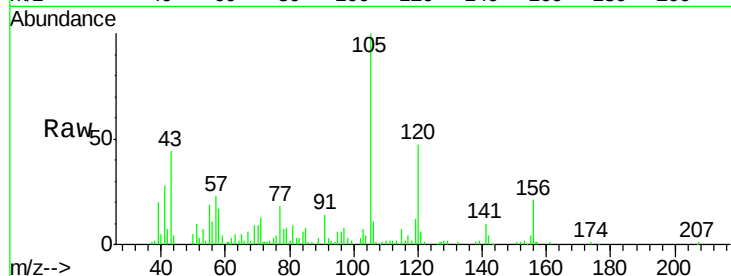
Tot Ion:156 Resp: 15200

Ion Ratio Lower Upper

156 100

77 0.0 87.7 263.1#

158 0.7 48.6 145.8#



#78

n-propylbenzene

Concen: 1.99 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VW002386.D

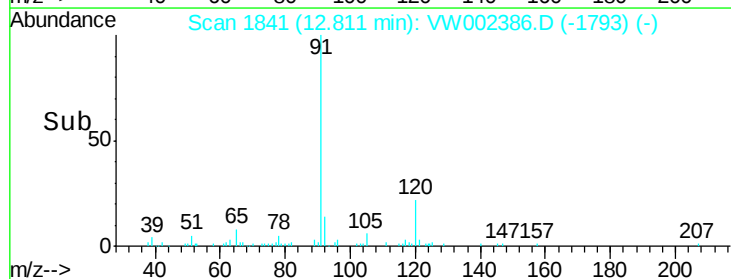
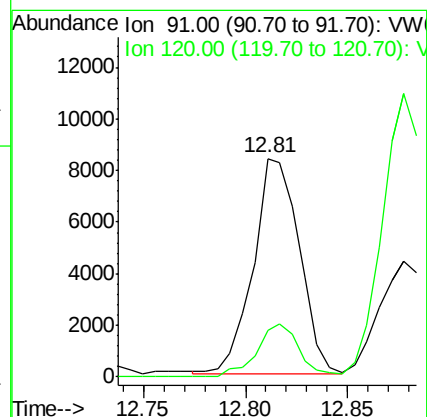
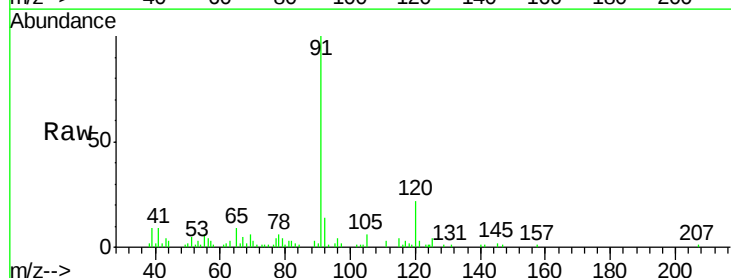
Acq: 10 May 2018 17:40

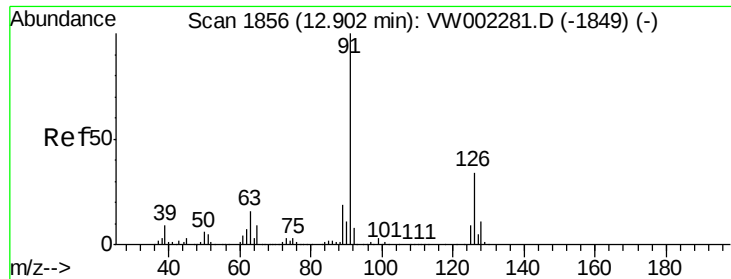
Tgt Ion: 91 Resp: 13100

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.5





#79

2-Chlorotoluene

Concen: 2.68 ug/l

RT: 12.88 min Scan# 1852

Delta R.T. -0.02 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

Instrument :

MSVOA_W

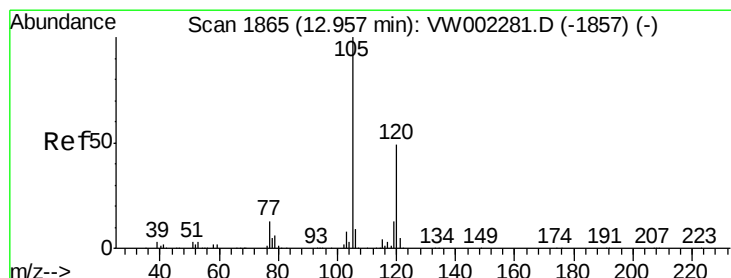
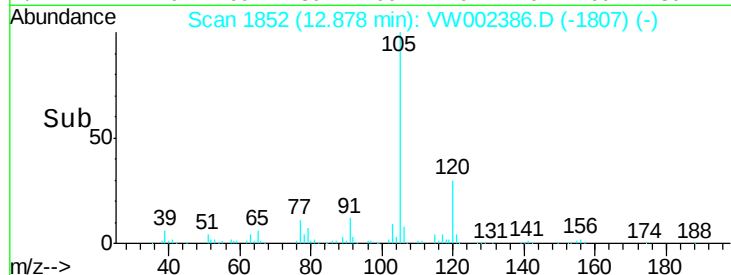
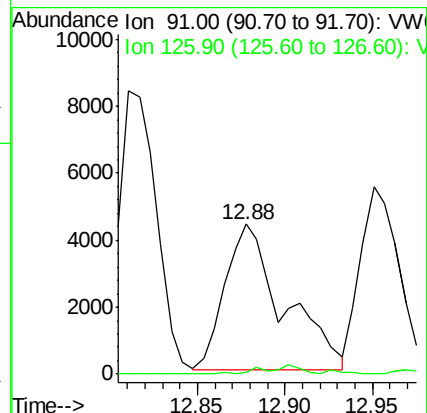
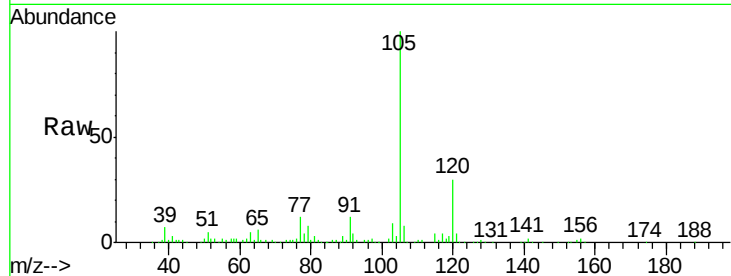
ClientSampled :

Tot Ion: 91 Resp: 10155

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.6#



#80

1,3,5-Trimethylbenzene

Concen: 15.46 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW002386.D

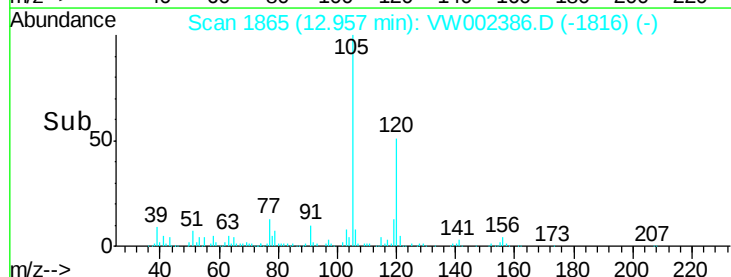
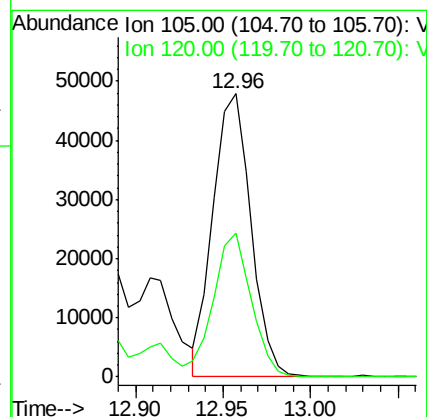
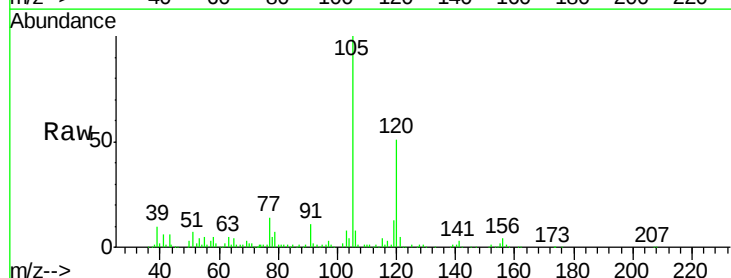
Acq: 10 May 2018 17:40

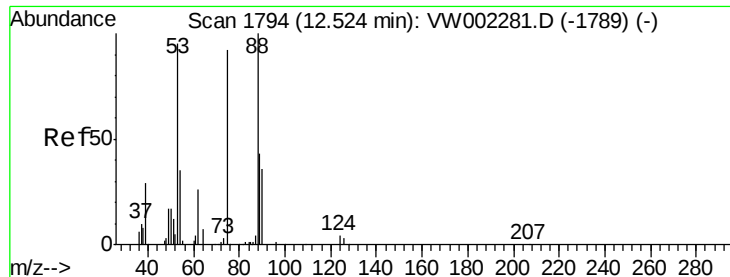
Tgt Ion: 105 Resp: 72268

Ion Ratio Lower Upper

105 100

120 50.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 138.98 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.10 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

Instrument :

MSVOA_W

ClientSampleId :

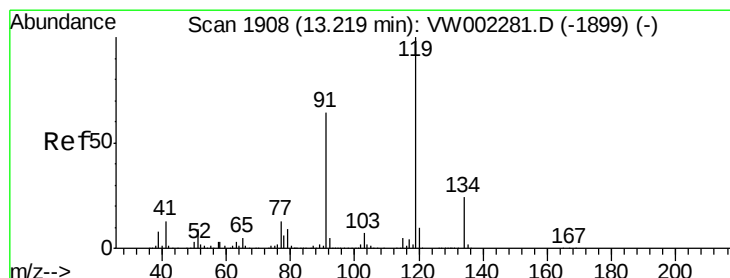
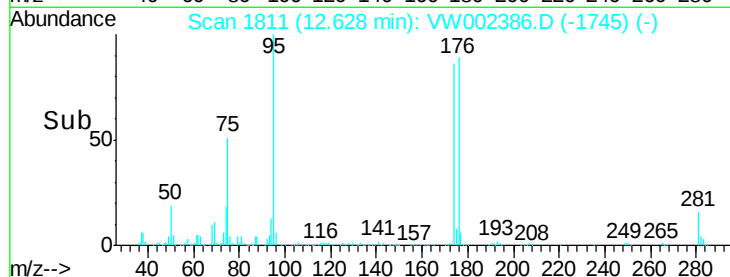
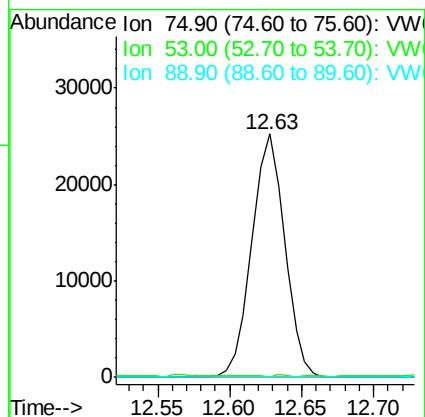
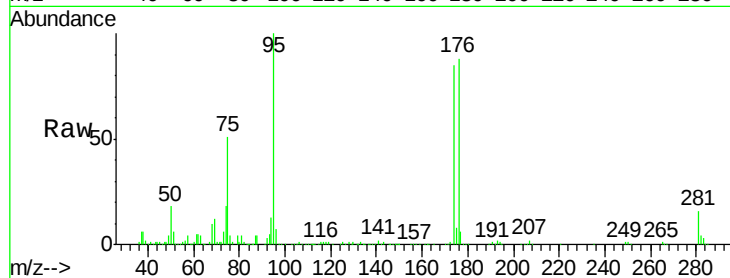
Tot Ion: 75 Resp: 40030

Ion Ratio Lower Upper

75 100

53 0.8 79.9 119.9#

89 0.0 37.6 56.4#



#83

tert-Butylbenzene

Concen: 3.83 ug/l

RT: 13.27 min Scan# 1916

Delta R.T. 0.05 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

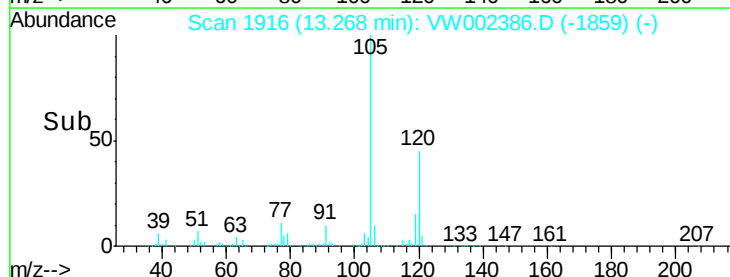
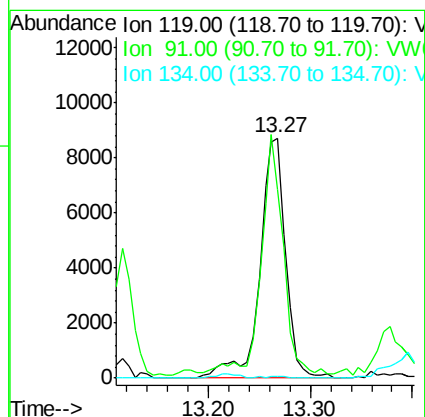
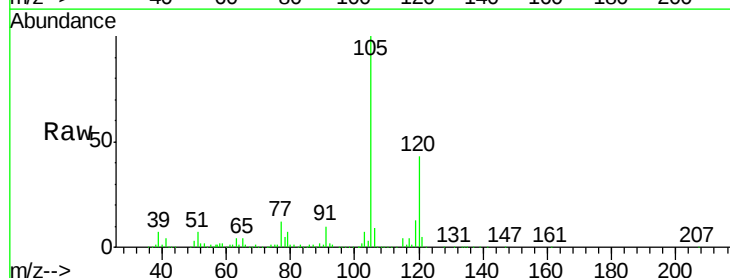
Tgt Ion: 119 Resp: 15401

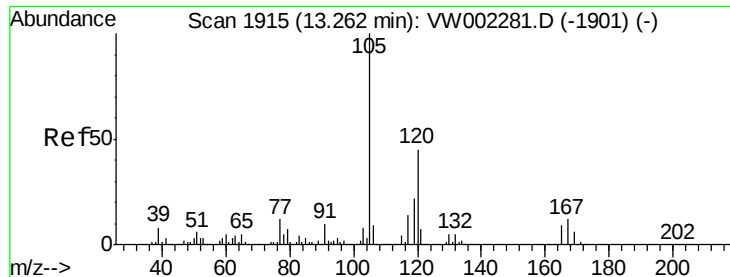
Ion Ratio Lower Upper

119 100

91 82.7 31.6 94.8

134 0.0 13.1 39.3#

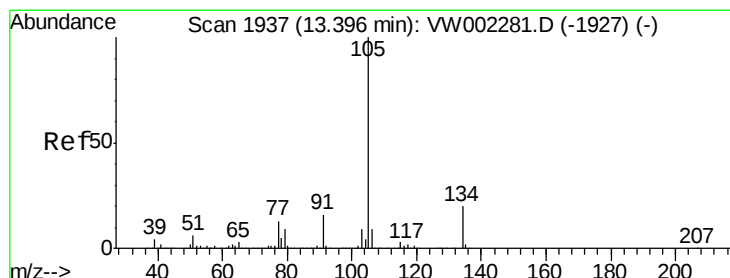
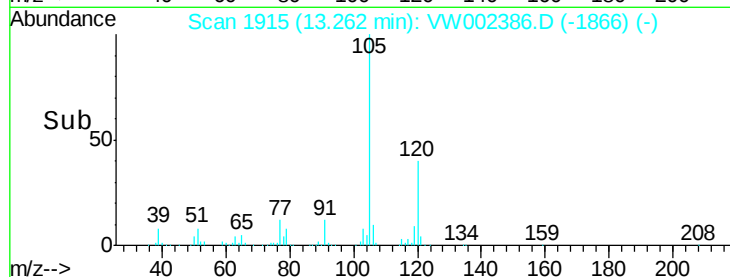
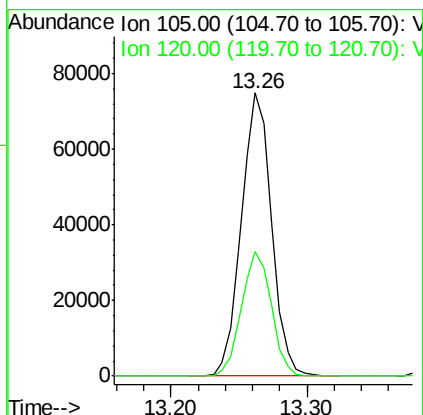
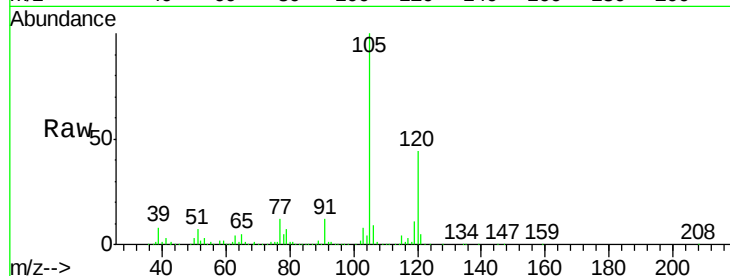




#84
1,2,4-Trimethylbenzene
Concen: 23.95 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. -0.00 min
Lab File: VW002386.D
Acq: 10 May 2018 17:40

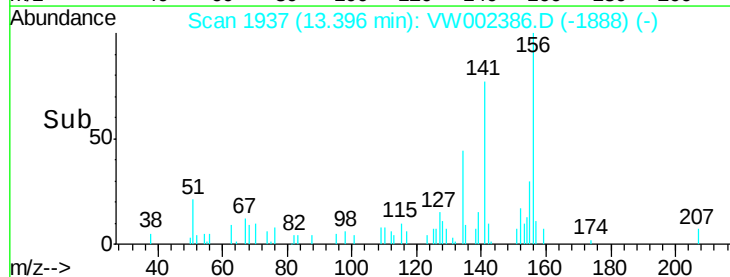
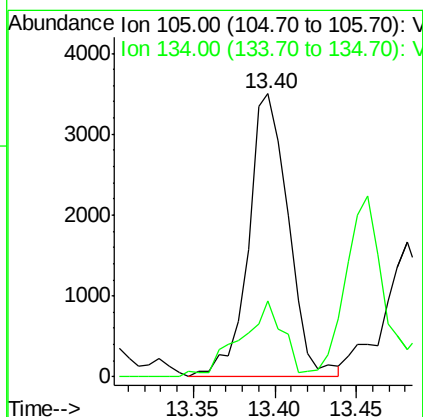
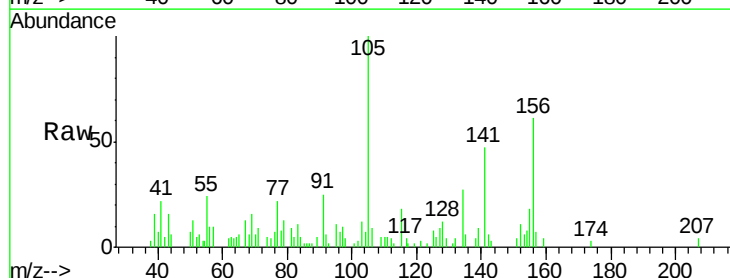
Instrument :
MSVOA_W
ClientSampleId :

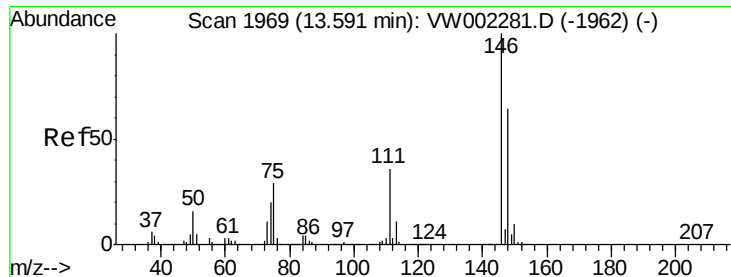
Tot Ion:105 Resp: 116060
Ion Ratio Lower Upper
105 100
120 43.5 22.5 67.5



#85
sec-Butylbenzene
Concen: 1.04 ug/l
RT: 13.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VW002386.D
Acq: 10 May 2018 17:40

Tgt Ion:105 Resp: 5953
Ion Ratio Lower Upper
105 100
134 29.3 10.3 30.8

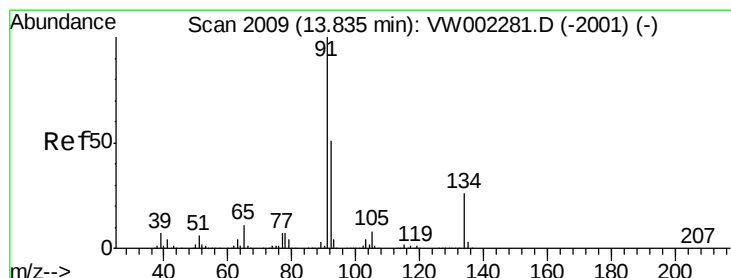
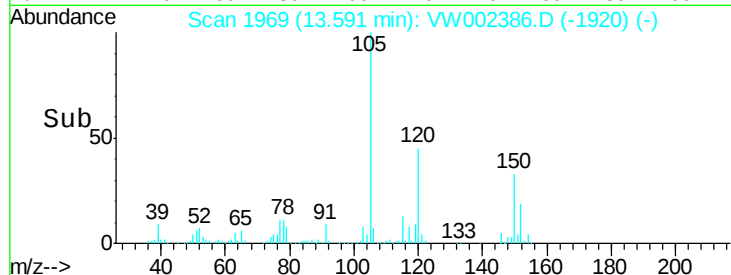
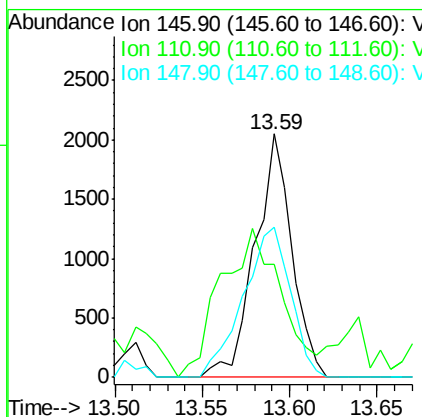
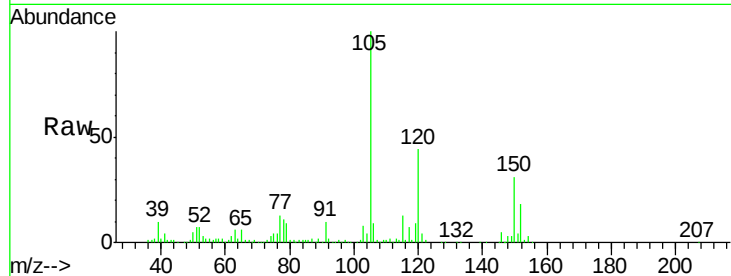




#88
 1,4-Dichlorobenzene
 Concen: 1.08 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002386.D
 Acq: 10 May 2018 17:40

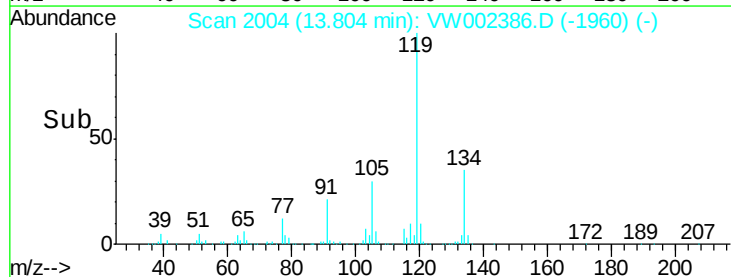
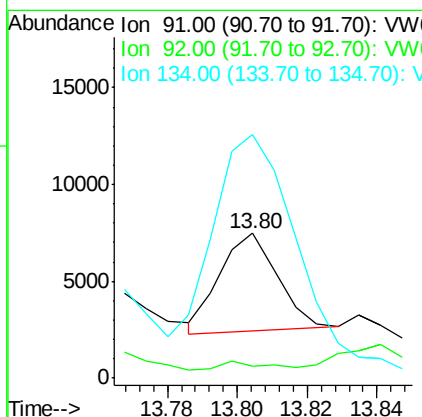
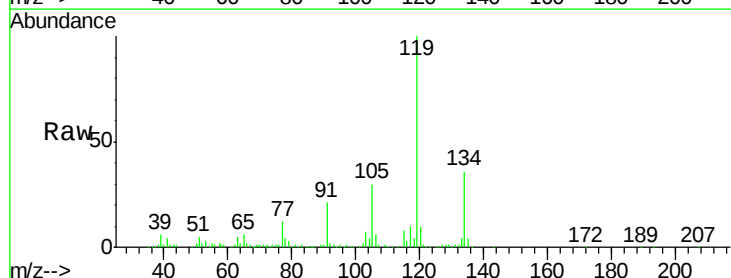
Instrument :
 MSVOA_W
 ClientSampleId :

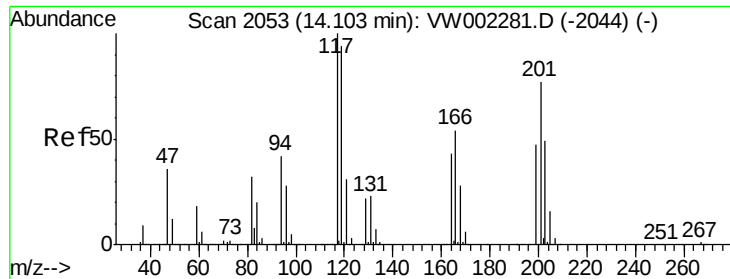
Tot Ion:146 Resp: 3000
 Ion Ratio Lower Upper
 146 100
 111 100.2 19.0 57.0#
 148 79.1 32.3 96.9



#89
 n-Butylbenzene
 Concen: 1.21 ug/l
 RT: 13.80 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: VW002386.D
 Acq: 10 May 2018 17:40

Tgt Ion: 91 Resp: 5825
 Ion Ratio Lower Upper
 91 100
 92 20.5 25.9 77.8#
 134 376.8 13.1 39.1#





#90

Hexachloroethane

Concen: 5.88 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. 0.01 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

Instrument :

MSVOA_W

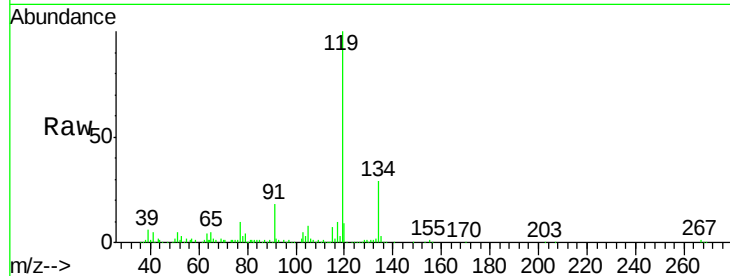
ClientSampled :

Tot Ion:117 Resp: 5400

Ion Ratio Lower Upper

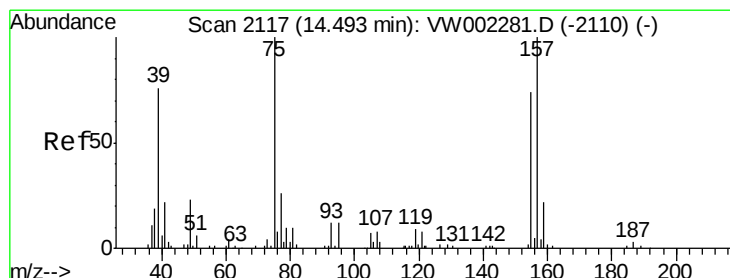
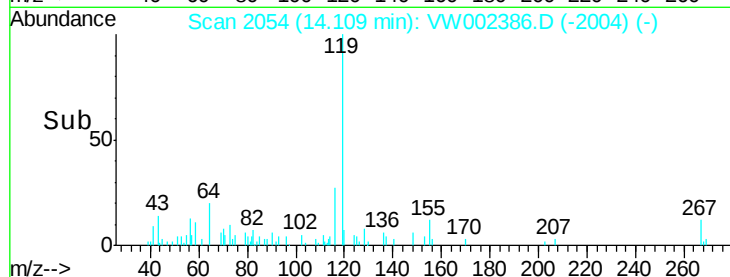
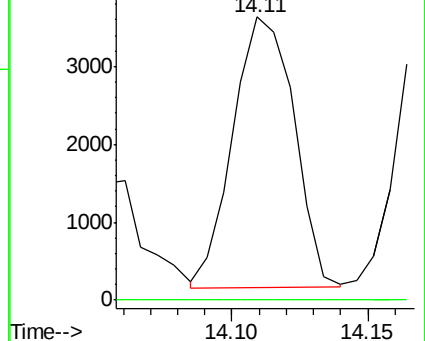
117 100

201 0.0 42.2 126.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.22 ug/l

RT: 14.51 min Scan# 2120

Delta R.T. 0.02 min

Lab File: VW002386.D

Acq: 10 May 2018 17:40

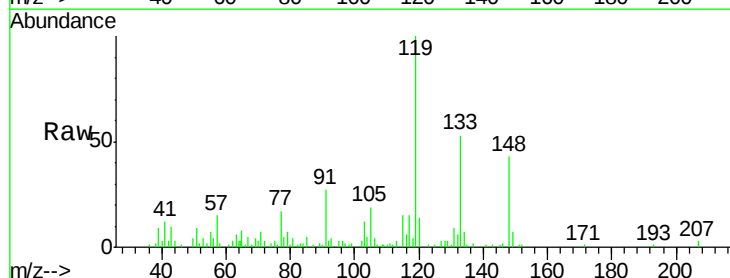
Tgt Ion: 75 Resp: 226

Ion Ratio Lower Upper

75 100

155 0.0 43.3 129.8#

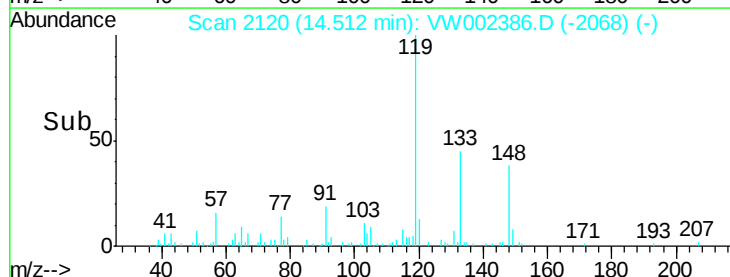
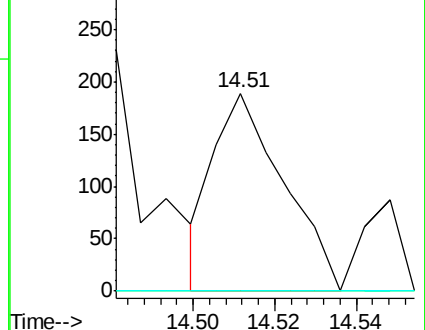
157 0.0 55.8 167.4#

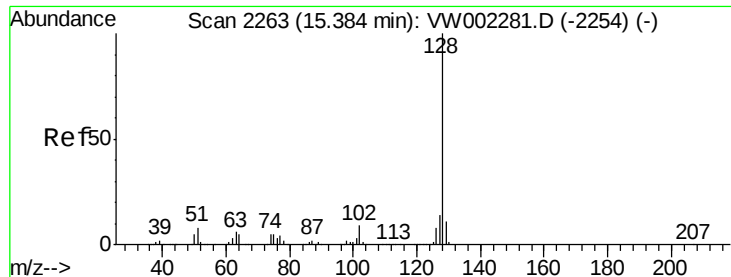


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

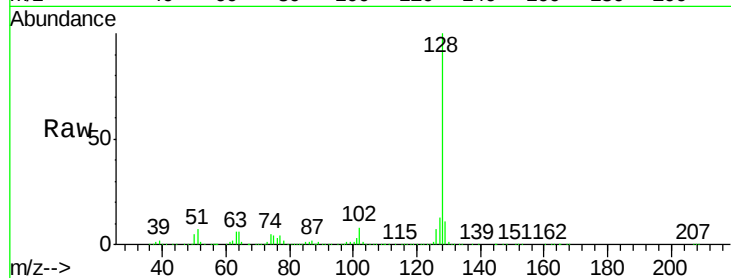




#95
Naphthalene
Concen: 102.35 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW002386.D
Acq: 10 May 2018 17:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	11.0	16.4
129	11.1	8.7	13.1



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

