

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110818\
 Data File : VW006776.D
 Acq On : 08 Nov 2018 19:41
 Operator : SY/AP
 Sample : J5745-19RE
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 8BRE

Quant Time: Nov 09 12:01:05 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

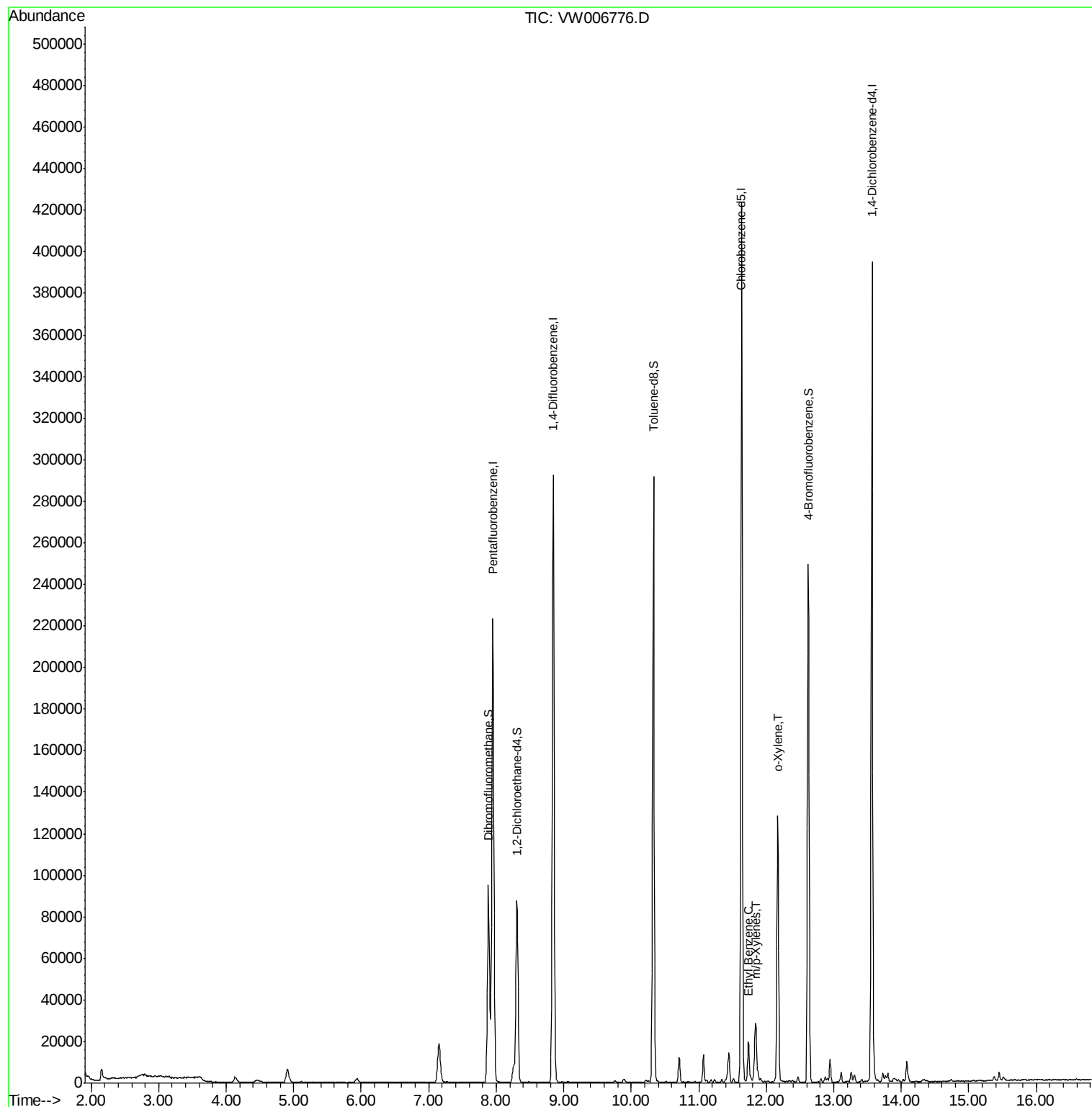
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	181411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	266924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	247387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	114268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	68820	44.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.26%	
35) Dibromofluoromethane	7.88	113	66564	39.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.48%	
50) Toluene-d8	10.33	98	207008	32.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.92%	
62) 4-Bromofluorobenzene	12.62	95	69160	29.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.82%	
Target Compounds						
67) Ethyl Benzene	11.73	91	12961	1.490	ug/l	98
68) m/p-Xylenes	11.84	106	8994	2.587	ug/l	97
69) o-Xylene	12.17	106	33637	10.164	ug/l	97

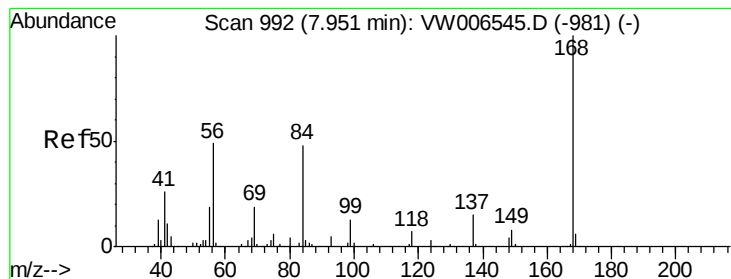
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006776.D

Acq: 08 Nov 2018 19:41

Instrument :

MSVOA_W

ClientSampled :

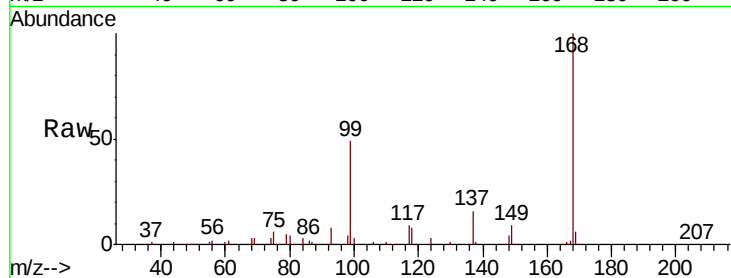
8BRE

Tot Ion:168 Resp: 181411

Ion Ratio Lower Upper

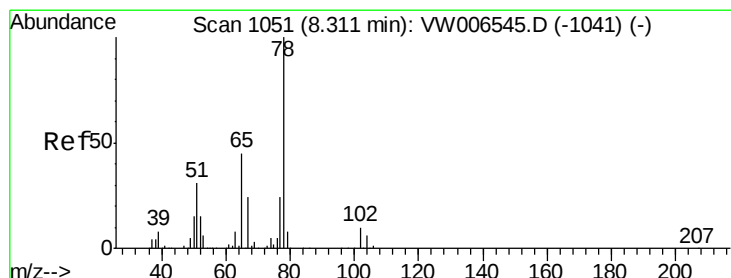
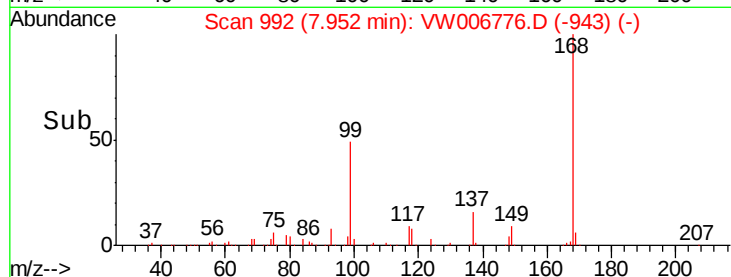
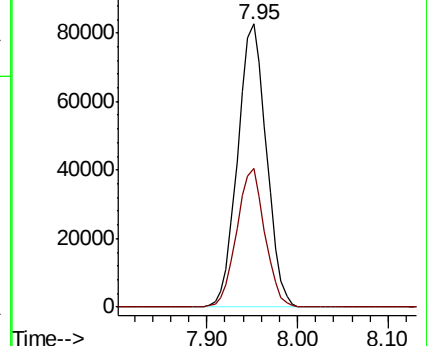
168 100

99 48.9 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 44.132 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006776.D

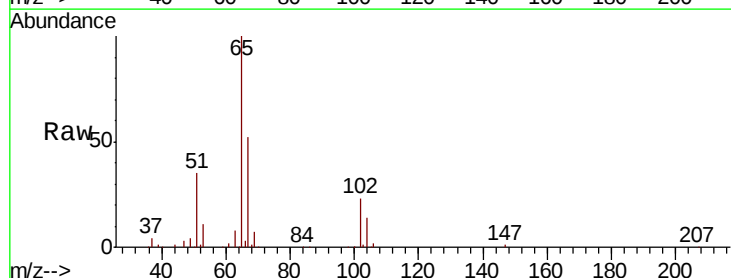
Acq: 08 Nov 2018 19:41

Tgt Ion: 65 Resp: 68820

Ion Ratio Lower Upper

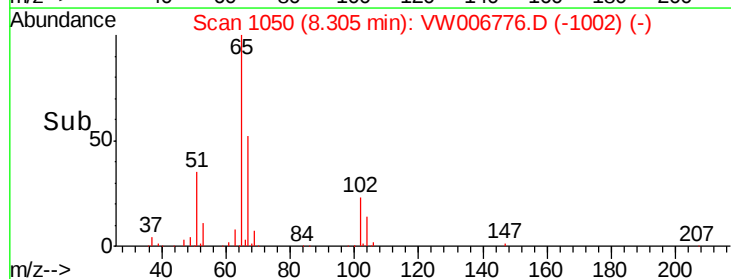
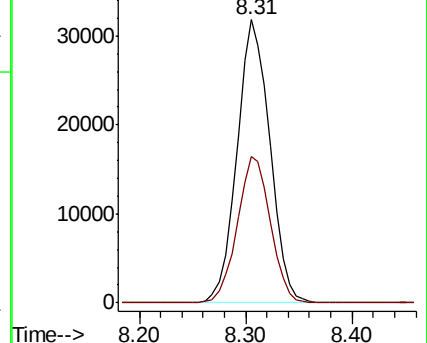
65 100

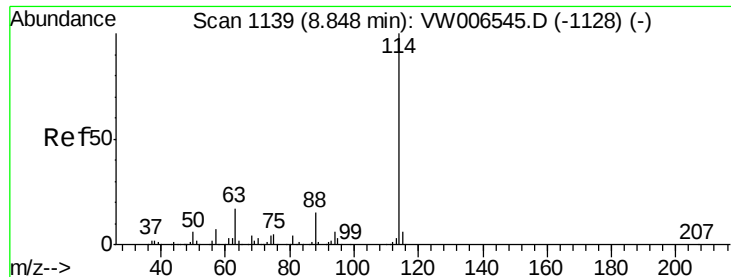
67 52.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

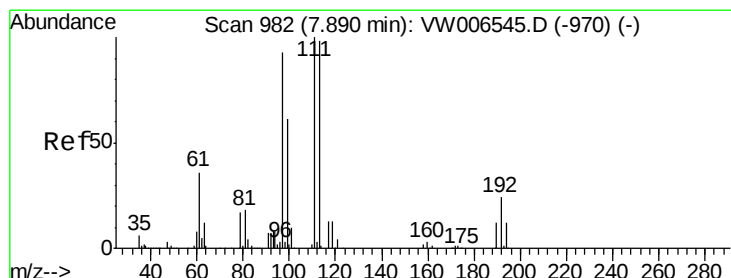
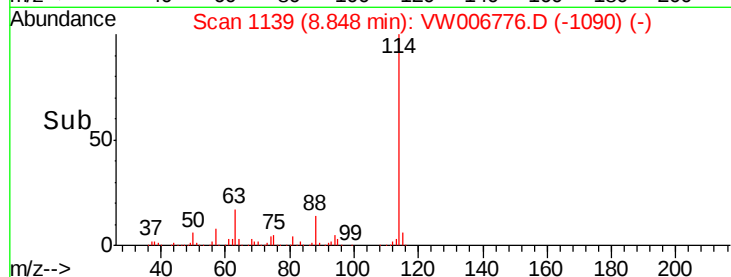
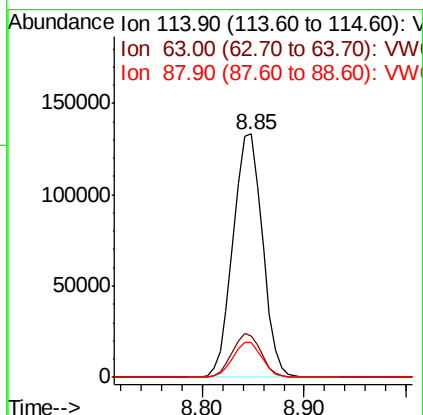
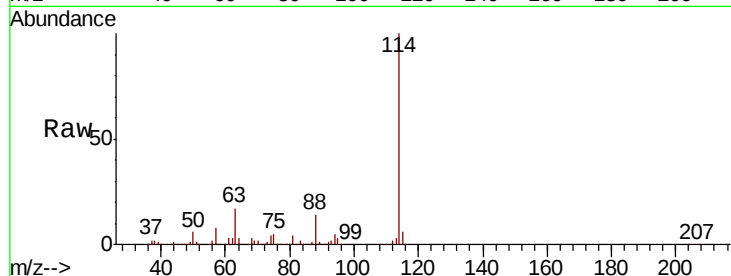




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006776.D
 Acq: 08 Nov 2018 19:41

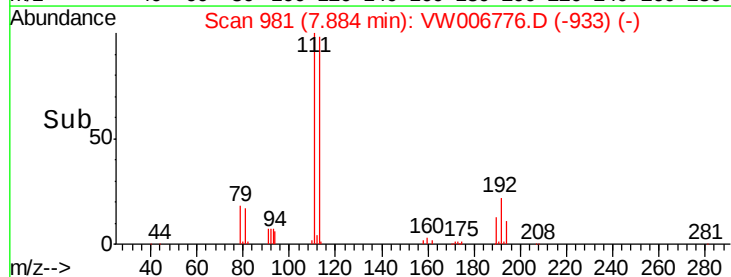
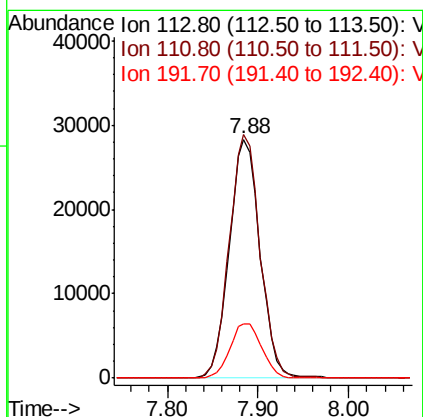
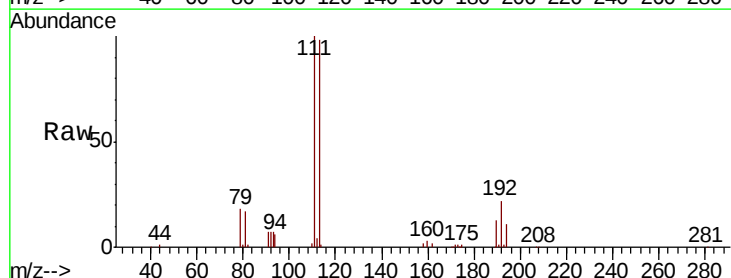
Instrument :
 MSVOA_W
 ClientSampleId :
 8BRE

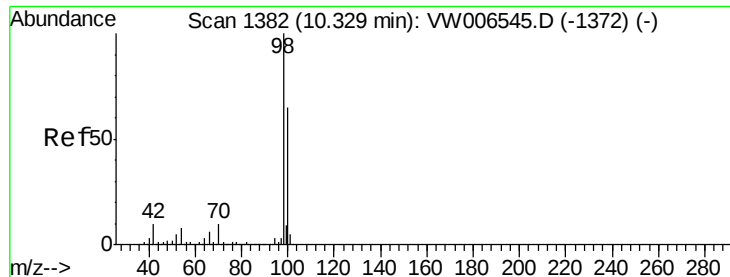
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	34.4
88	14.4	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 39.736 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006776.D
 Acq: 08 Nov 2018 19:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	23.6	19.0	28.6





#50

Toluene-d8

Concen: 32.461 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006776.D

Acq: 08 Nov 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

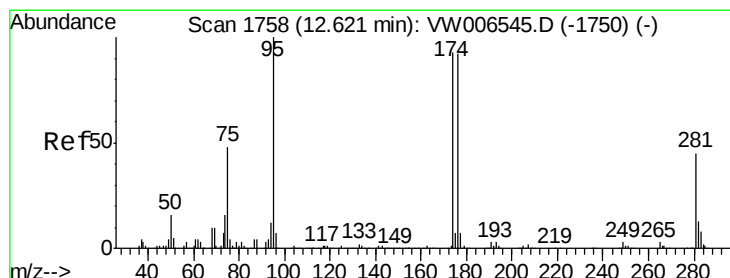
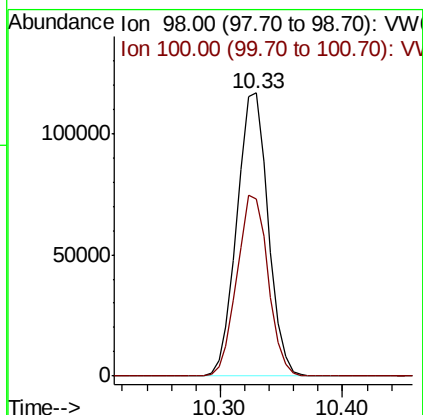
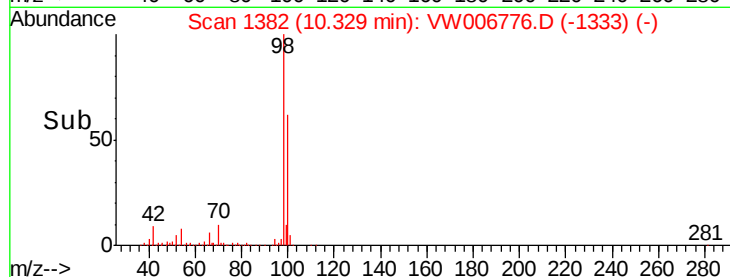
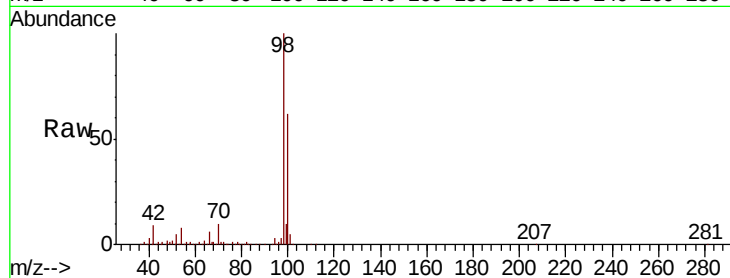
8BRE

Tot Ion: 98 Resp: 207008

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 29.915 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006776.D

Acq: 08 Nov 2018 19:41

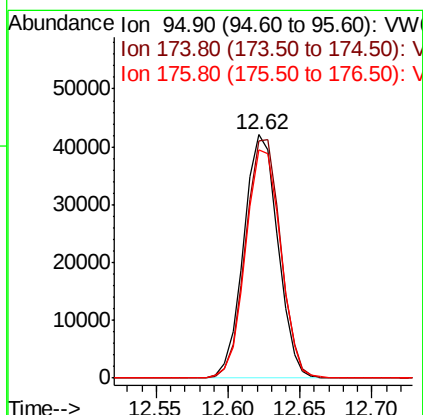
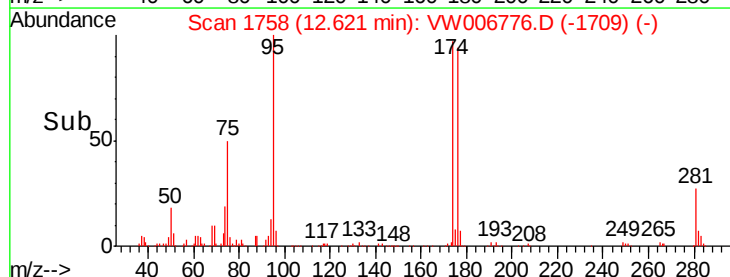
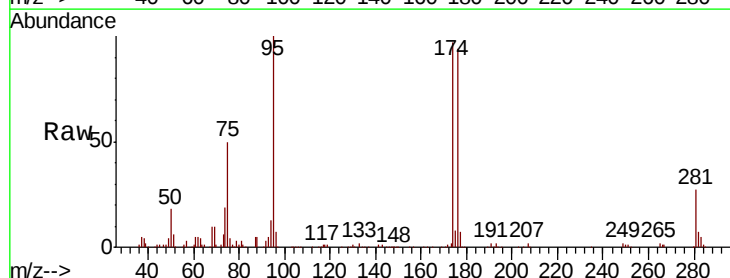
Tgt Ion: 95 Resp: 69160

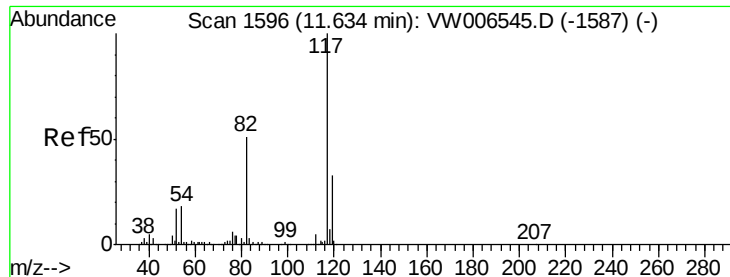
Ion Ratio Lower Upper

95 100

174 100.3 0.0 192.4

176 96.3 0.0 187.4

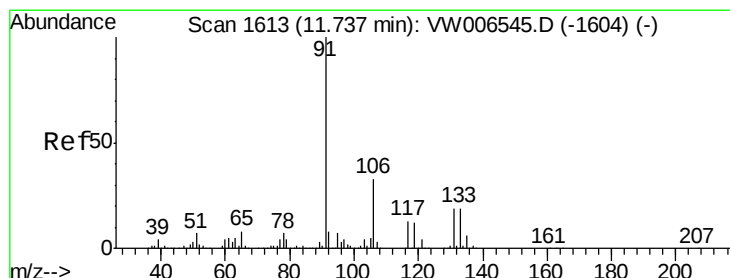
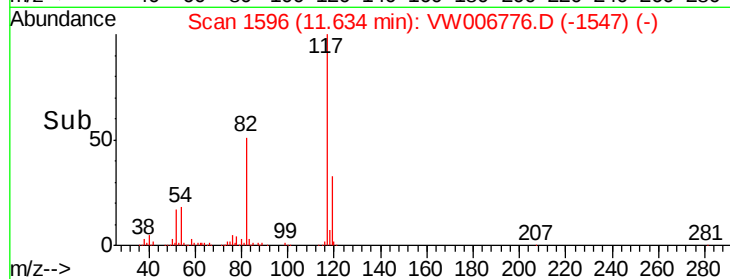
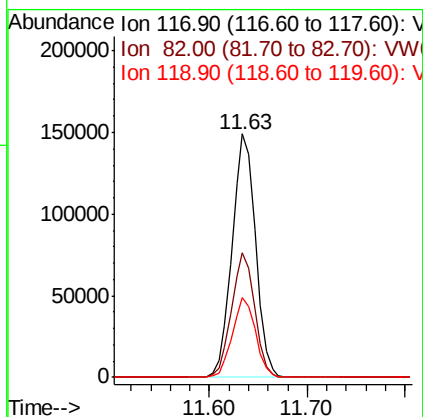
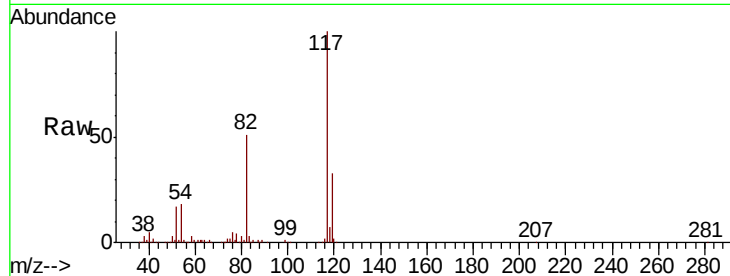




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006776.D
Acq: 08 Nov 2018 19:41

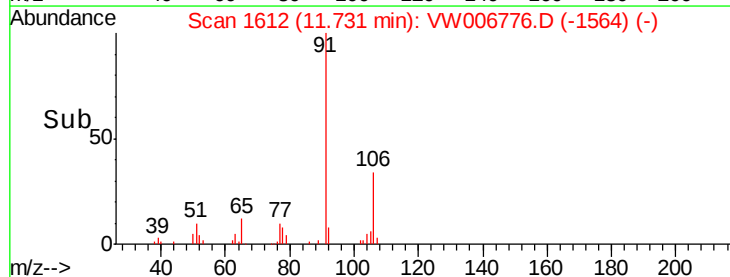
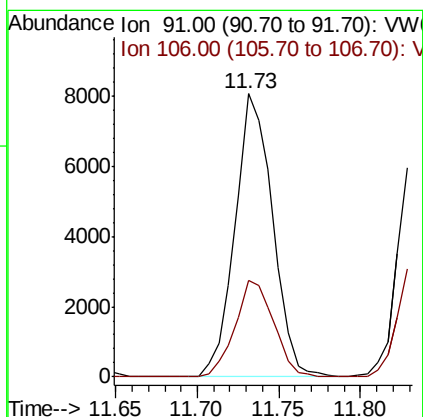
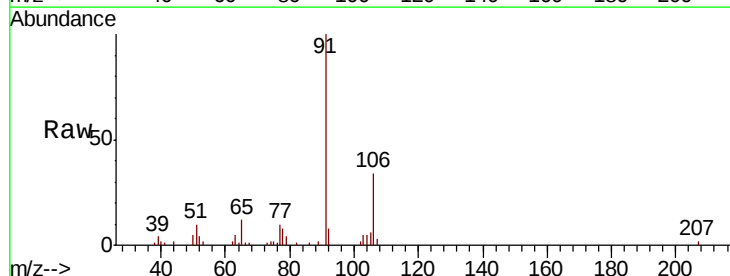
Instrument :
MSVOA_W
ClientSampleId :
8BRE

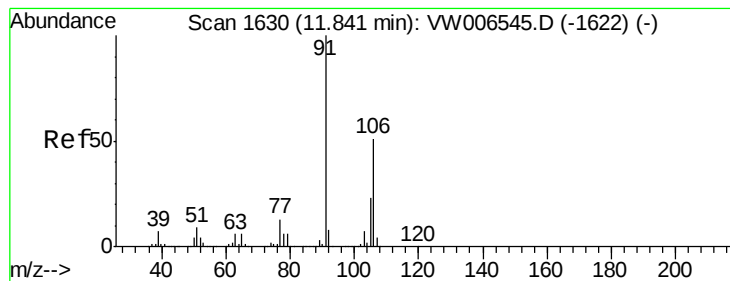
Tot Ion:117 Resp: 247387
Ion Ratio Lower Upper
117 100
82 50.9 40.8 61.2
119 32.8 26.1 39.1



#67
Ethyl Benzene
Concen: 1.490 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006776.D
Acq: 08 Nov 2018 19:41

Tgt Ion: 91 Resp: 12961
Ion Ratio Lower Upper
91 100
106 34.1 26.3 39.5





#68

m/p-Xylenes

Concen: 2.587 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW006776.D

Acq: 08 Nov 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

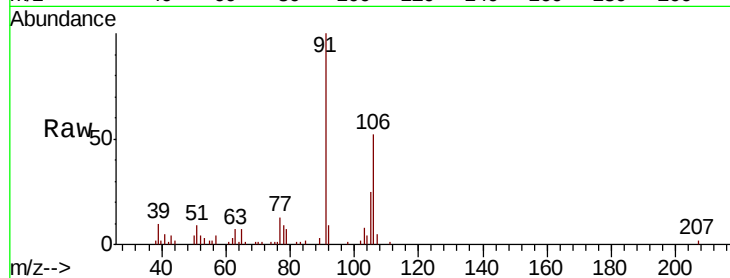
8BRE

Tot Ion:106 Resp: 8994

Ion Ratio Lower Upper

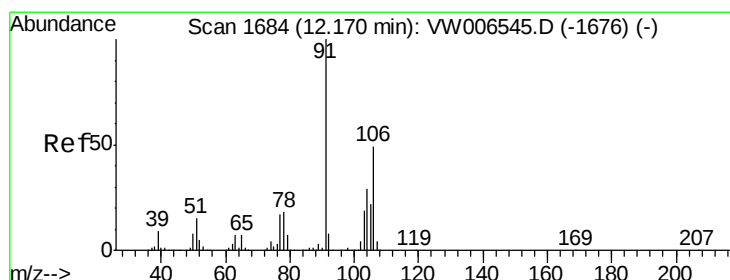
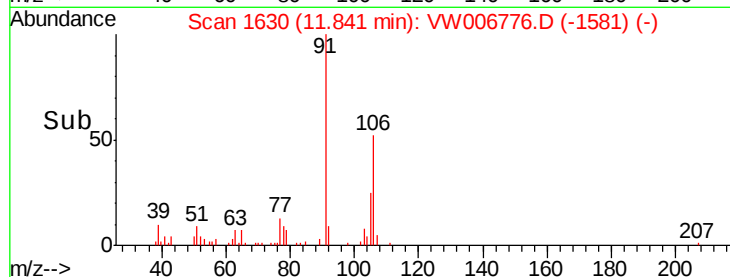
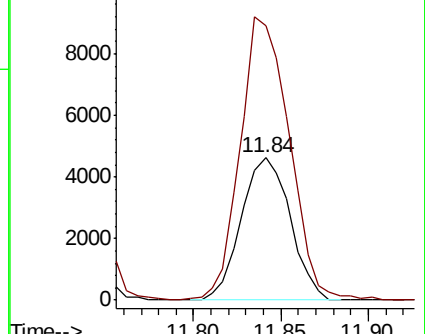
106 100

91 200.1 156.7 235.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 10.164 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW006776.D

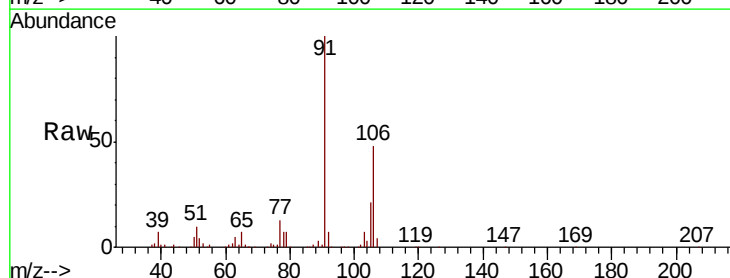
Acq: 08 Nov 2018 19:41

Tgt Ion:106 Resp: 33637

Ion Ratio Lower Upper

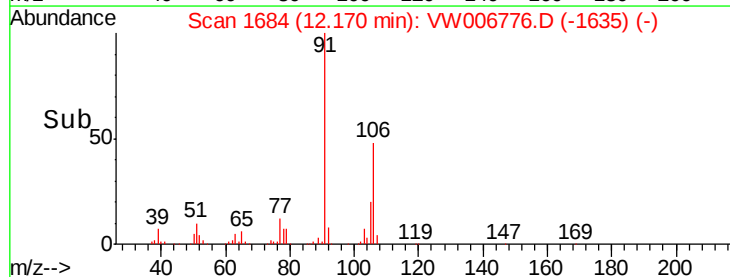
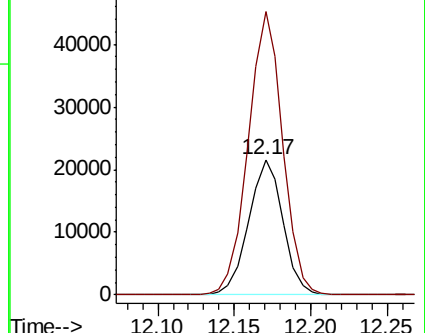
106 100

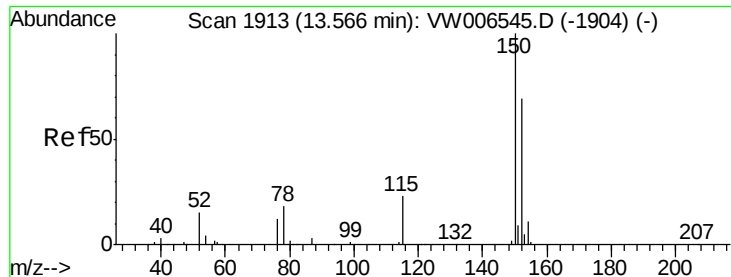
91 210.5 102.8 308.4



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: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006776.D

Acq: 08 Nov 2018 19:41

Instrument :

MSVOA_W

ClientSampleId :

8BRE

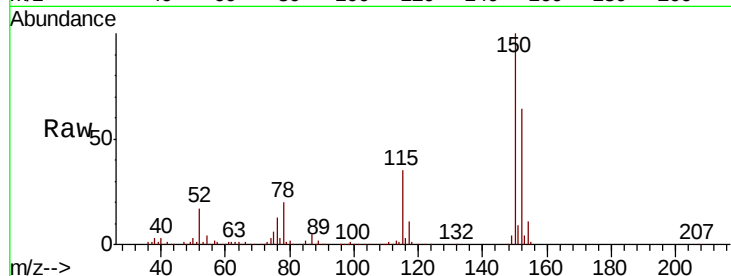
Tot Ion:152 Resp: 114268

Ion Ratio Lower Upper

152 100

115 53.9 26.6 79.8

150 155.8 0.0 344.6



Abundance Ion 151.90 (151.60 to 152.60): V

150000 Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

