

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011619\
 Data File : VW008315.D
 Acq On : 16 Jan 2019 18:16
 Operator : SY/VA
 Sample : K1153-01
 Misc : 4.27G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR200044-RBR200027

Quant Time: Jan 17 06:21:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

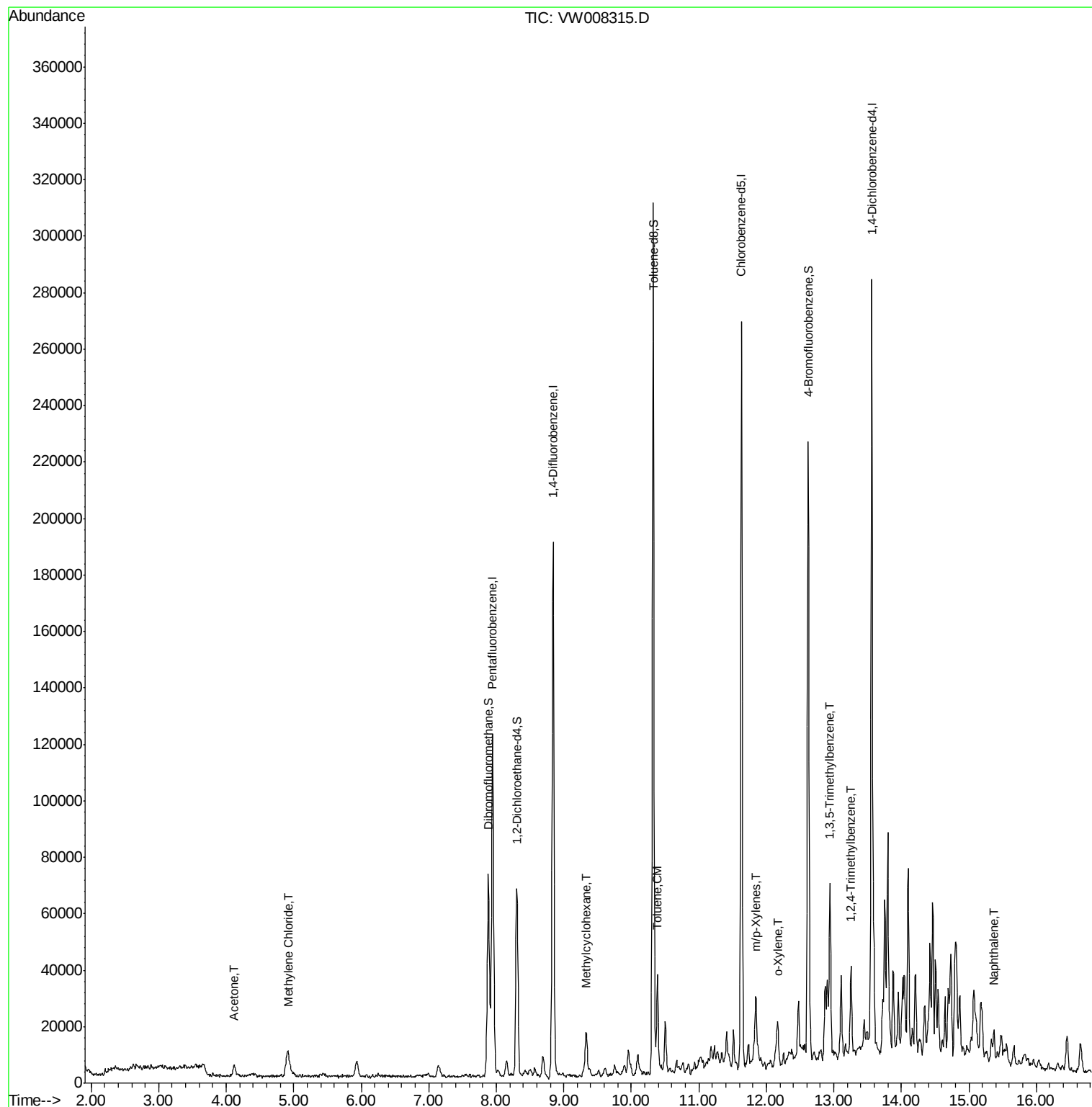
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	86472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	156070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	146054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	69862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51317	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
35) Dibromofluoromethane	7.88	113	49593	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
50) Toluene-d8	10.32	98	197992	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.62	95	71306	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	6809	19.474	ug/l #	88
20) Methylene Chloride	4.92	84	8074	4.016	ug/l #	81
39) Methylcyclohexane	9.34	83	5837	2.863	ug/l #	85
52) Toluene	10.39	92	14779	5.307	ug/l	99
68) m/p-Xylenes	11.85	106	2897	1.341	ug/l	97
69) o-Xylene	12.17	106	4330	2.164	ug/l	88
80) 1,3,5-Trimethylbenzene	12.95	105	26722	5.929	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	16665	3.585	ug/l	97
95) Naphthalene	15.37	128	6415	2.505	ug/l #	94

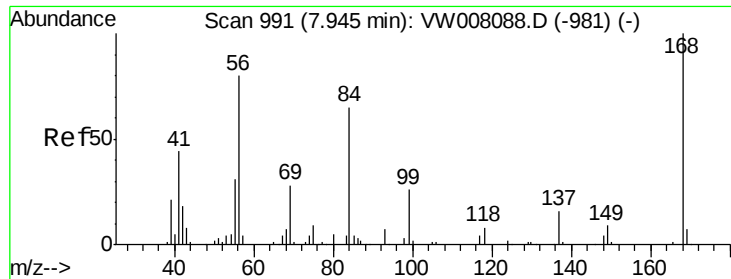
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011619\
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Misc : 4.27G/5ML/MSVOA W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RBR200044-RBR200027

Quant Time: Jan 17 06:21:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008315.D

Acq: 16 Jan 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

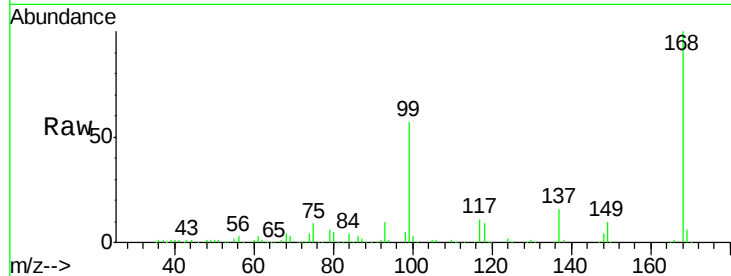
RBR200044-RBR200027

Tot Ion:168 Resp: 86472

Ion Ratio Lower Upper

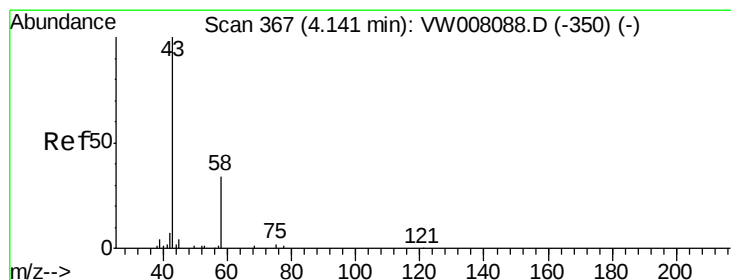
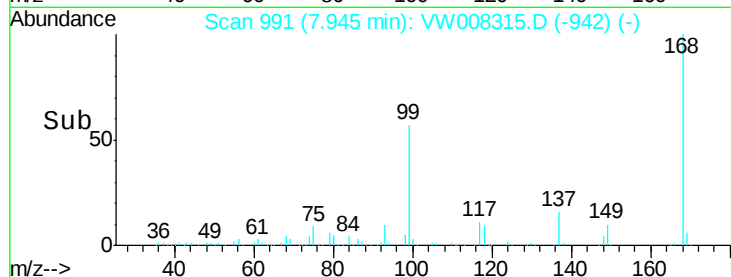
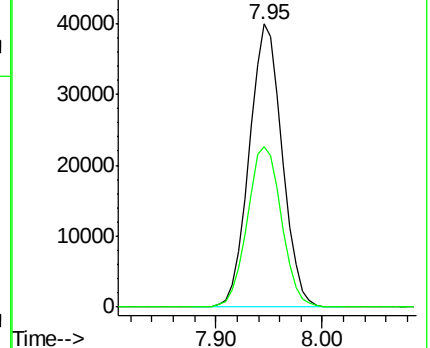
168 100

99 56.9 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 19.474 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW008315.D

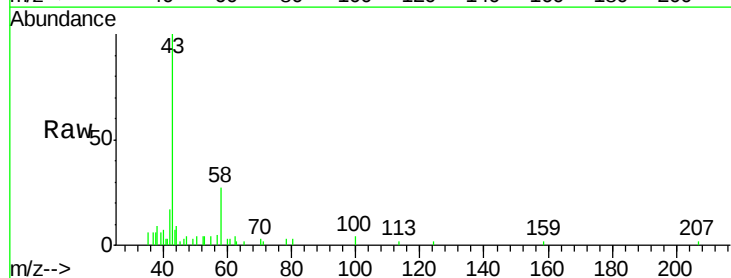
Acq: 16 Jan 2019 18:16

Tgt Ion: 43 Resp: 6809

Ion Ratio Lower Upper

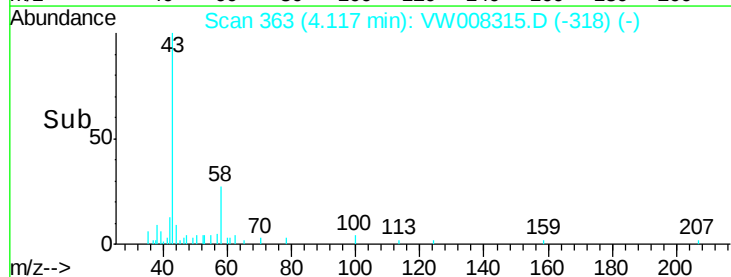
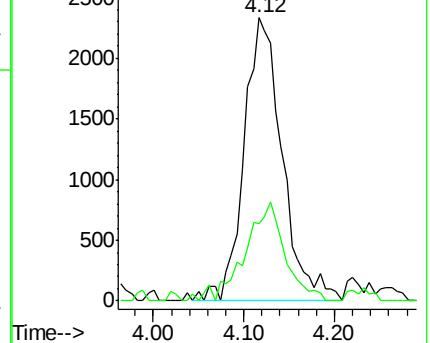
43 100

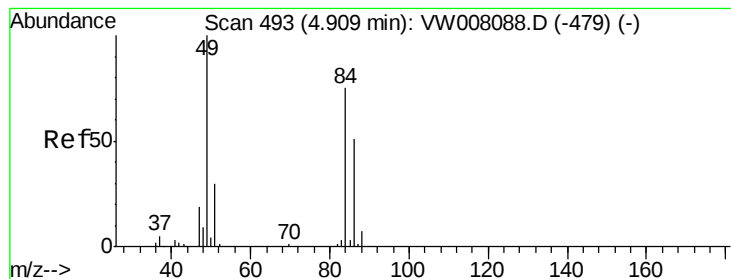
58 27.4 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 4.016 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW008315.D

Acq: 16 Jan 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

RBR200044-RBR200027

Tot Ion: 84 Resp: 8074

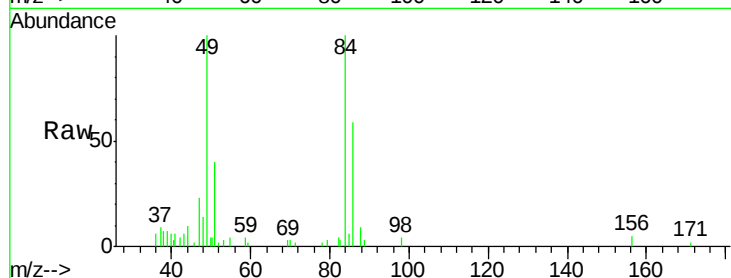
Ion Ratio Lower Upper

84 100

49 100.3 107.1 160.7#

51 39.7 32.4 48.6

86 59.3 54.2 81.4

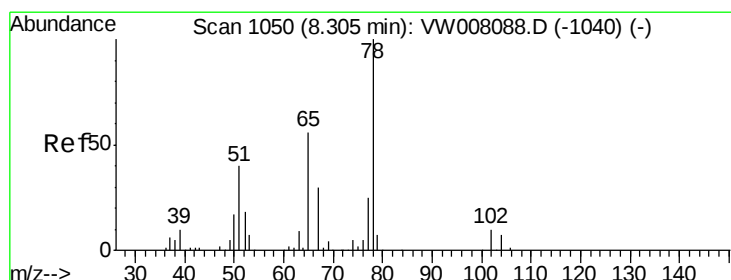
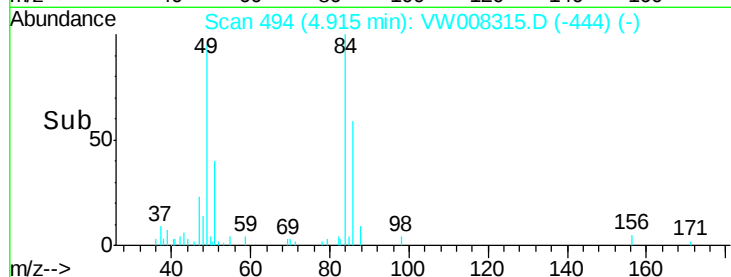
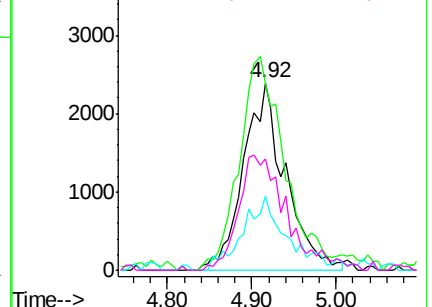


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 52.802 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008315.D

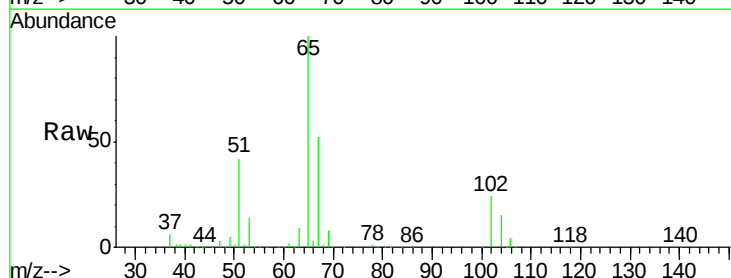
Acq: 16 Jan 2019 18:16

Tgt Ion: 65 Resp: 51317

Ion Ratio Lower Upper

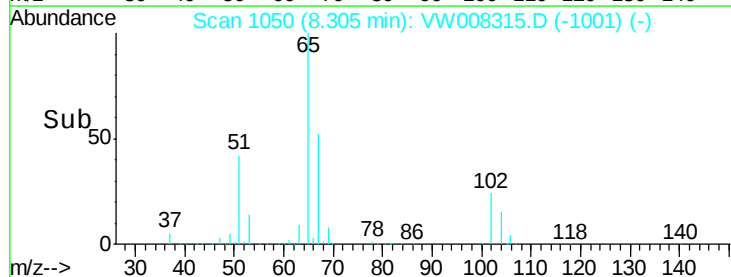
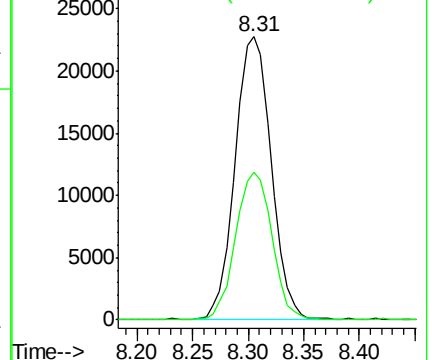
65 100

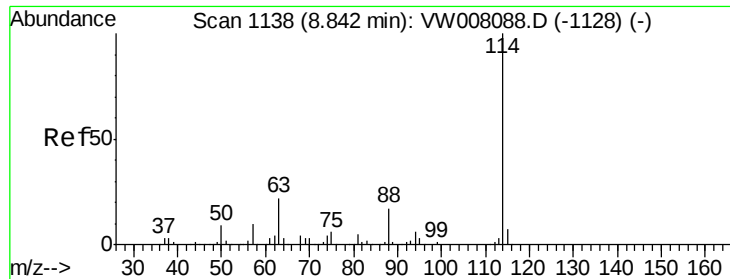
67 52.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

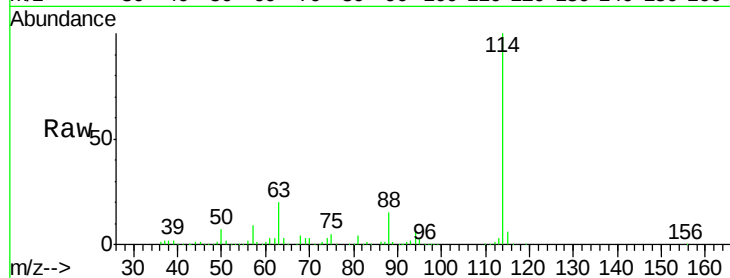




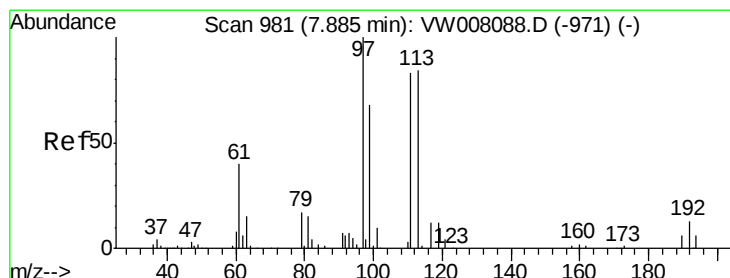
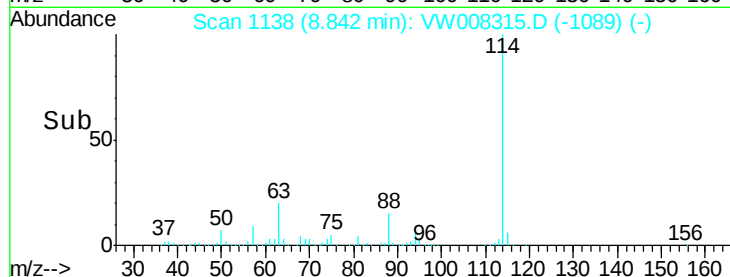
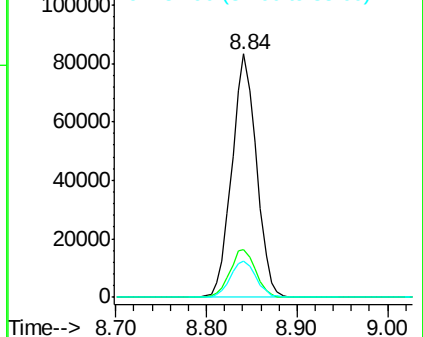
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008315.D
 Acq: 16 Jan 2019 18:16

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR200044-RBR200027

Tot Ion:114 Resp: 156070
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 43.4
 88 15.0 0.0 33.4

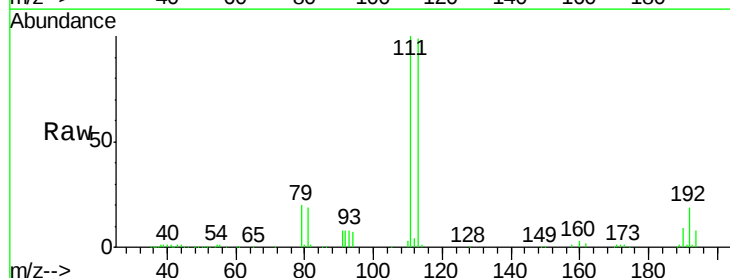


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

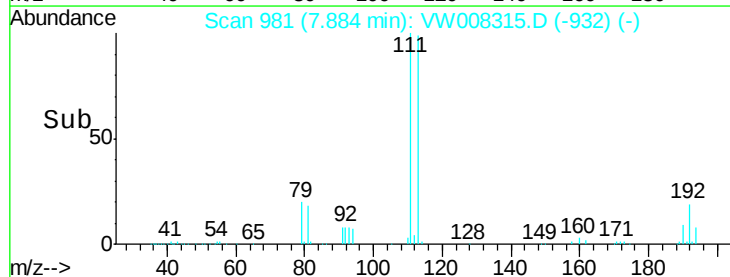
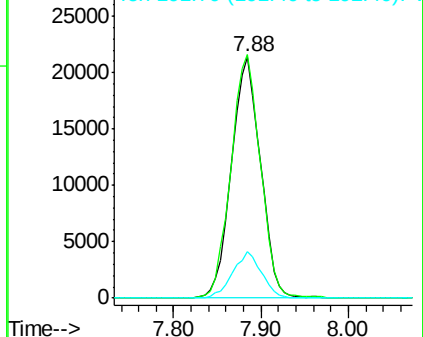


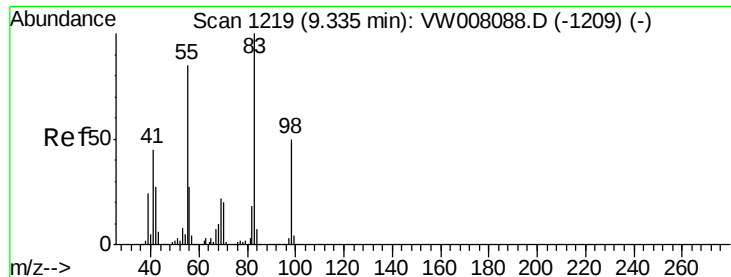
#35
 Dibromofluoromethane
 Concen: 54.482 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008315.D
 Acq: 16 Jan 2019 18:16

Tgt Ion:113 Resp: 49593
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.8 122.8
 192 19.0 12.8 19.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

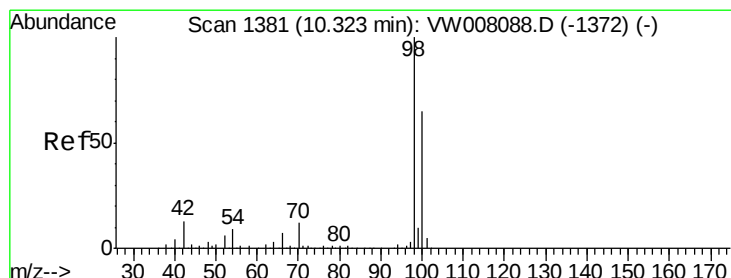
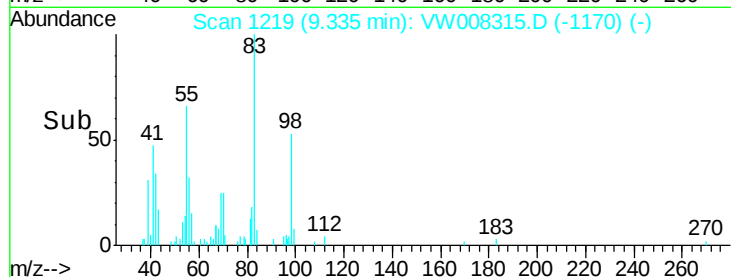
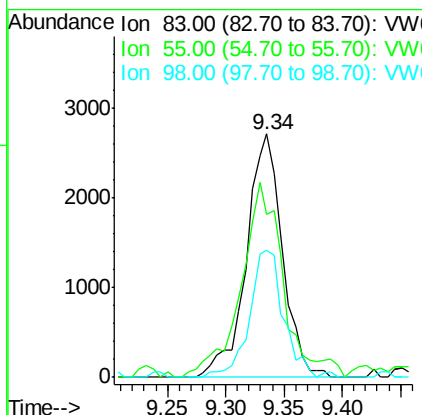
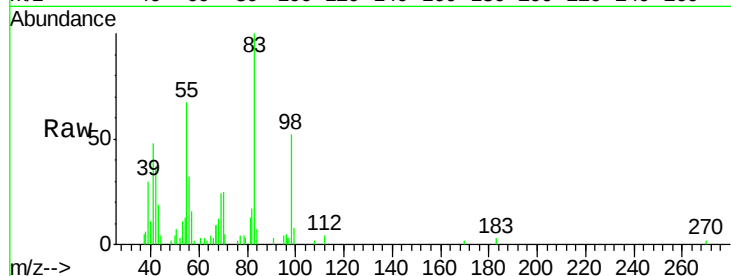




#39
Methvlcvclohexane
Concen: 2.863 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008315.D
Acq: 16 Jan 2019 18:16

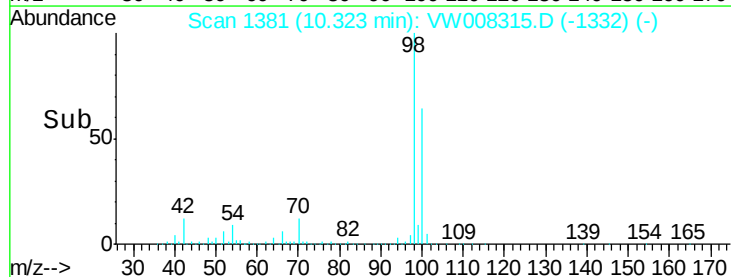
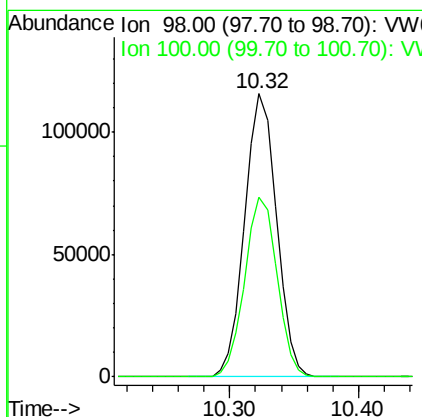
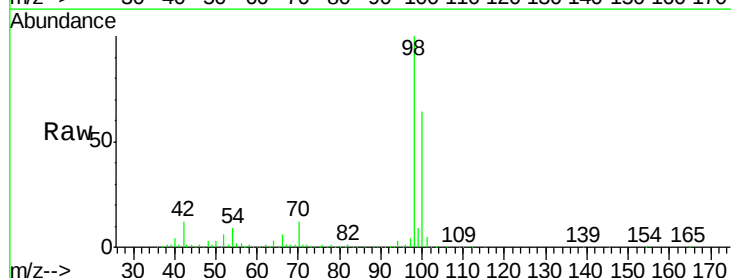
Instrument :
MSVOA_W
ClientSampleId :
RBR200044-RBR200027

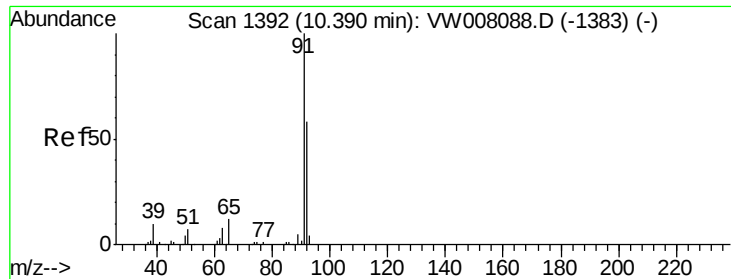
Tot Ion: 83 Resp: 5837
Ion Ratio Lower Upper
83 100
55 64.6 67.8 101.6#
98 52.0 40.2 60.4



#50
Toluene-d8
Concen: 51.833 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008315.D
Acq: 16 Jan 2019 18:16

Tgt Ion: 98 Resp: 197992
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5





#52

Toluene

Concen: 5.307 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008315.D

Acq: 16 Jan 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

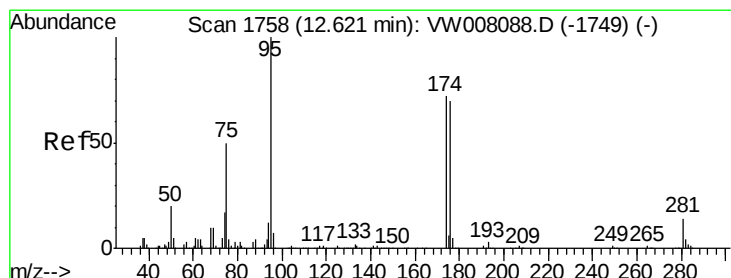
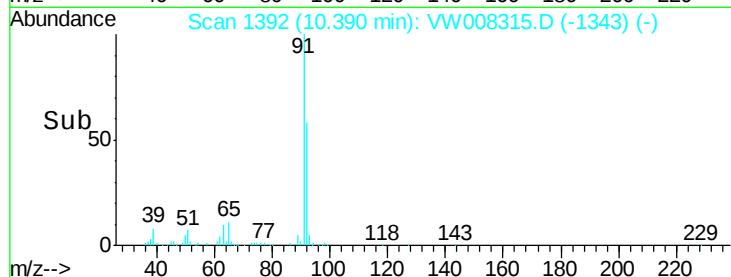
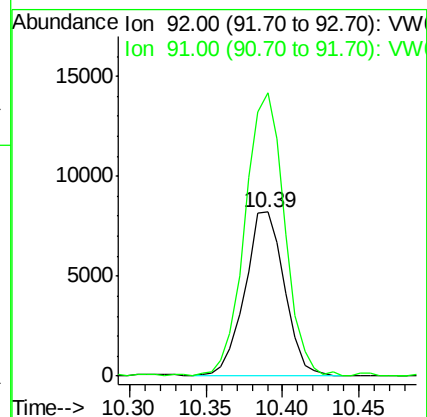
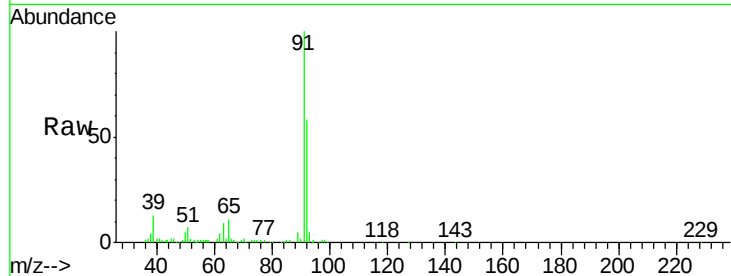
RBR200044-RBR200027

Tot Ion: 92 Resp: 14779

Ion Ratio Lower Upper

92 100

91 172.5 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 52.071 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008315.D

Acq: 16 Jan 2019 18:16

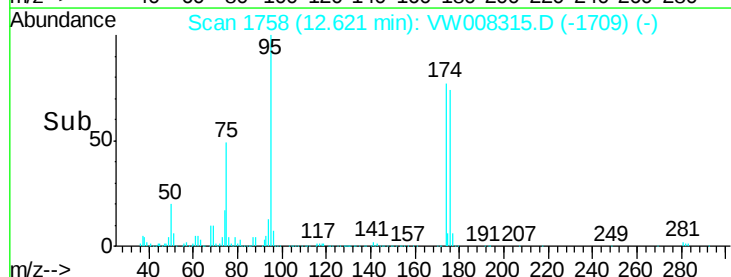
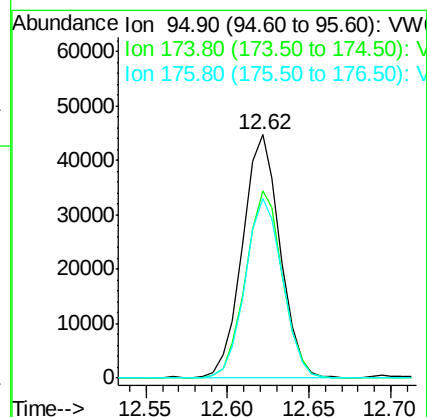
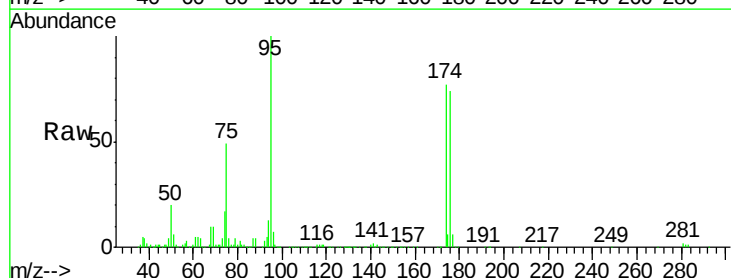
Tgt Ion: 95 Resp: 71306

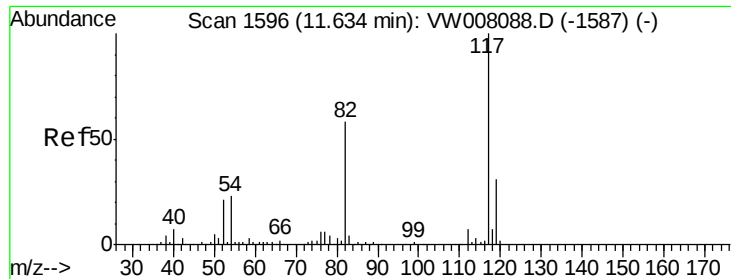
Ion Ratio Lower Upper

95 100

174 76.5 0.0 143.0

176 73.8 0.0 140.2

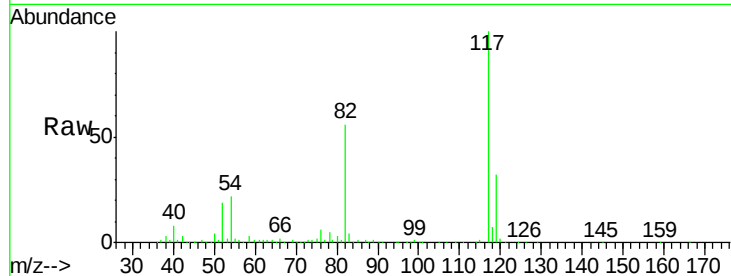




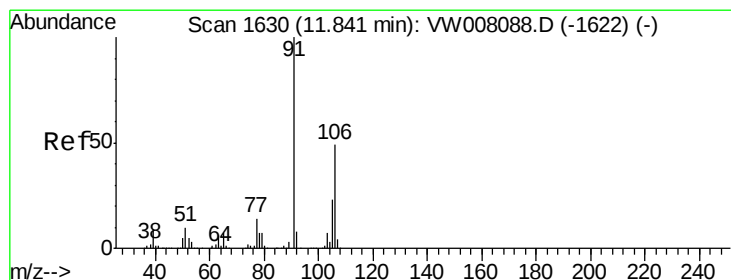
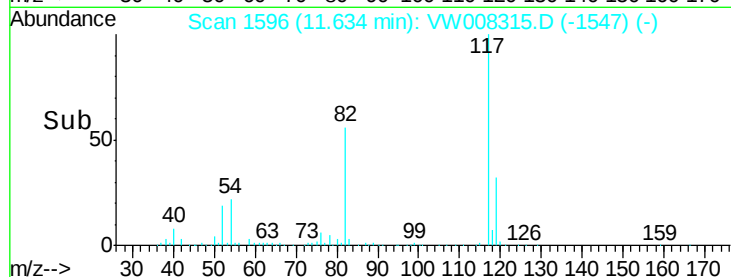
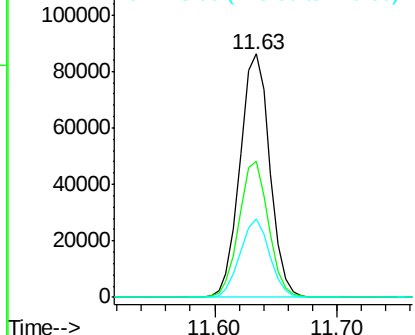
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008315.D
Acq: 16 Jan 2019 18:16

Instrument :
MSVOA_W
ClientSampleId :
RBR200044-RBR200027

Tot Ion:117 Resp: 146054
Ion Ratio Lower Upper
117 100
82 55.7 46.4 69.6
119 32.3 24.7 37.1

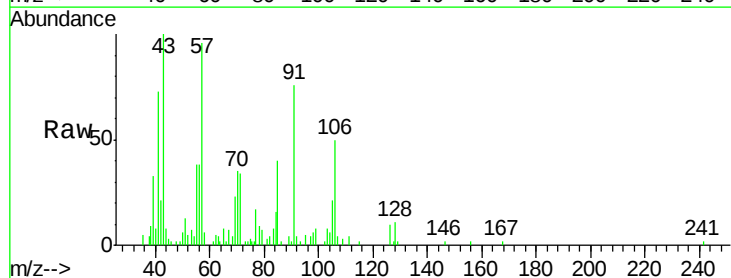


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

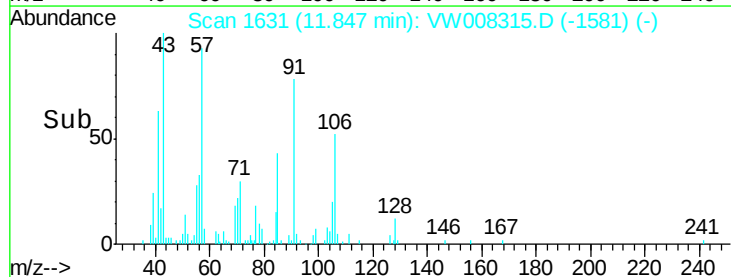
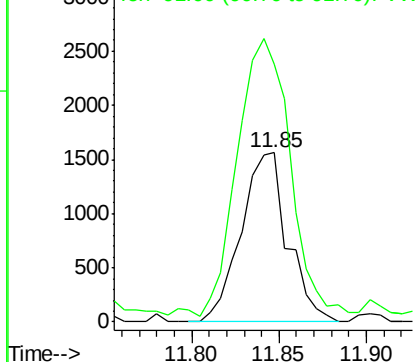


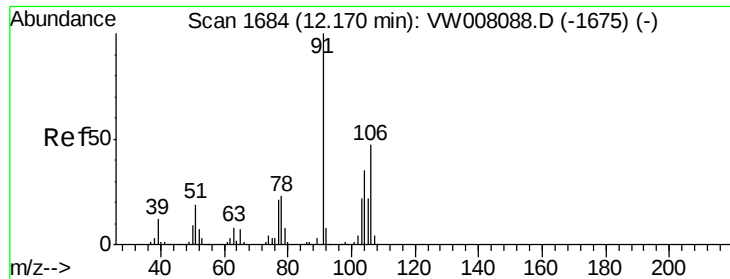
#68
m/p-Xylenes
Concen: 1.341 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW008315.D
Acq: 16 Jan 2019 18:16

Tgt Ion:106 Resp: 2897
Ion Ratio Lower Upper
106 100
91 199.1 162.4 243.6



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

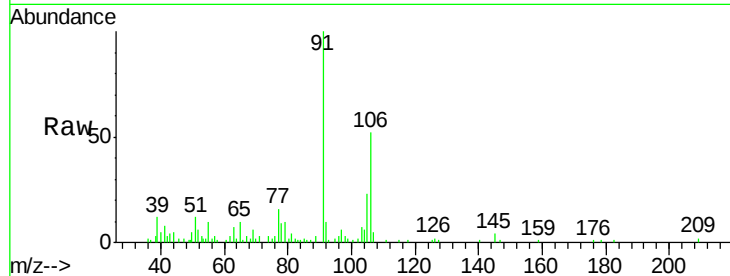




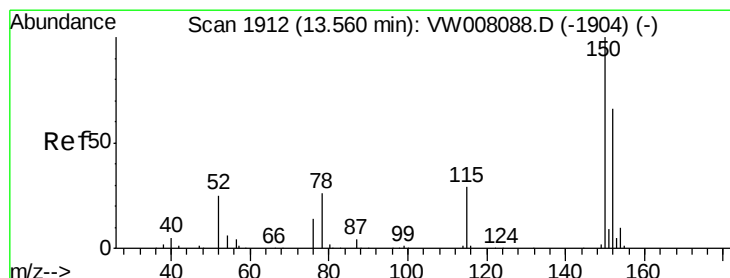
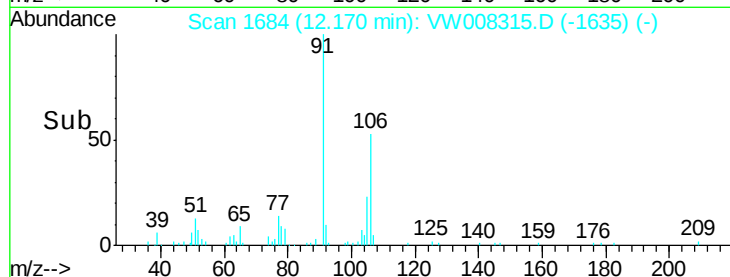
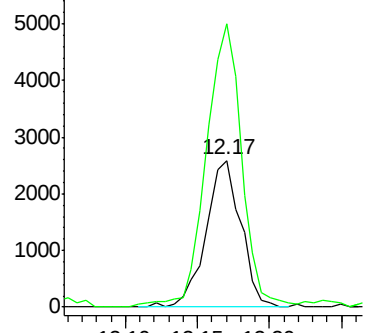
#69
o-Xylene
Concen: 2.164 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008315.D
Acq: 16 Jan 2019 18:16

Instrument :
MSVOA_W
ClientSampleId :
RBR200044-RBR200027

Tot Ion:106 Resp: 4330
Ion Ratio Lower Upper
106 100
91 196.7 107.8 323.6

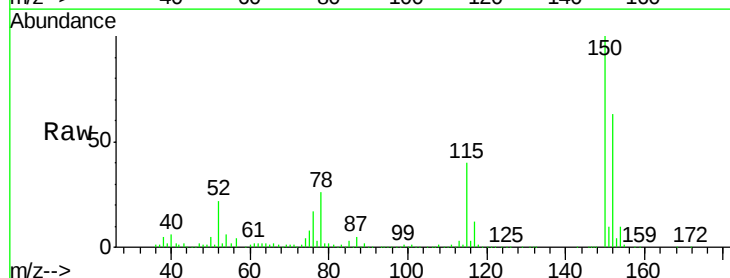


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV

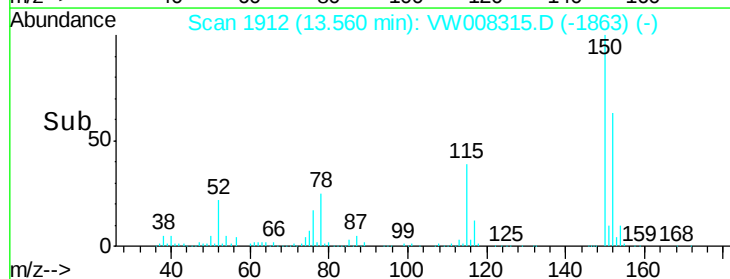
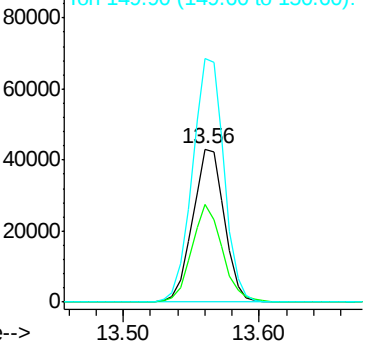


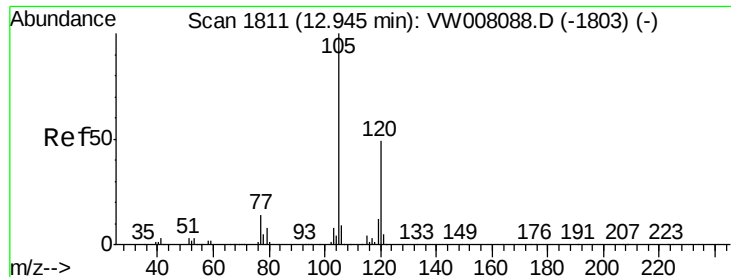
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008315.D
Acq: 16 Jan 2019 18:16

Tgt Ion:152 Resp: 69862
Ion Ratio Lower Upper
152 100
115 62.5 30.8 92.4
150 158.9 0.0 350.2



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

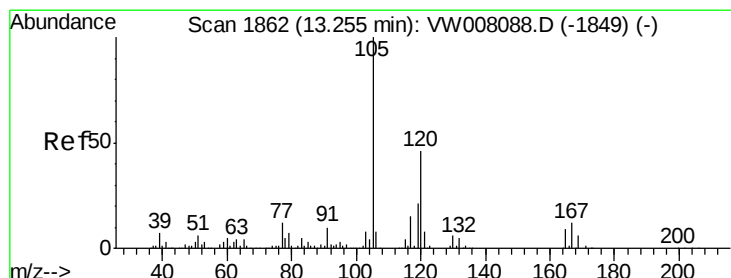
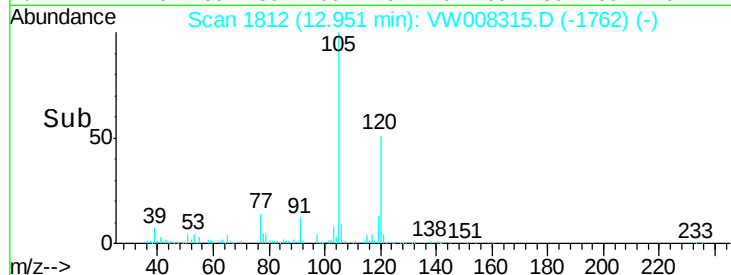
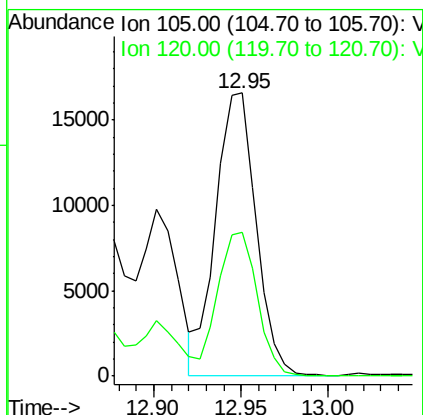
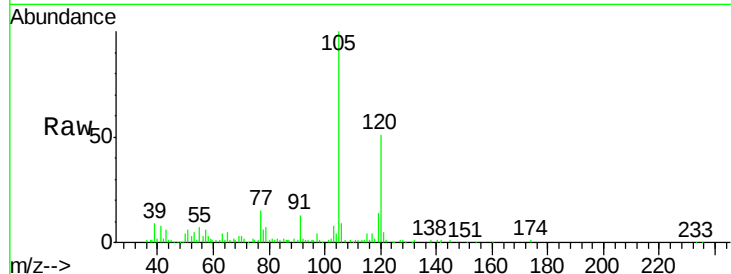




#80
 1,3,5-Trimethylbenzene
 Concen: 5.929 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW008315.D
 Acq: 16 Jan 2019 18:16

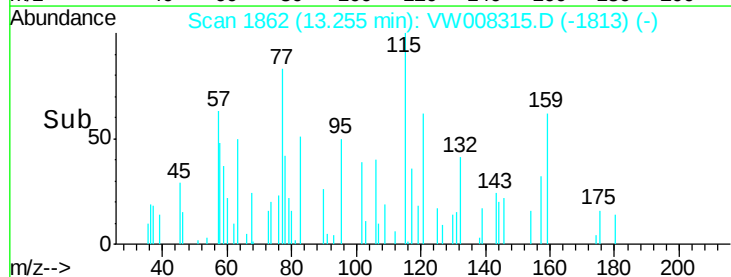
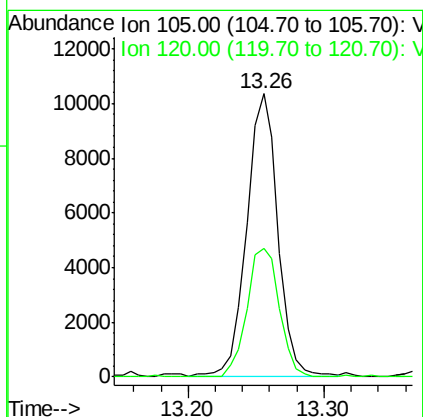
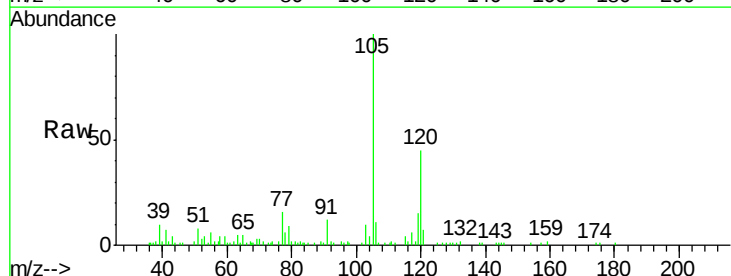
Instrument :
 MSVOA_W
 ClientSampleId :
 RBR200044-RBR200027

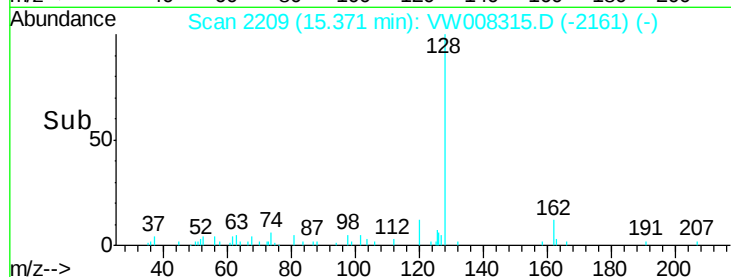
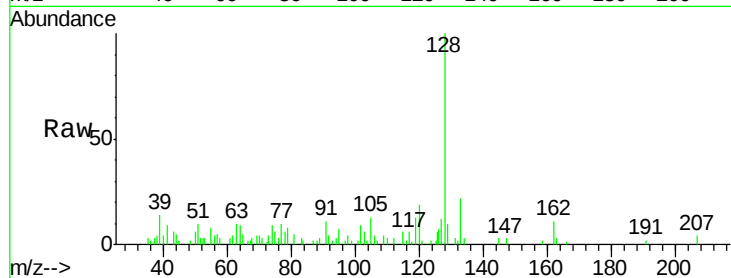
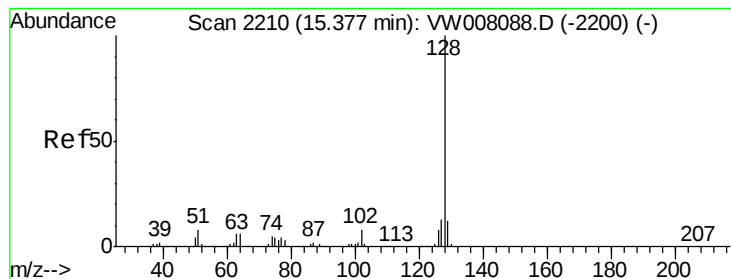
Tot Ion:105 Resp: 26722
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.7 74.1



#84
 1,2,4-Trimethylbenzene
 Concen: 3.585 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008315.D
 Acq: 16 Jan 2019 18:16

Tgt Ion:105 Resp: 16665
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.7 68.1





#95

Naphthalene

Concen: 2.505 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW008315.D

Acq: 16 Jan 2019 18:16

Instrument :

MSVOA_W

ClientSampleId :

RBR200044-RBR200027

Tot Ion:128 Resp: 6415

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 6.9 9.0 13.6#

