

Data File : VW002361.D

Acq On : 10 May 2018 06:20

Operator : JC/SY

Sample : J2675-01RE

Misc : 4.70G/5ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-06-050418RE

Quant Time: May 10 07:17:02 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	75359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	140967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	81307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	64157	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	60667	75.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.62%	
35) Dibromofluoromethane	7.88	113	48019	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
50) Toluene-d8	10.33	98	100528	29.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.36%	
62) 4-Bromofluorobenzene	12.62	95	67135	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.19	59	127	2.18	ug/l	# 85
13) Acrolein	3.88	56	56	1.15	ug/l	# 68
16) Acetone	4.12	43	13333	85.31	ug/l	99
18) Methyl Acetate	4.67	43	2726	5.81	ug/l	93
20) Methylene Chloride	4.90	84	13324	17.68	ug/l	92
25) 2-Butanone	7.17	43	1861	8.02	ug/l	# 78
29) Tetrahydrofuran	7.54	42	594	3.90	ug/l	# 45
30) Chloroform	7.68	83	1601	1.15	ug/l	# 82
31) Cyclohexane	7.95	56	1958	1.65	ug/l	# 1
36) 1,1-Dichloropropene	7.95	75	5754	4.51	ug/l	# 51
38) Carbon Tetrachloride	7.95	117	7304	5.92	ug/l	# 16
39) Methylcyclohexane	9.34	83	3954	2.66	ug/l	# 73
49) 1,4-Dioxane	9.57	88	30	3.62	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.22	43	1574	2.42	ug/l	94
52) Toluene	10.40	92	56251	23.77	ug/l	98
55) 1,1,2-Trichloroethane	10.76	97	11859	16.14	ug/l	# 20
56) Ethyl methacrylate	10.67	69	5242	5.77	ug/l	# 1
59) 2-Hexanone	10.95	43	18764	42.19	ug/l	# 31
67) Ethyl Benzene	11.74	91	656162	229.78	ug/l	99
68) m/p-Xylenes	11.85	106	819615	743.88	ug/l	99
69) o-Xylene	12.18	106	1271793	1213.76	ug/l	100
70) Styrene	12.18	104	66087	37.98	ug/l	# 1
73) Isopropylbenzene	12.48	105	802971	192.68	ug/l	100
74) N-aryl acetate	12.26	43	361352	346.49	ug/l	# 56
75) 1,1,2,2-Tetrachloroethane	12.70	83	28713	35.65	ug/l	# 27
76) 1,2,3-Trichloropropane	12.82	75	15098	26.54	ug/l	# 1
78) n-propylbenzene	12.82	91	2256605	456.80	ug/l	100
79) 2-Chlorotoluene	12.91	91	298948	105.09	ug/l	# 40
80) 1,3,5-Trimethylbenzene	12.96	105	8340843	2379.38	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.56	75	438	2.03	ug/l	# 1
82) 4-Chlorotoluene	12.96	91	937679	309.94	ug/l	# 43
83) tert-Butylbenzene	13.22	119	78299	25.94	ug/l	87
84) 1,2,4-Trimethylbenzene	13.27	105	11572578	3184.12	ug/l	96
85) sec-Butylbenzene	13.40	105	1311527	304.37	ug/l	82

Data File : VW002361.D
Acq On : 10 May 2018 06:20
Operator : JC/SY
Sample : J2675-01RE
Misc : 4.70G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HR-06-050418RE

Quant Time: May 10 07:17:02 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

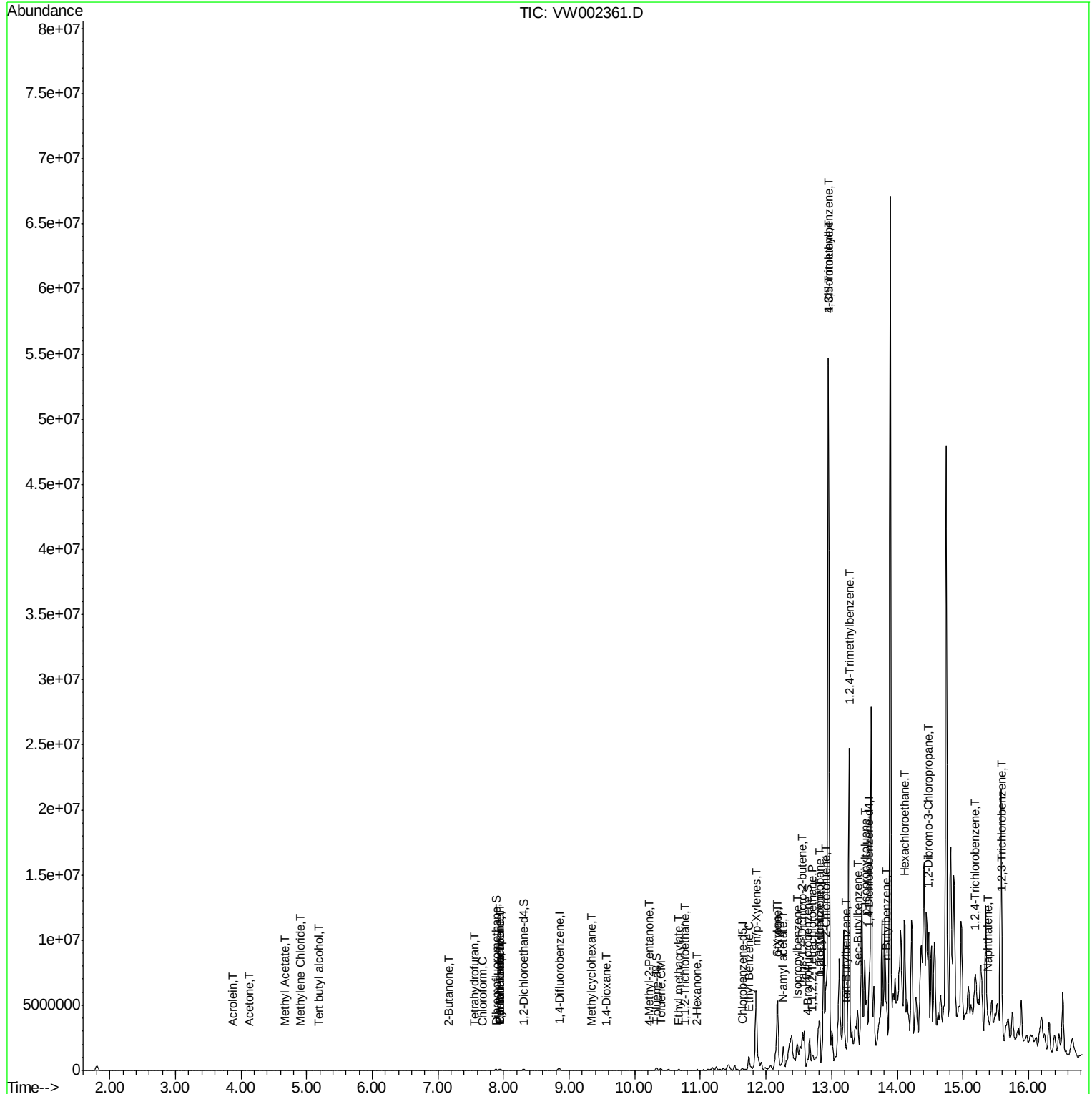
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.51	119	1383214	359.02	ug/l	100
89) n-Butylbenzene	13.84	91	1265249	350.94	ug/l #	71
90) Hexachloroethane	14.12	117	329635	478.46	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.47	75	25433	182.63	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.19	180	16134	11.96	ug/l #	1
95) Naphthalene	15.38	128	1085432	437.76	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.60	180	21306	17.62	ug/l #	12

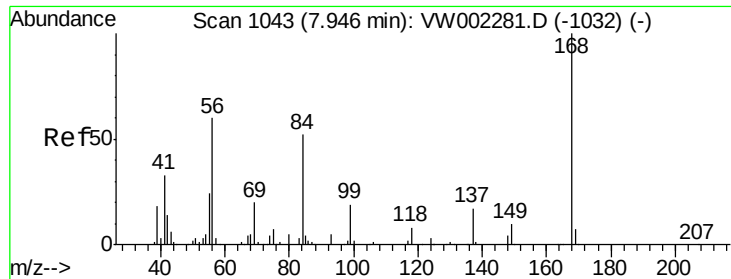
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 1 Sample Multiplier: 1

HR-06-050418RE

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002361.D

Acq: 10 May 2018 06:20

Instrument :

MSVOA_W

ClientSampleId :

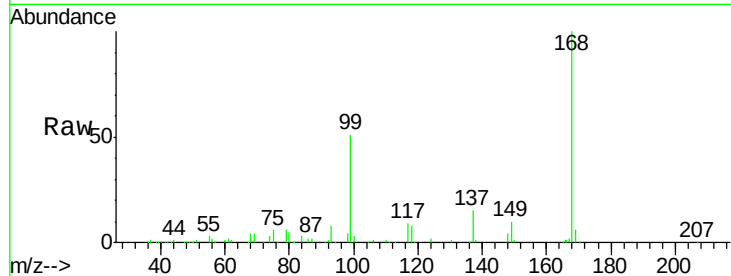
HR-06-050418RE

Tgt Ion:168 Resp: 75359

Ion Ratio Lower Upper

168 100

99 51.2 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

40000

30000

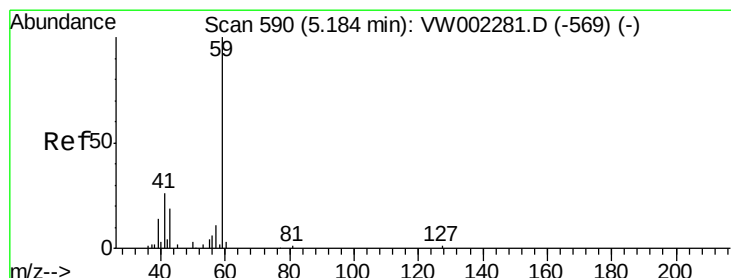
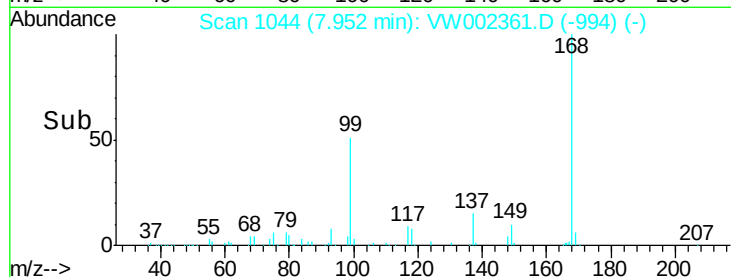
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#11

Tert butyl alcohol

Concen: 2.18 ug/l

RT: 5.19 min Scan# 591

Delta R.T. 0.01 min

Lab File: VW002361.D

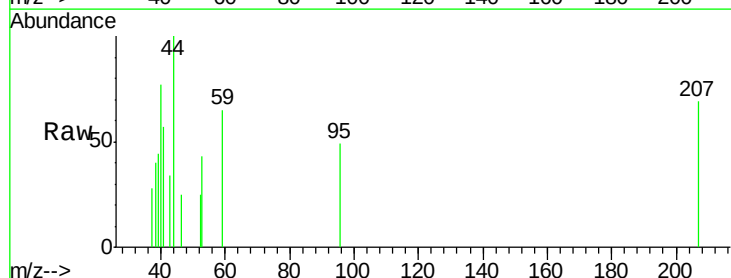
Acq: 10 May 2018 06:20

Tgt Ion: 59 Resp: 127

Ion Ratio Lower Upper

59 100

57 0.0 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.19

150

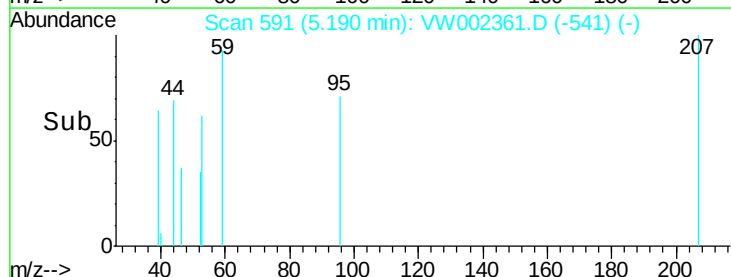
100

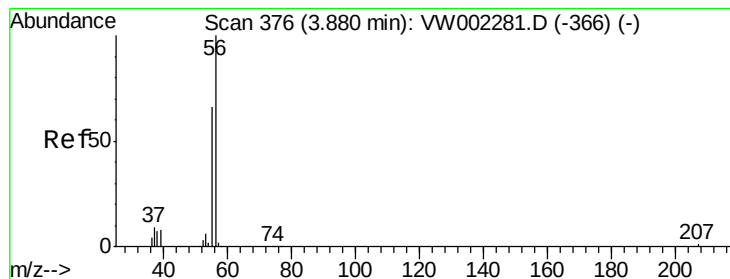
50

0

5.18 5.20

Time-->





#13

Acrolein

Concen: 1.15 ug/l

RT: 3.88 min Scan# 376

Delta R.T. -0.00 min

Lab File: VW002361.D

Acq: 10 May 2018 06:20

Instrument :

MSVOA_W

ClientSampleId :

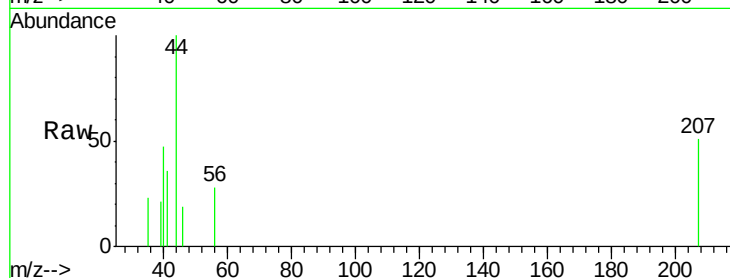
HR-06-050418RE

Tgt Ion: 56 Resp: 56

Ion Ratio Lower Upper

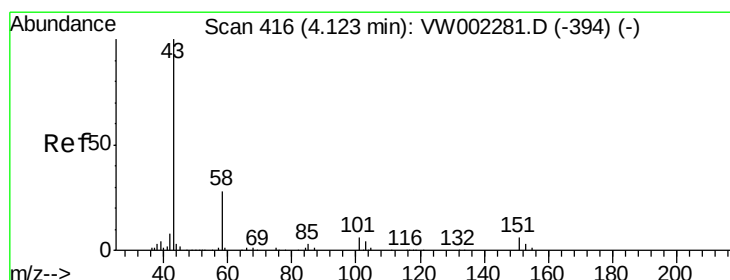
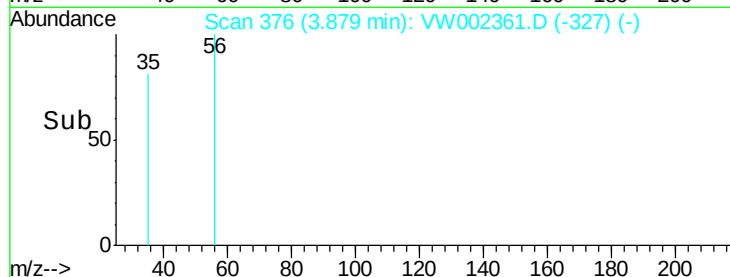
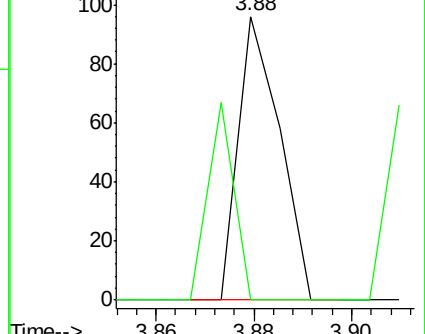
56 100

55 44.6 57.3 85.9#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 85.31 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002361.D

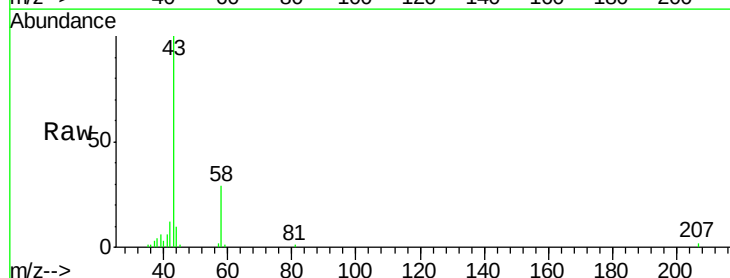
Acq: 10 May 2018 06:20

Tgt Ion: 43 Resp: 13333

Ion Ratio Lower Upper

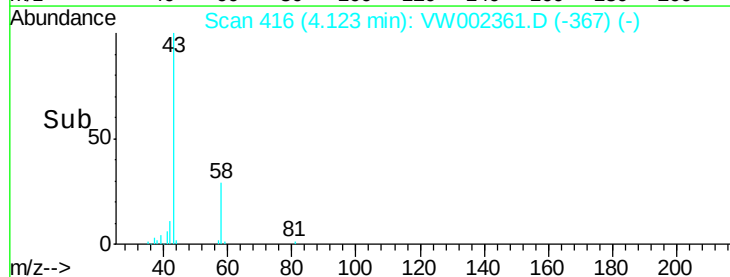
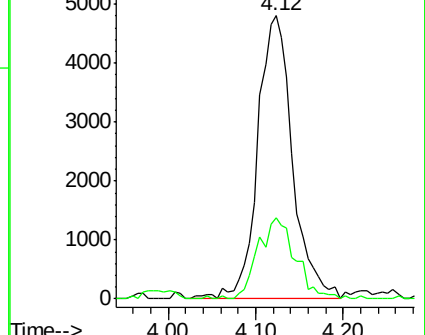
43 100

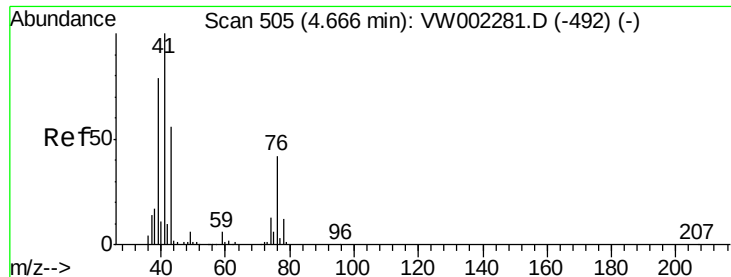
58 28.6 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

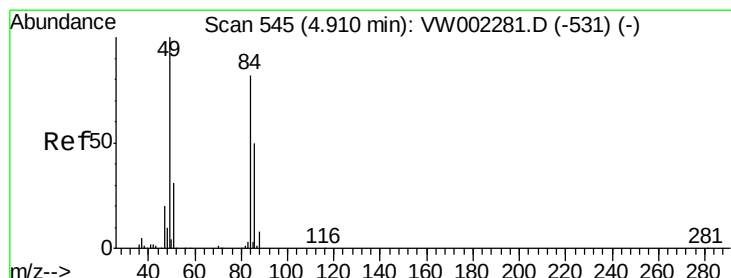
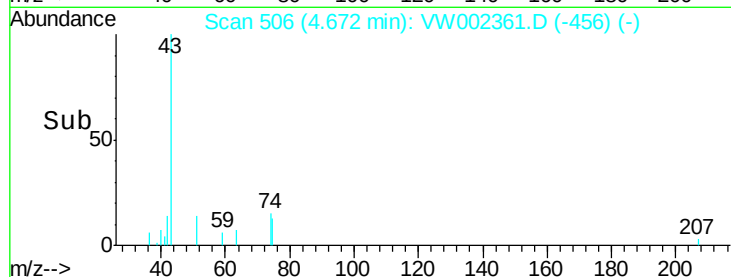
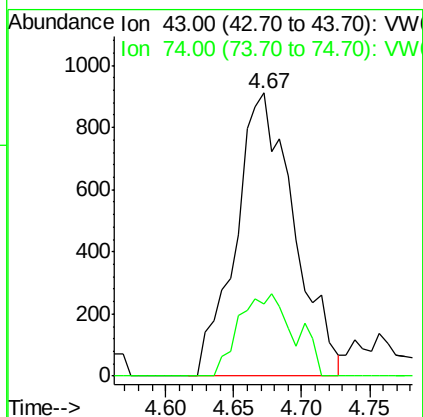
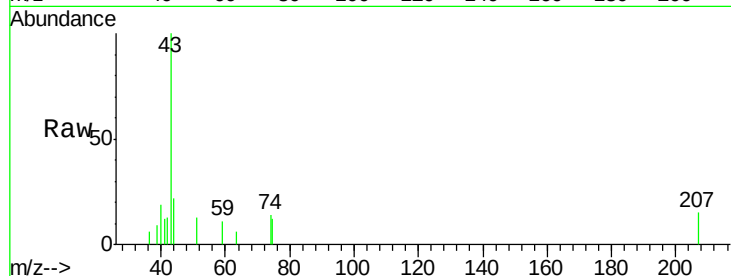




#18
Methyl Acetate
Concen: 5.81 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.01 min
Lab File: VW002361.D
Acq: 10 May 2018 06:20

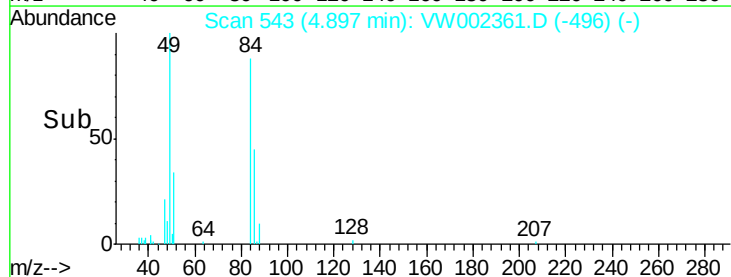
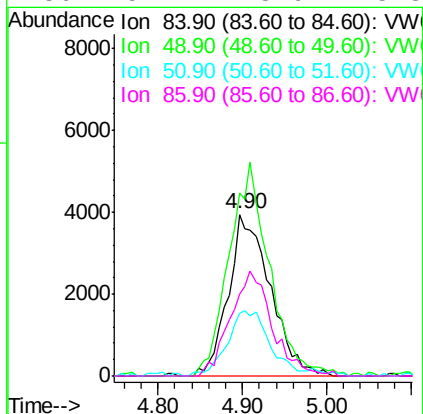
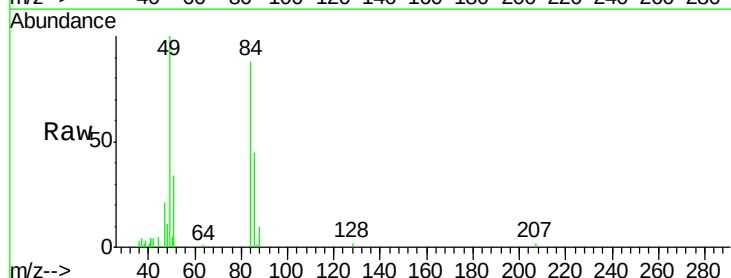
Instrument :
MSVOA_W
ClientSampleId :
HR-06-050418RE

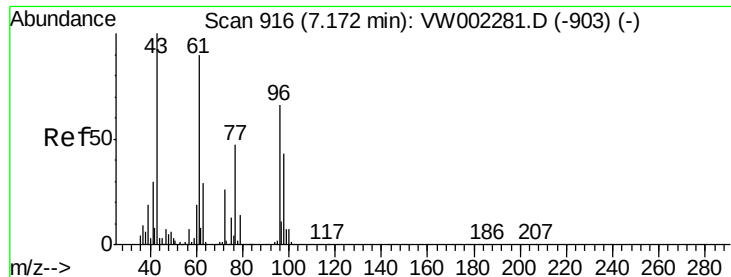
Tgt Ion: 43 Resp: 2726
Ion Ratio Lower Upper
43 100
74 27.8 19.4 29.2



#20
Methylene Chloride
Concen: 17.68 ug/l
RT: 4.90 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW002361.D
Acq: 10 May 2018 06:20

Tgt Ion: 84 Resp: 13324
Ion Ratio Lower Upper
84 100
49 113.4 97.7 146.5
51 38.9 30.2 45.4
86 51.1 48.9 73.3





#25

2-Butanone

Concen: 8.02 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW002361.D

Acq: 10 May 2018 06:20

Instrument :

MSVOA_W

ClientSampleId :

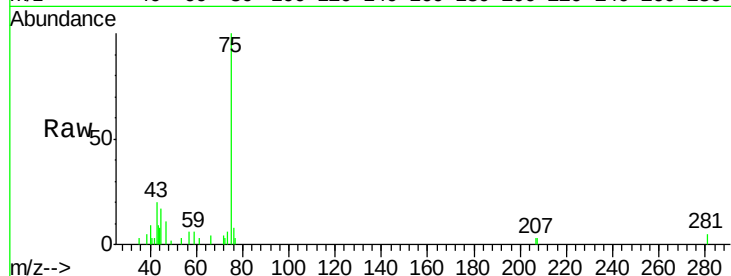
HR-06-050418RE

Tgt Ion: 43 Resp: 1861

Ion Ratio Lower Upper

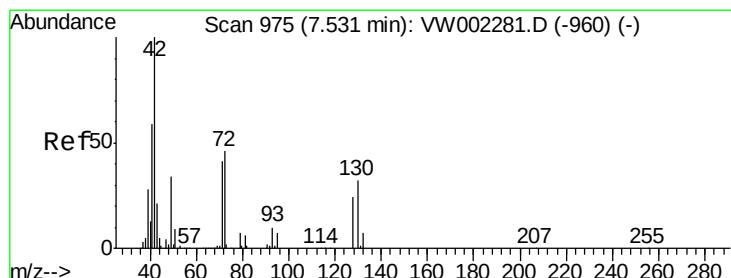
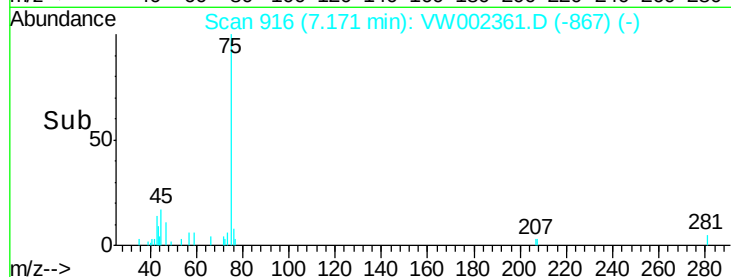
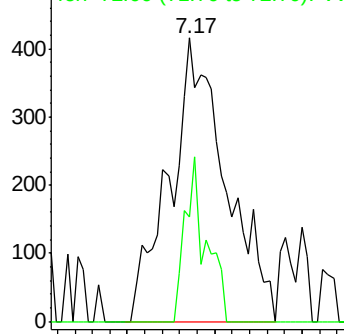
43 100

72 37.0 20.6 31.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#29

Tetrahydrofuran

Concen: 3.90 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW002361.D

Acq: 10 May 2018 06:20

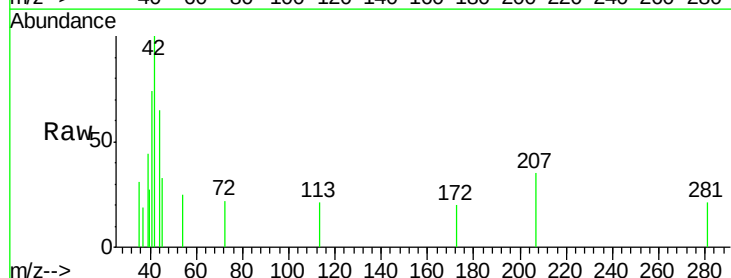
Tgt Ion: 42 Resp: 594

Ion Ratio Lower Upper

42 100

72 10.9 34.5 51.7#

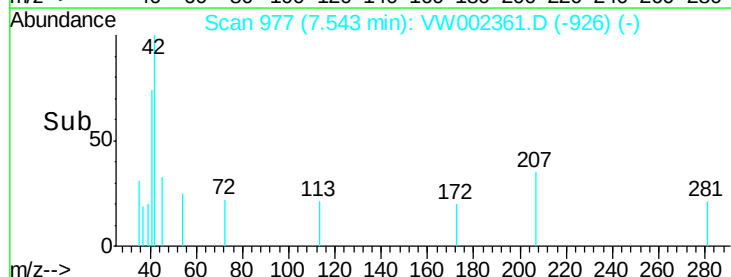
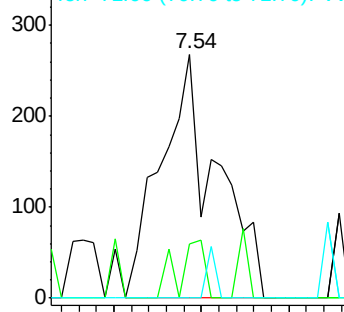
71 3.5 33.0 49.6#

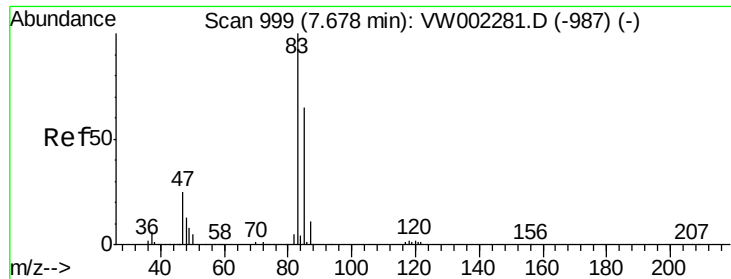


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

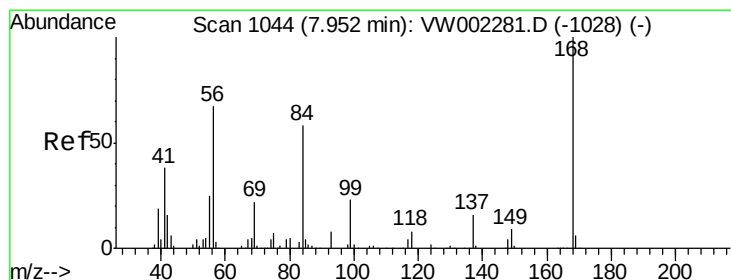
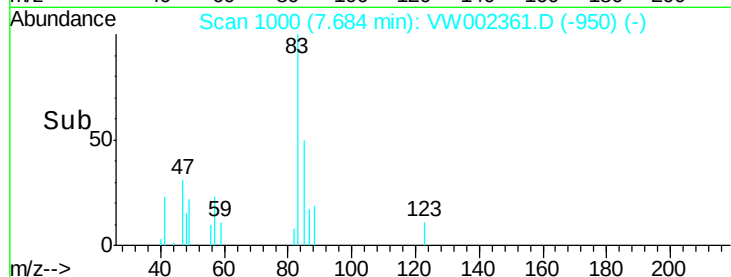
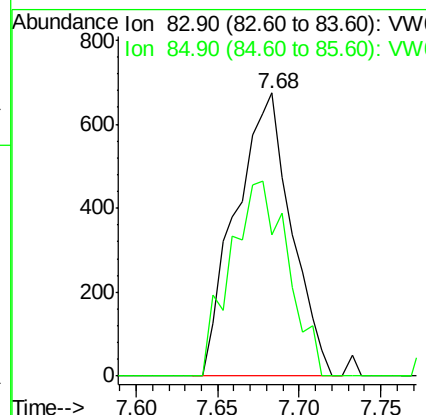
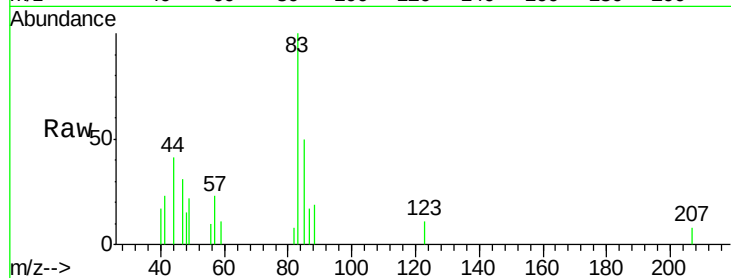




#30
Chloroform
Concen: 1.15 ug/l
RT: 7.68 min Scan# 1000
Delta R.T. 0.01 min
Lab File: VW002361.D
Acq: 10 May 2018 06:20

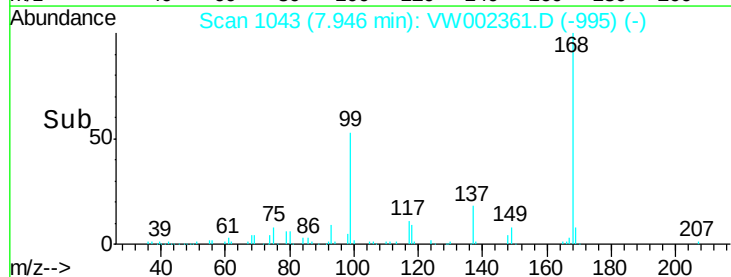
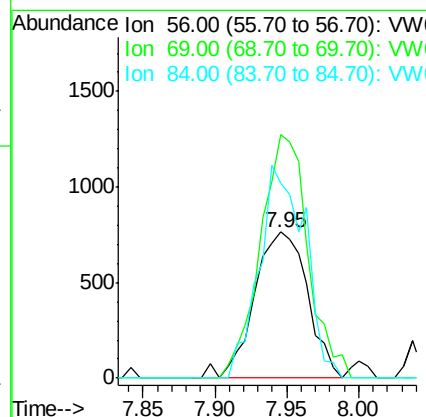
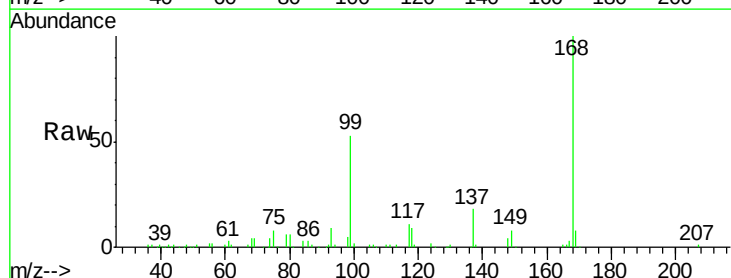
Instrument :
MSVOA_W
ClientSampleId :
HR-06-050418RE

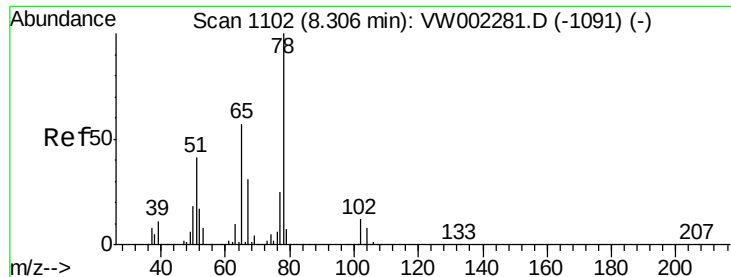
Tgt Ion: 83 Resp: 1601
Ion Ratio Lower Upper
83 100
85 50.1 51.8 77.6#



#31
Cyclohexane
Concen: 1.65 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW002361.D
Acq: 10 May 2018 06:20

Tgt Ion: 56 Resp: 1958
Ion Ratio Lower Upper
56 100
69 166.8 26.2 39.4#
84 133.5 69.2 103.8#

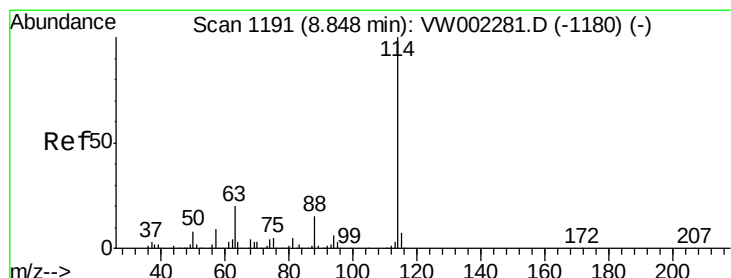
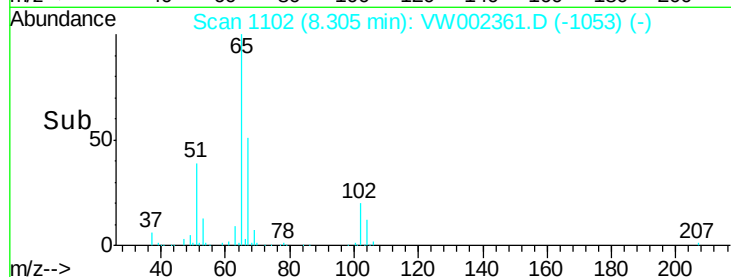
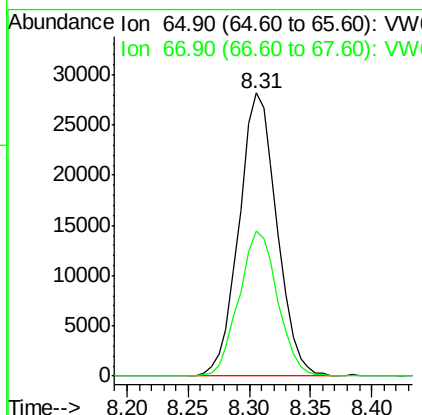
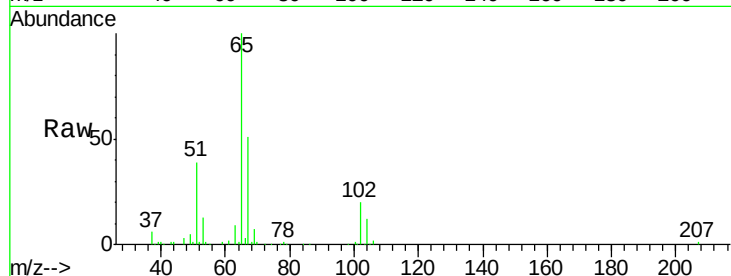




#33
 1,2-Dichloroethane-d4
 Concen: 75.81 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002361.D
 Acq: 10 May 2018 06:20

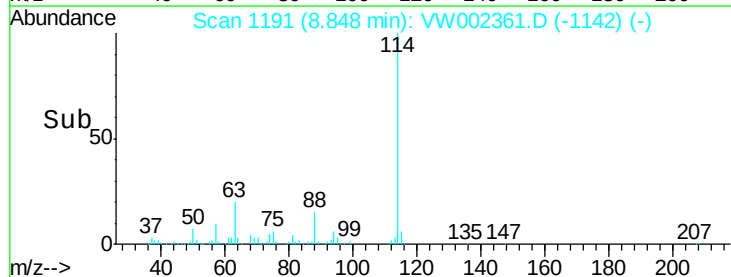
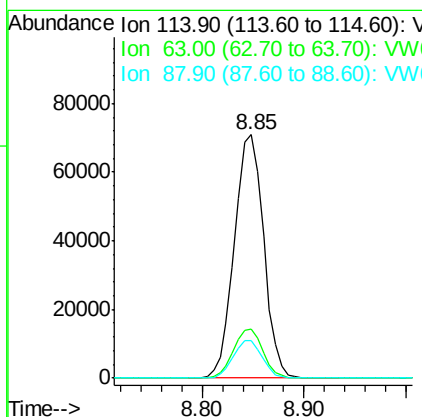
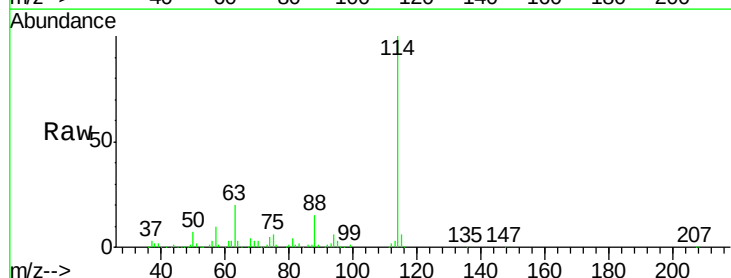
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-050418RE

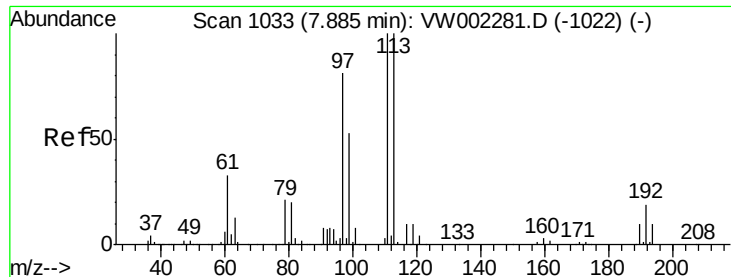
Tgt Ion: 65 Resp: 60667
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002361.D
 Acq: 10 May 2018 06:20

Tgt Ion: 114 Resp: 140967
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 15.2 0.0 29.6

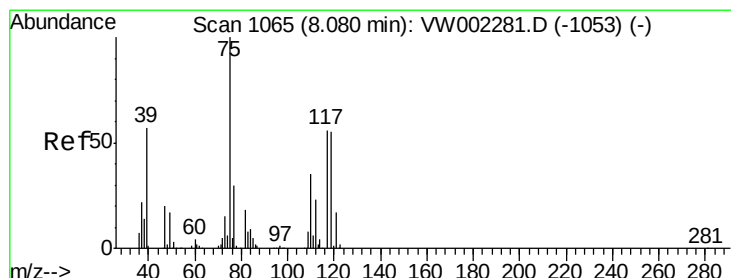
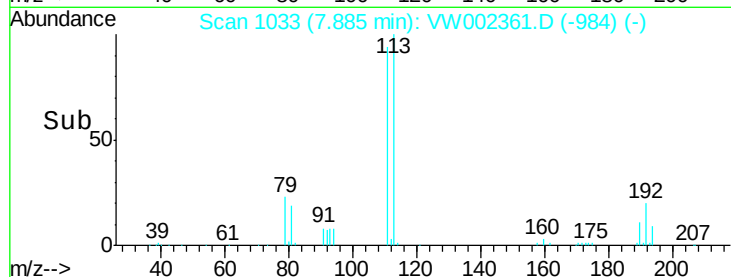
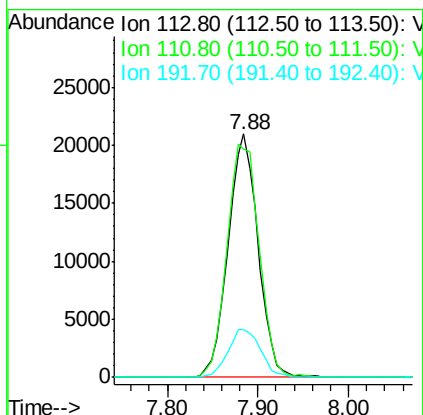
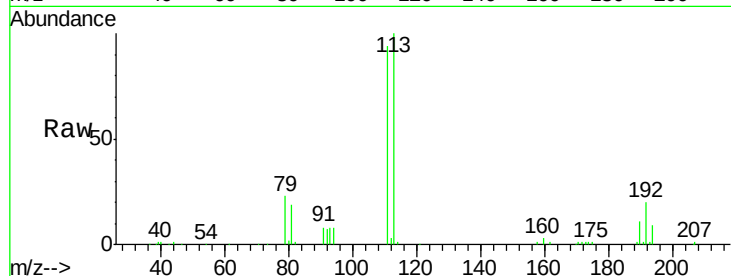




#35
 Dibromofluoromethane
 Concen: 53.15 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002361.D
 Acq: 10 May 2018 06:20

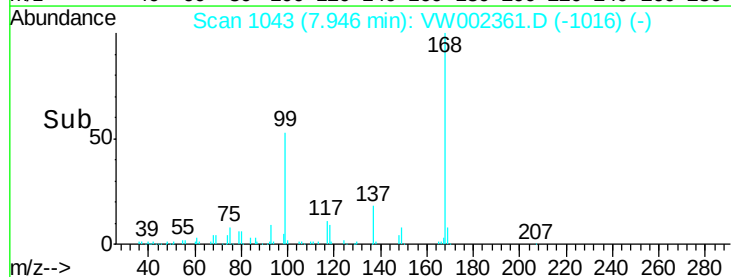
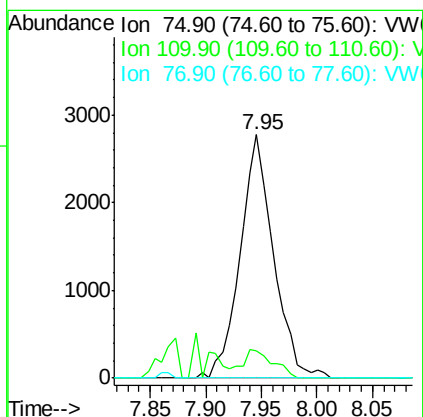
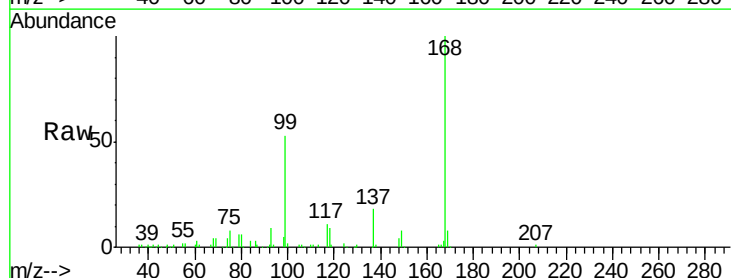
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-050418RE

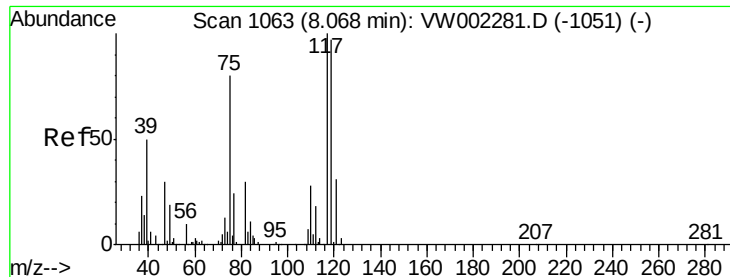
Tgt Ion: 113 Resp: 48019
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.5 122.3
 192 21.4 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 4.51 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002361.D
 Acq: 10 May 2018 06:20

Tgt Ion: 75 Resp: 5754
 Ion Ratio Lower Upper
 75 100
 110 10.9 18.1 54.1#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 5.92 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW002361.D

Acq: 10 May 2018 06:20

Instrument :

MSVOA_W

ClientSampleId :

HR-06-050418RE

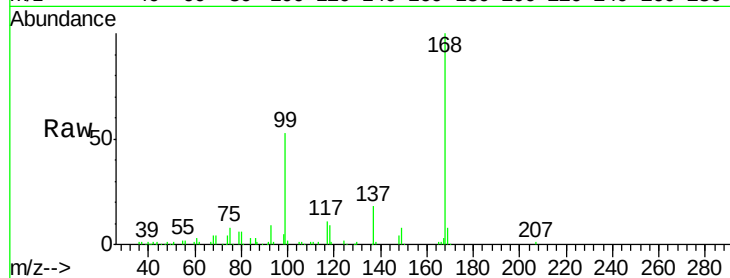
Tgt Ion: 117 Resp: 7304

Ion Ratio Lower Upper

117 100

119 5.7 77.5 116.3#

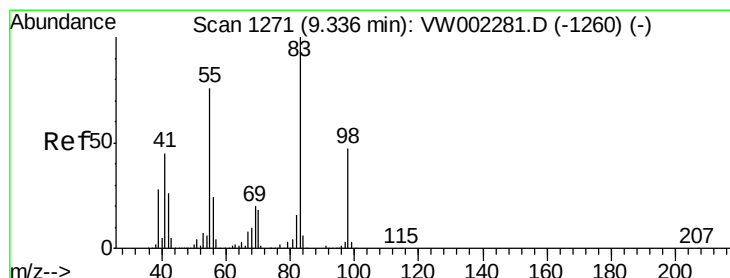
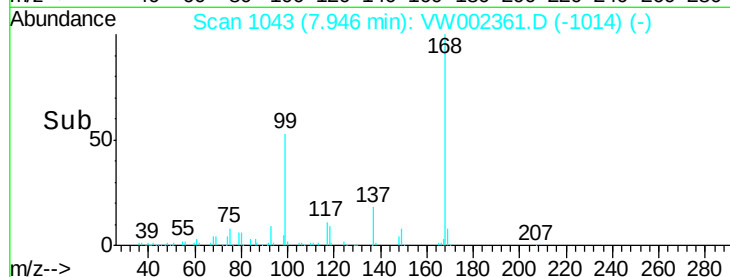
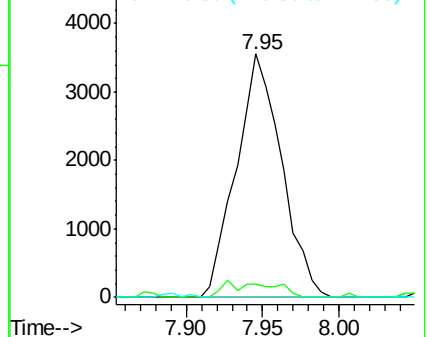
121 0.0 24.4 36.6#



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: 2.66 ug/l

RT: 9.34 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW002361.D

Acq: 10 May 2018 06:20

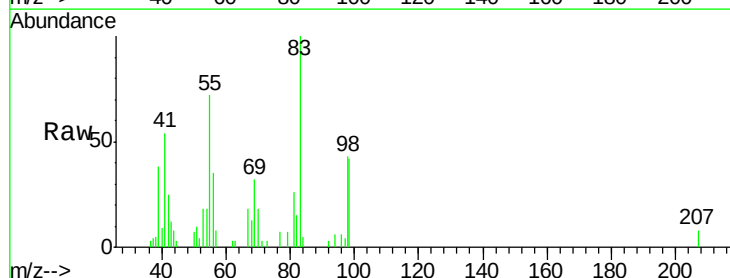
Tgt Ion: 83 Resp: 3954

Ion Ratio Lower Upper

83 100

55 68.1 60.6 91.0

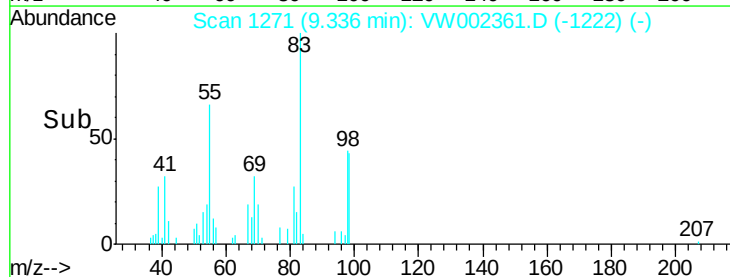
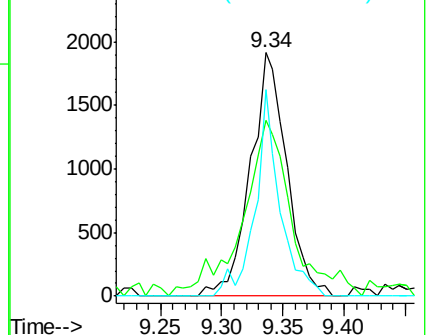
98 84.8 37.4 56.0#

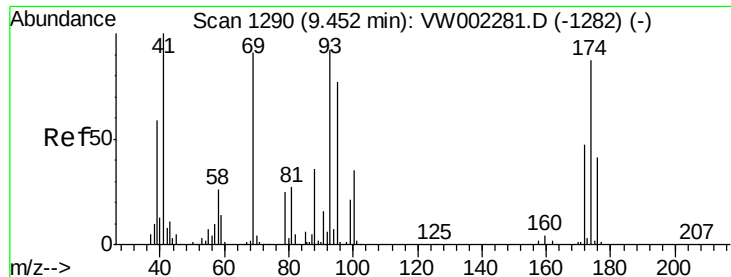


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

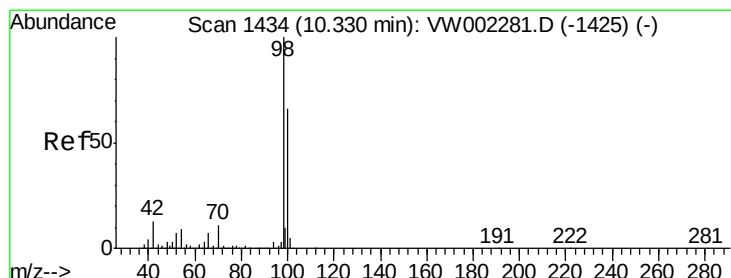
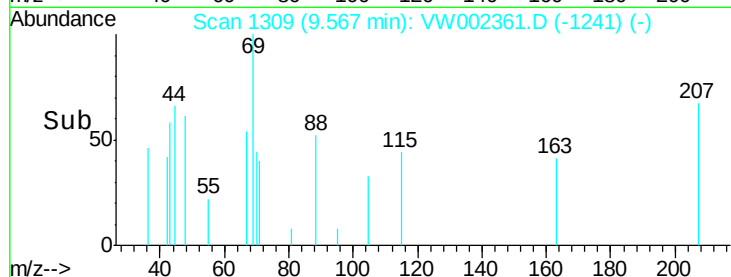
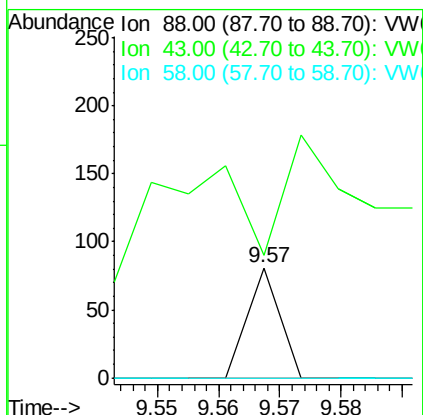
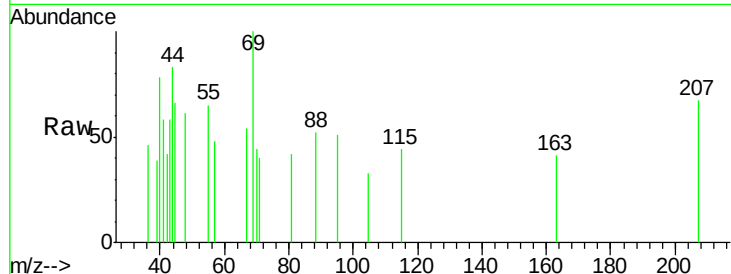




#49
1,4-Dioxane
Concen: 3.62 ug/l
RT: 9.57 min Scan# 1309
Delta R.T. 0.12 min
Lab File: VW002361.D
Acq: 10 May 2018 06:20

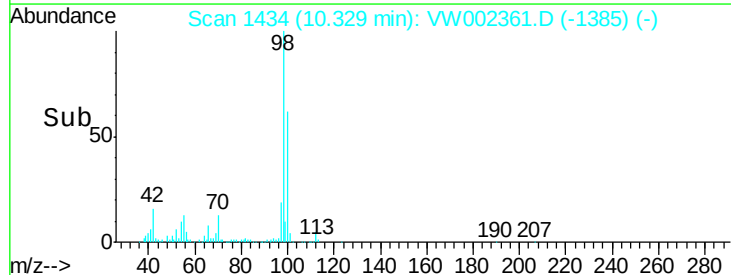
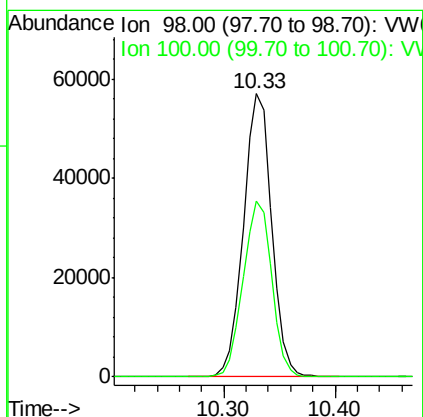
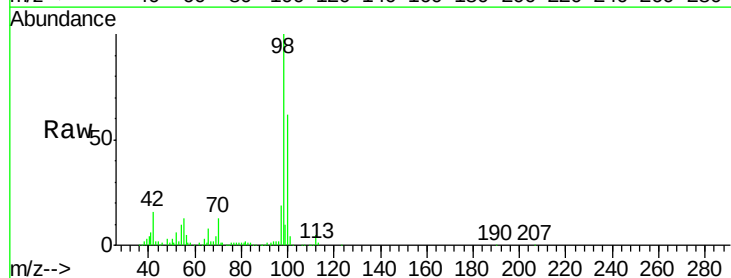
Instrument :
MSVOA_W
ClientSampleId :
HR-06-050418RE

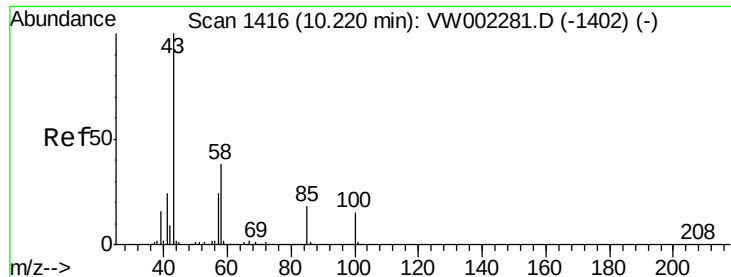
Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 280.0 26.3 39.5#
58 0.0 56.0 84.0#



#50
Toluene-d8
Concen: 29.18 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW002361.D
Acq: 10 May 2018 06:20

Tgt Ion: 98 Resp: 100528
Ion Ratio Lower Upper
98 100
100 62.8 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 2.42 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW002361.D

Acq: 10 May 2018 06:20

Instrument :

MSVOA_W

ClientSampleId :

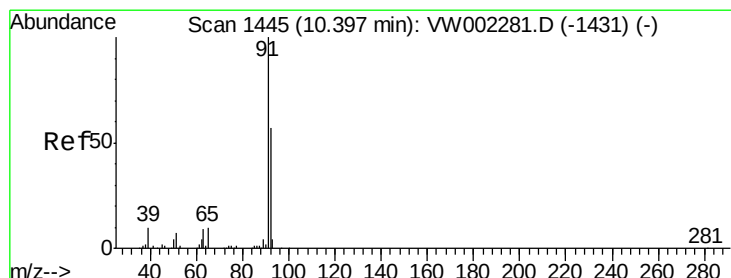
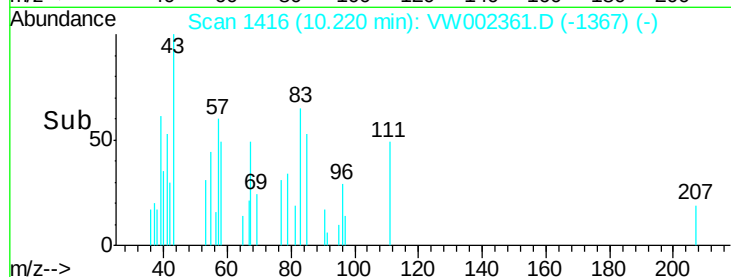
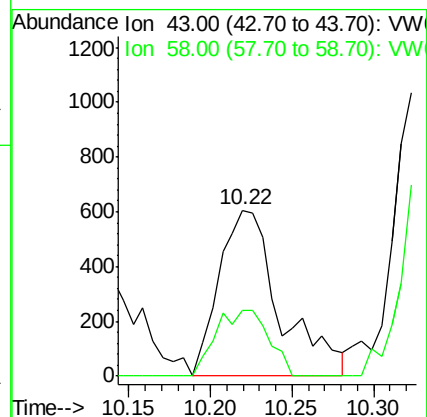
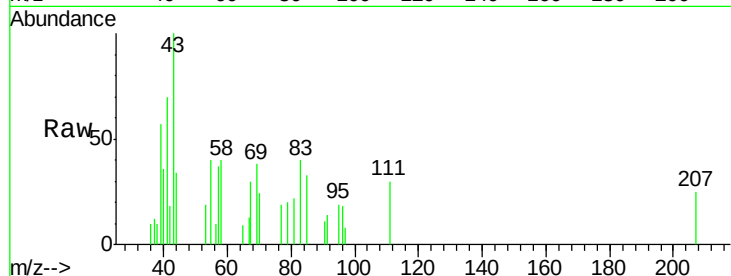
HR-06-050418RE

Tgt Ion: 43 Resp: 1574

Ion Ratio Lower Upper

43 100

58 34.3 30.2 45.2



#52

Toluene

Concen: 23.77 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW002361.D

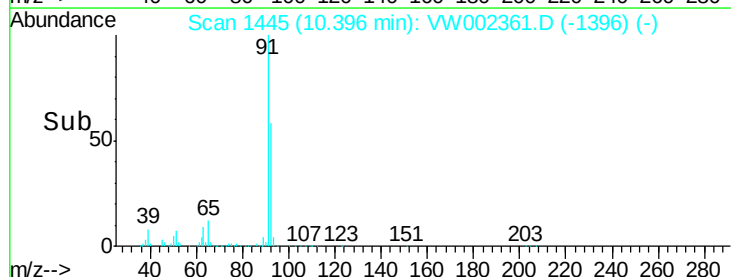
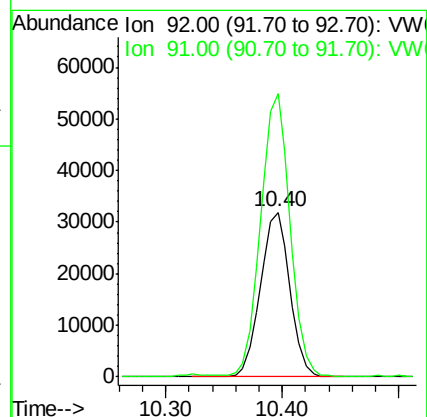
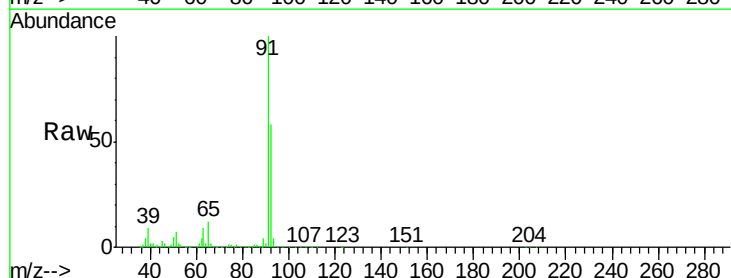
Acq: 10 May 2018 06:20

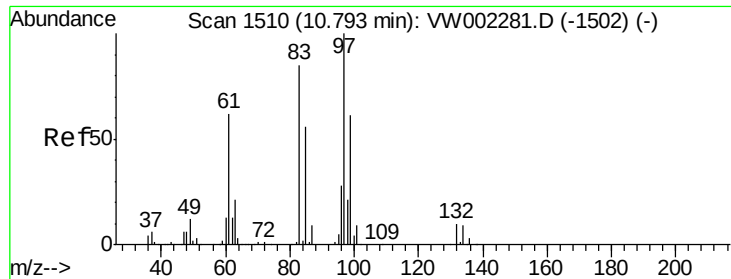
Tgt Ion: 92 Resp: 56251

Ion Ratio Lower Upper

92 100

91 170.6 138.6 208.0

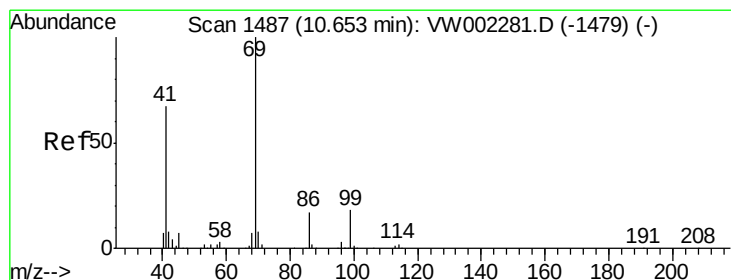
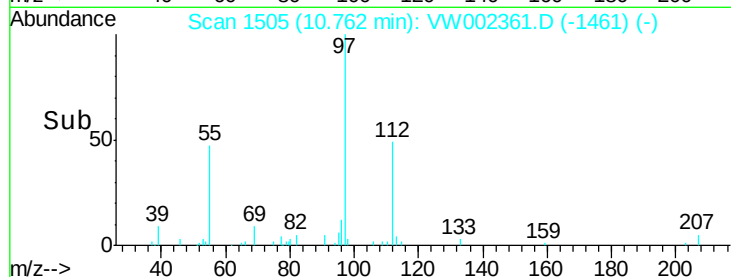
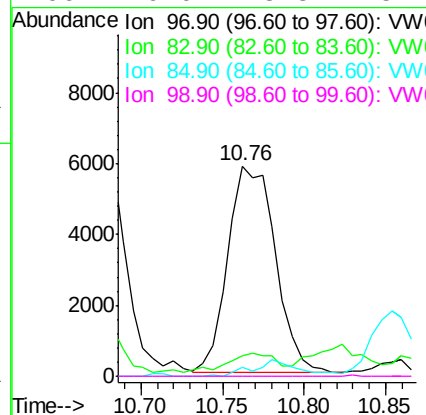
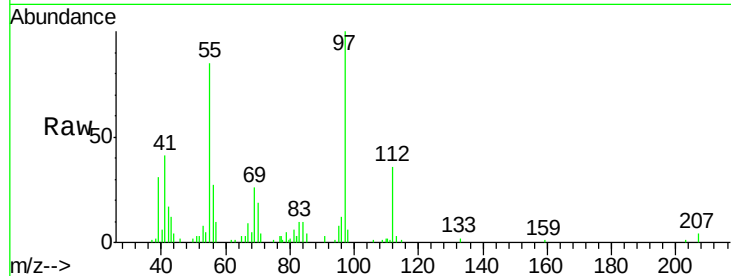




#55
 1,1,2-Trichloroethane
 Concen: 16.14 ug/l
 RT: 10.76 min Scan# 1505
 Delta R.T. -0.03 min
 Lab File: VW002361.D
 Acq: 10 May 2018 06:20

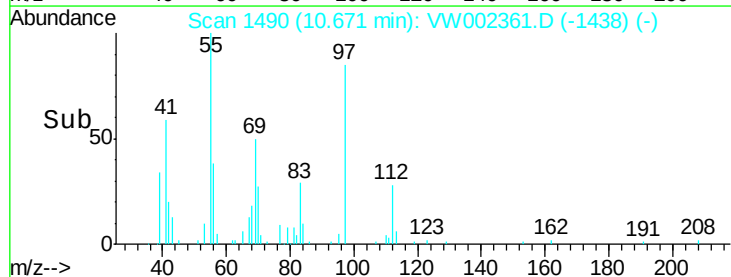
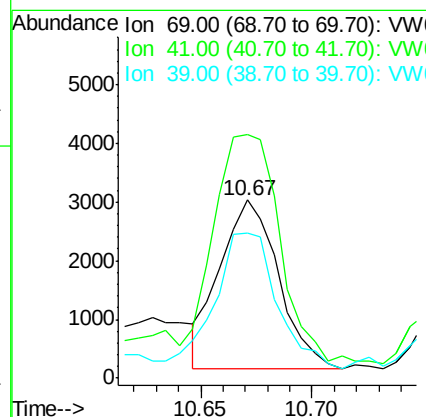
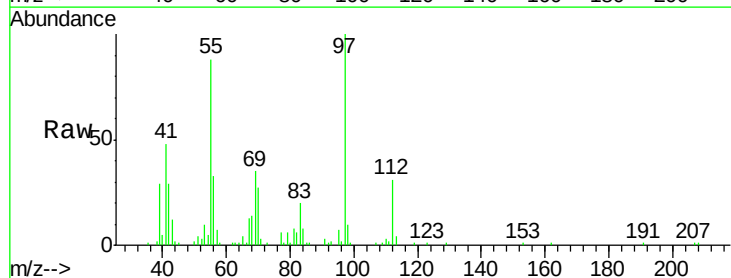
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-050418RE

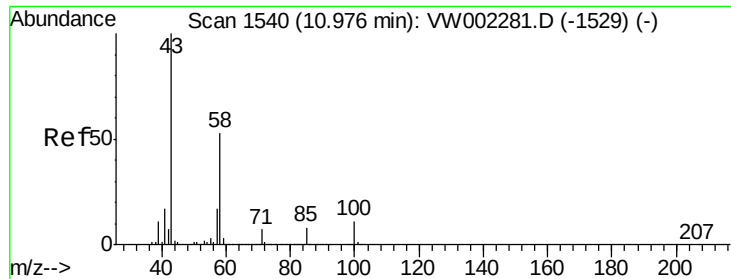
Tgt Ion: 97 Resp: 11859
 Ion Ratio Lower Upper
 97 100
 83 7.2 68.4 102.6#
 85 4.4 44.6 67.0#
 99 0.0 48.8 73.2#



#56
 Ethyl methacrylate
 Concen: 5.77 ug/l
 RT: 10.67 min Scan# 1490
 Delta R.T. 0.02 min
 Lab File: VW002361.D
 Acq: 10 May 2018 06:20

Tgt Ion: 69 Resp: 5242
 Ion Ratio Lower Upper
 69 100
 41 195.6 56.0 84.0#
 39 86.4 32.7 49.1#

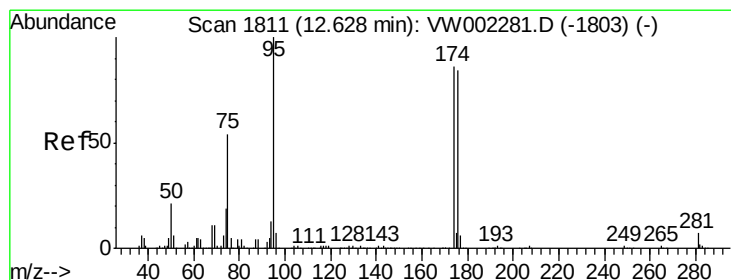
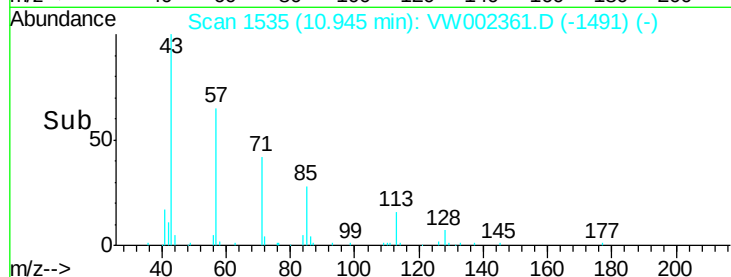
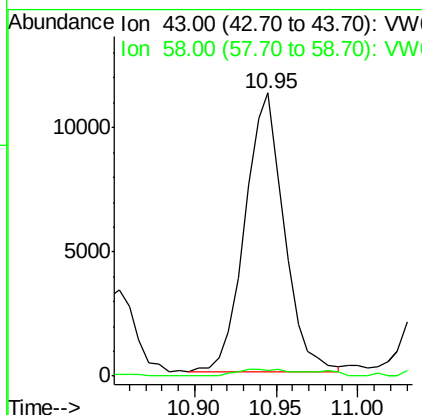
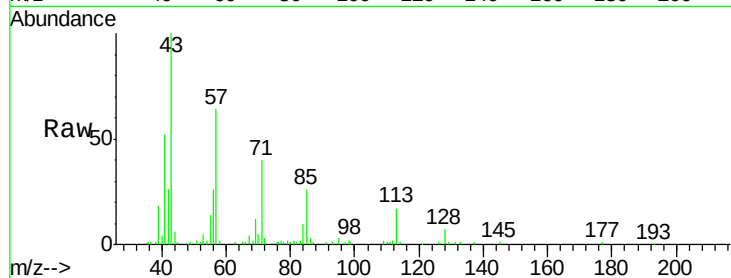




#59
2-Hexanone
Concen: 42.19 ug/l
RT: 10.95 min Scan# 1535
Delta R.T. -0.03 min
Lab File: VW002361.D
Acq: 10 May 2018 06:20

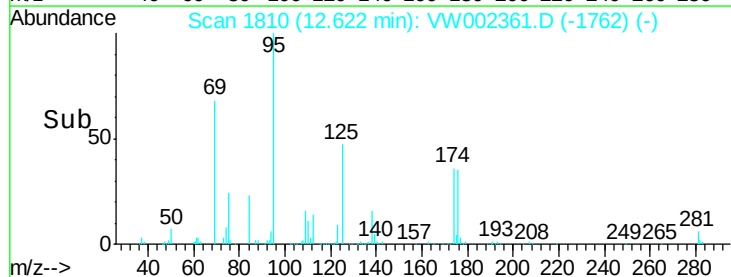
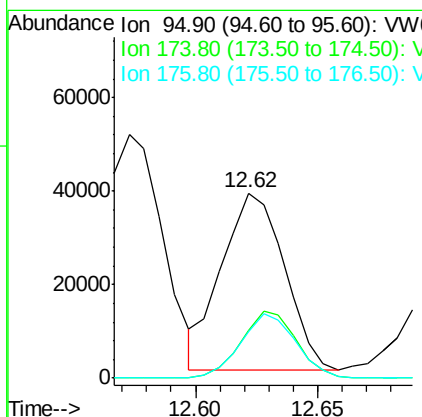
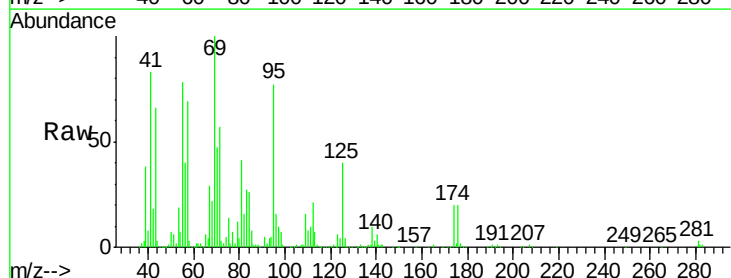
Instrument :
MSVOA_W
ClientSampleId :
HR-06-050418RE

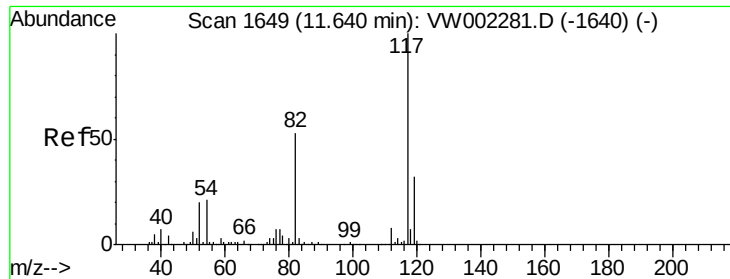
Tgt Ion: 43 Resp: 18764
Ion Ratio Lower Upper
43 100
58 3.5 26.0 78.0#



#62
4-Bromofluorobenzene
Concen: 53.92 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.01 min
Lab File: VW002361.D
Acq: 10 May 2018 06:20

Tgt Ion: 95 Resp: 67135
Ion Ratio Lower Upper
95 100
174 34.1 0.0 176.8
176 32.7 0.0 170.4

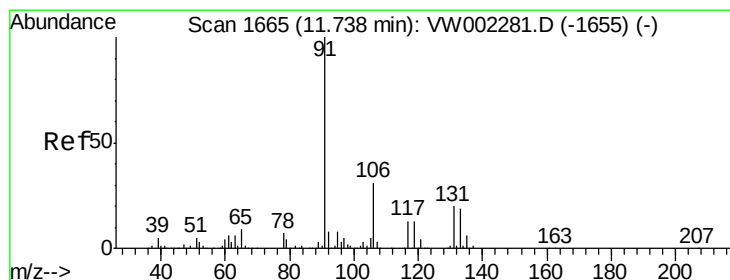
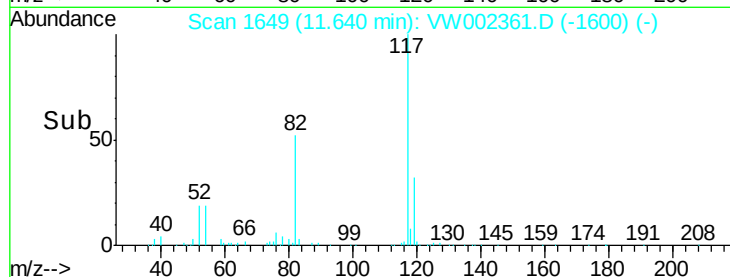
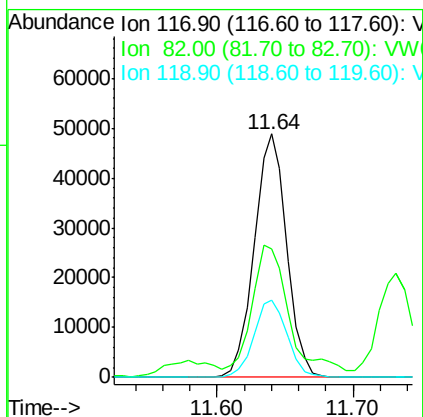
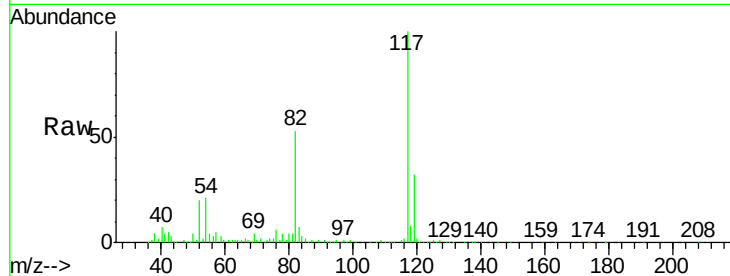




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002361.D
Acq: 10 May 2018 06:20

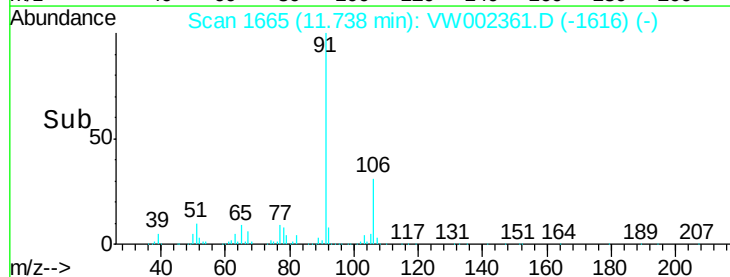
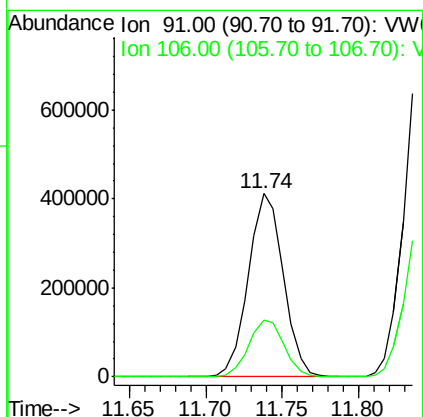
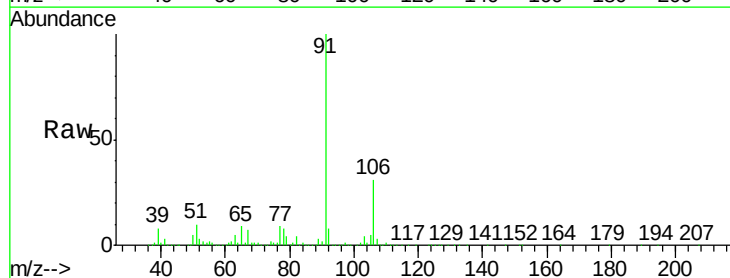
Instrument :
MSVOA_W
ClientSampleId :
HR-06-050418RE

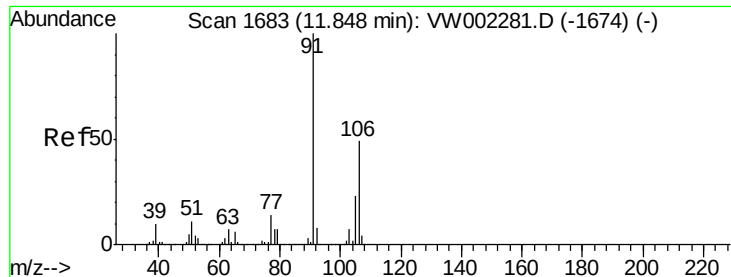
Tgt Ion:117 Resp: 81307
Ion Ratio Lower Upper
117 100
82 47.7 42.6 63.8
119 31.6 25.2 37.8



#67
Ethyl Benzene
Concen: 229.78 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002361.D
Acq: 10 May 2018 06:20

Tgt Ion: 91 Resp: 656162
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

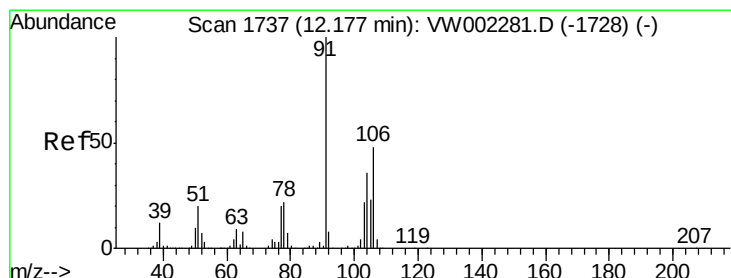
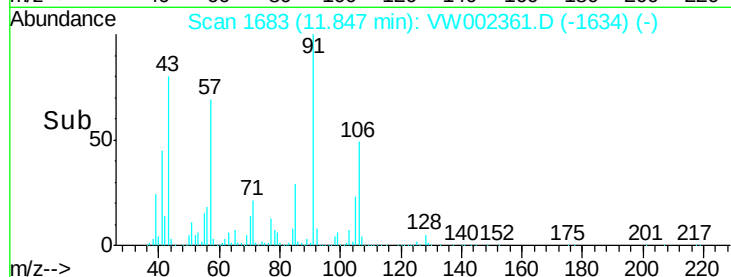
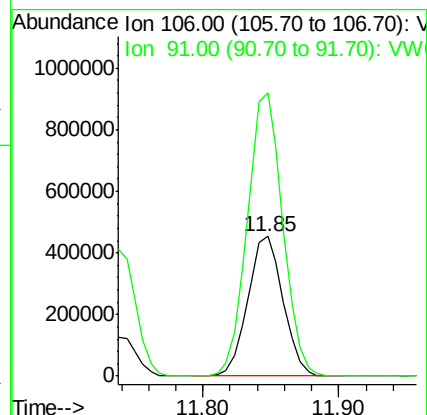
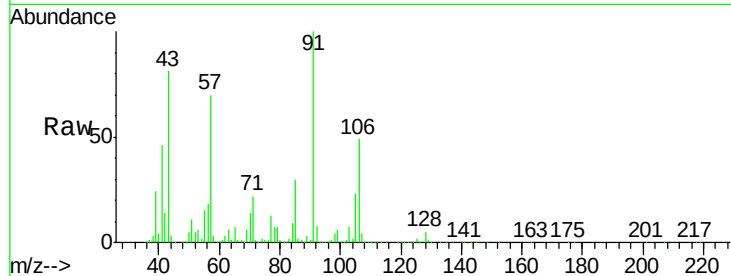




#68
m/p-Xylenes
Concen: 743.88 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002361.D
Acq: 10 May 2018 06:20

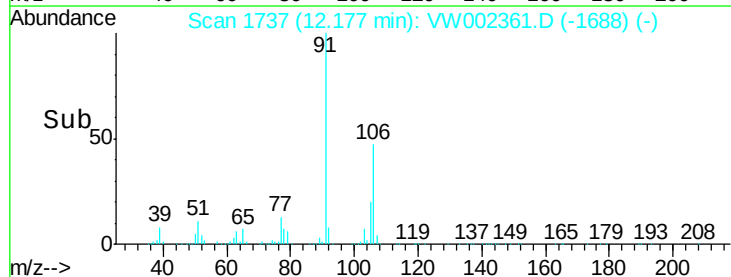
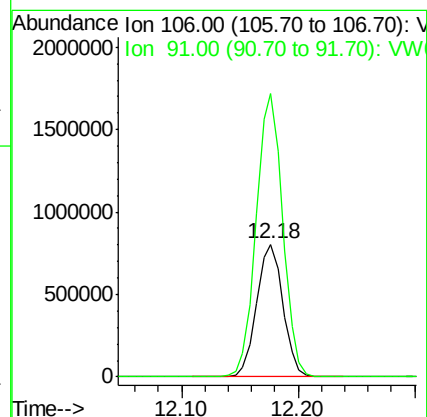
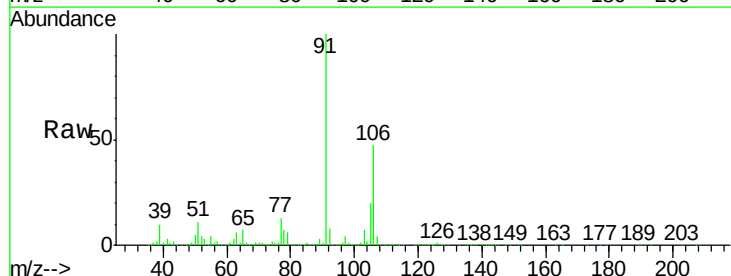
Instrument :
MSVOA_W
ClientSampleId :
HR-06-050418RE

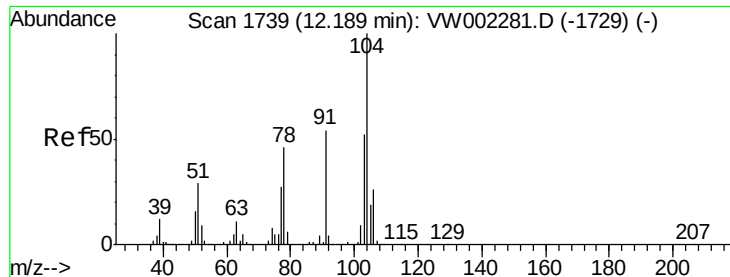
Tgt Ion:106 Resp: 819615
Ion Ratio Lower Upper
106 100
91 203.7 161.4 242.0



#69
o-Xylene
Concen: 1213.76 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002361.D
Acq: 10 May 2018 06:20

Tgt Ion:106 Resp: 1271793
Ion Ratio Lower Upper
106 100
91 214.8 107.1 321.1





#70

Styrene

Concen: 37.98 ug/l

RT: 12.18 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VW002361.D

Acq: 10 May 2018 06:20

Instrument :

MSVOA_W

ClientSampleId :

HR-06-050418RE

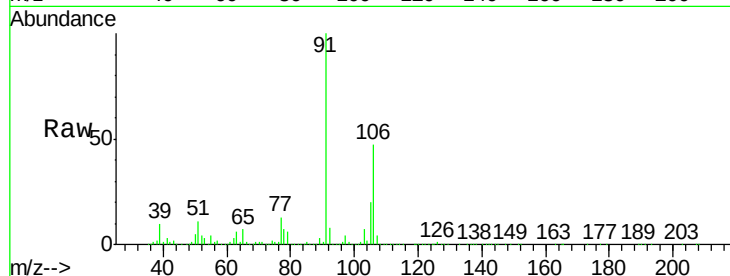
Tgt Ion:104 Resp: 66087

Ion Ratio Lower Upper

104 100

78 301.4 39.6 59.4#

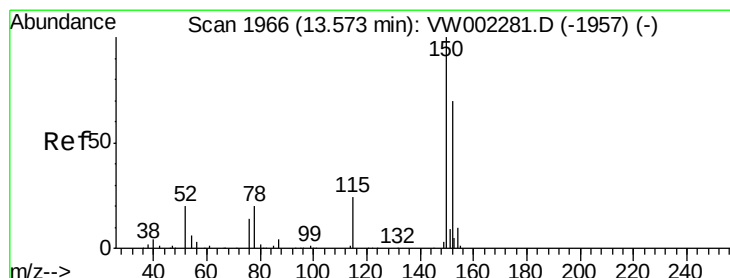
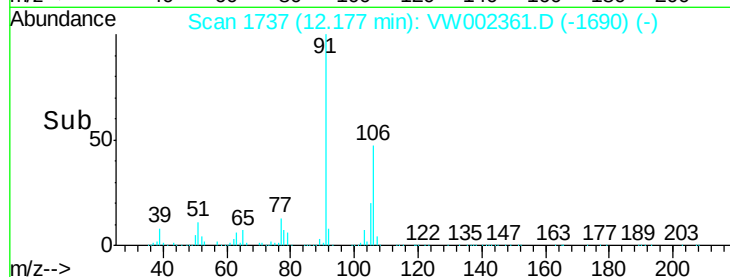
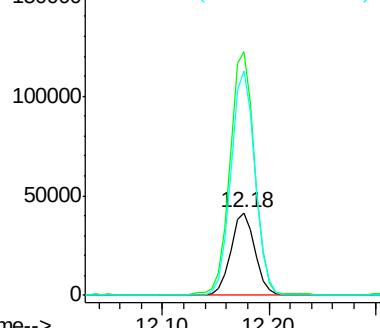
103 272.0 44.4 66.6#



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: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW002361.D

Acq: 10 May 2018 06:20

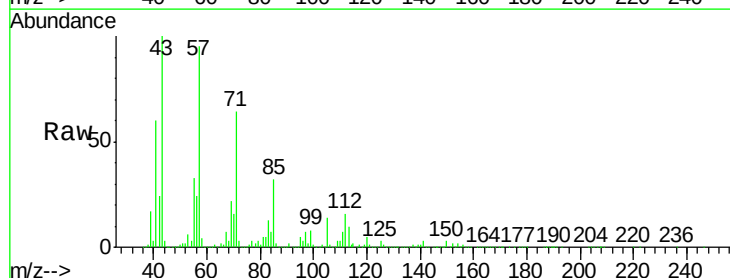
Tgt Ion:152 Resp: 64157

Ion Ratio Lower Upper

152 100

115 0.0 28.5 85.5#

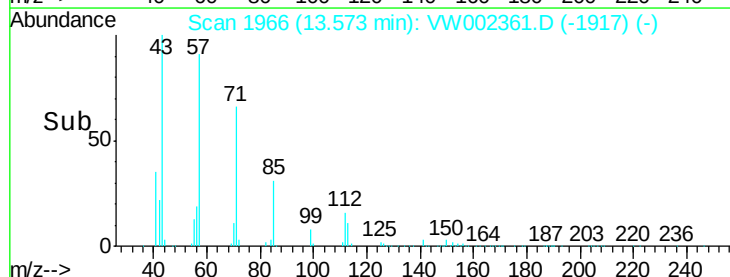
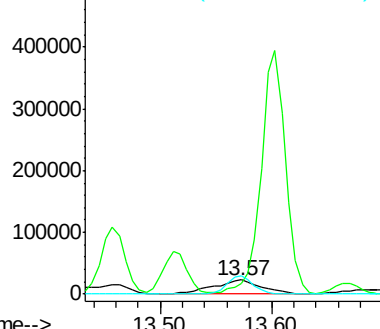
150 72.4 0.0 342.6

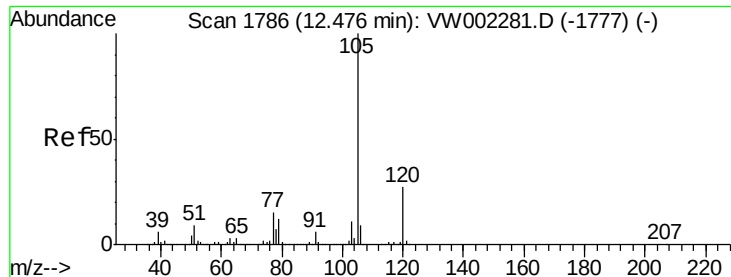


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 192.68 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002361.D

Acq: 10 May 2018 06:20

Instrument :

MSVOA_W

ClientSampleId :

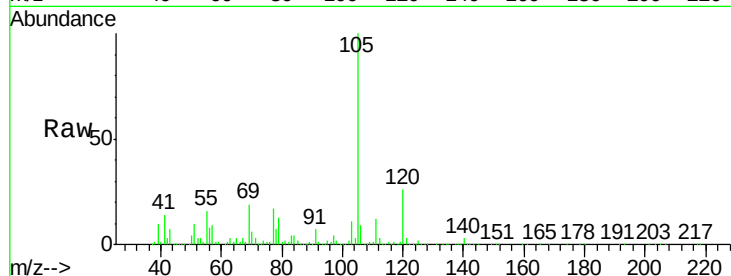
HR-06-050418RE

Tgt Ion:105 Resp: 802971

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

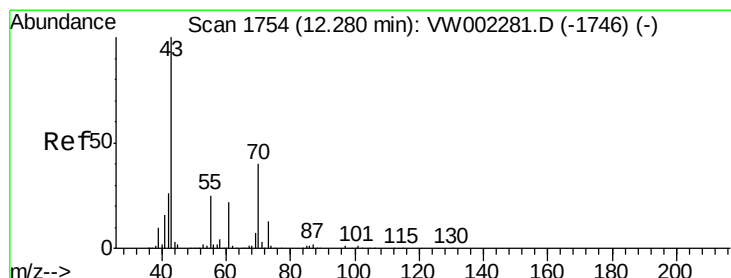
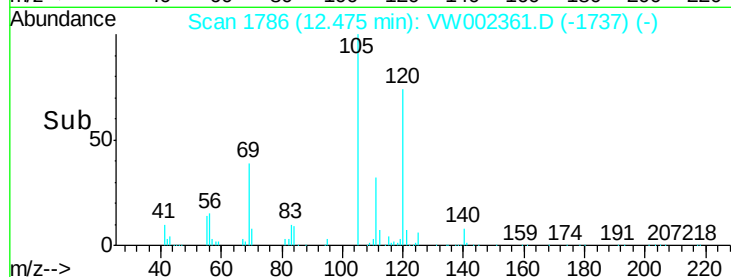
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 346.49 ug/l

RT: 12.26 min Scan# 1751

Delta R.T. -0.02 min

Lab File: VW002361.D

Acq: 10 May 2018 06:20

Tgt Ion: 43 Resp: 361352

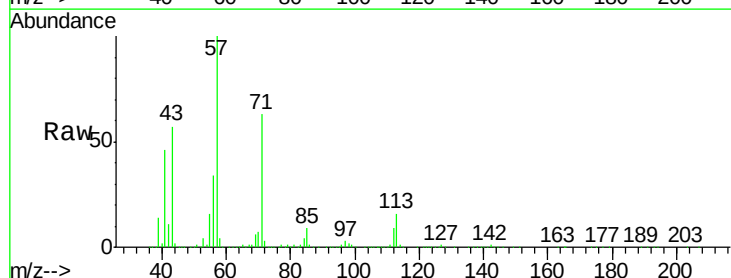
Ion Ratio Lower Upper

43 100

70 16.5 31.9 47.9#

55 0.0 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

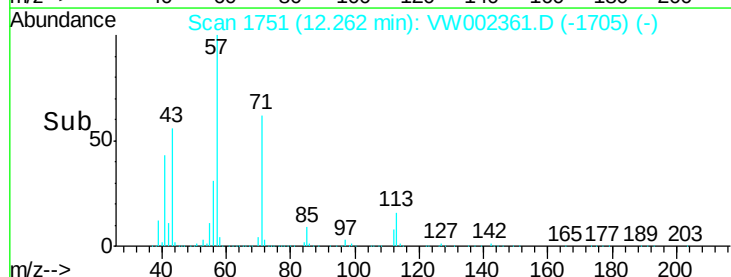
300000

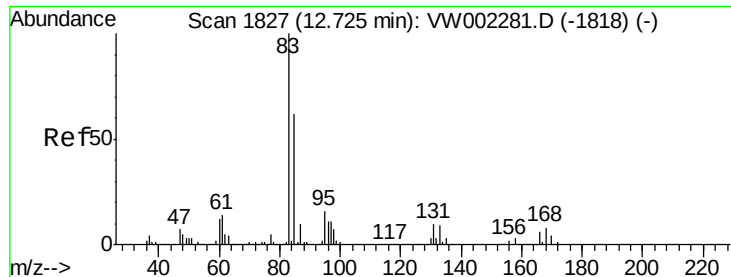
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 35.65 ug/l

RT: 12.70 min Scan# 1823

Delta R.T. -0.02 min

Lab File: VW002361.D

Acq: 10 May 2018 06:20

Instrument :

MSVOA_W

ClientSampleId :

HR-06-050418RE

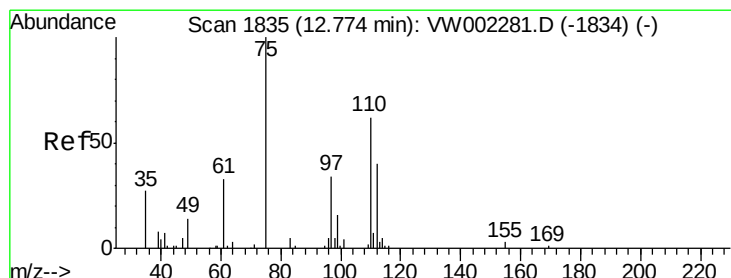
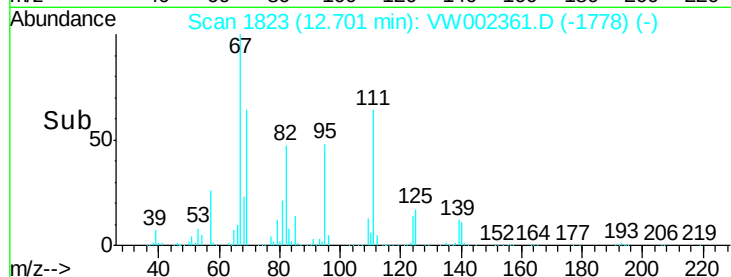
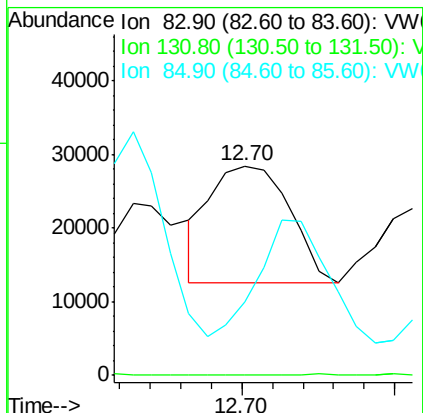
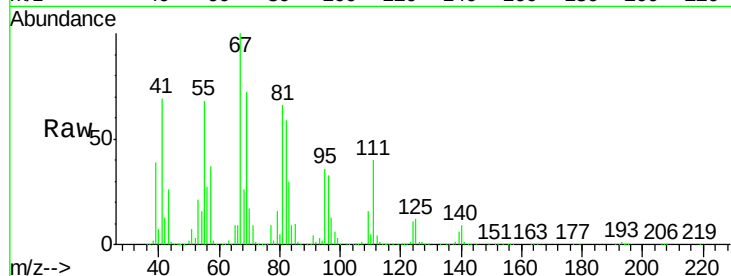
Tgt Ion: 83 Resp: 28713

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.5#

85 0.0 31.5 94.5#



#76

1,2,3-Trichloropropane

Concen: 26.54 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. 0.04 min

Lab File: VW002361.D

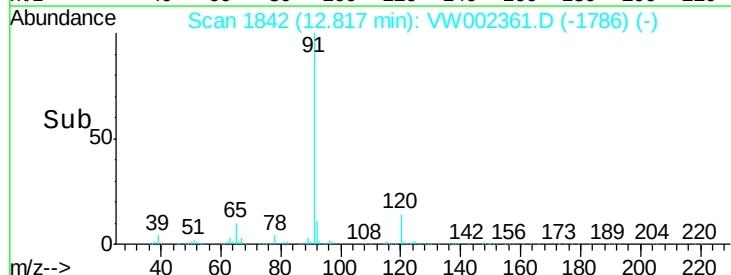
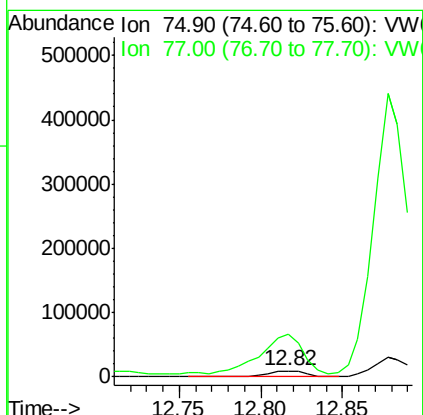
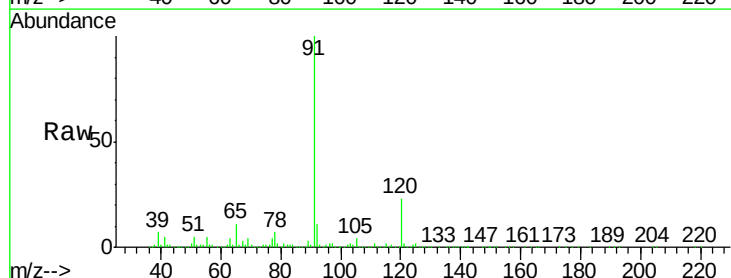
Acq: 10 May 2018 06:20

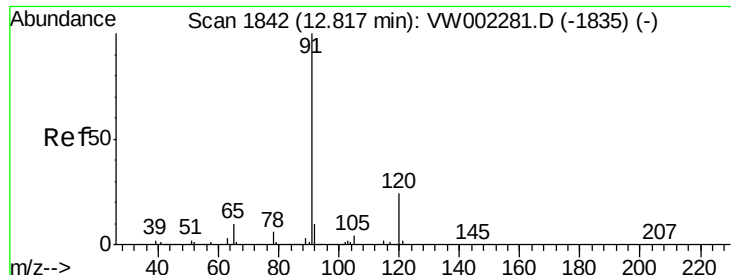
Tgt Ion: 75 Resp: 15098

Ion Ratio Lower Upper

75 100

77 705.7 187.5 562.6#





#78

n-propylbenzene

Concen: 456.80 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW002361.D

Acq: 10 May 2018 06:20

Instrument :

MSVOA_W

ClientSampleId :

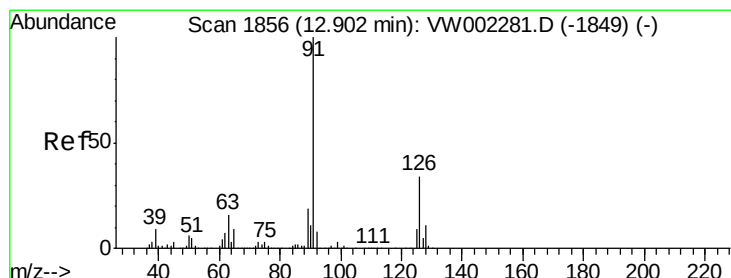
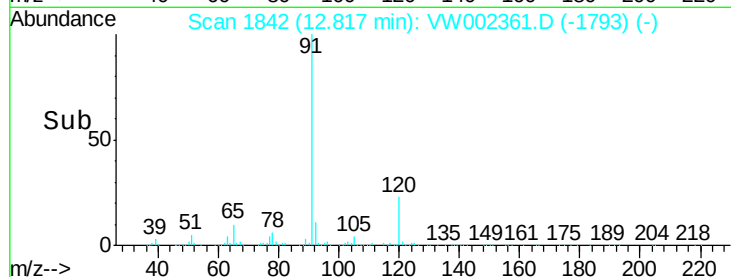
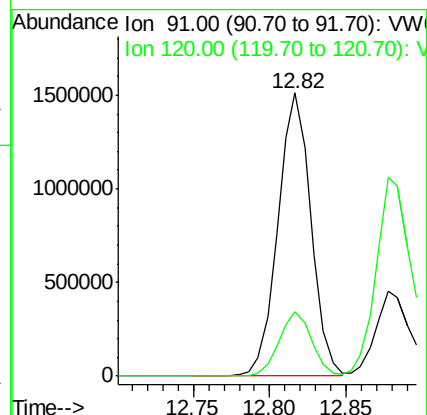
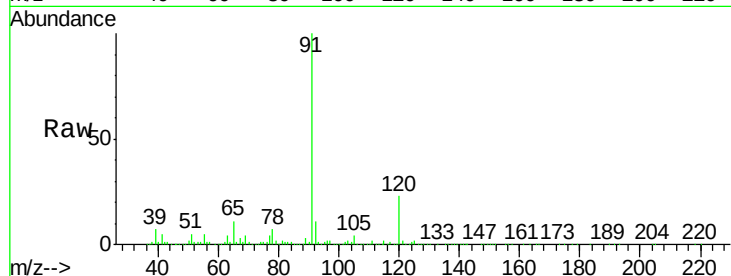
HR-06-050418RE

Tgt Ion: 91 Resp: 2256605

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.5



#79

2-Chlorotoluene

Concen: 105.09 ug/l

RT: 12.91 min Scan# 1858

Delta R.T. 0.01 min

Lab File: VW002361.D

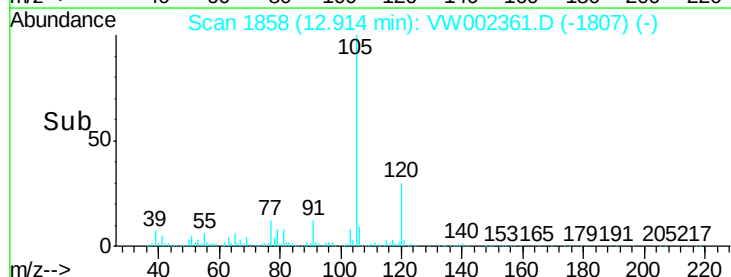
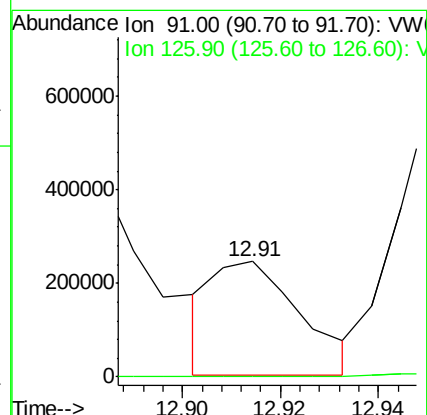
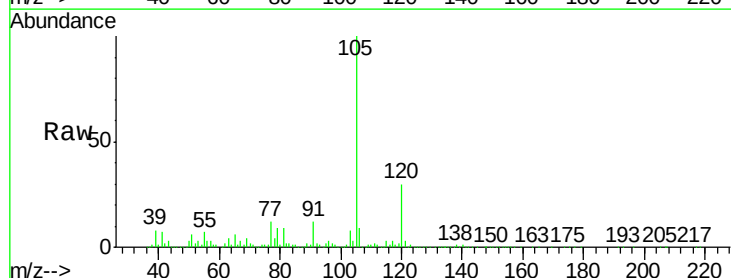
Acq: 10 May 2018 06:20

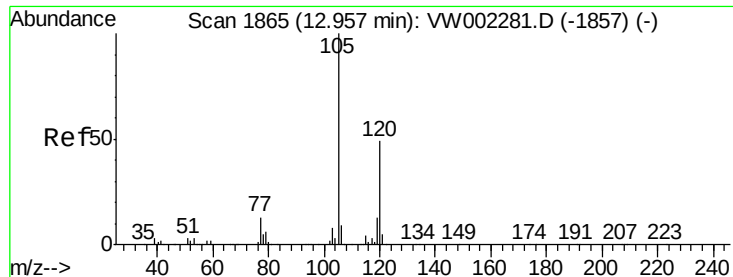
Tgt Ion: 91 Resp: 298948

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.6#

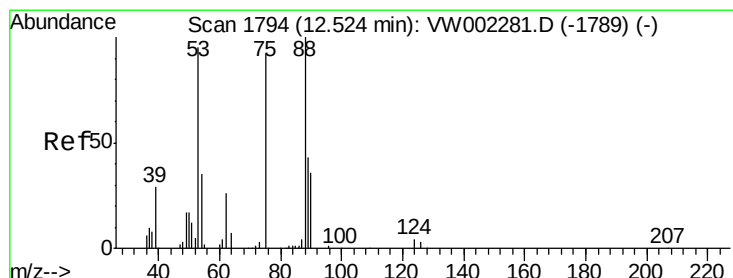
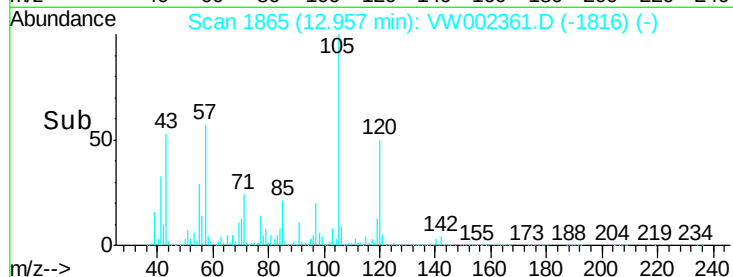
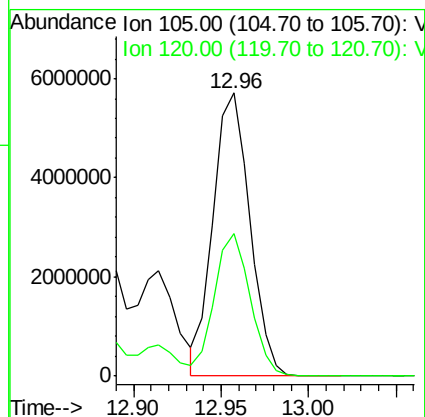
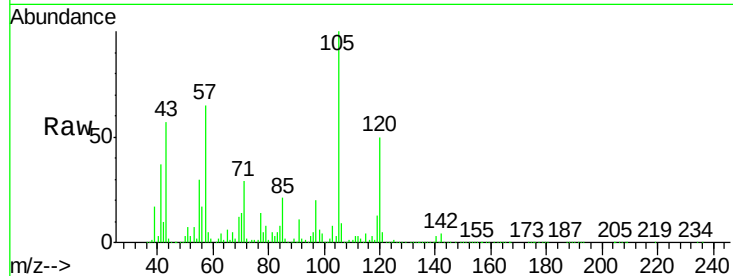




#80
 1,3,5-Trimethylbenzene
 Concen: 2379.38 ug/l
 RT: 12.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VW002361.D
 Acq: 10 May 2018 06:20

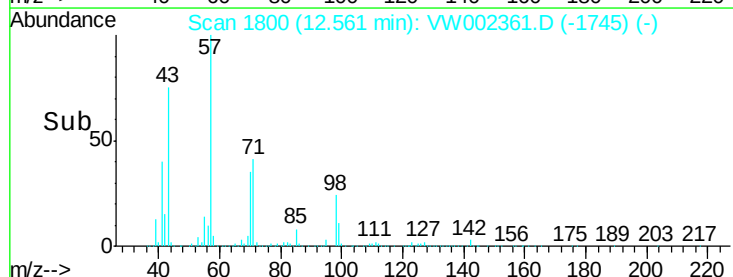
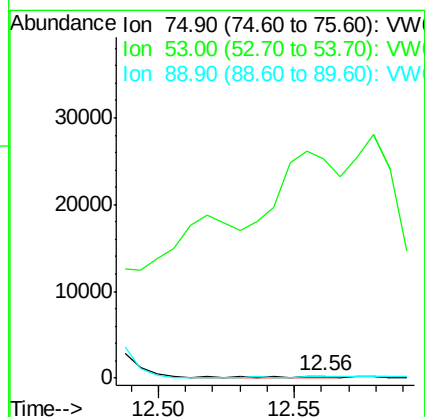
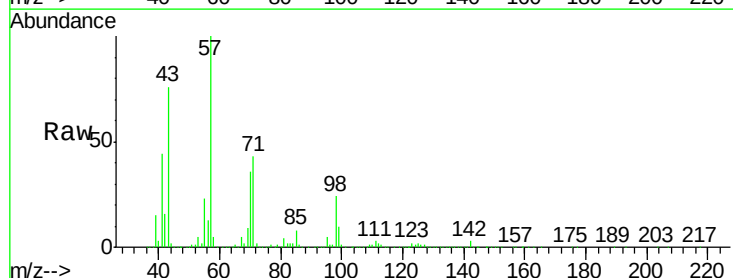
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-050418RE

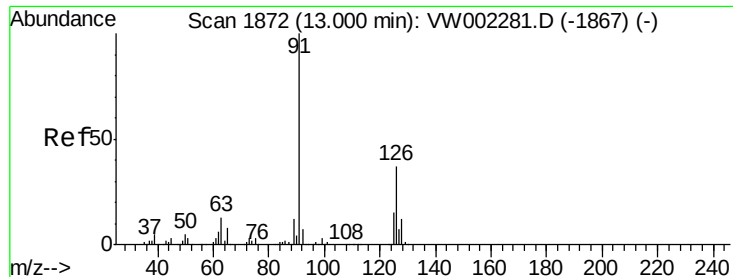
Tgt Ion: 105 Resp: 8340843
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 2.03 ug/l
 RT: 12.56 min Scan# 1800
 Delta R.T. 0.04 min
 Lab File: VW002361.D
 Acq: 10 May 2018 06:20

Tgt Ion: 75 Resp: 438
 Ion Ratio Lower Upper
 75 100
 53 2963.5 79.9 119.9#
 89 0.0 37.6 56.4#





#82

4-Chlorotoluene

Concen: 309.94 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.04 min

Lab File: VW002361.D

Acq: 10 May 2018 06:20

Instrument :

MSVOA_W

ClientSampleId :

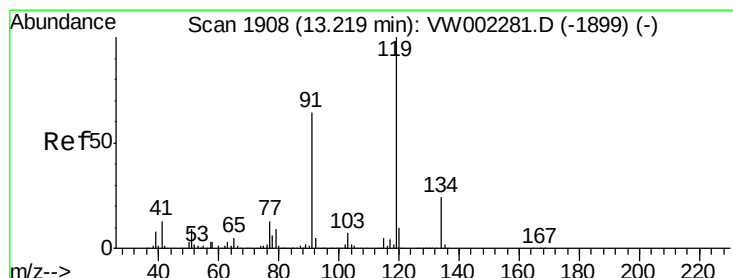
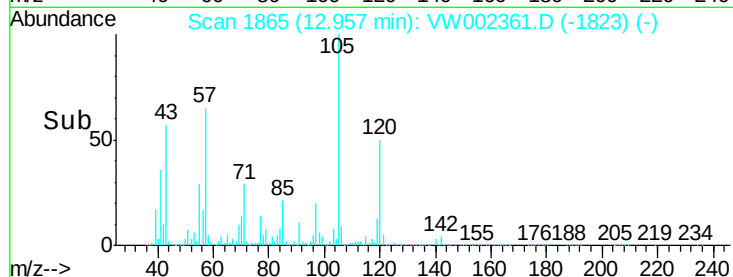
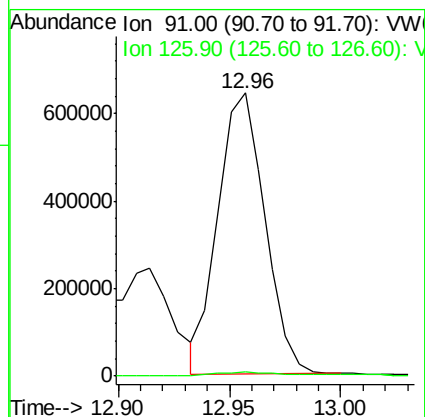
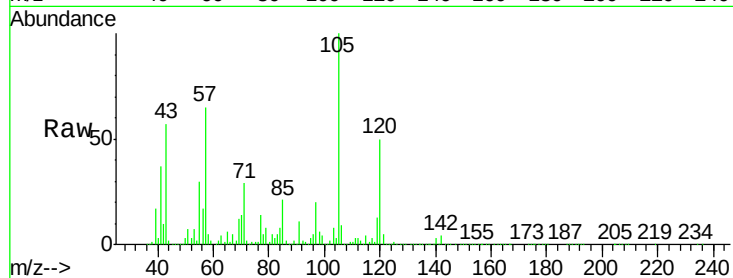
HR-06-050418RE

Tgt Ion: 91 Resp: 937679

Ion Ratio Lower Upper

91 100

126 1.8 17.4 52.3#



#83

tert-Butylbenzene

Concen: 25.94 ug/l

RT: 13.22 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VW002361.D

Acq: 10 May 2018 06:20

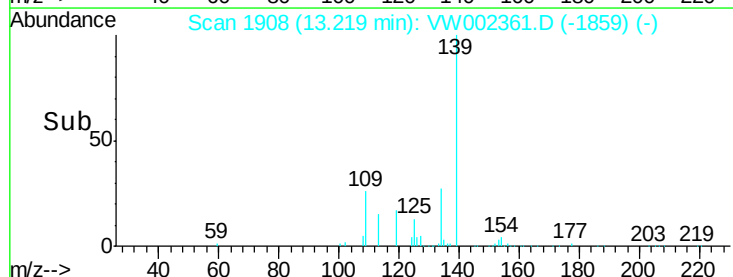
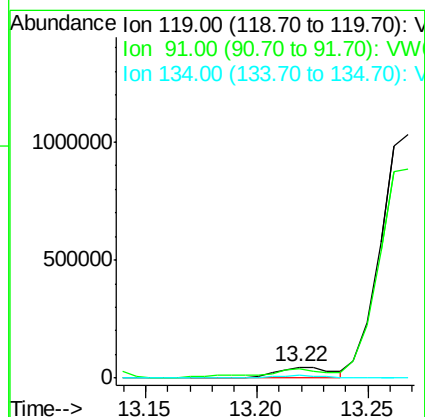
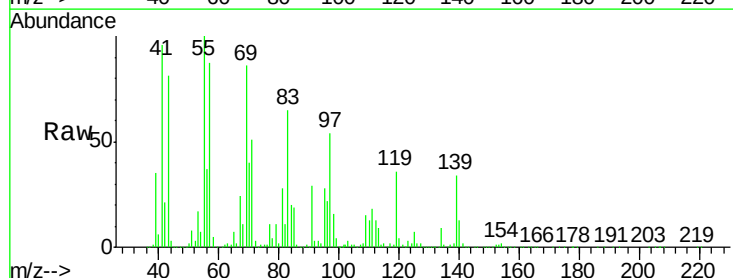
Tgt Ion: 119 Resp: 78299

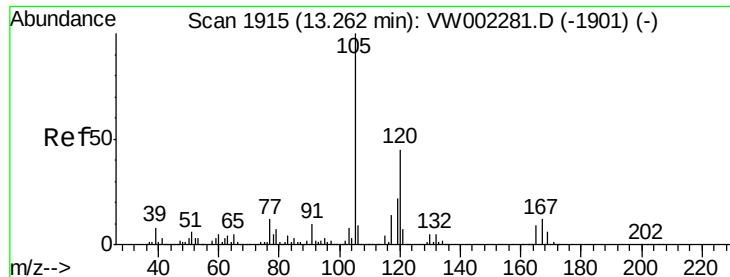
Ion Ratio Lower Upper

119 100

91 74.9 31.6 94.8

134 22.3 13.1 39.3

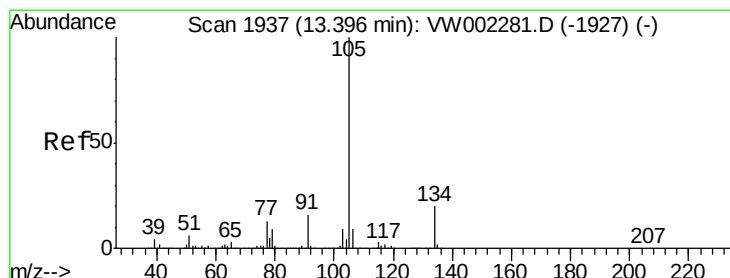
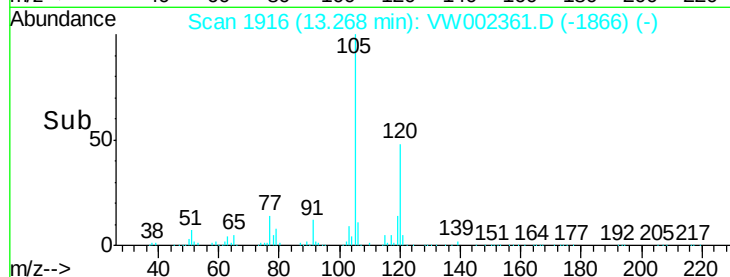
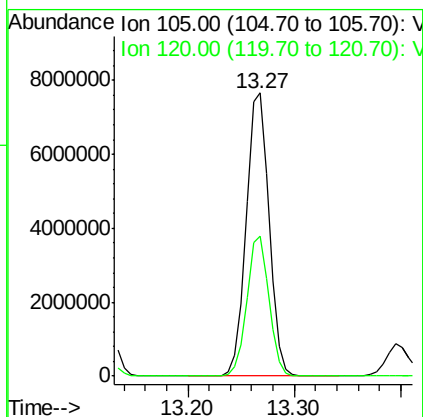
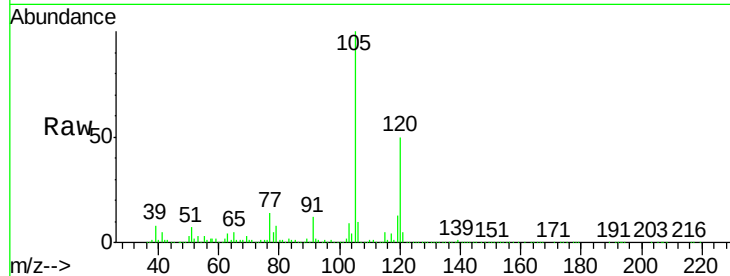




#84
 1,2,4-Trimethylbenzene
 Concen: 3184.12 ug/l
 RT: 13.27 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW002361.D
 Acq: 10 May 2018 06:20

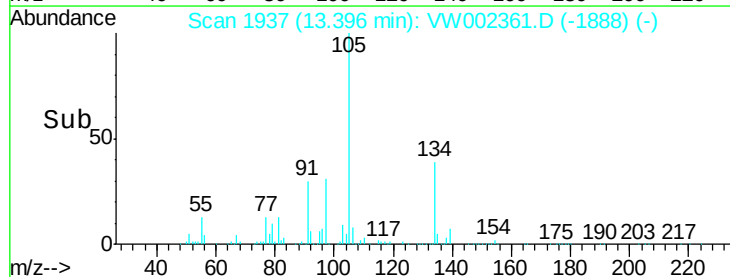
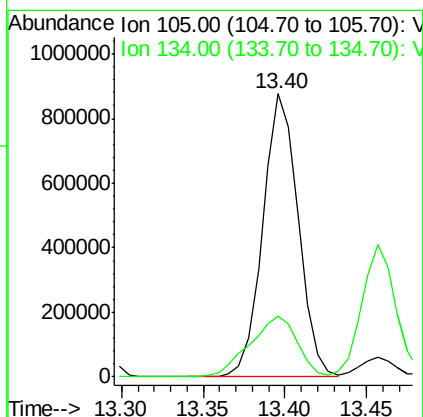
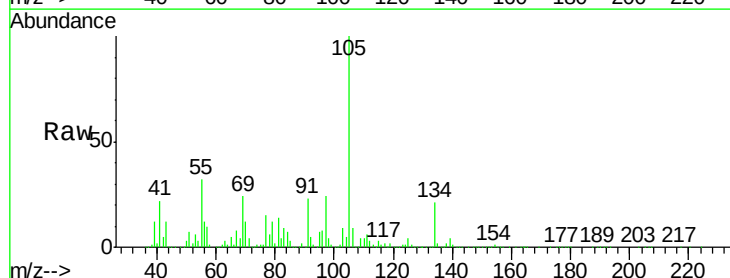
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-050418RE

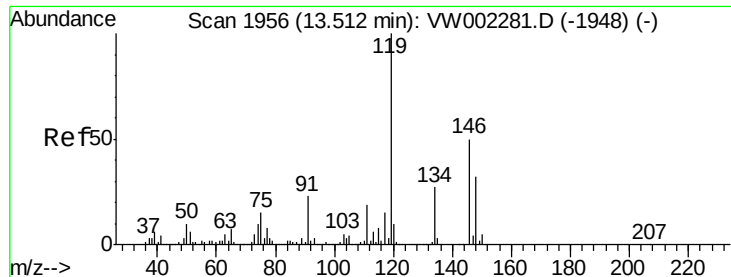
Tgt Ion:105 Resp:11572578
 Ion Ratio Lower Upper
 105 100
 120 47.8 22.5 67.5



#85
 sec-Butylbenzene
 Concen: 304.37 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VW002361.D
 Acq: 10 May 2018 06:20

Tgt Ion:105 Resp: 1311527
 Ion Ratio Lower Upper
 105 100
 134 29.1 10.3 30.8

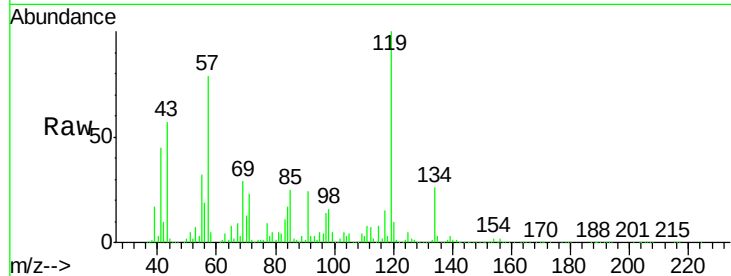




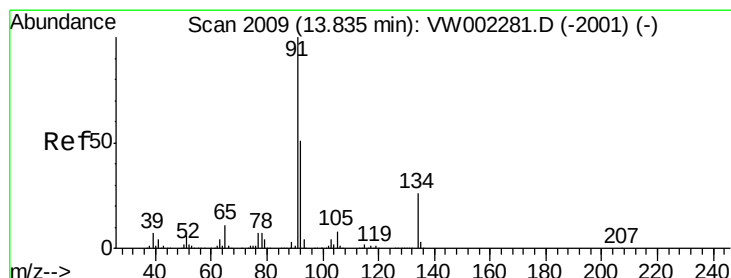
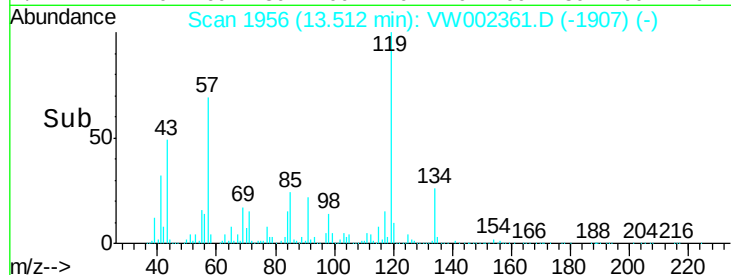
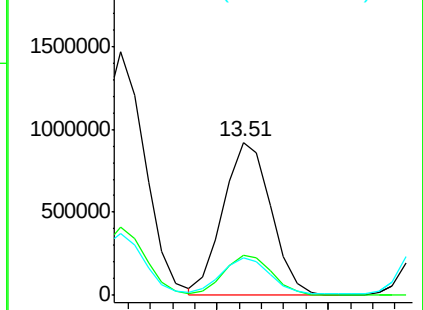
#86
 p-Isopropyltoluene
 Concen: 359.02 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002361.D
 Acq: 10 May 2018 06:20

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-050418RE

Tgt Ion: 119 Resp: 1383214
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 23.5 11.8 35.3

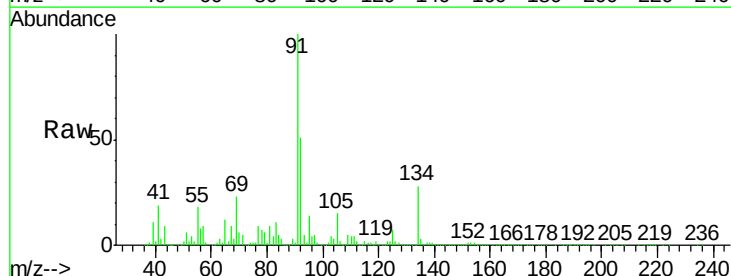


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

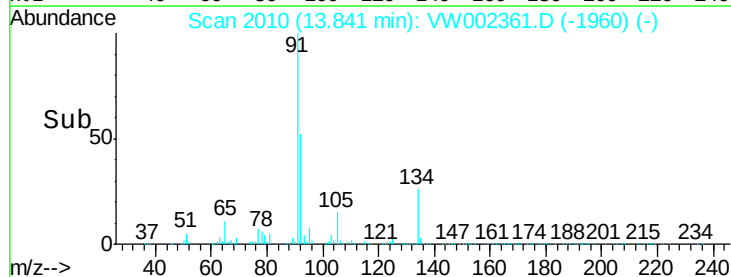
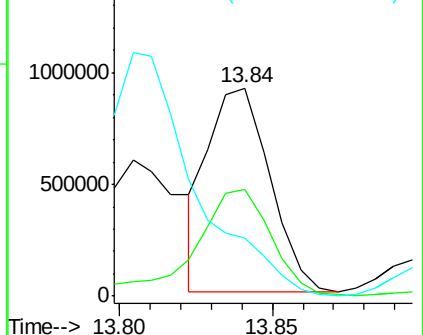


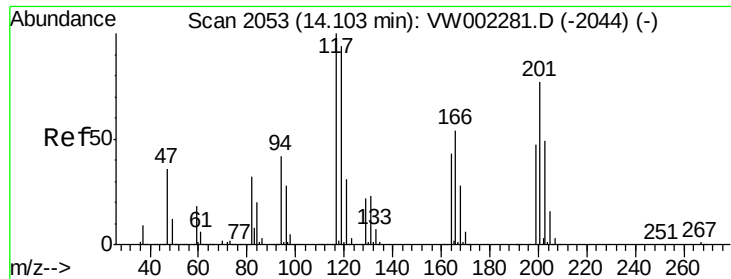
#89
 n-Butylbenzene
 Concen: 350.94 ug/l
 RT: 13.84 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: VW002361.D
 Acq: 10 May 2018 06:20

Tgt Ion: 91 Resp: 1265249
 Ion Ratio Lower Upper
 91 100
 92 64.8 25.9 77.8
 134 0.0 13.1 39.1#



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 478.46 ug/l

RT: 14.12 min Scan# 2055

Delta R.T. 0.01 min

Lab File: VW002361.D

Acq: 10 May 2018 06:20

Instrument :

MSVOA_W

ClientSampleId :

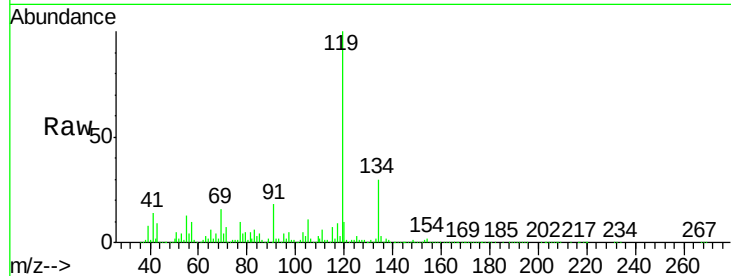
HR-06-050418RE

Tgt Ion: 117 Resp: 329635

Ion Ratio Lower Upper

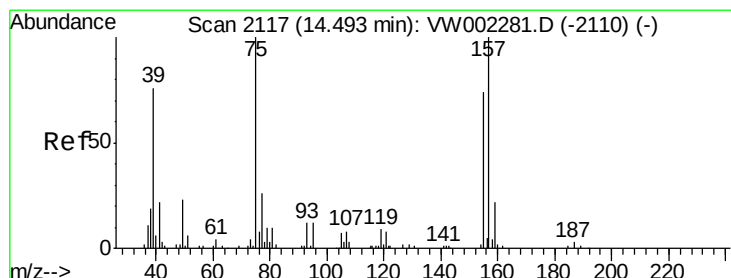
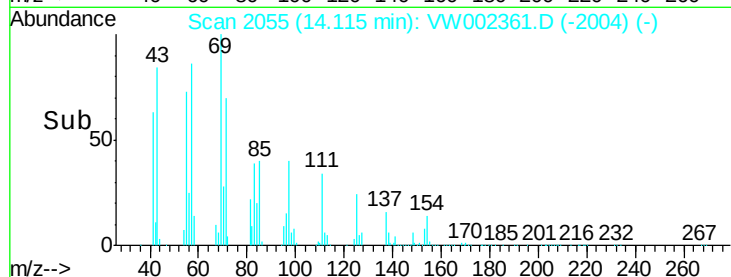
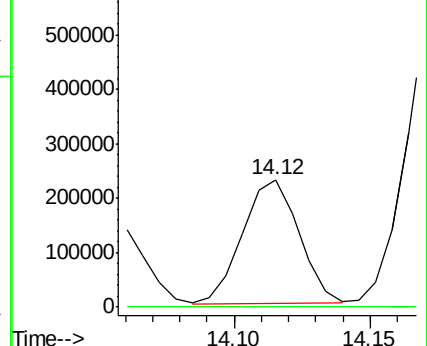
117 100

201 0.1 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: 182.63 ug/l

RT: 14.47 min Scan# 2114

Delta R.T. -0.02 min

Lab File: VW002361.D

Acq: 10 May 2018 06:20

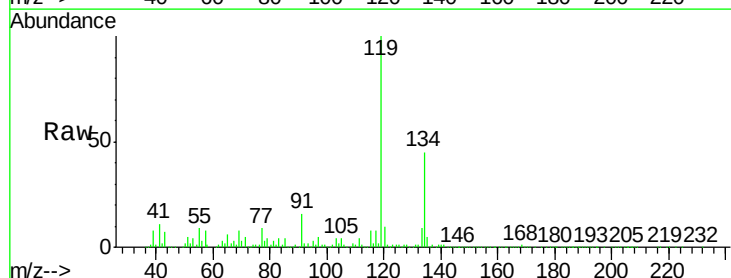
Tgt Ion: 75 Resp: 25433

Ion Ratio Lower Upper

75 100

155 0.0 43.3 129.8#

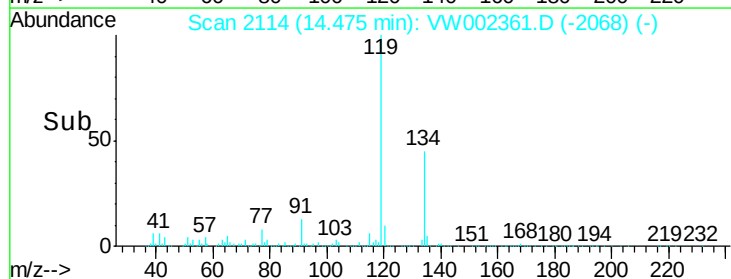
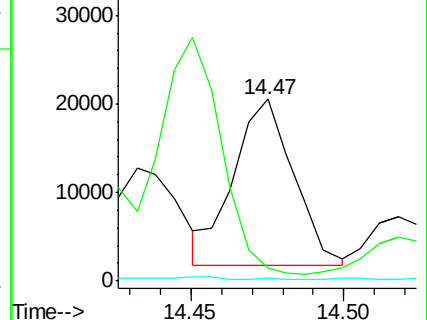
157 0.0 55.8 167.4#

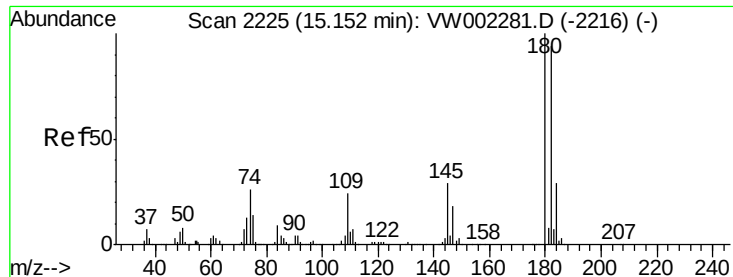


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

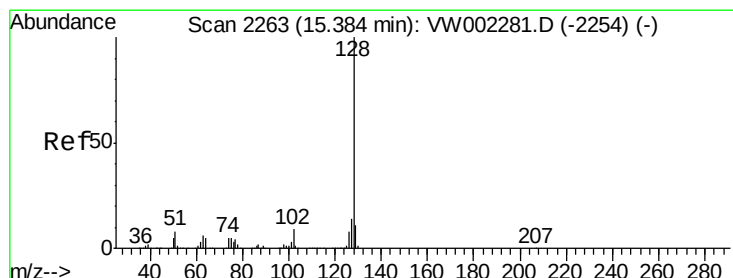
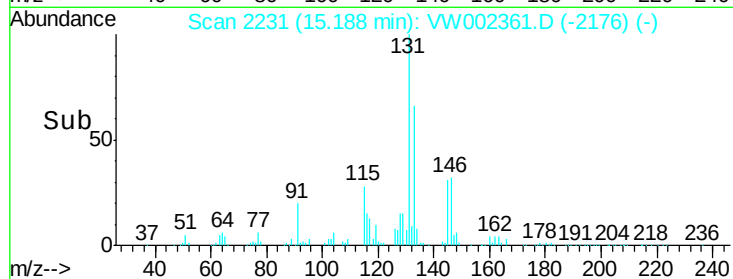
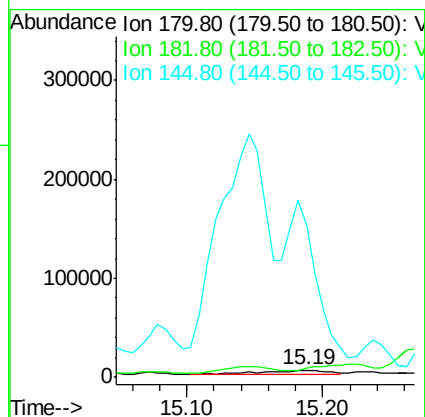
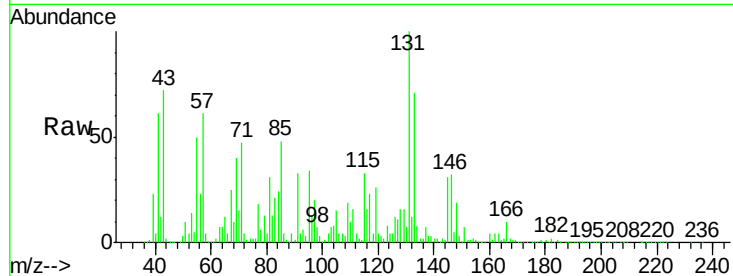




#93
 1,2,4-Trichlorobenzene
 Concen: 11.96 ug/l
 RT: 15.19 min Scan# 2231
 Delta R.T. 0.04 min
 Lab File: VW002361.D
 Acq: 10 May 2018 06:20

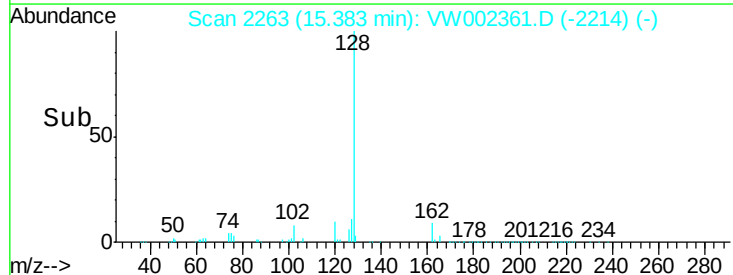
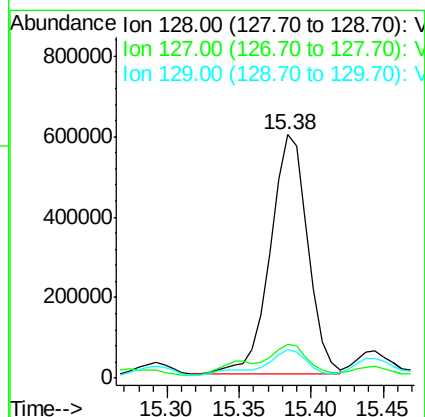
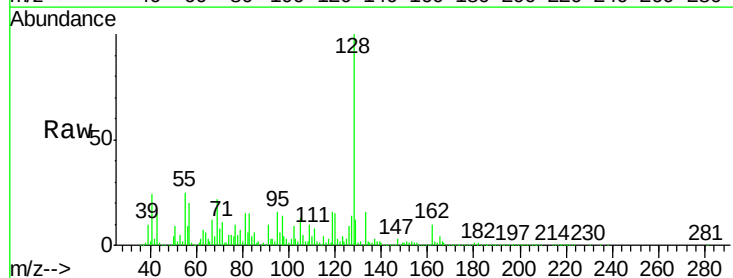
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-050418RE

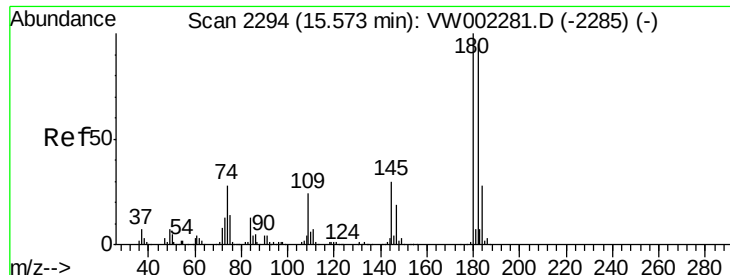
Tgt Ion:180 Resp: 16134
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.8#
 145 1679.3 14.5 43.6#



#95
 Naphthalene
 Concen: 437.76 ug/l
 RT: 15.38 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VW002361.D
 Acq: 10 May 2018 06:20

Tgt Ion:128 Resp: 1085432
 Ion Ratio Lower Upper
 128 100
 127 18.9 11.0 16.4#
 129 11.7 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 17.62 ug/l

RT: 15.60 min Scan# 2298

Delta R.T. 0.02 min

Lab File: VW002361.D

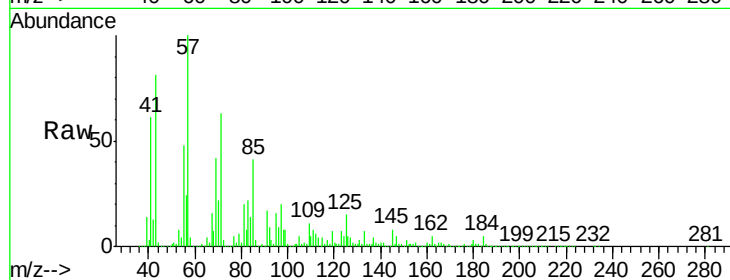
Acq: 10 May 2018 06:20

Instrument :

MSVOA_W

ClientSampleId :

HR-06-050418RE



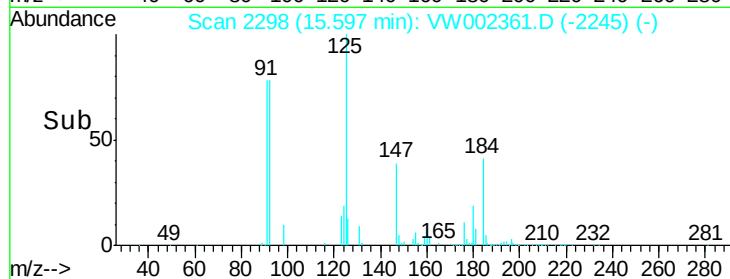
Tgt Ion:180 Resp: 21306

Ion Ratio Lower Upper

180 100

182 0.0 48.0 144.0#

145 0.0 15.7 47.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

