

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008044.D
 Acq On : 04 Jan 2019 13:43
 Operator : SY/AP
 Sample : K1040-02
 Misc : 7.54G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200028

Quant Time: Jan 05 01:09:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	60500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	101933	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	85031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	38922	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	39342	58.79	ug/l	0.00
Spiked Amount			Recovery	=	117.58%	
35) Dibromofluoromethane	7.88	113	32973	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
50) Toluene-d8	10.32	98	122238	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.62	95	42316	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	

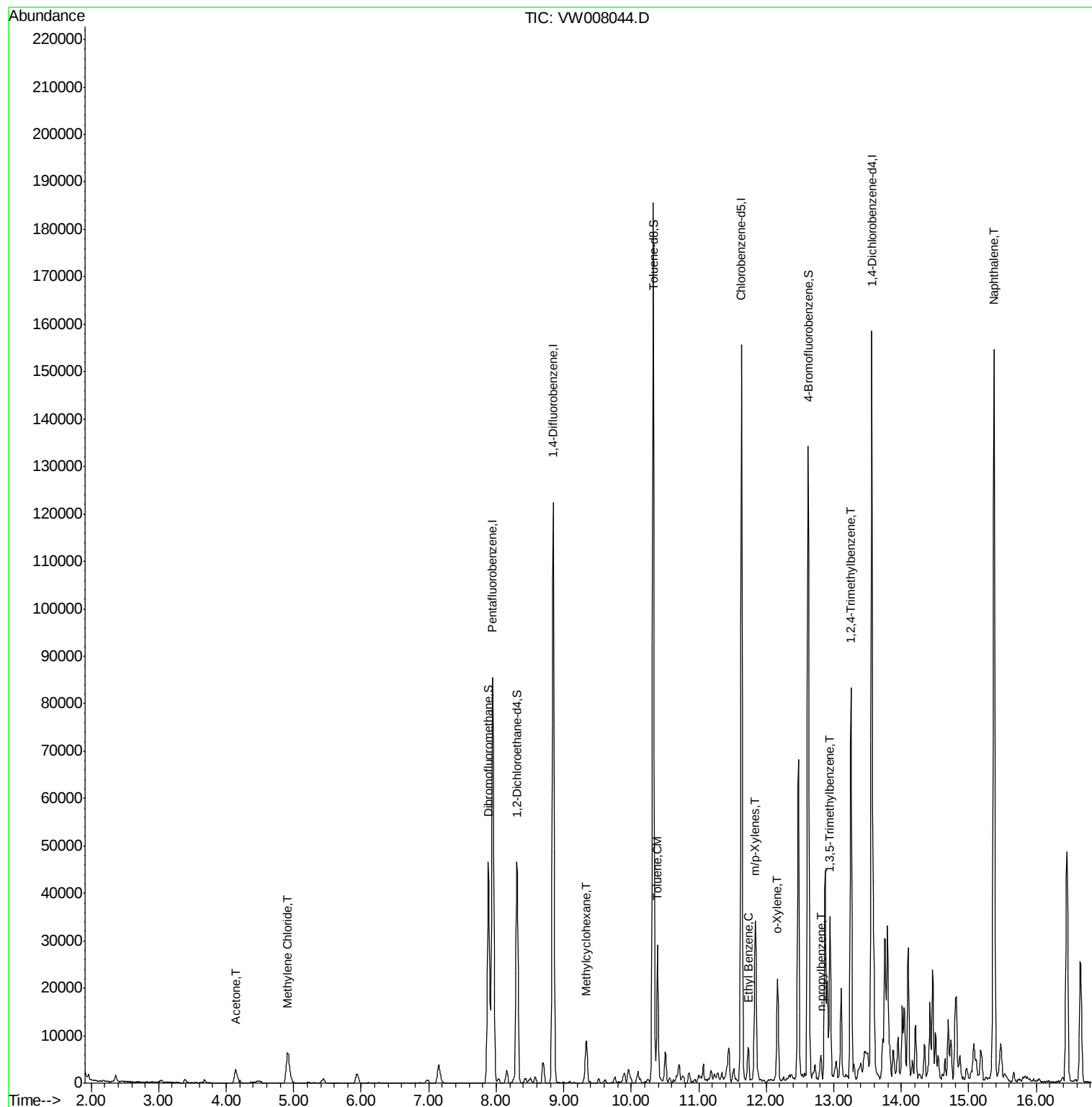
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	5512	53.213	ug/l	98
20) Methylene Chloride	4.90	84	5230	6.100	ug/l #	95
39) Methylcyclohexane	9.33	83	3719	2.967	ug/l	97
52) Toluene	10.39	92	11555	6.598	ug/l	99
67) Ethyl Benzene	11.73	91	4055	1.257	ug/l	98
68) m/p-Xylenes	11.84	106	9248	7.416	ug/l	92
69) o-Xylene	12.16	106	5720	4.929	ug/l	97
78) n-propylbenzene	12.81	91	4247	1.184	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	15621	5.864	ug/l	92
84) 1,2,4-Trimethylbenzene	13.26	105	43020	15.943	ug/l	100
95) Naphthalene	15.37	128	135862	96.296	ug/l	99

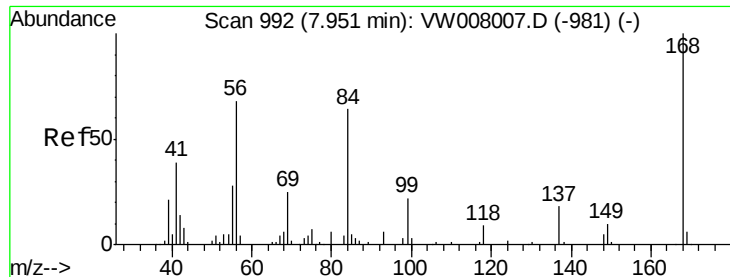
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010419\
Data File : VW008044.D
Acq On : 04 Jan 2019 13:43
Operator : SY/AP
Sample : K1040-02
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Instrument :
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ClientSampleId :
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Quant Time: Jan 05 01:09:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008044.D

Acq: 04 Jan 2019 13:43

Instrument :

MSVOA_W

ClientSampleId :

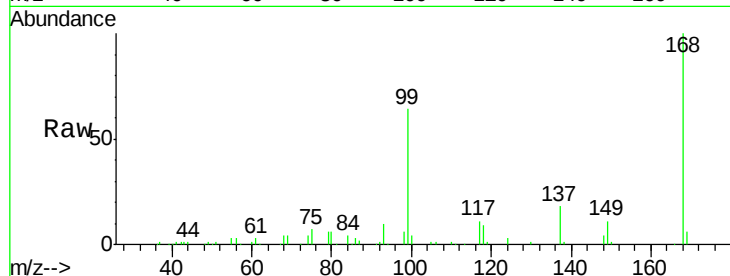
RBR-200028

Tot Ion:168 Resp: 60500

Ion Ratio Lower Upper

168 100

99 64.4 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

15000

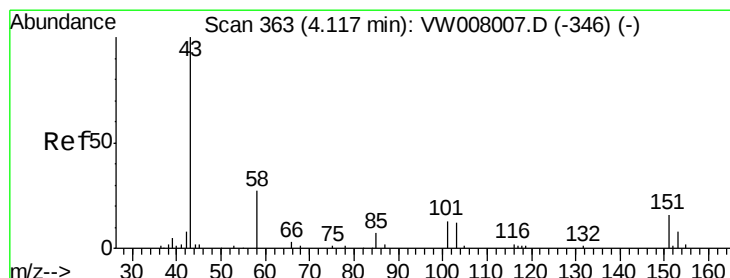
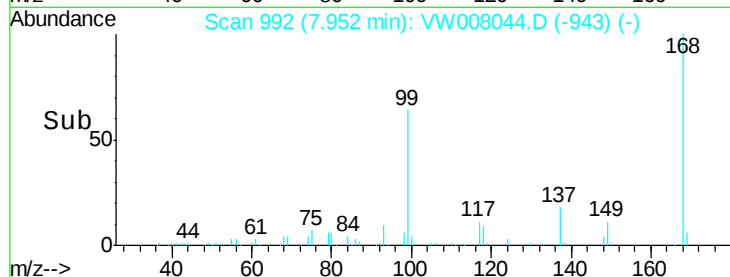
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 53.213 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW008044.D

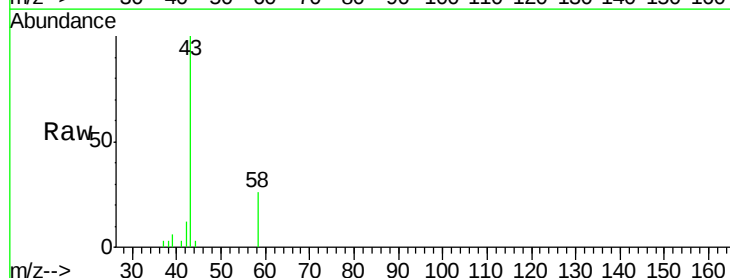
Acq: 04 Jan 2019 13:43

Tgt Ion: 43 Resp: 5512

Ion Ratio Lower Upper

43 100

58 26.3 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2000

1500

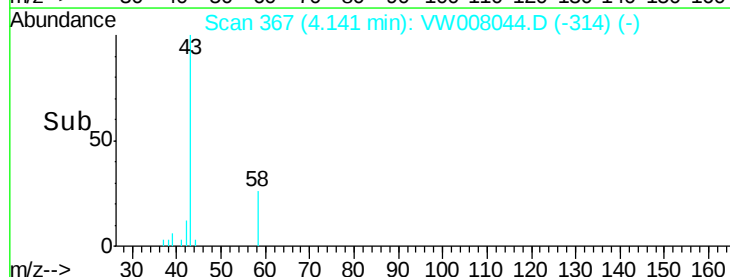
1000

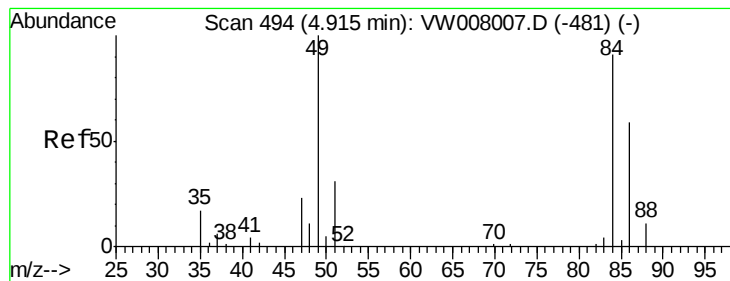
500

0

Time-->

4.10 4.20





#20

Methylene Chloride

Concen: 6.100 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW008044.D

Acq: 04 Jan 2019 13:43

Instrument :

MSVOA_W

ClientSampled :

RBR-200028

Tot Ion: 84 Resp: 5230

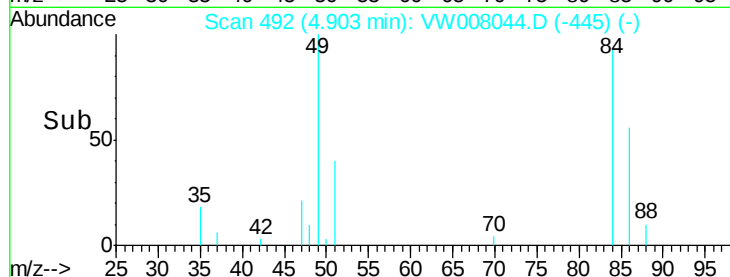
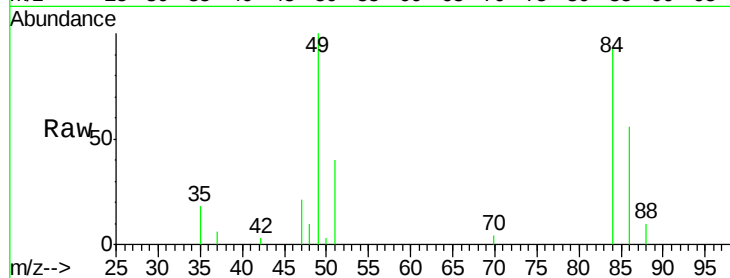
Ion Ratio Lower Upper

84 100

49 107.4 87.7 131.5

51 42.9 27.3 40.9#

86 60.6 51.4 77.0

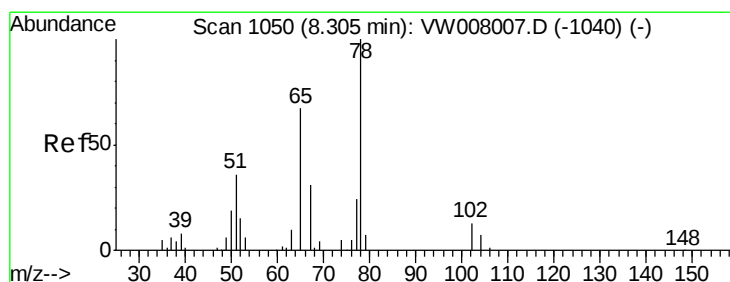
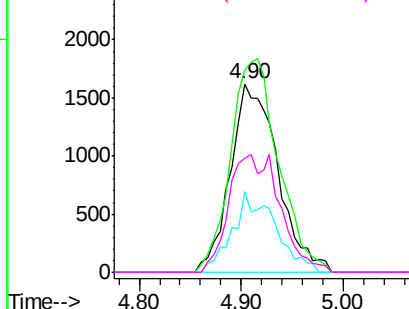


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#33

1,2-Dichloroethane-d4

Concen: 58.793 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008044.D

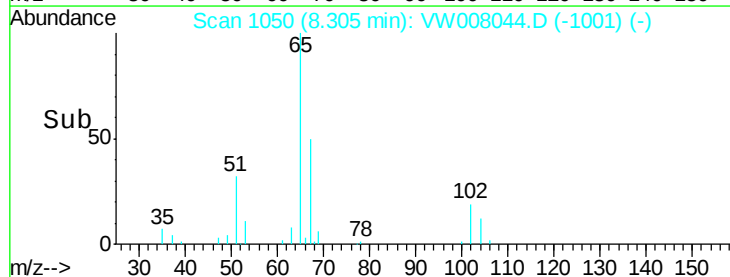
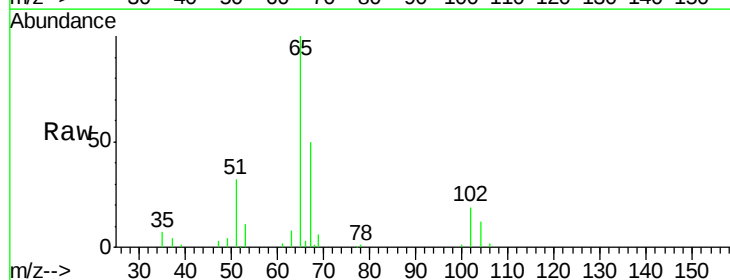
Acq: 04 Jan 2019 13:43

Tgt Ion: 65 Resp: 39342

Ion Ratio Lower Upper

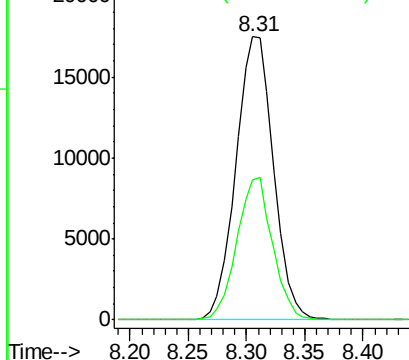
65 100

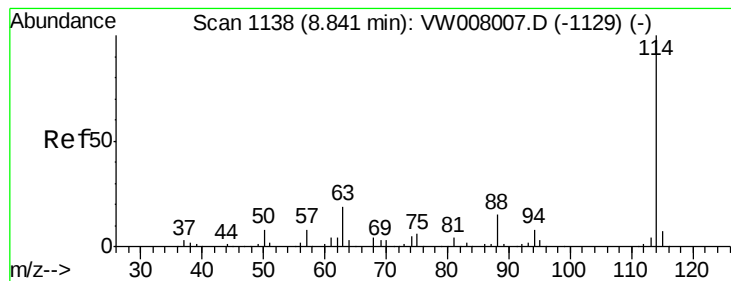
67 47.5 0.0 94.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008044.D

Acq: 04 Jan 2019 13:43

Instrument :

MSVOA_W

ClientSampleId :

RBR-200028

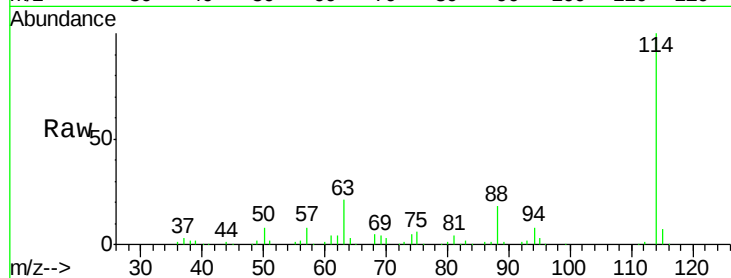
Tot Ion:114 Resp: 101933

Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.8

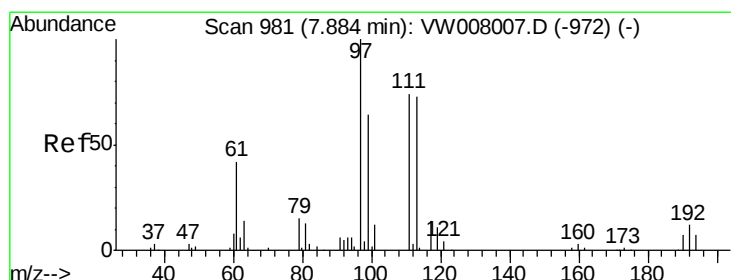
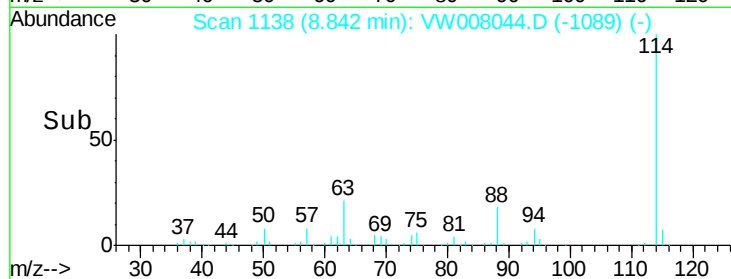
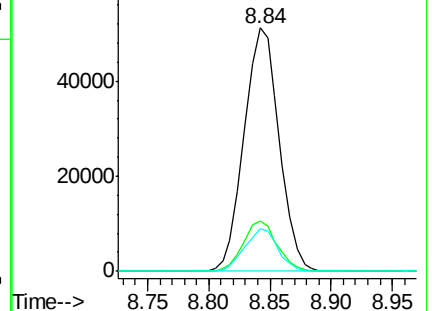
88 17.6 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 51.313 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008044.D

Acq: 04 Jan 2019 13:43

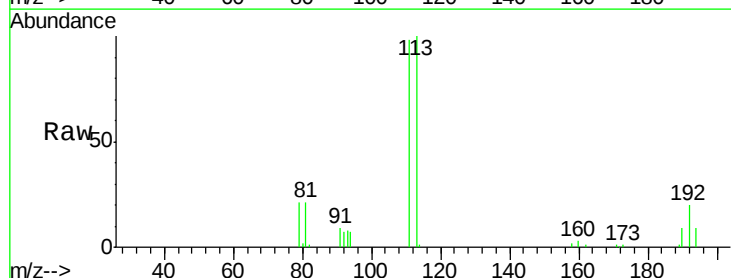
Tgt Ion:113 Resp: 32973

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

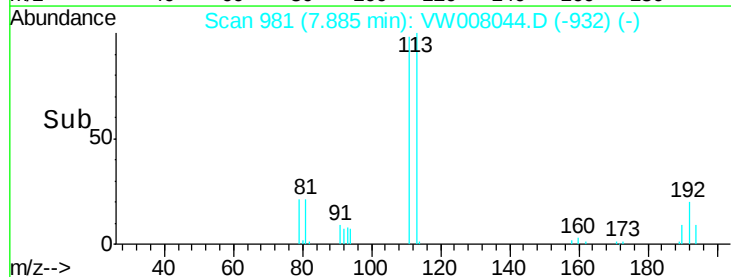
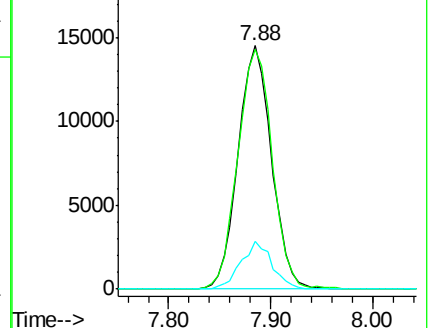
192 18.2 14.8 22.2

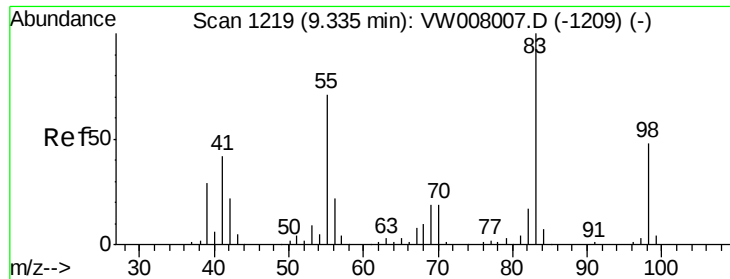


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

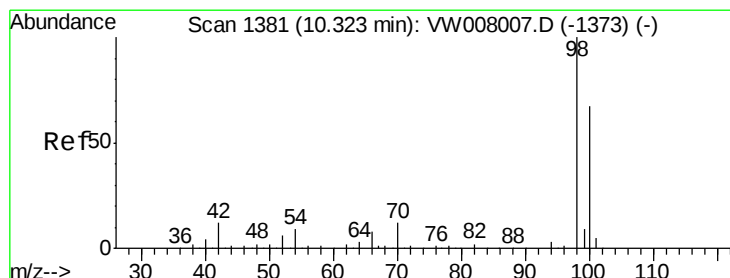
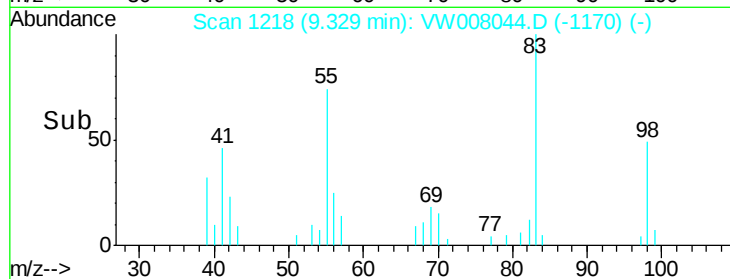
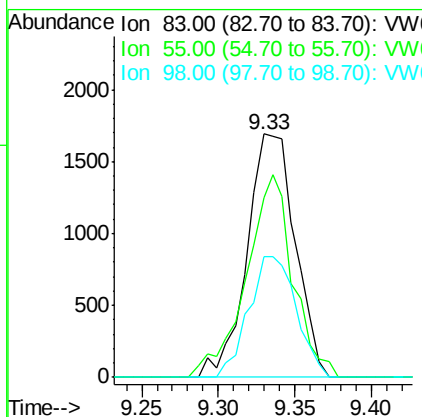
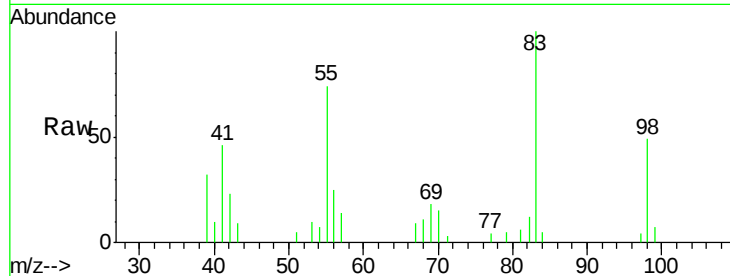




#39
Methvlcvclohexane
Concen: 2.967 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

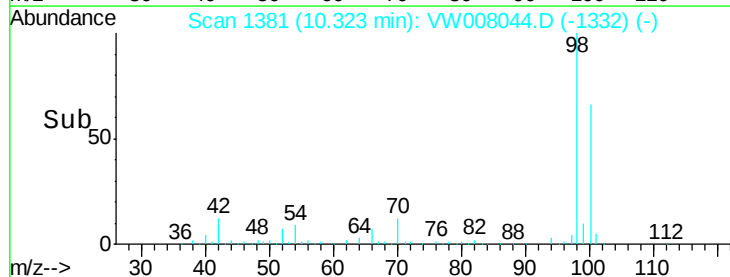
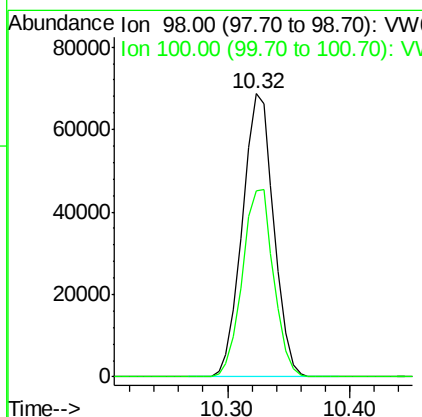
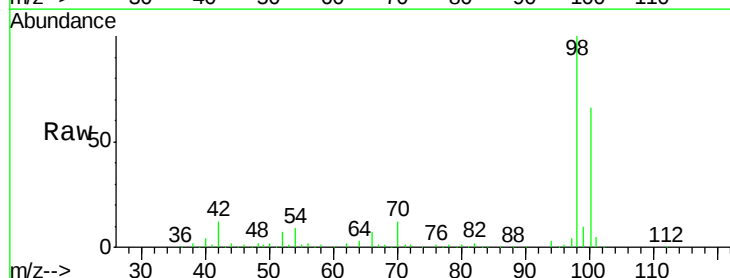
Instrument :
MSVOA_W
ClientSampleId :
RBR-200028

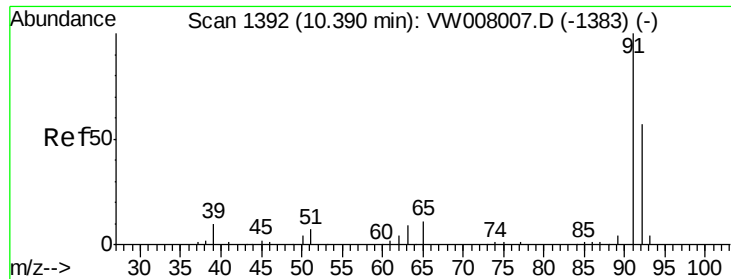
Tot Ion: 83 Resp: 3719
Ion Ratio Lower Upper
83 100
55 73.6 56.8 85.2
98 49.5 38.6 58.0



#50
Toluene-d8
Concen: 50.710 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Tgt Ion: 98 Resp: 122238
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3





#52

Toluene

Concen: 6.598 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008044.D

Acq: 04 Jan 2019 13:43

Instrument :

MSVOA_W

ClientSampleId :

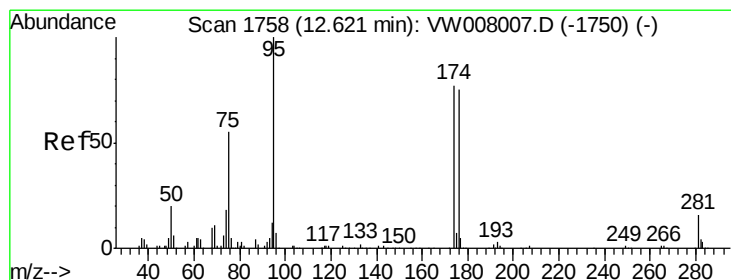
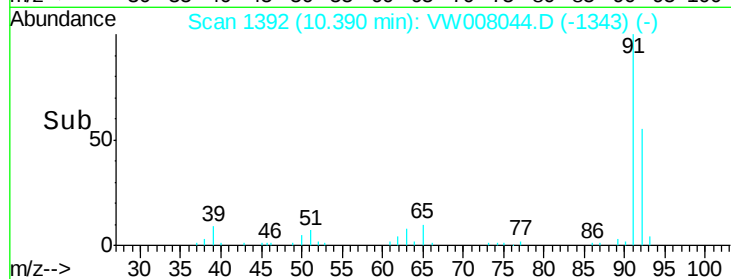
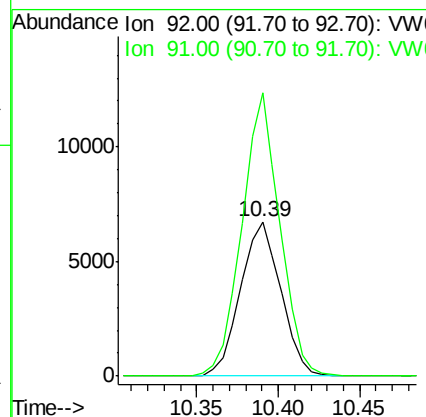
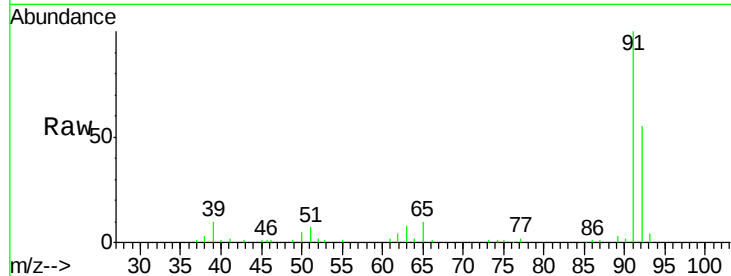
RBR-200028

Tot Ion: 92 Resp: 11555

Ion Ratio Lower Upper

92 100

91 172.7 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 45.774 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008044.D

Acq: 04 Jan 2019 13:43

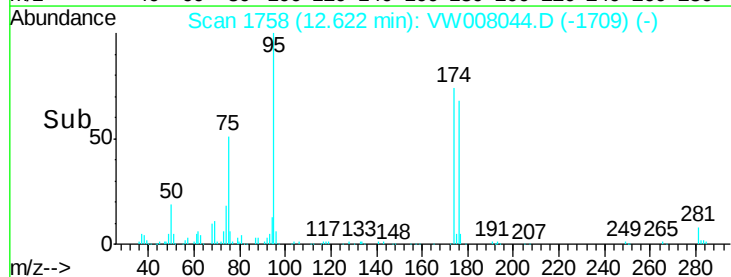
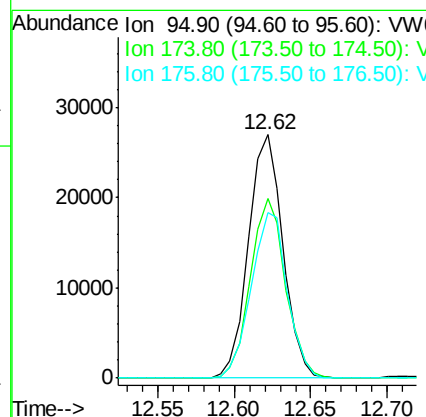
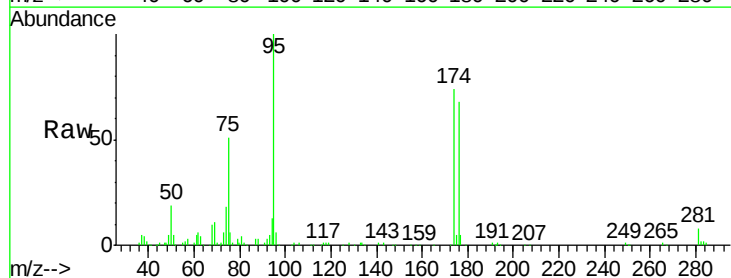
Tgt Ion: 95 Resp: 42316

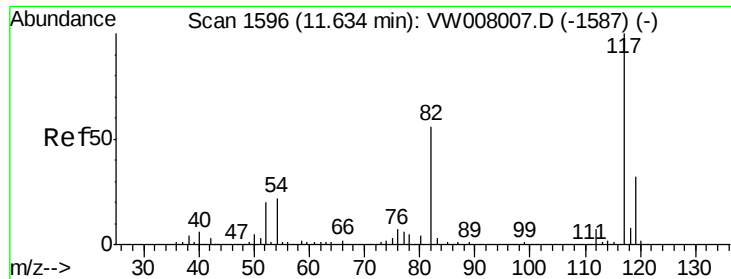
Ion Ratio Lower Upper

95 100

174 75.4 0.0 149.6

176 71.5 0.0 145.4

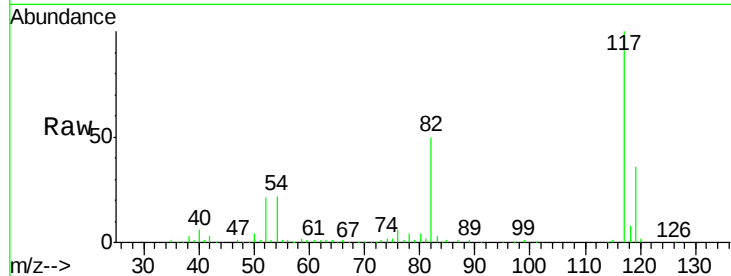




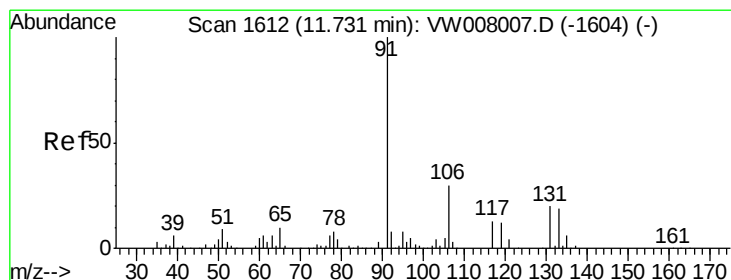
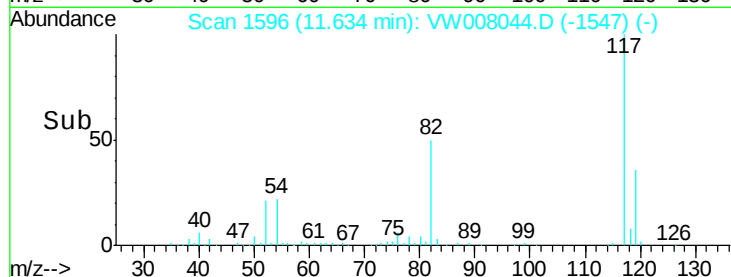
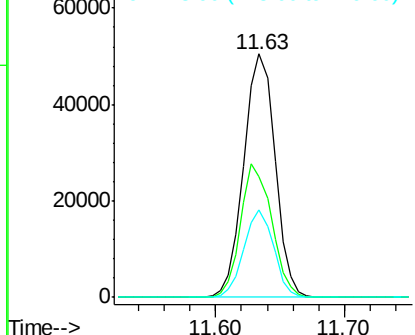
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Instrument :
MSVOA_W
ClientSampled :
RBR-200028

Tot Ion:117 Resp: 85031
Ion Ratio Lower Upper
117 100
82 49.7 44.8 67.2
119 36.2 25.6 38.4

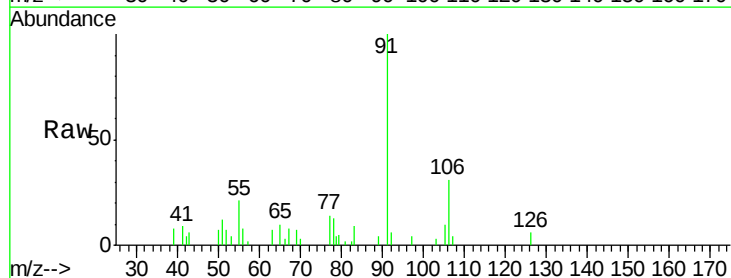


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

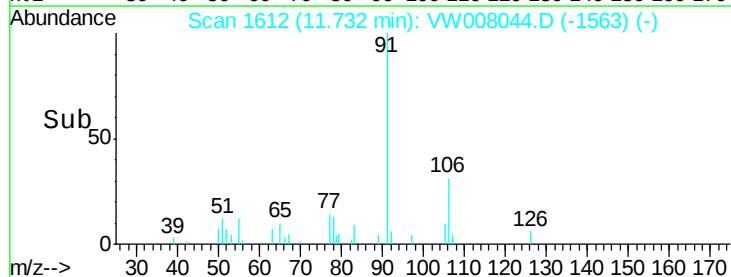
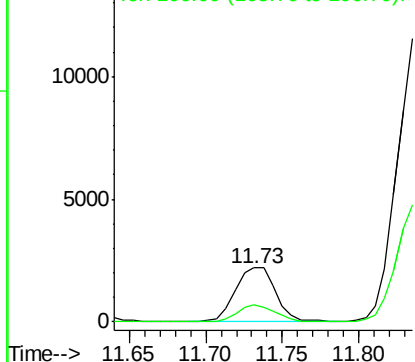


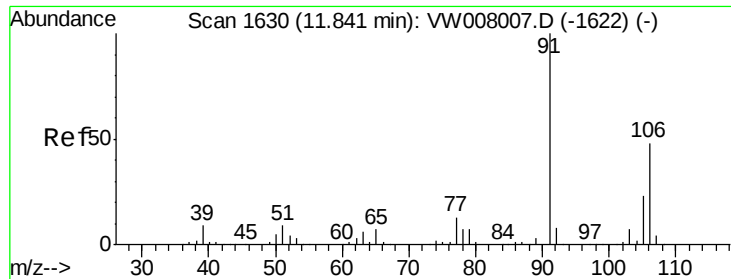
#67
Ethyl Benzene
Concen: 1.257 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Tgt Ion: 91 Resp: 4055
Ion Ratio Lower Upper
91 100
106 31.3 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V

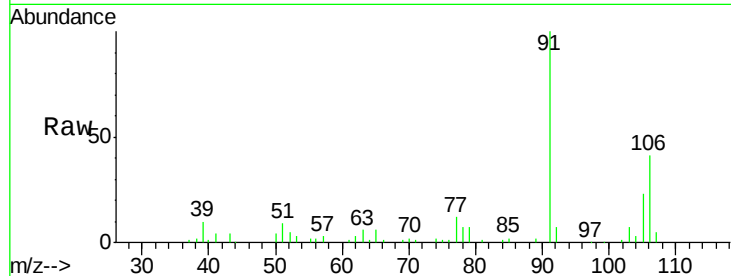




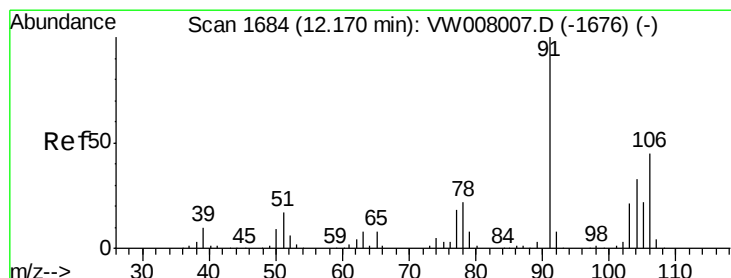
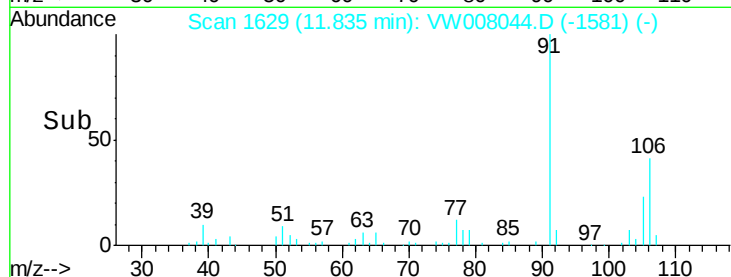
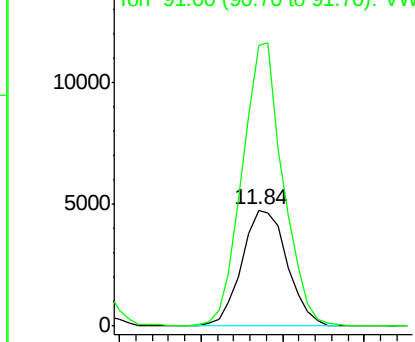
#68
m/p-Xylenes
Concen: 7.416 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Instrument :
MSVOA_W
ClientSampleId :
RBR-200028

Tot Ion:106 Resp: 9248
Ion Ratio Lower Upper
106 100
91 219.7 165.8 248.8

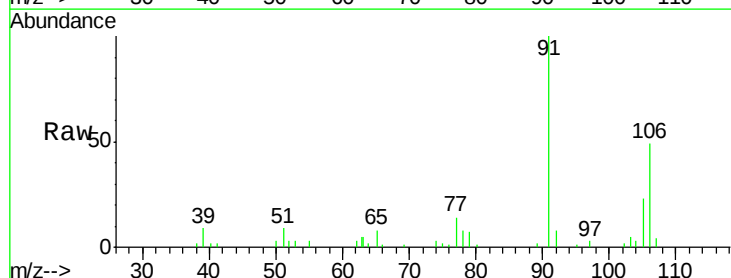


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

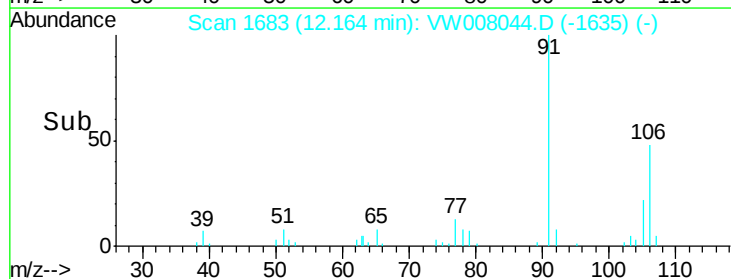
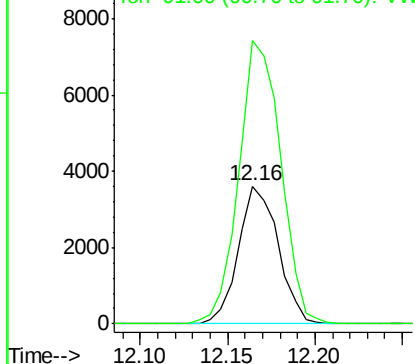


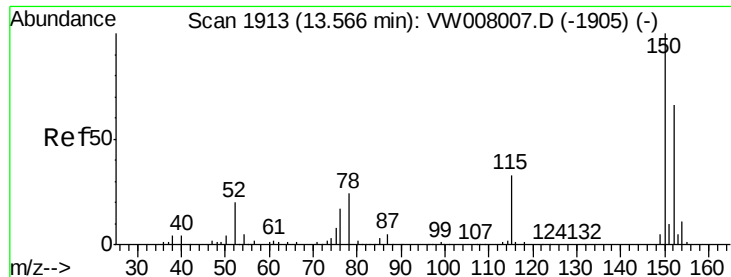
#69
o-Xylene
Concen: 4.929 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008044.D
Acq: 04 Jan 2019 13:43

Tgt Ion:106 Resp: 5720
Ion Ratio Lower Upper
106 100
91 216.9 110.6 331.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW008044.D

Acq: 04 Jan 2019 13:43

Instrument :

MSVOA_W

ClientSampleId :

RBR-200028

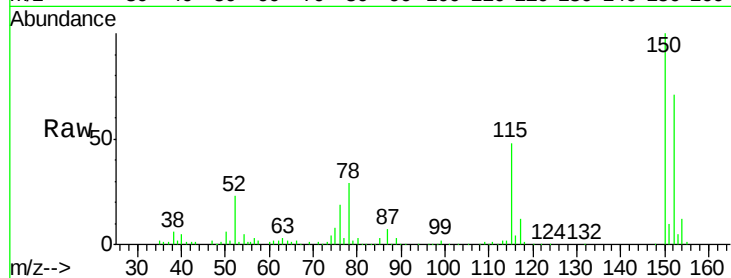
Tot Ion:152 Resp: 38922

Ion Ratio Lower Upper

152 100

115 69.7 32.1 96.5

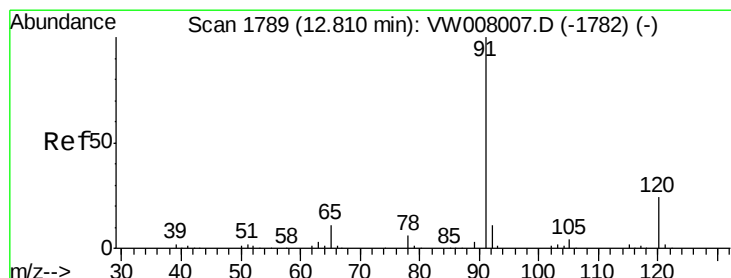
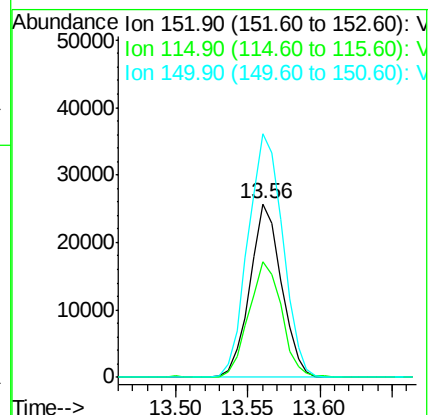
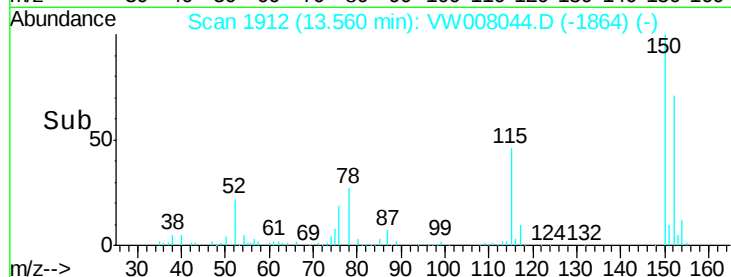
150 154.3 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#78

n-propylbenzene

Concen: 1.184 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008044.D

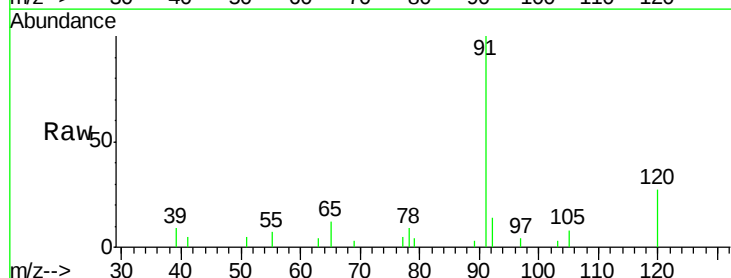
Acq: 04 Jan 2019 13:43

Tgt Ion: 91 Resp: 4247

Ion Ratio Lower Upper

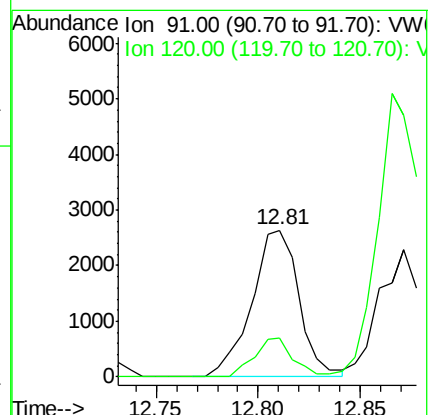
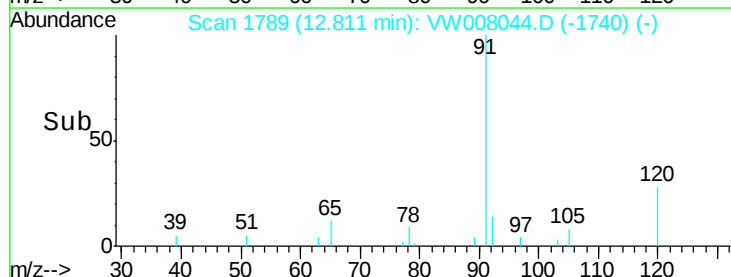
91 100

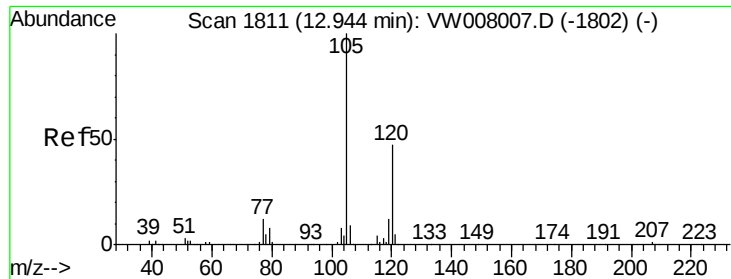
120 21.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

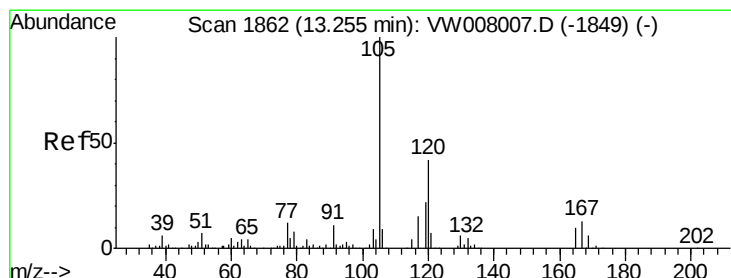
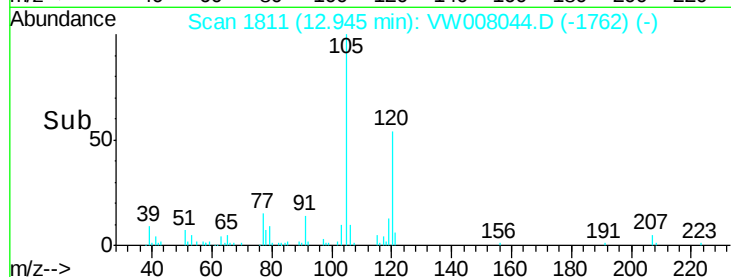
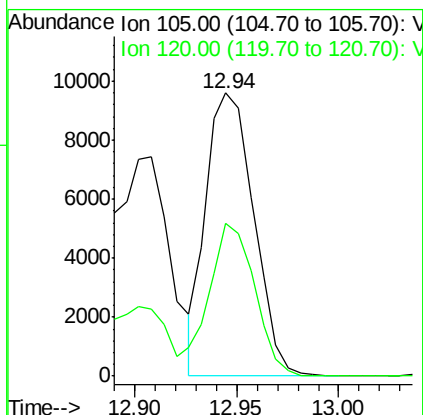
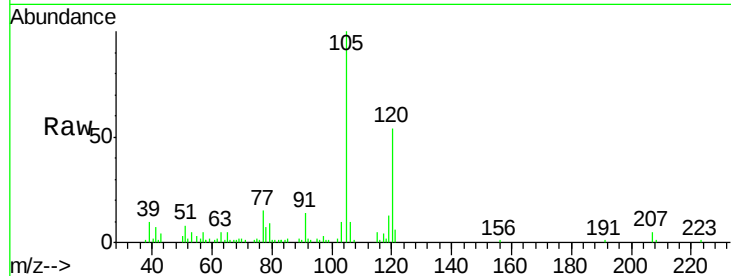




#80
 1,3,5-Trimethylbenzene
 Concen: 5.864 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008044.D
 Acq: 04 Jan 2019 13:43

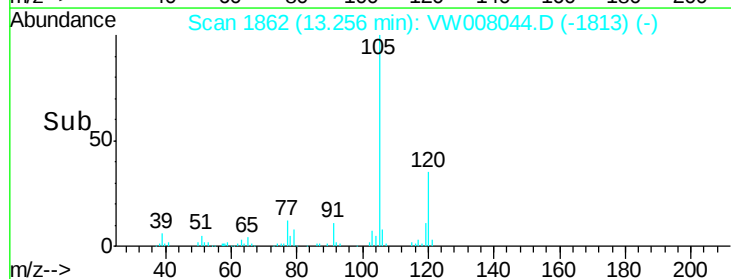
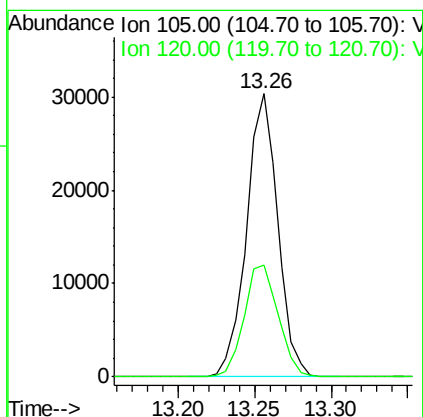
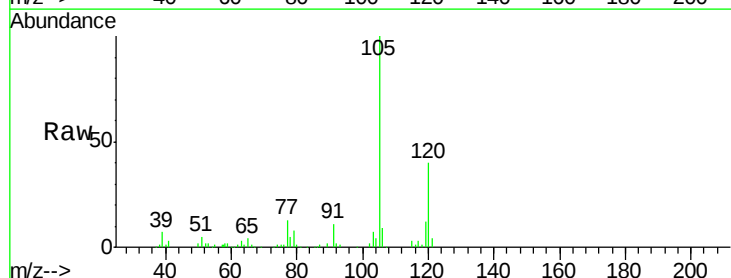
Instrument :
 MSVOA_W
 ClientSampled :
 RBR-200028

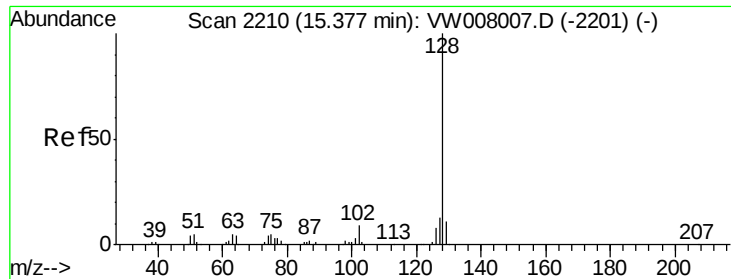
Tot Ion:105 Resp: 15621
 Ion Ratio Lower Upper
 105 100
 120 52.1 23.3 69.9



#84
 1,2,4-Trimethylbenzene
 Concen: 15.943 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008044.D
 Acq: 04 Jan 2019 13:43

Tgt Ion:105 Resp: 43020
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.5 64.5

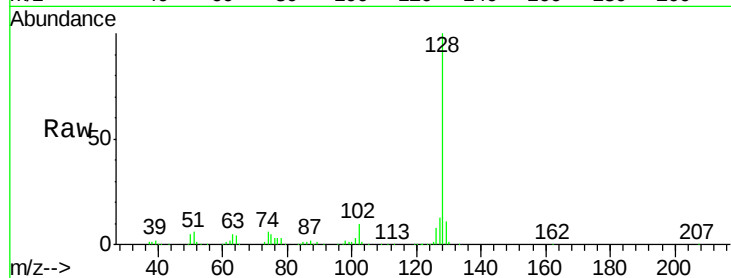




#95
 Naphthalene
 Concen: 96.296 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW008044.D
 Acq: 04 Jan 2019 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200028

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.8	16.2
129	11.4	8.8	13.2



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

