

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020819\
 Data File : VW008574.D
 Acq On : 08 Feb 2019 15:15
 Operator : SY/VA
 Sample : K1401-03
 Misc : 5.58G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200028

Quant Time: Feb 09 01:16:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

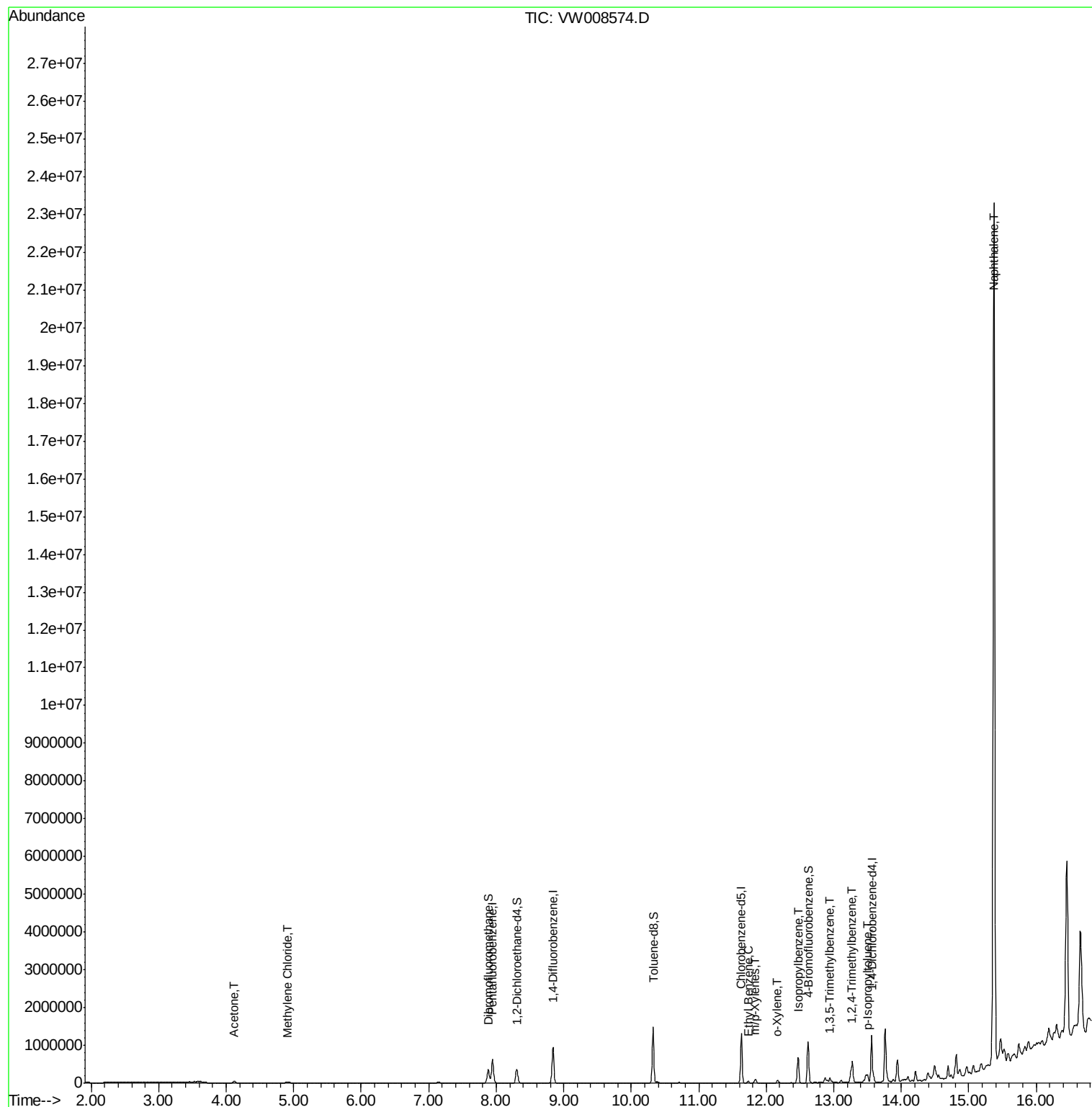
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	468969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	775622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	692190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	308206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	276871	60.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.20%	
35) Dibromofluoromethane	7.88	113	242852	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
50) Toluene-d8	10.32	98	947847	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.62	95	337227	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
Target Compounds						
16) Acetone	4.12	43	58350	56.398	ug/l	98
20) Methylene Chloride	4.90	84	18222	3.821	ug/l #	82
67) Ethyl Benzene	11.73	91	36347	1.399	ug/l	100
68) m/p-Xylenes	11.84	106	25354	2.516	ug/l	99
69) o-Xylene	12.16	106	14915	1.558	ug/l	93
73) Isopropylbenzene	12.47	105	145614	6.337	ug/l	94
80) 1,3,5-Trimethylbenzene	12.94	105	55608	2.895	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	173187	8.872	ug/l	92
86) p-Isopropyltoluene	13.50	119	106419	4.978	ug/l	96
95) Naphthalene	15.37	128	17516761	1559.017	ug/l	94

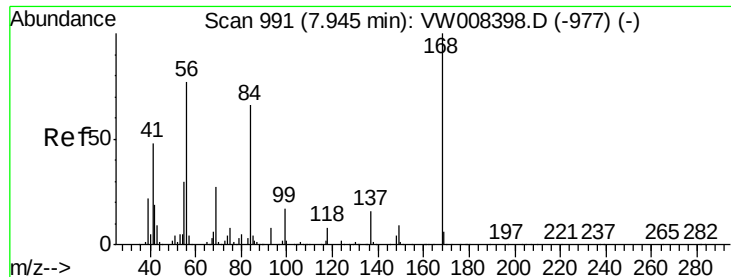
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008574.D

Acq: 08 Feb 2019 15:15

Instrument :

MSVOA_W

ClientSampleId :

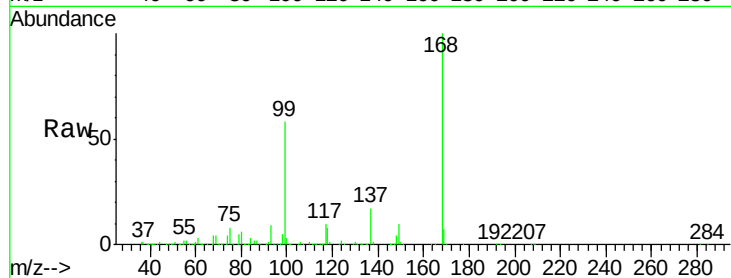
RBR-200028

Tot Ion:168 Resp: 468969

Ion Ratio Lower Upper

168 100

99 57.5 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

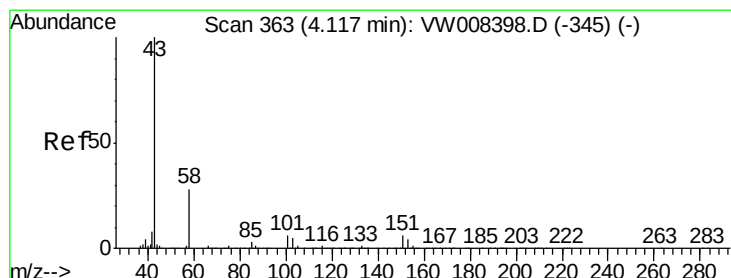
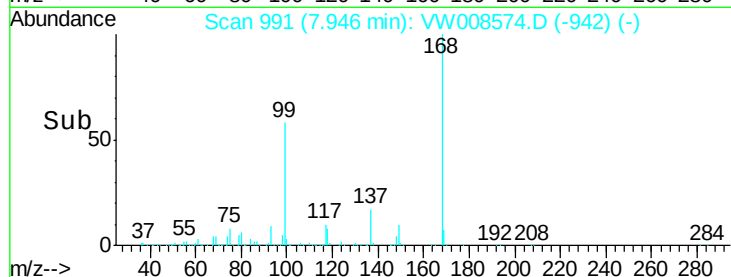
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 56.398 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008574.D

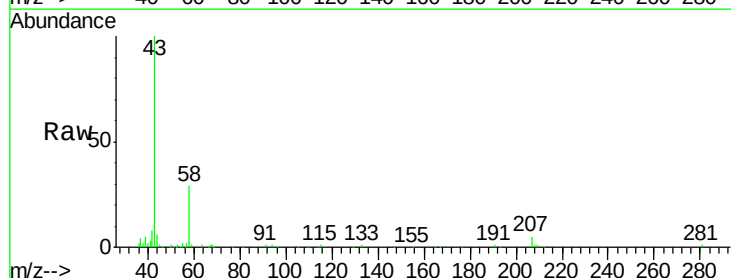
Acq: 08 Feb 2019 15:15

Tgt Ion: 43 Resp: 58350

Ion Ratio Lower Upper

43 100

58 29.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

25000

20000

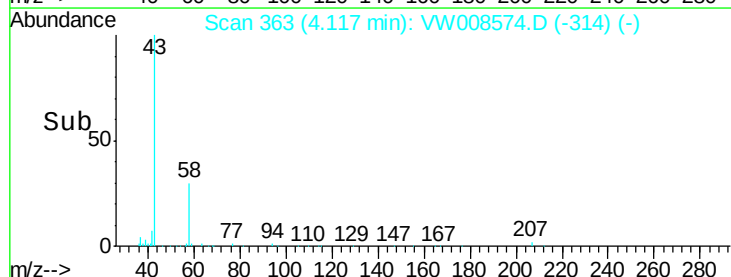
15000

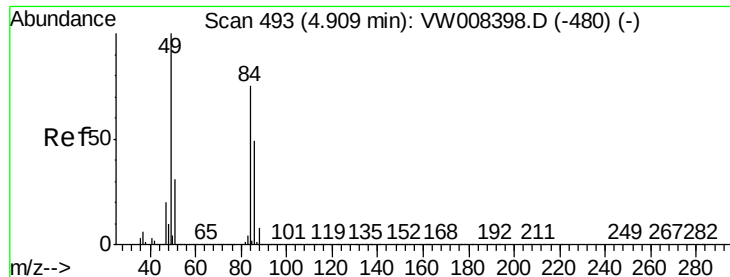
10000

5000

0

Time-->

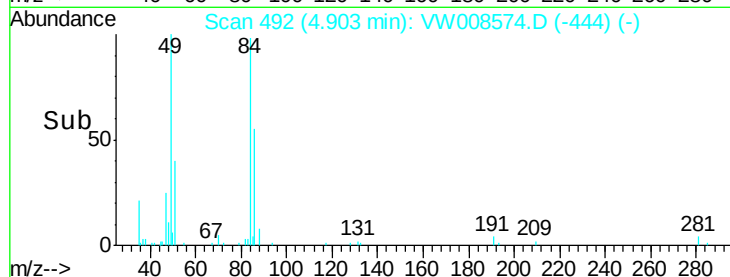
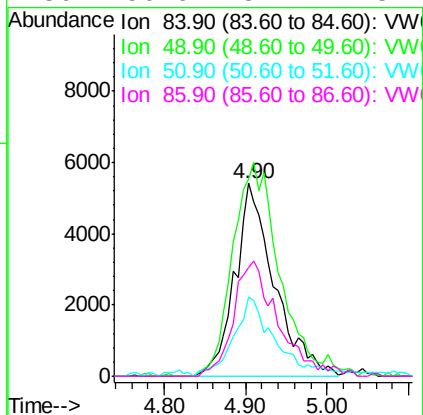
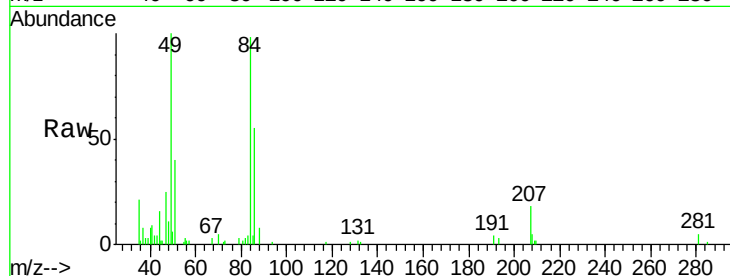




#20
Methylene Chloride
Concen: 3.821 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008574.D
Acq: 08 Feb 2019 15:15

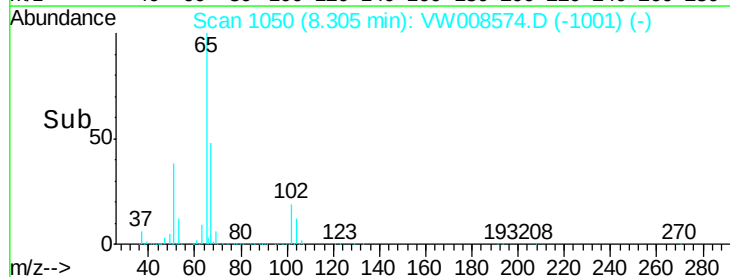
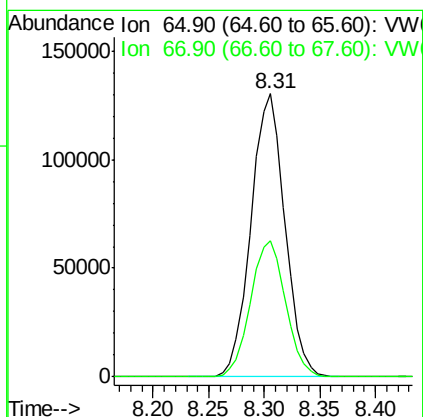
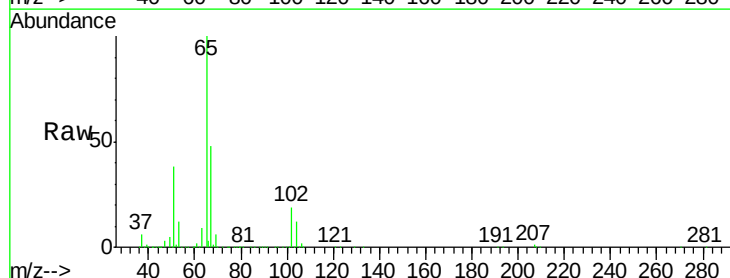
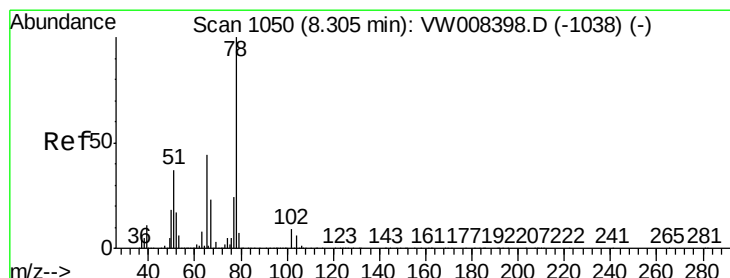
Instrument :
MSVOA_W
ClientSampled :
RBR-200028

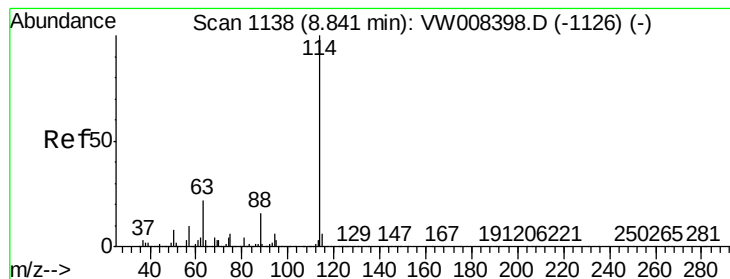
Tot Ion:	84	Resp:	18222
Ion	Ratio	Lower	Upper
84	100		
49	102.5	106.8	160.2#
51	39.2	32.9	49.3
86	56.6	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 60.095 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008574.D
Acq: 08 Feb 2019 15:15

Tgt Ion:	65	Resp:	276871
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008574.D

Acq: 08 Feb 2019 15:15

Instrument :

MSVOA_W

ClientSampled :

RBR-200028

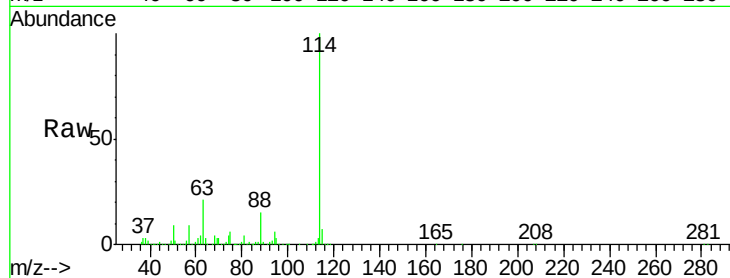
Tot Ion:114 Resp: 775622

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.6

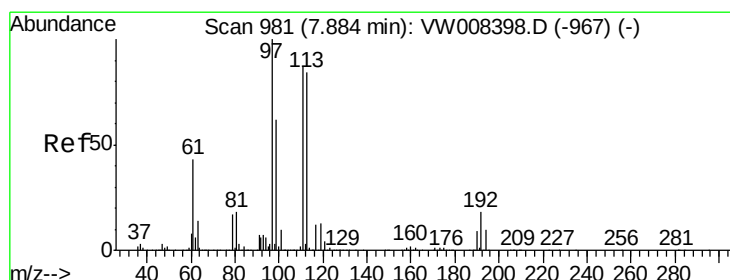
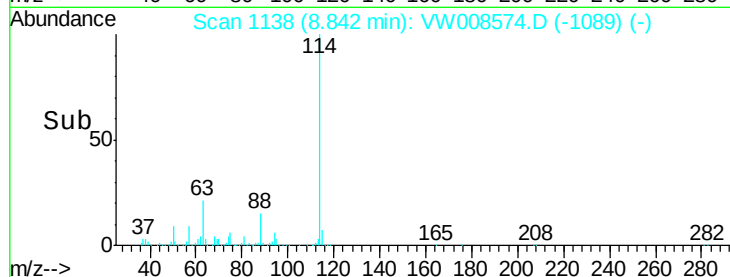
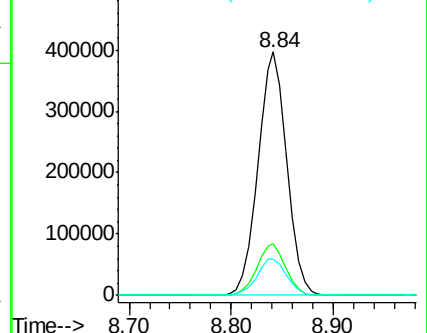
88 14.8 0.0 31.8



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: 53.547 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008574.D

Acq: 08 Feb 2019 15:15

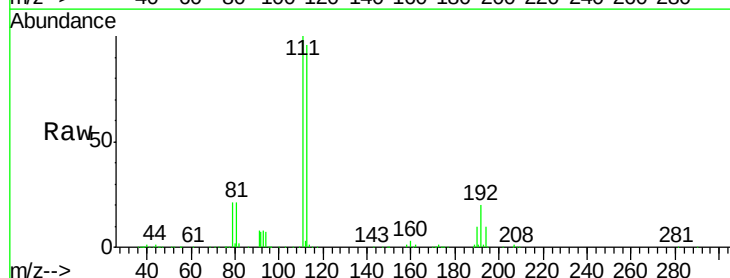
Tgt Ion:113 Resp: 242852

Ion Ratio Lower Upper

113 100

111 102.7 81.0 121.4

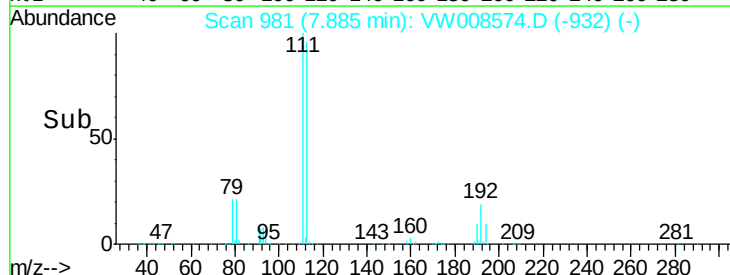
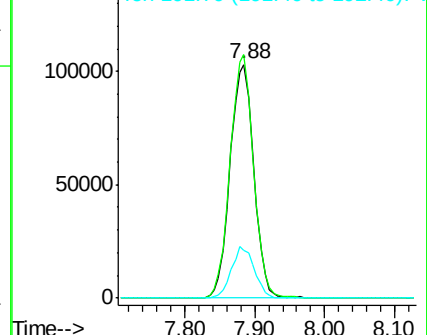
192 21.4 16.8 25.2

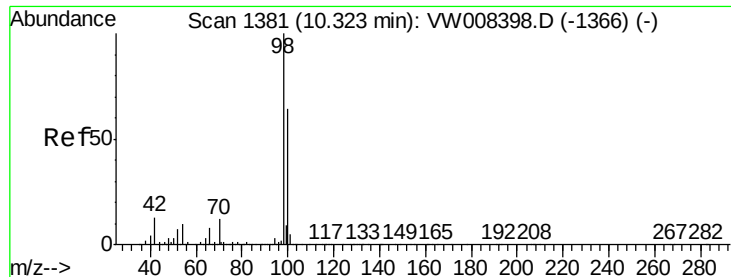


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.117 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008574.D

Acq: 08 Feb 2019 15:15

Instrument :

MSVOA_W

ClientSampleId :

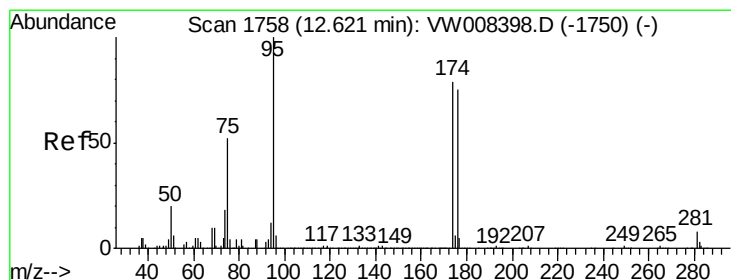
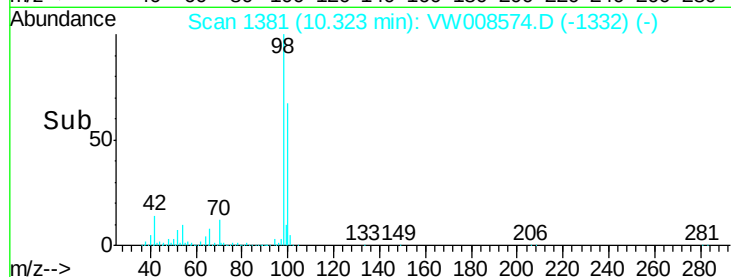
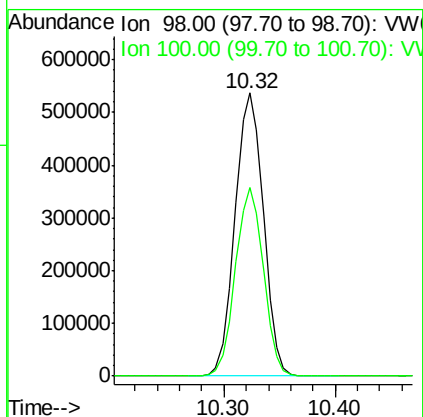
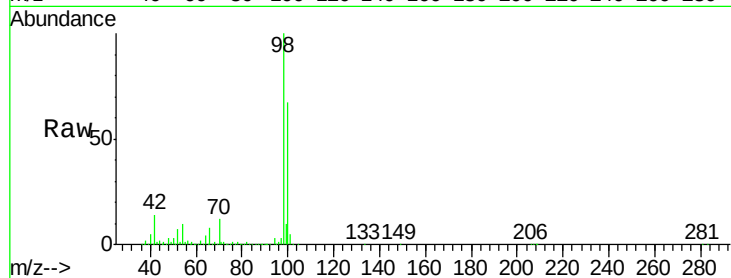
RBR-200028

Tot Ion: 98 Resp: 947847

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 48.239 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008574.D

Acq: 08 Feb 2019 15:15

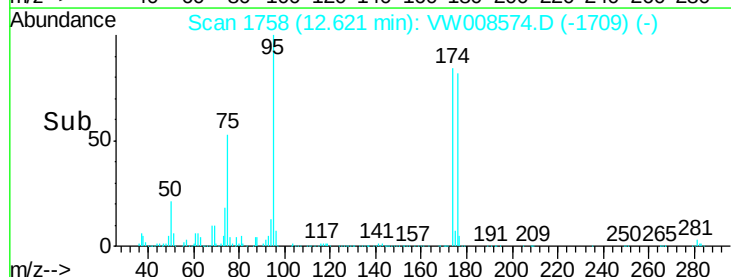
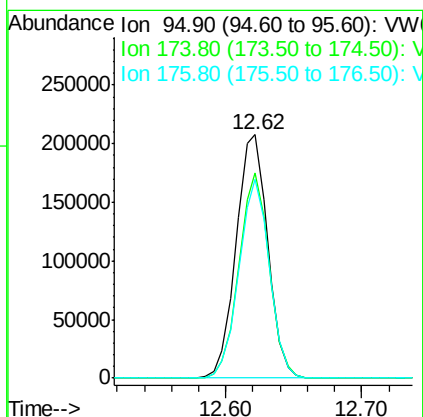
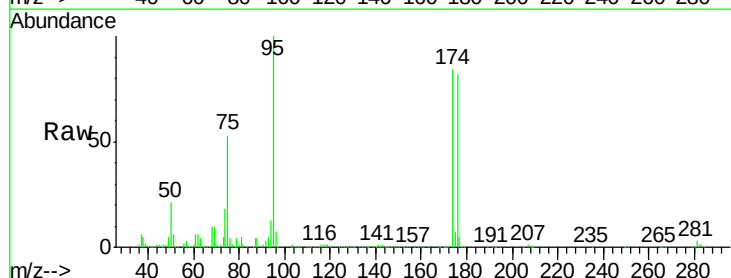
Tgt Ion: 95 Resp: 337227

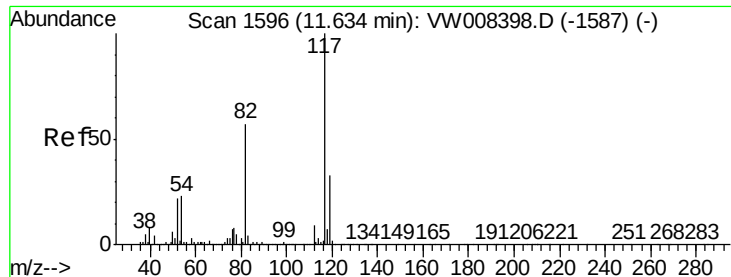
Ion Ratio Lower Upper

95 100

174 80.7 0.0 157.6

176 78.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008574.D

Acq: 08 Feb 2019 15:15

Instrument :

MSVOA_W

ClientSampled :

RBR-200028

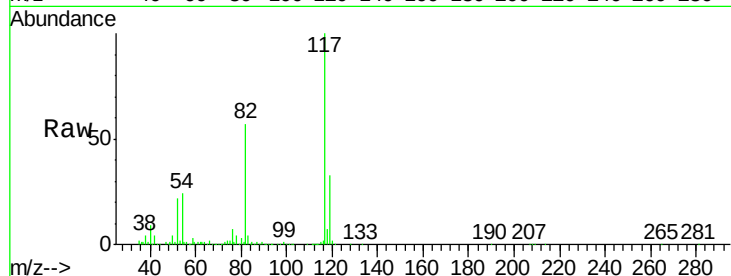
Tot Ion:117 Resp: 692190

Ion Ratio Lower Upper

117 100

82 56.6 45.4 68.0

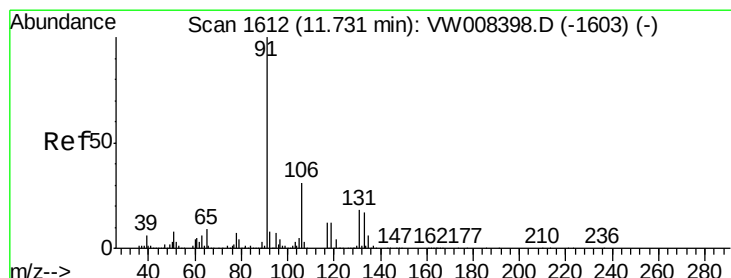
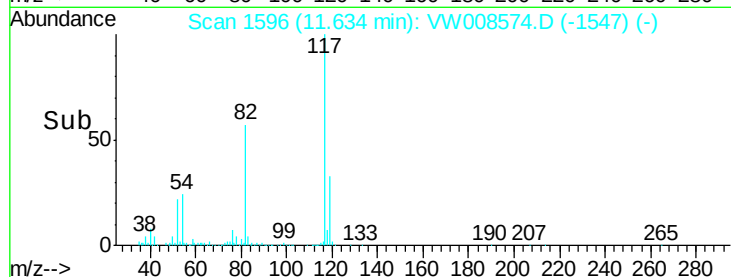
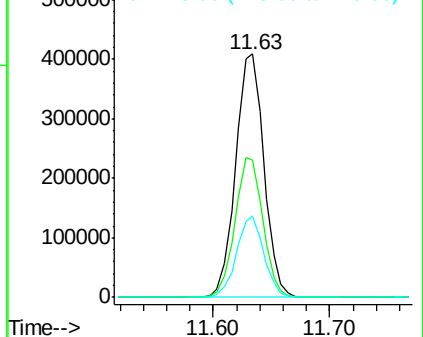
119 33.2 26.2 39.4



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: 1.399 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008574.D

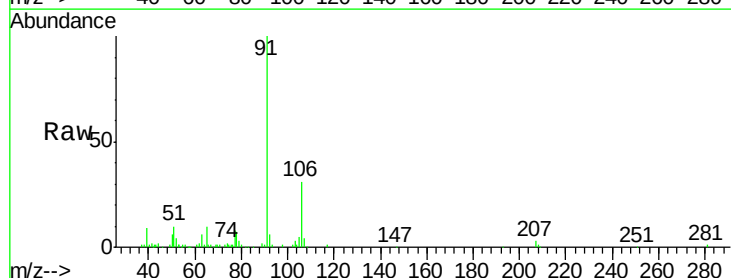
Acq: 08 Feb 2019 15:15

Tgt Ion: 91 Resp: 36347

Ion Ratio Lower Upper

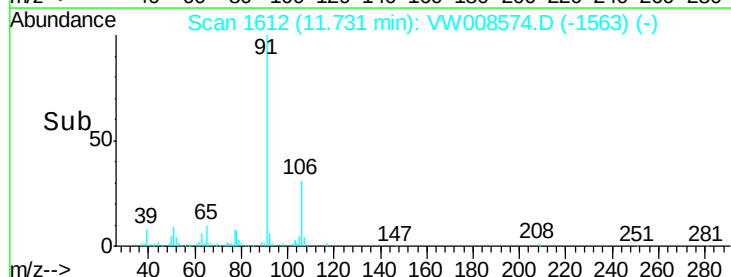
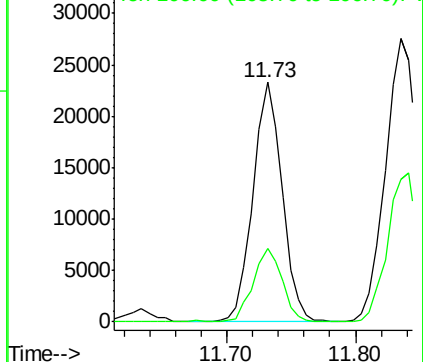
91 100

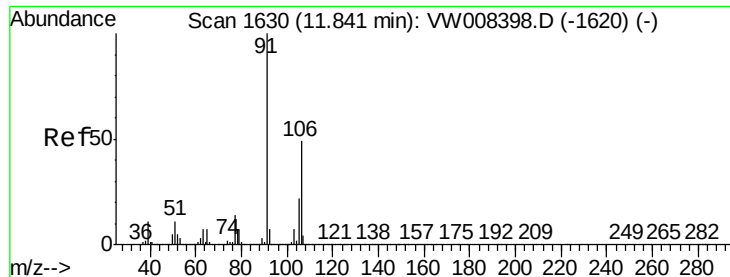
106 30.7 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

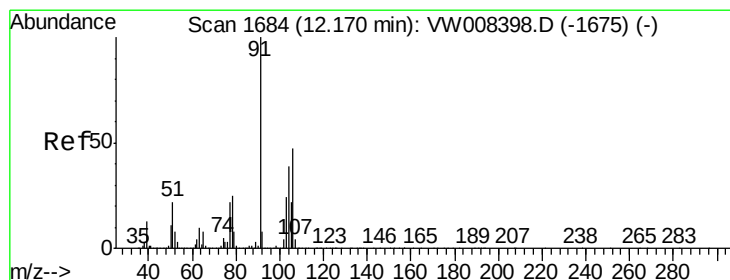
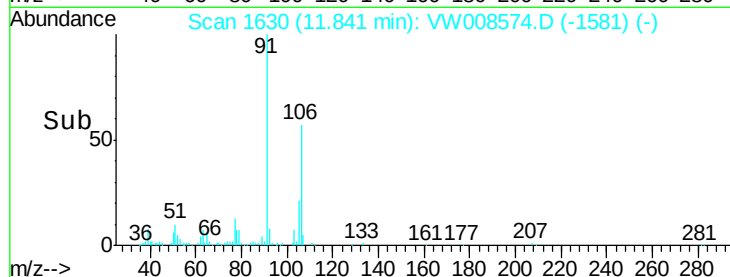
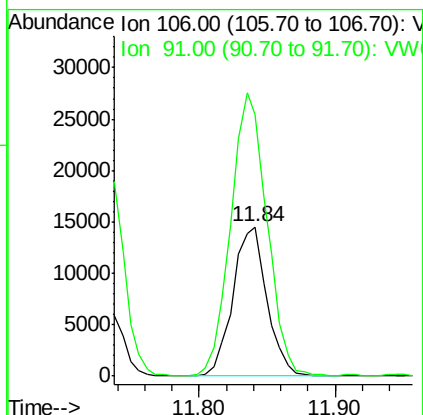
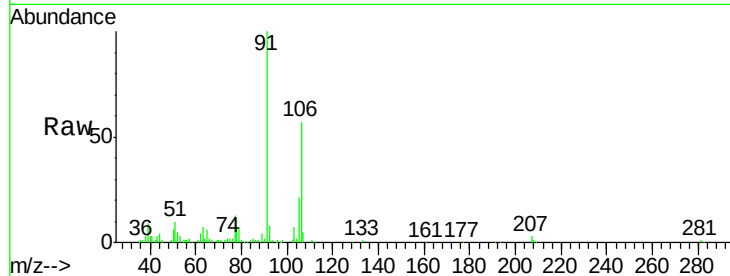




#68
m/p-Xylenes
Concen: 2.516 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008574.D
Acq: 08 Feb 2019 15:15

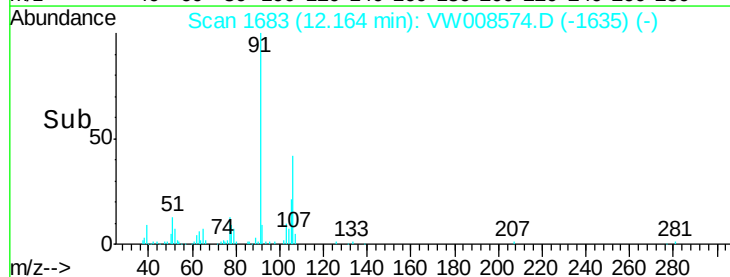
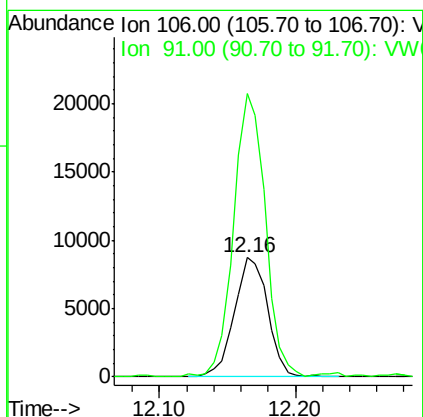
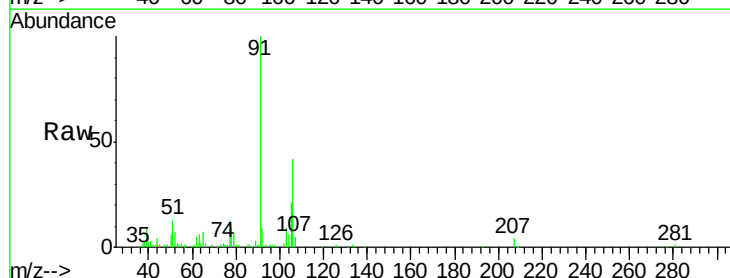
Instrument :
MSVOA_W
ClientSampleId :
RBR-200028

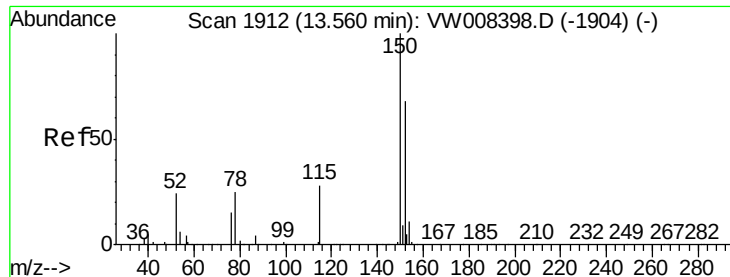
Tot Ion:106 Resp: 25354
Ion Ratio Lower Upper
106 100
91 201.5 162.9 244.3



#69
o-Xylene
Concen: 1.558 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008574.D
Acq: 08 Feb 2019 15:15

Tgt Ion:106 Resp: 14915
Ion Ratio Lower Upper
106 100
91 225.3 107.5 322.4



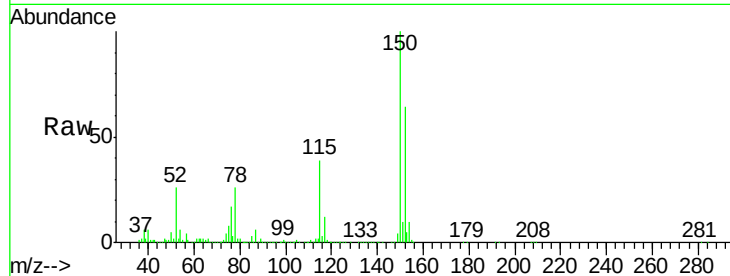


#72

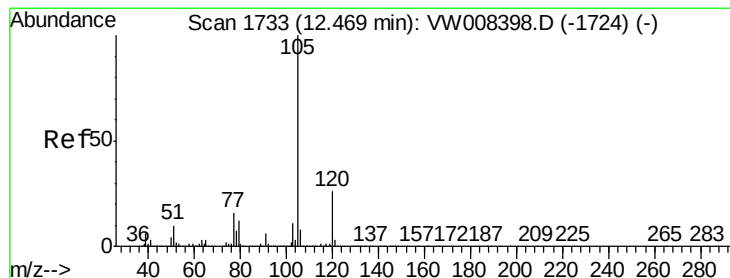
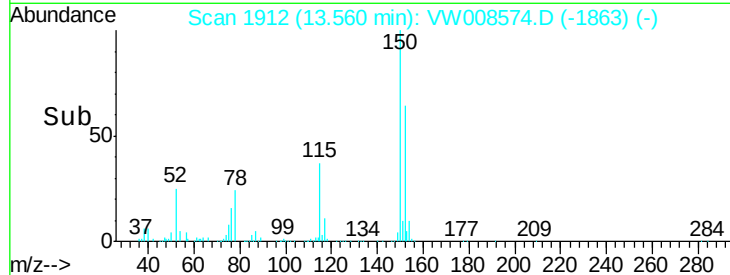
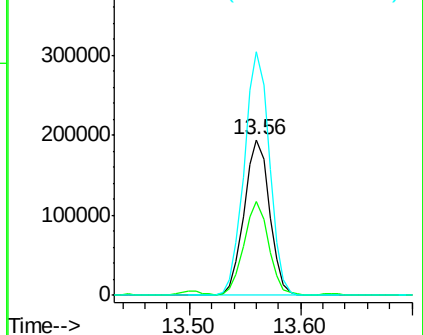
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008574.D
Acq: 08 Feb 2019 15:15

Instrument :
MSVOA_W
ClientSampleId :
RBR-200028

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.9	89.7
150	155.8	0.0	351.4



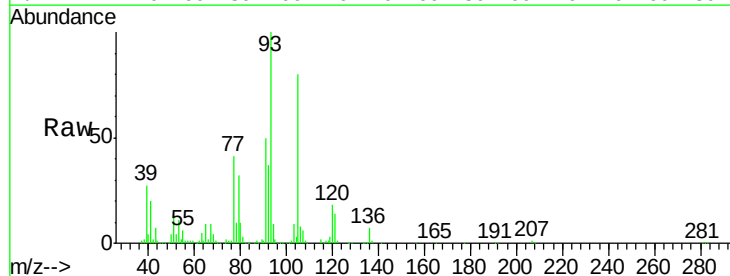
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



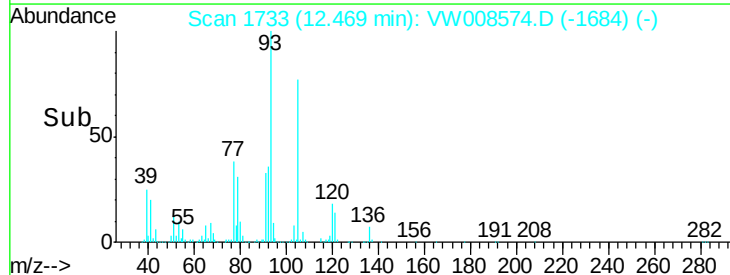
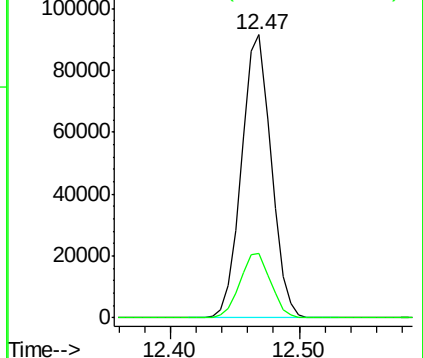
#73

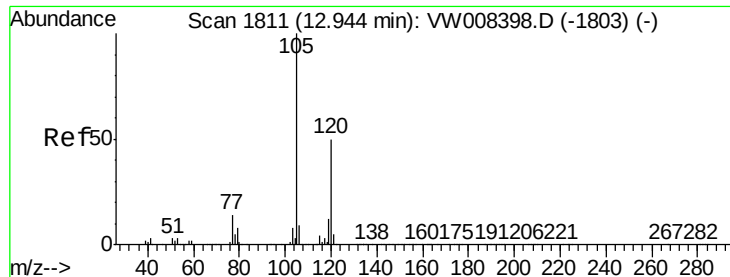
Isopropylbenzene
Concen: 6.337 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW008574.D
Acq: 08 Feb 2019 15:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	23.4	13.3	39.8



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

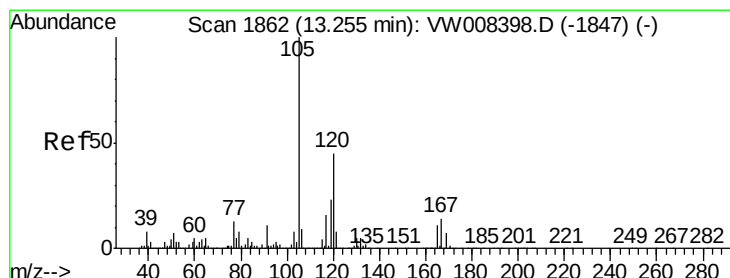
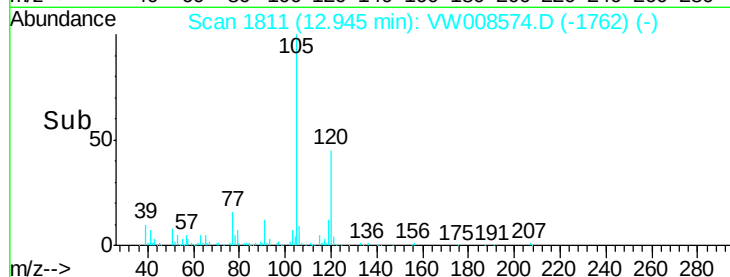
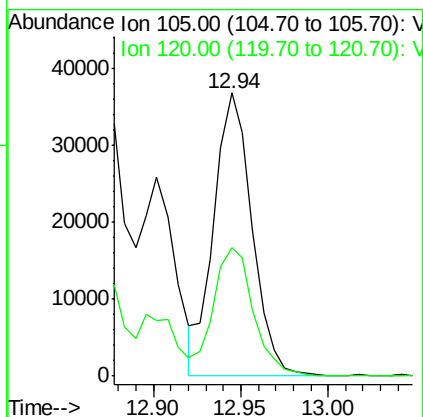
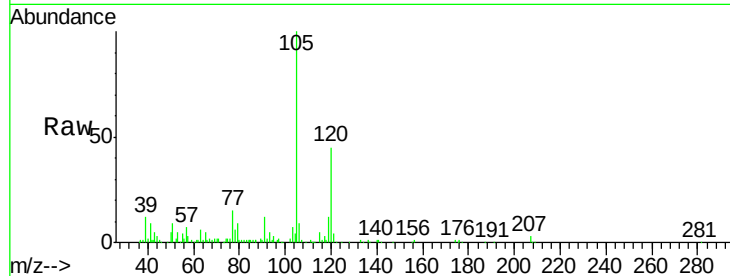




#80
 1,3,5-Trimethylbenzene
 Concen: 2.895 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008574.D
 Acq: 08 Feb 2019 15:15

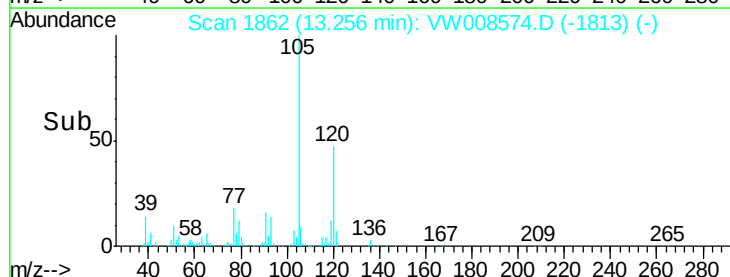
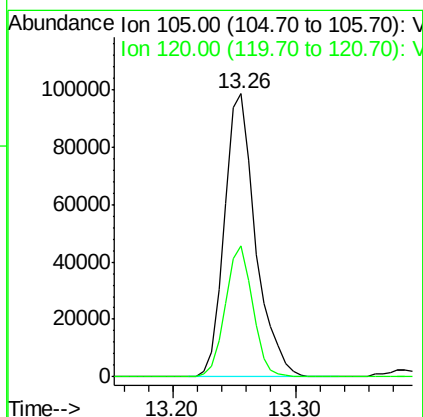
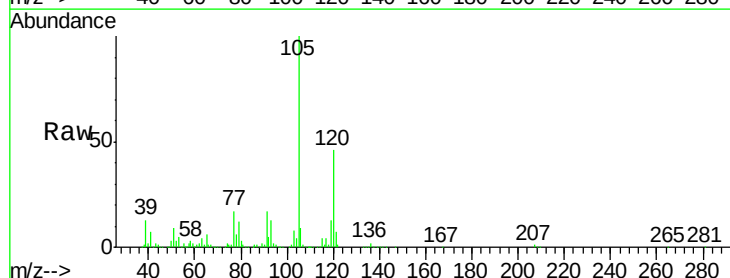
Instrument :
 MSVOA_W
 ClientSampled :
 RBR-200028

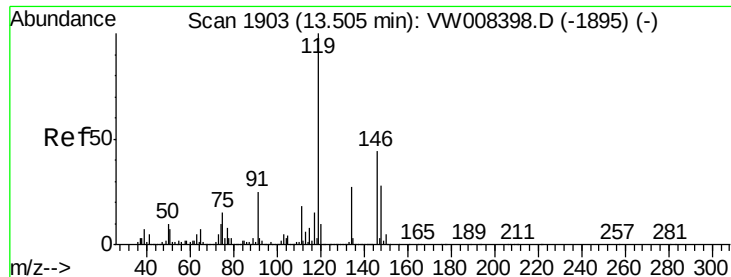
Tot Ion:105 Resp: 55608
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.6 73.8



#84
 1,2,4-Trimethylbenzene
 Concen: 8.872 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008574.D
 Acq: 08 Feb 2019 15:15

Tgt Ion:105 Resp: 173187
 Ion Ratio Lower Upper
 105 100
 120 40.8 23.1 69.2

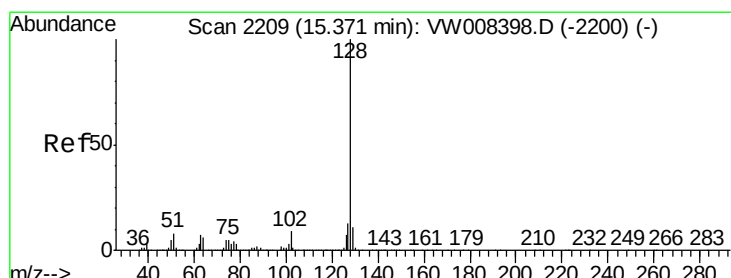
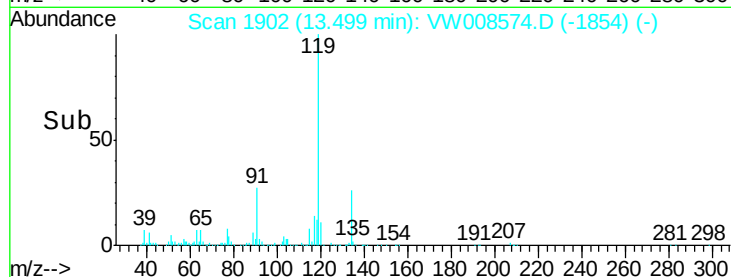
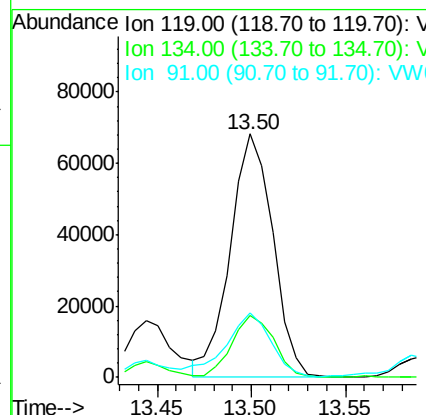
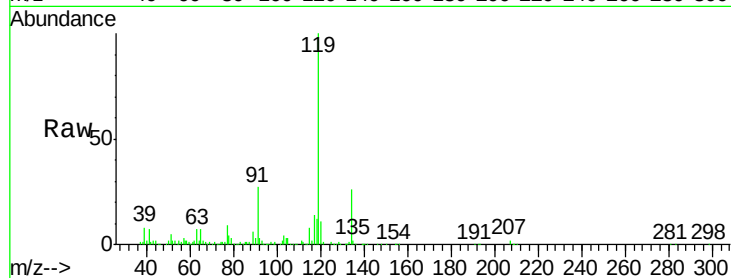




#86
 p-Isopropyltoluene
 Concen: 4.978 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008574.D
 Acq: 08 Feb 2019 15:15

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200028

Tot Ion:119 Resp: 106419
 Ion Ratio Lower Upper
 119 100
 134 25.0 13.4 40.2
 91 27.8 12.6 37.6



#95
 Naphthalene
 Concen: 1559.017 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VW008574.D
 Acq: 08 Feb 2019 15:15

Tgt Ion:128 Resp:17516761
 Ion Ratio Lower Upper
 128 100
 127 15.6 10.6 15.8
 129 13.1 8.7 13.1

