

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110318\
 Data File : VW006588.D
 Acq On : 02 Nov 2018 05:28
 Operator : SY/AP
 Sample : J5377-01RE
 Misc : 6.32G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200036RE

Quant Time: Nov 02 09:05:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

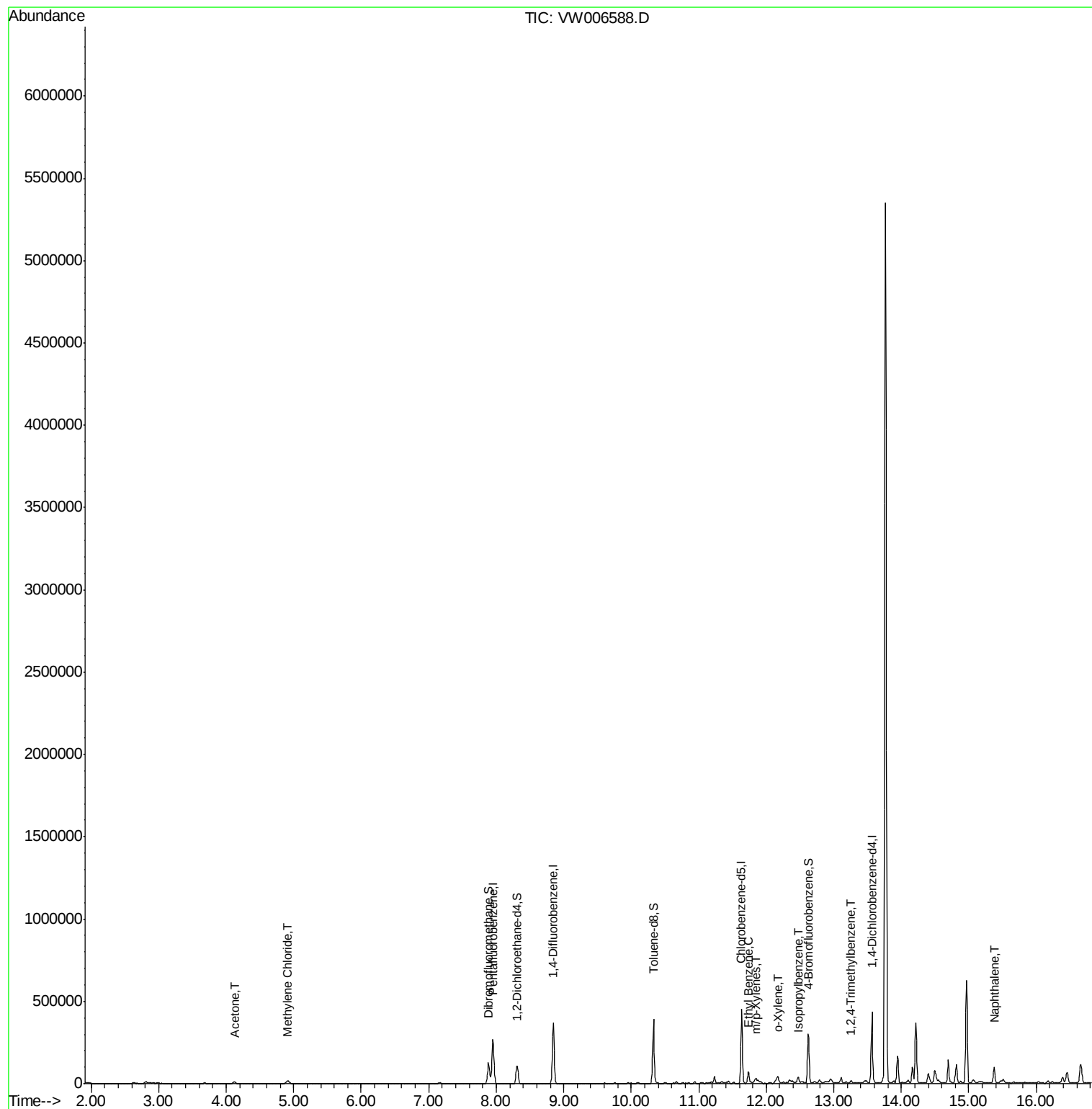
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	338009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	267679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	125975	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	87940	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
35) Dibromofluoromethane	7.88	113	88261	41.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.22%	
50) Toluene-d8	10.33	98	265022	32.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.64%	
62) 4-Bromofluorobenzene	12.62	95	93259	31.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.70%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	18678	61.392	ug/l	98
20) Methylene Chloride	4.91	84	15354	2.060	ug/l	97
67) Ethyl Benzene	11.73	91	49064	5.211	ug/l	94
68) m/p-Xylenes	11.84	106	9224	2.452	ug/l	95
69) o-Xylene	12.17	106	10610	2.963	ug/l	97
73) Isopropylbenzene	12.47	105	16913	2.038	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	8824	1.234	ug/l	96
95) Naphthalene	15.38	128	87099	19.148	ug/l	100

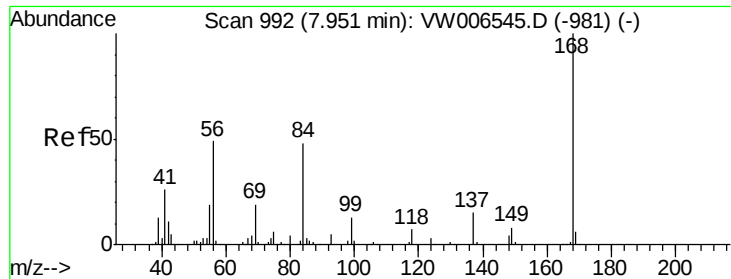
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 43 Sample Multiplier: 1

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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
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: VW006588.D

Acq: 02 Nov 2018 05:28

Instrument :

MSVOA_W

ClientSampleId :

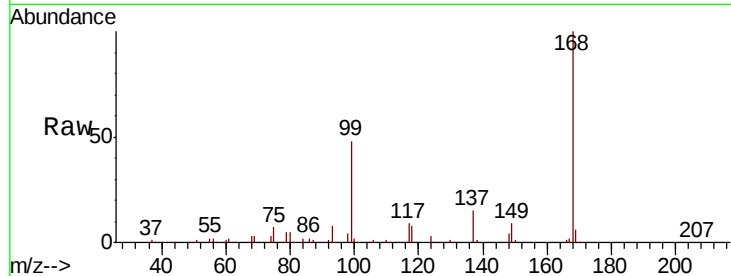
RBR-200036RE

Tot Ion:168 Resp: 219225

Ion Ratio Lower Upper

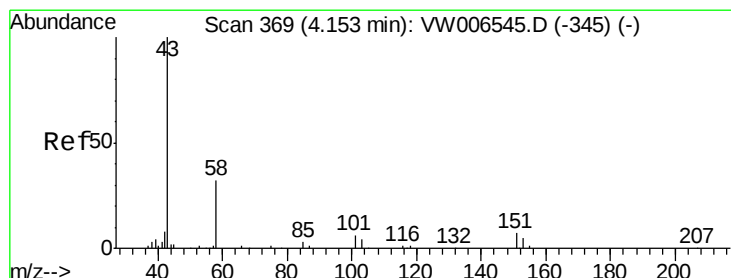
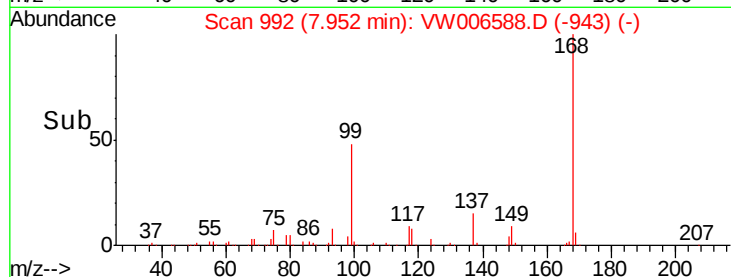
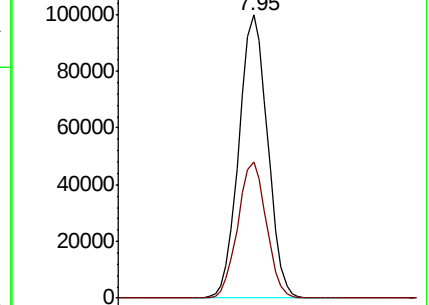
168 100

99 48.1 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 61.392 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.03 min

Lab File: VW006588.D

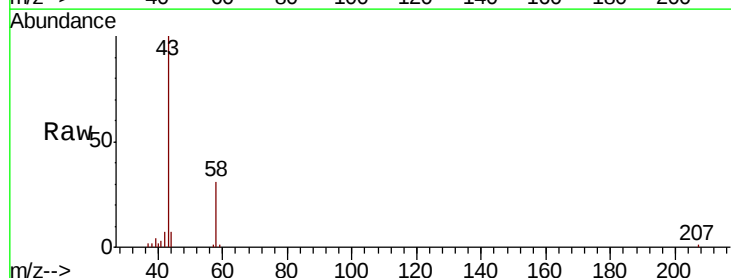
Acq: 02 Nov 2018 05:28

Tgt Ion: 43 Resp: 18678

Ion Ratio Lower Upper

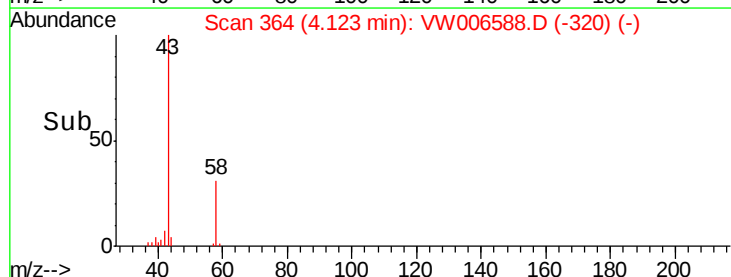
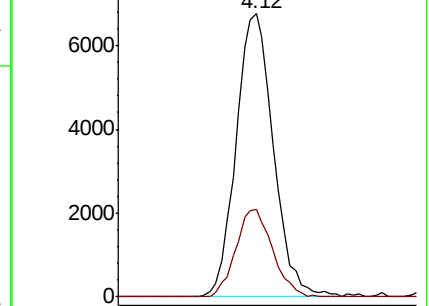
43 100

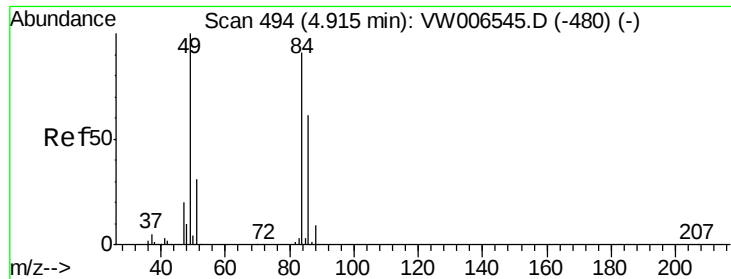
58 31.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

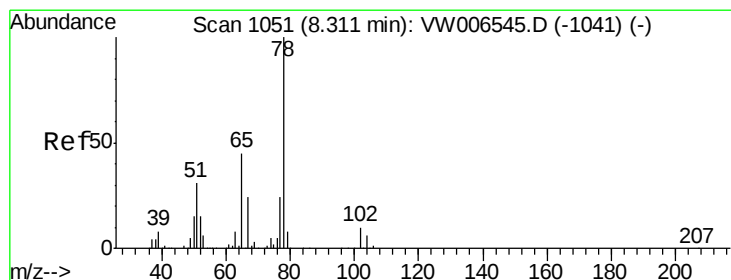
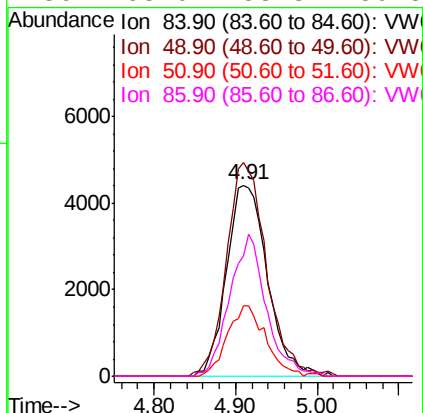
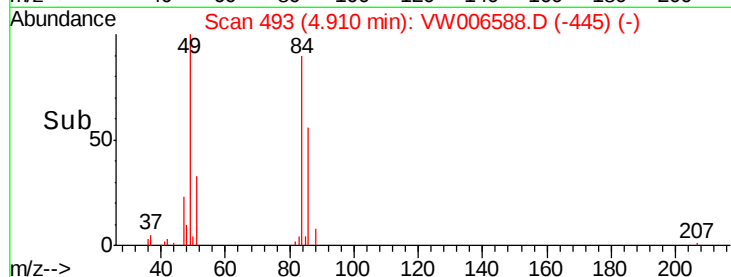
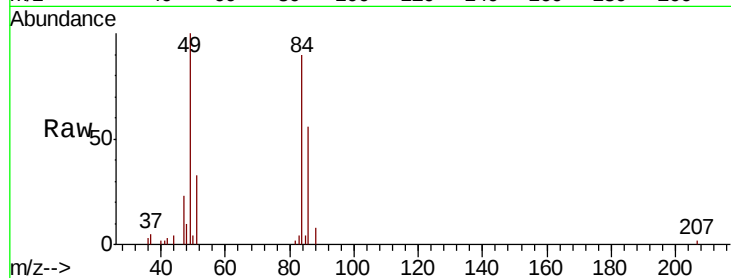




#20
Methylene Chloride
Concen: 2.060 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006588.D
Acq: 02 Nov 2018 05:28

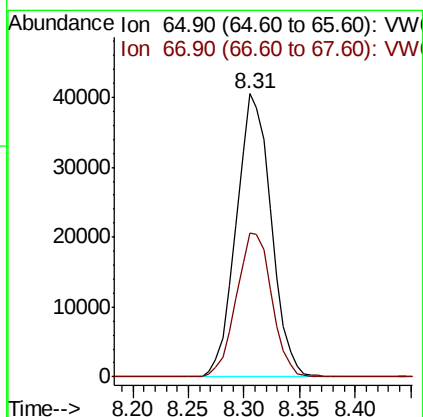
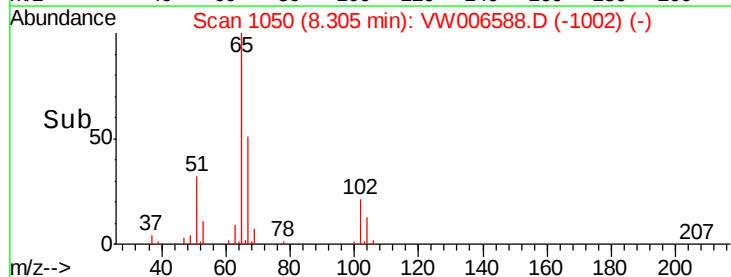
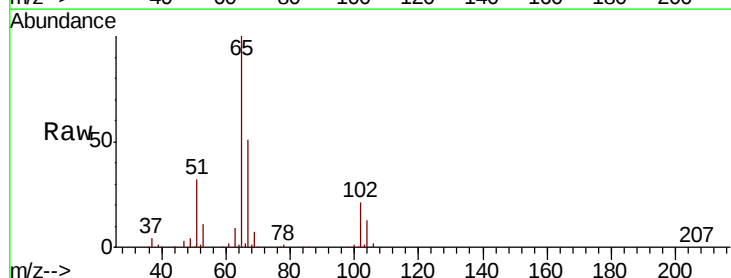
Instrument :
MSVOA_W
ClientSampleId :
RBR-200036RE

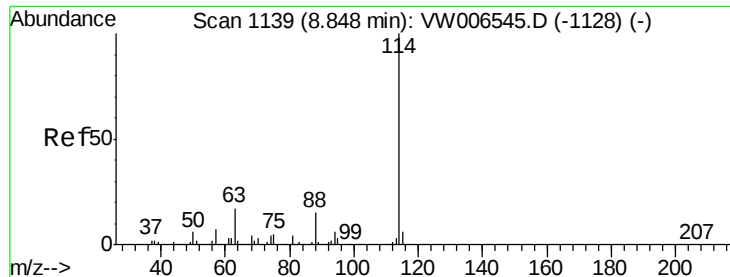
Tot Ion: 84 Resp: 15354
Ion Ratio Lower Upper
84 100
49 111.7 88.2 132.4
51 37.1 27.0 40.6
86 63.0 53.8 80.8



#33
1,2-Dichloroethane-d4
Concen: 46.666 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006588.D
Acq: 02 Nov 2018 05:28

Tgt Ion: 65 Resp: 87940
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.4

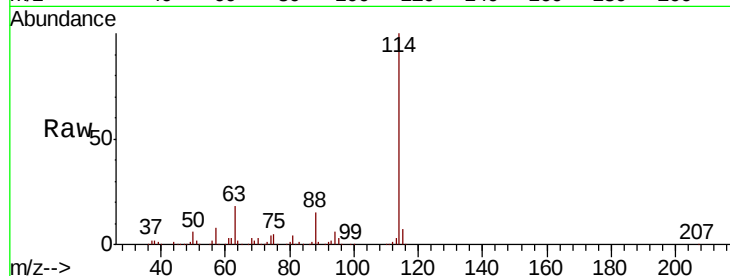




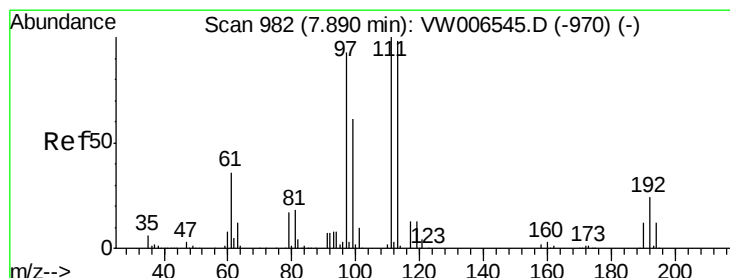
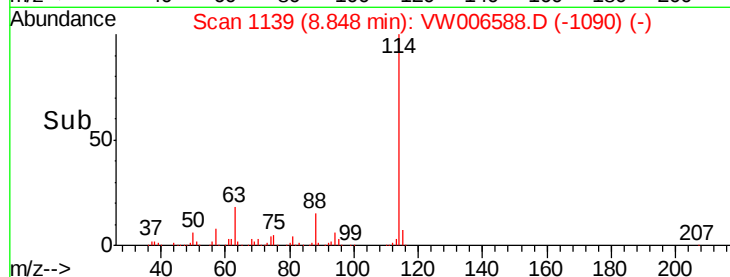
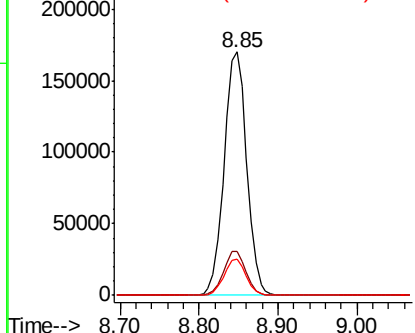
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006588.D
 Acq: 02 Nov 2018 05:28

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200036RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	34.4
88	14.7	0.0	29.0

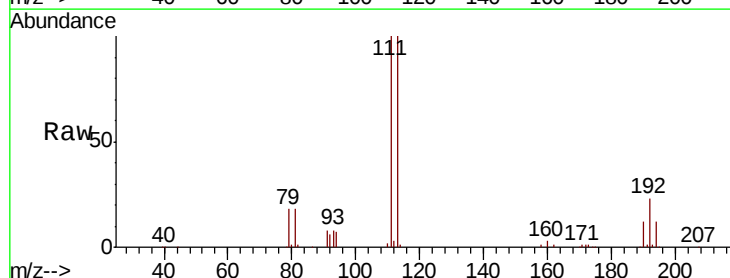


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

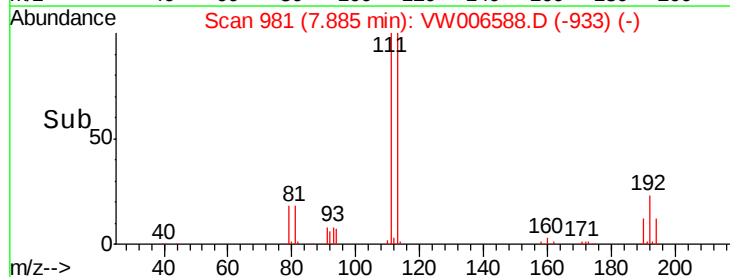
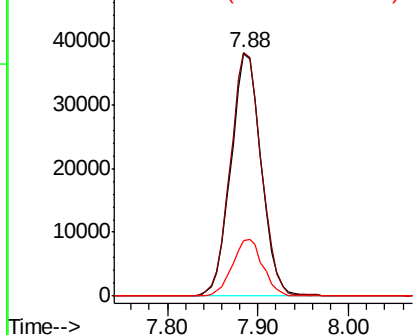


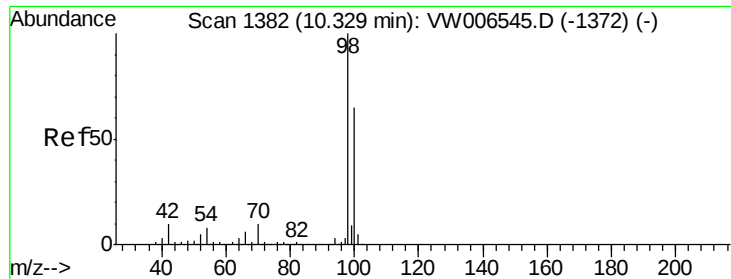
#35
 Dibromofluoromethane
 Concen: 41.608 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006588.D
 Acq: 02 Nov 2018 05:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.2
192	23.7	19.0	28.6



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





#50

Toluene-d8

Concen: 32.819 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006588.D

Acq: 02 Nov 2018 05:28

Instrument :

MSVOA_W

ClientSampleId :

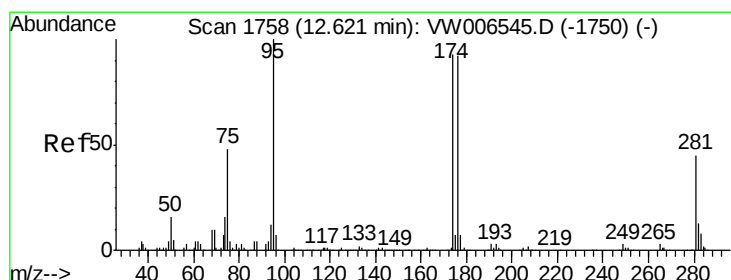
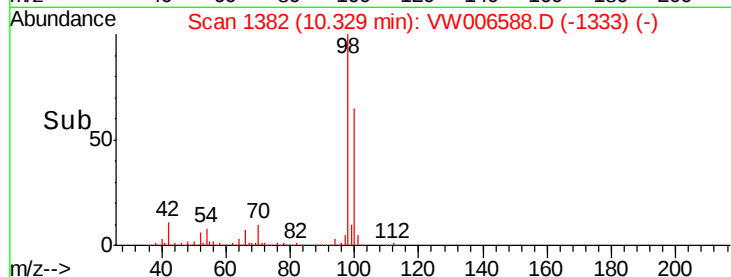
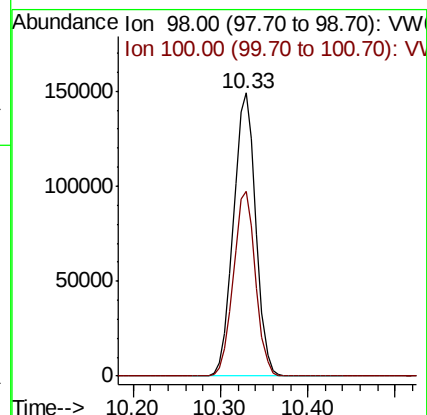
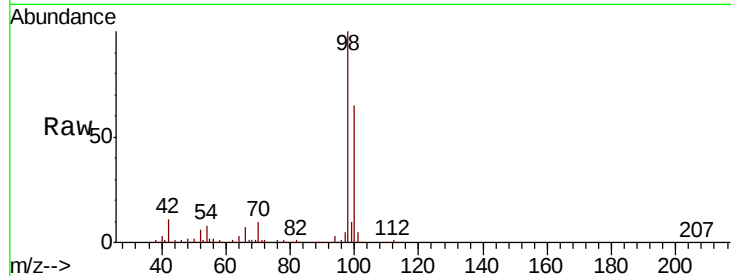
RBR-200036RE

Tot Ion: 98 Resp: 265022

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 31.855 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006588.D

Acq: 02 Nov 2018 05:28

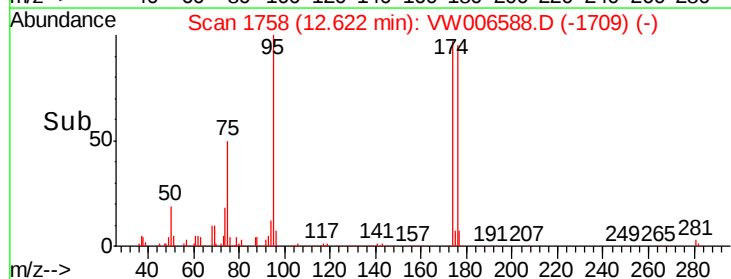
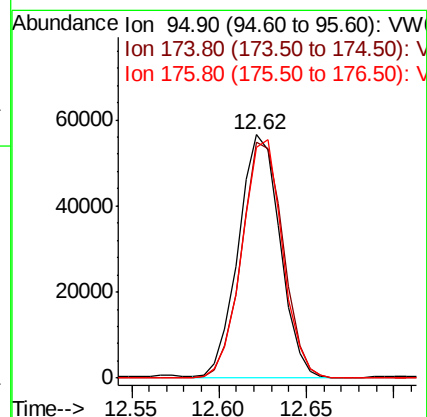
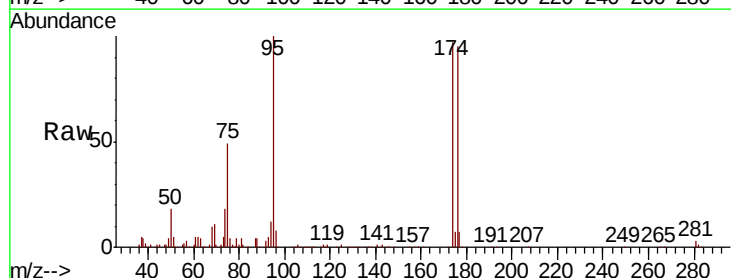
Tgt Ion: 95 Resp: 93259

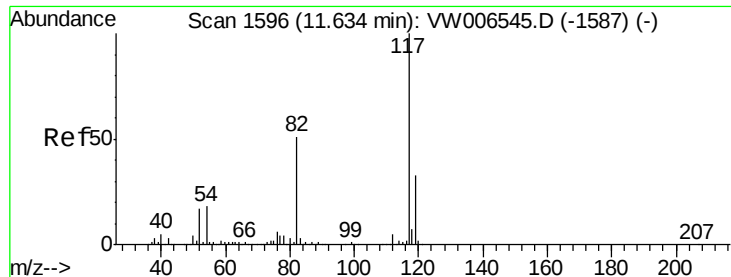
Ion Ratio Lower Upper

95 100

174 97.3 0.0 192.4

176 95.5 0.0 187.4

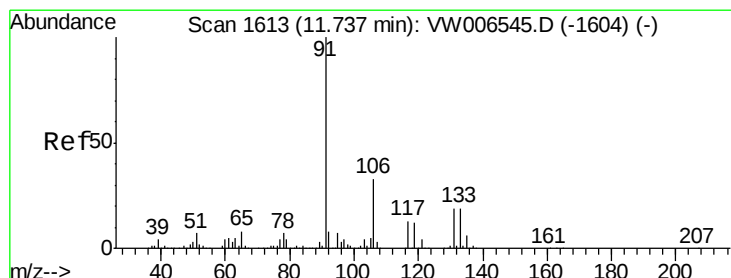
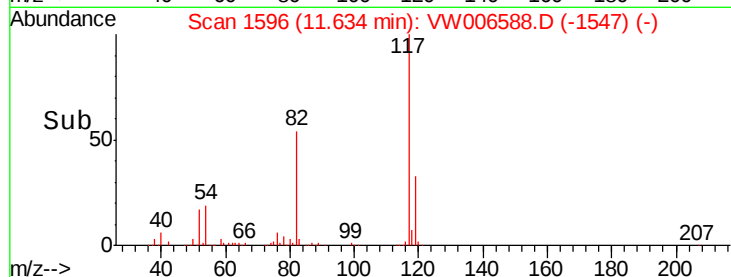
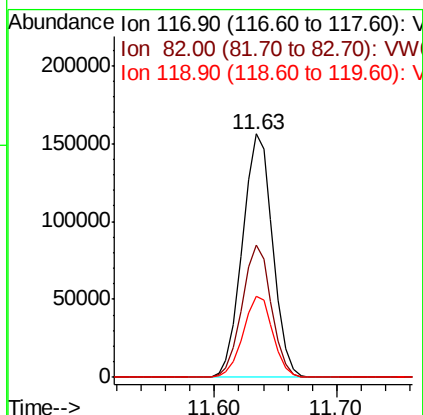
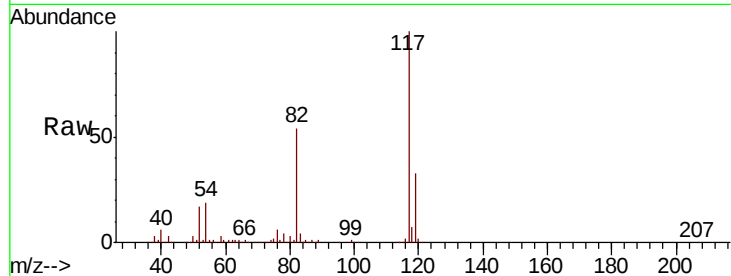




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006588.D
Acq: 02 Nov 2018 05:28

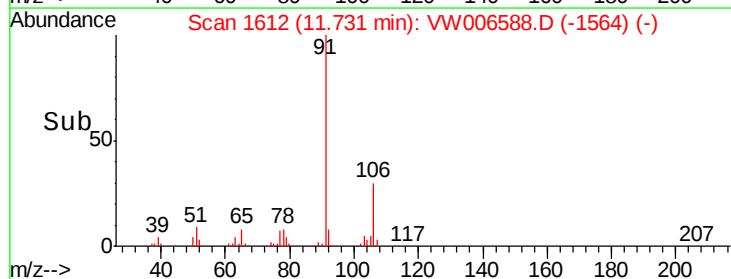
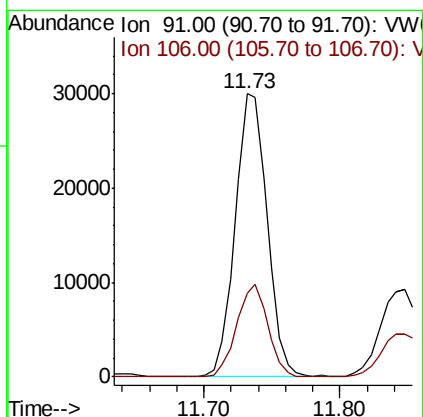
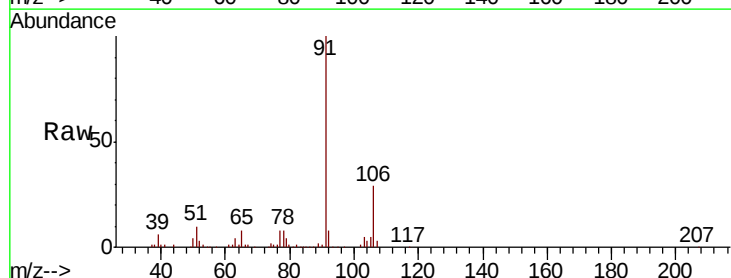
Instrument :
MSVOA_W
ClientSampleId :
RBR-200036RE

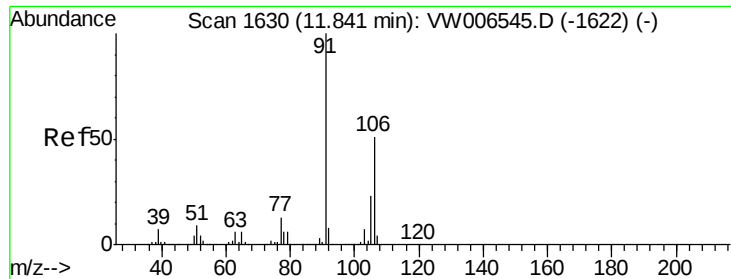
Tot Ion:117 Resp: 267679
Ion Ratio Lower Upper
117 100
82 54.3 40.8 61.2
119 33.4 26.1 39.1



#67
Ethyl Benzene
Concen: 5.211 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006588.D
Acq: 02 Nov 2018 05:28

Tgt Ion: 91 Resp: 49064
Ion Ratio Lower Upper
91 100
106 29.4 26.3 39.5

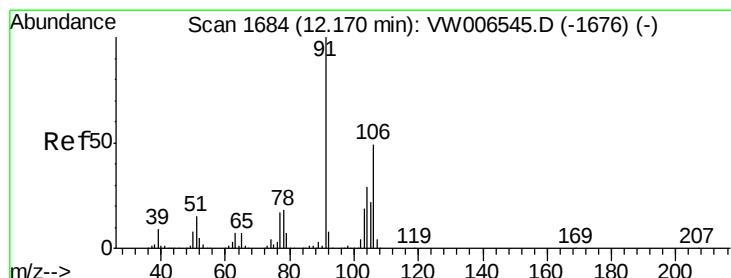
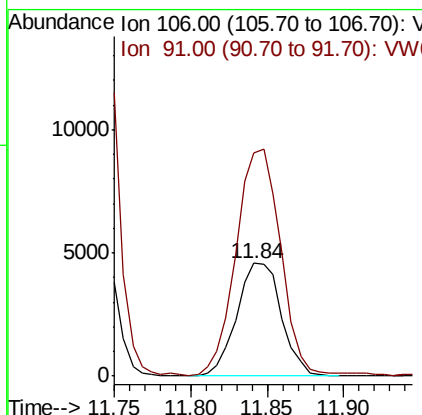
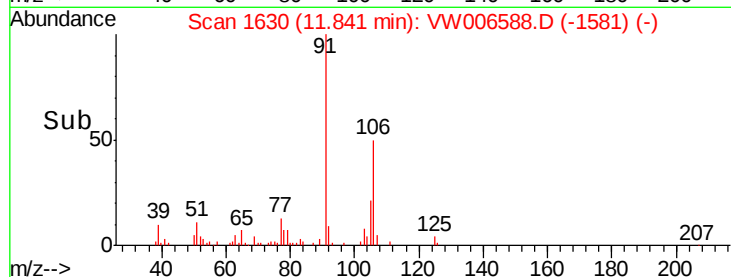
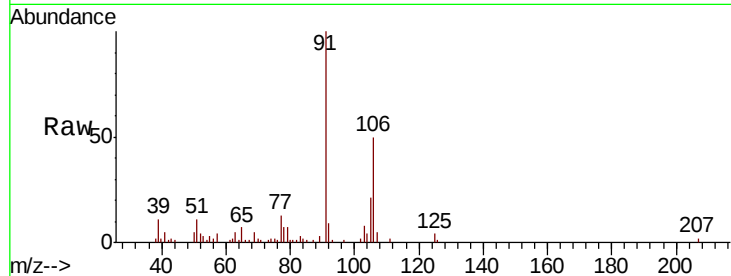




#68
m/p-Xylenes
Concen: 2.452 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006588.D
Acq: 02 Nov 2018 05:28

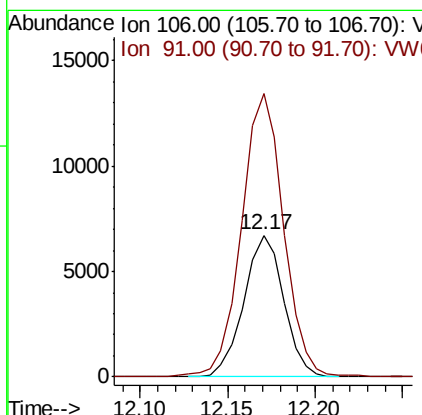
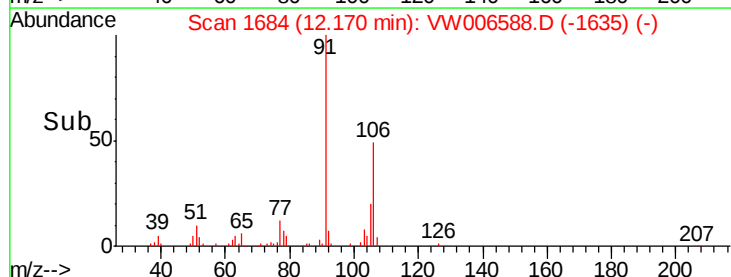
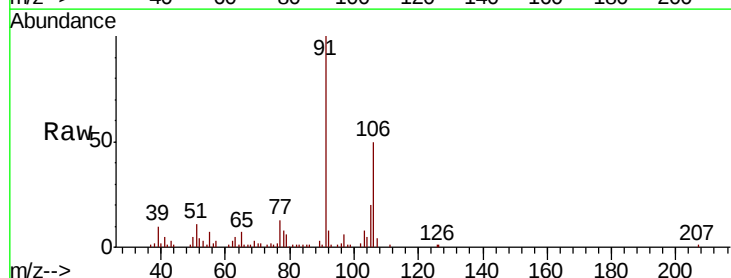
Instrument :
MSVOA_W
ClientSampleId :
RBR-200036RE

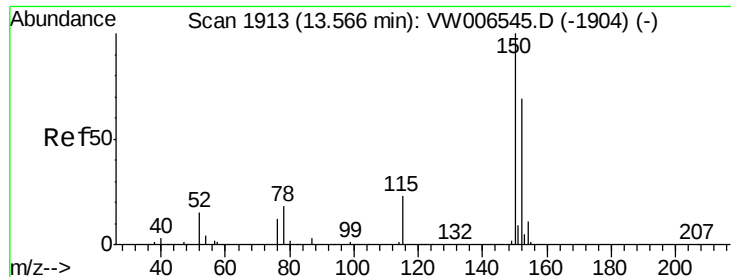
Tot Ion:106 Resp: 9224
Ion Ratio Lower Upper
106 100
91 203.0 156.7 235.1



#69
o-Xylene
Concen: 2.963 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006588.D
Acq: 02 Nov 2018 05:28

Tgt Ion:106 Resp: 10610
Ion Ratio Lower Upper
106 100
91 211.0 102.8 308.4



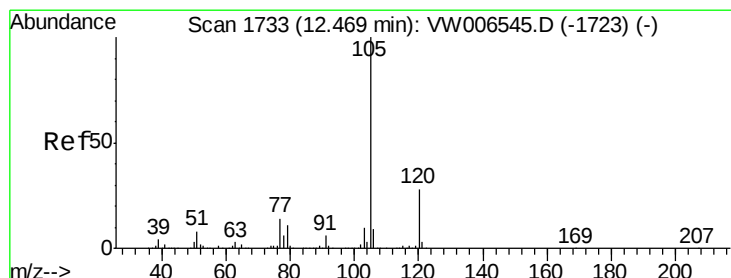
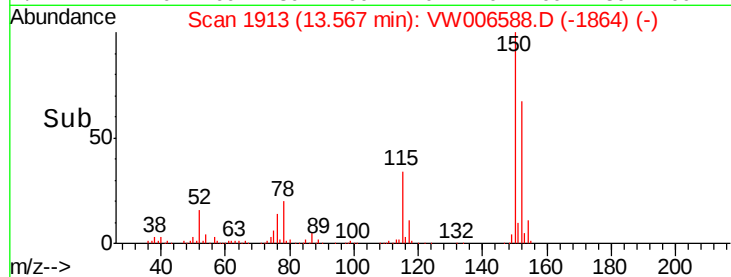
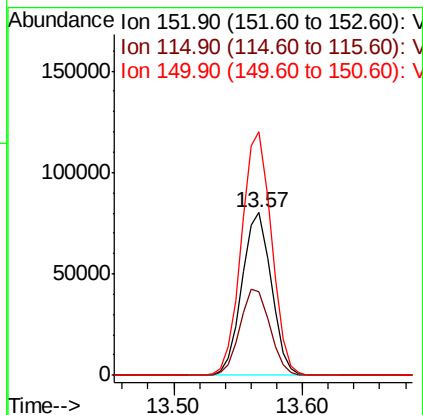
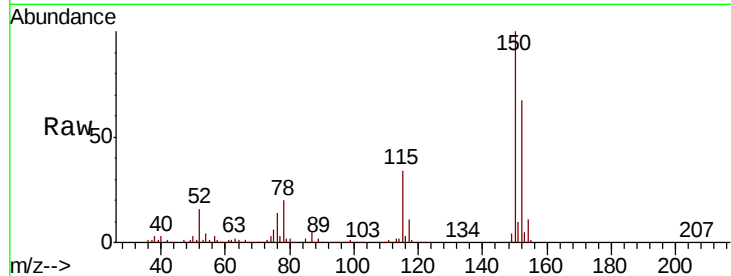


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006588.D
Acq: 02 Nov 2018 05:28

Instrument :
MSVOA_W
ClientSampleId :
RBR-200036RE

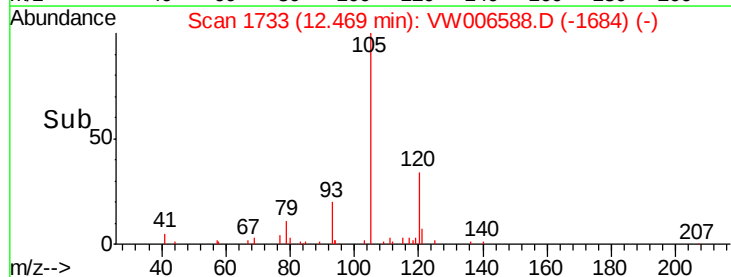
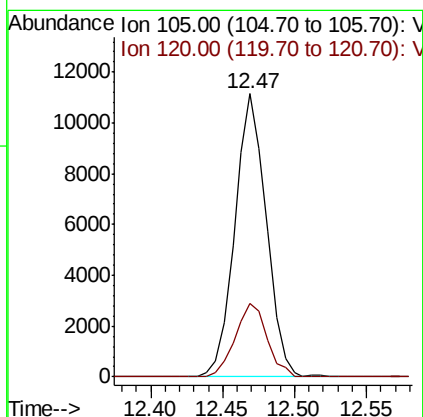
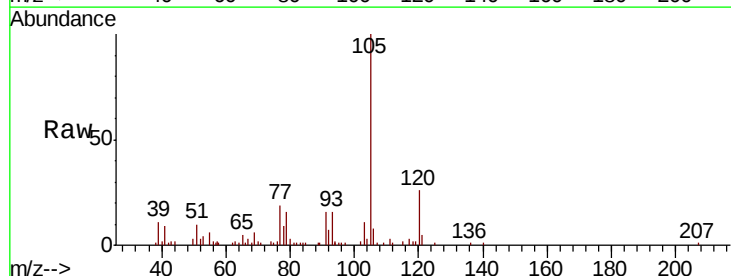
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	26.6	79.8
150	152.7	0.0	344.6

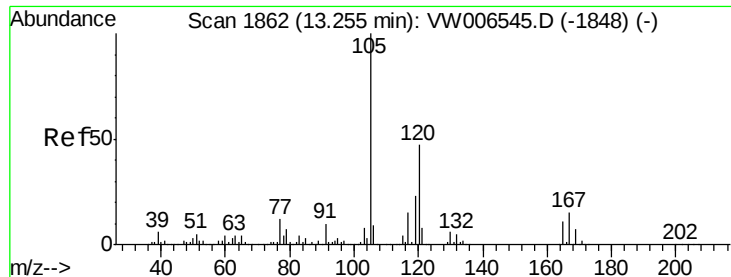


#73

Isopropylbenzene
Concen: 2.038 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006588.D
Acq: 02 Nov 2018 05:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.7	41.1

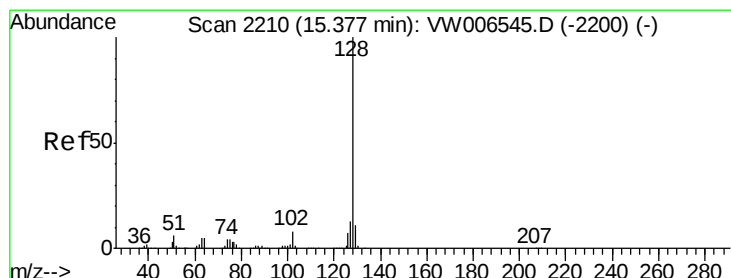
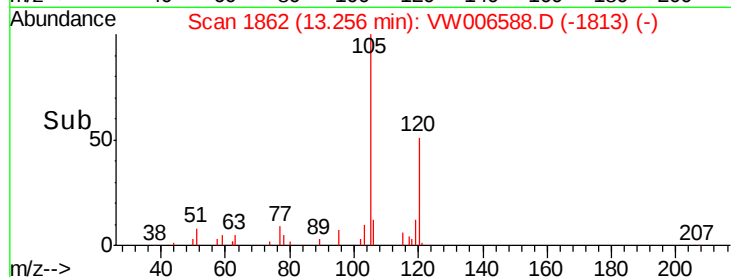
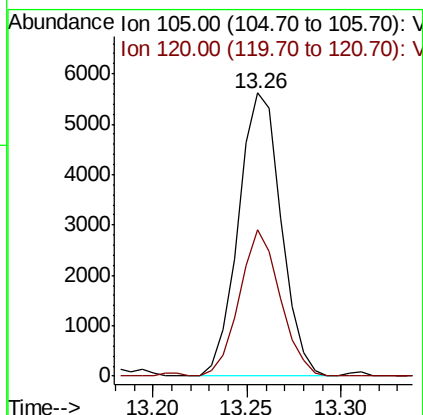
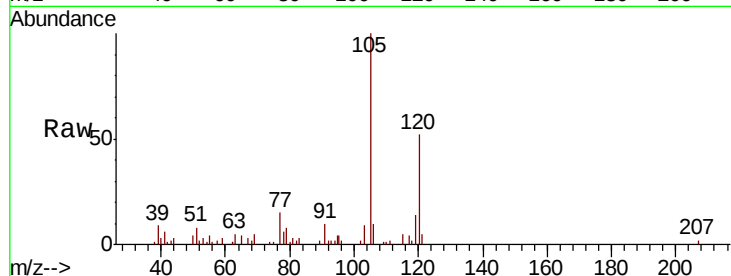




#84
 1,2,4-Trimethylbenzene
 Concen: 1.234 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006588.D
 Acq: 02 Nov 2018 05:28

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200036RE

Tot Ion:105 Resp: 8824
 Ion Ratio Lower Upper
 105 100
 120 49.3 23.2 69.6



#95
 Naphthalene
 Concen: 19.148 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006588.D
 Acq: 02 Nov 2018 05:28

Tgt Ion:128 Resp: 87099
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.3 15.5
 129 11.0 8.7 13.1

