

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004882.D
 Acq On : 22 Aug 2018 10:53
 Operator : SY/AP
 Sample : J4271-09RE
 Misc : 6.48G/5ML/MSVOA W/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-082018-ARE

Quant Time: Aug 22 12:39:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	129161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	188640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	7562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	29782	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	67140	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
35) Dibromofluoromethane	7.89	113	62079	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
50) Toluene-d8	10.33	98	2692	0.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.14%	
62) 4-Bromofluorobenzene	12.62	95	7376	4.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.72%	

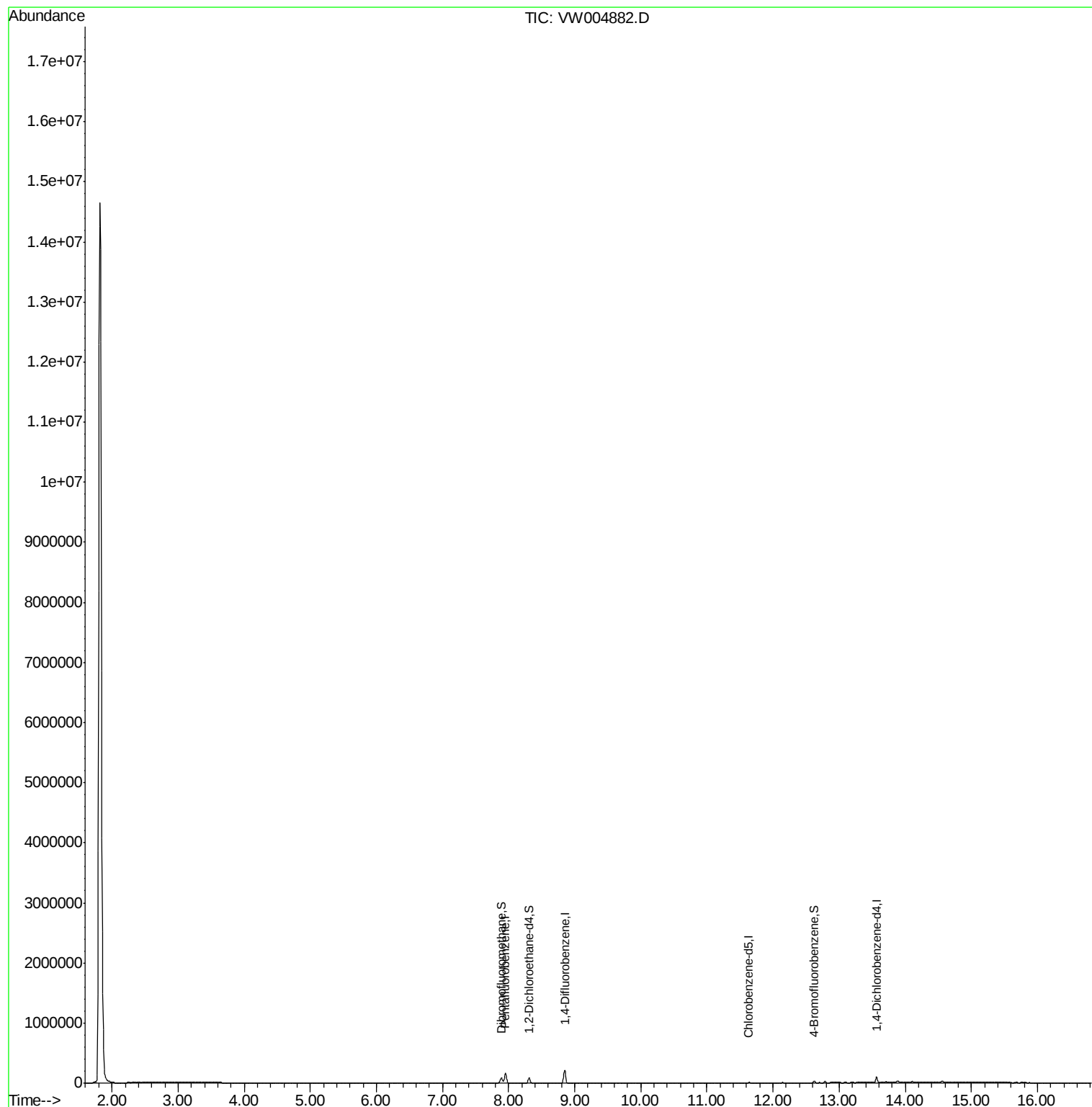
Target Compounds	Qvalue

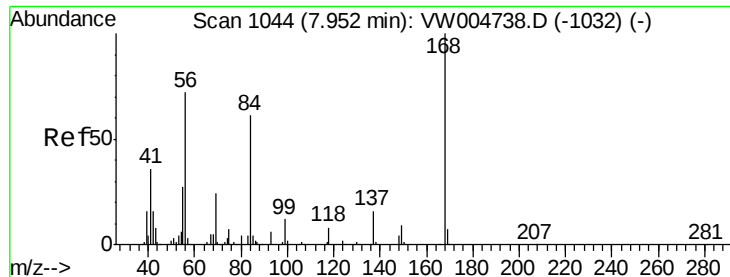
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004882.D

Acq: 22 Aug 2018 10:53

Instrument :

MSVOA_W

ClientSampleId :

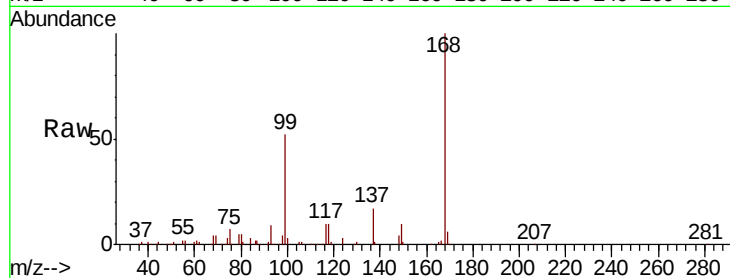
HR-06-082018-ARE

Tot Ion:168 Resp: 129161

Ion Ratio Lower Upper

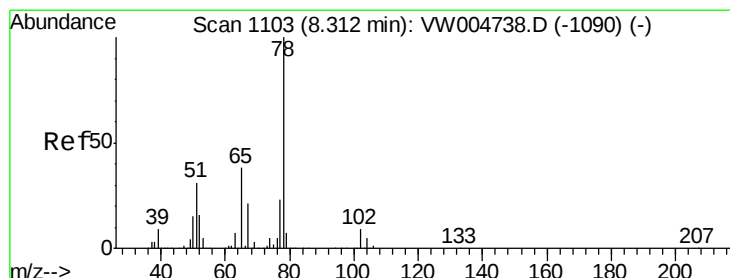
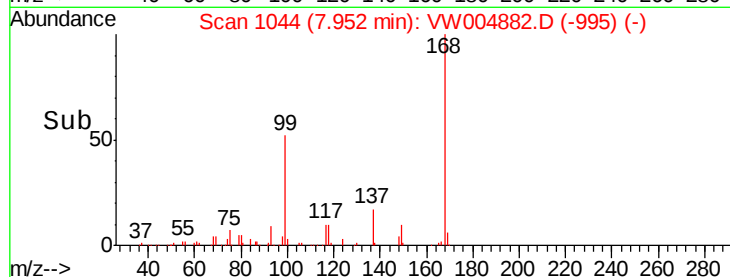
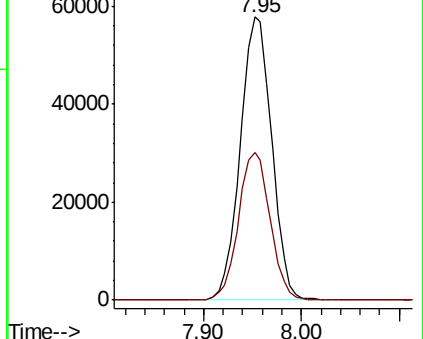
168 100

99 52.3 41.0 61.4



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: 53.77 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004882.D

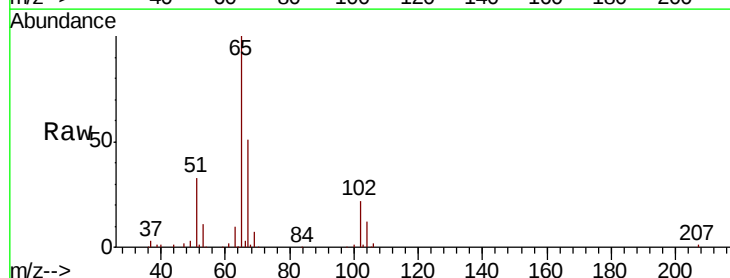
Acq: 22 Aug 2018 10:53

Tgt Ion: 65 Resp: 67140

Ion Ratio Lower Upper

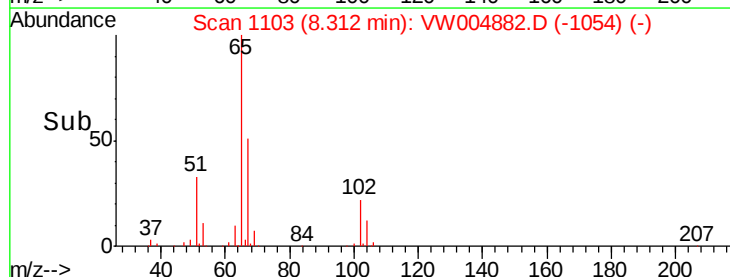
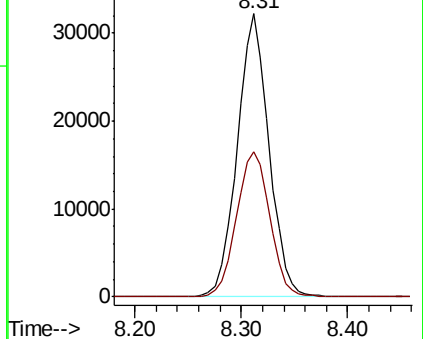
65 100

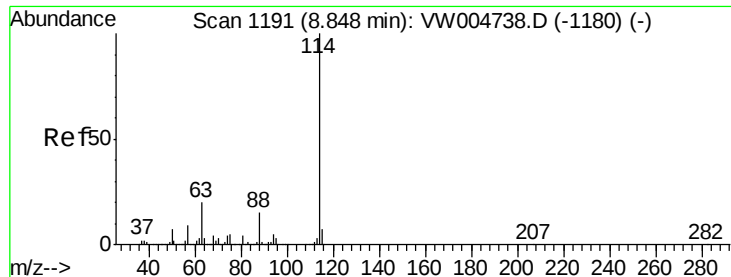
67 54.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

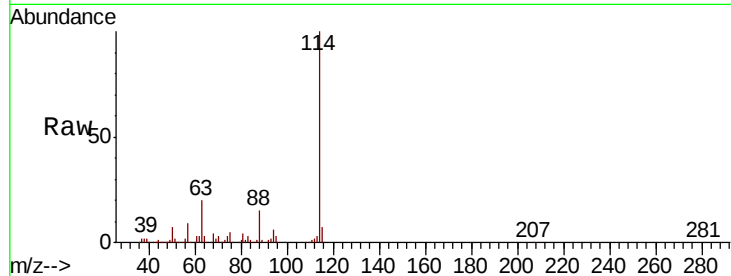




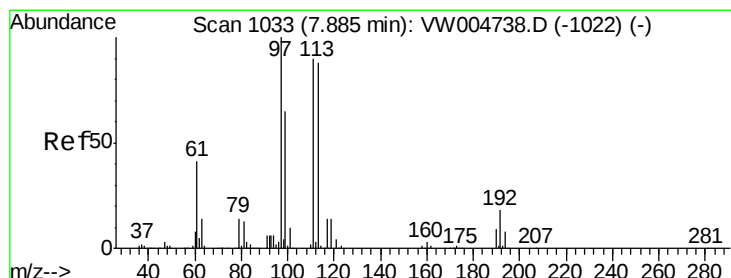
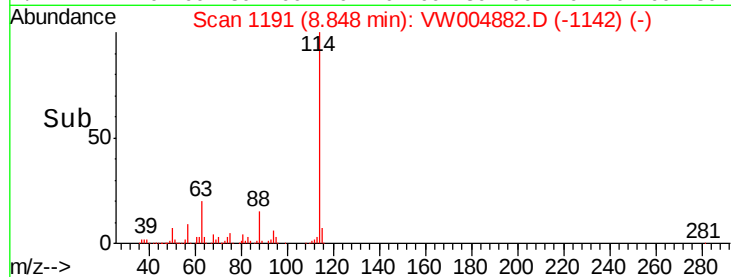
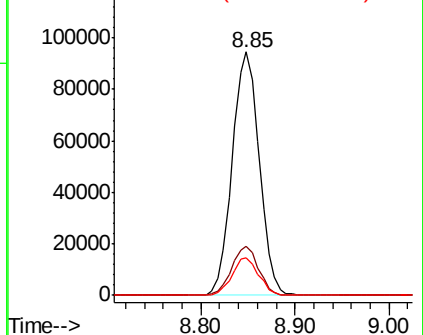
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004882.D
 Acq: 22 Aug 2018 10:53

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-06-082018-ARE

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	15.5	0.0	30.0

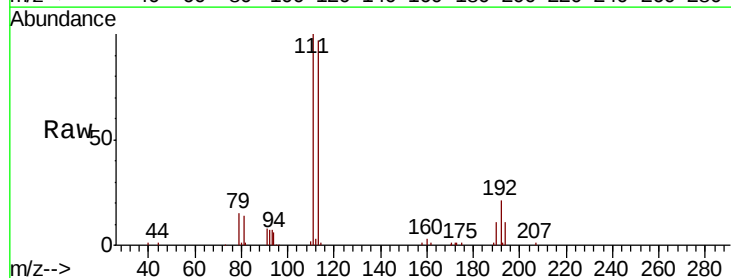


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

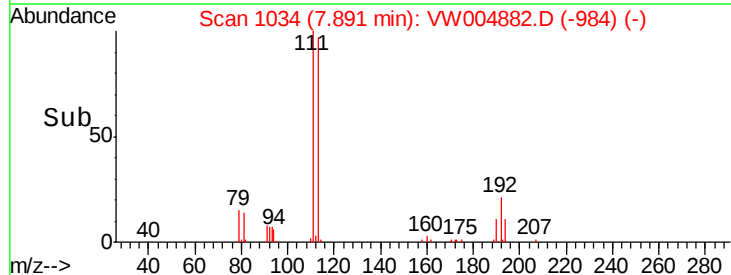
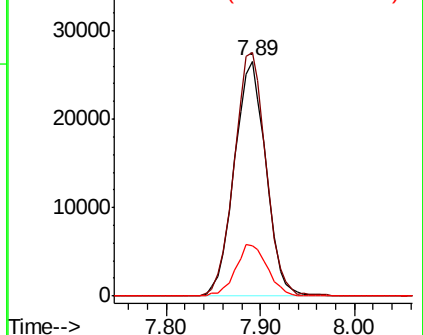


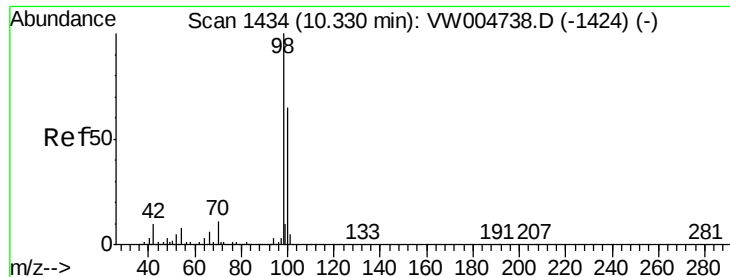
#35
 Dibromofluoromethane
 Concen: 51.49 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004882.D
 Acq: 22 Aug 2018 10:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.4	123.6
192	22.2	16.7	25.1



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: 0.57 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004882.D

Acq: 22 Aug 2018 10:53

Instrument :

MSVOA_W

ClientSampleId :

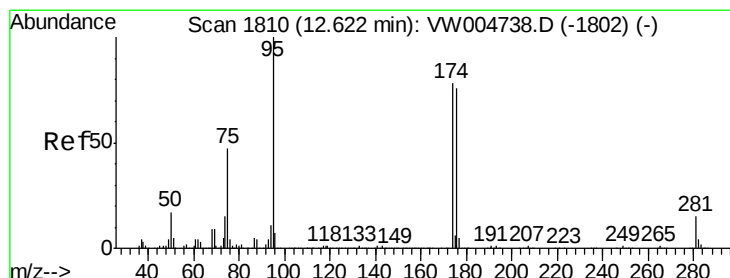
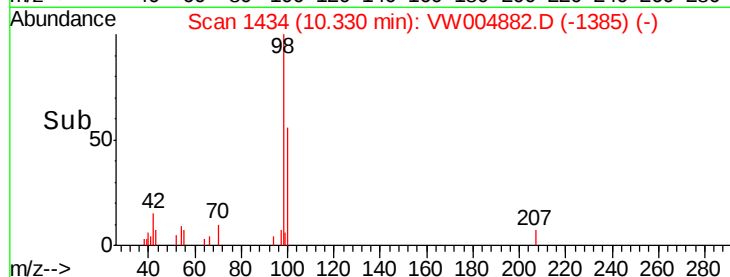
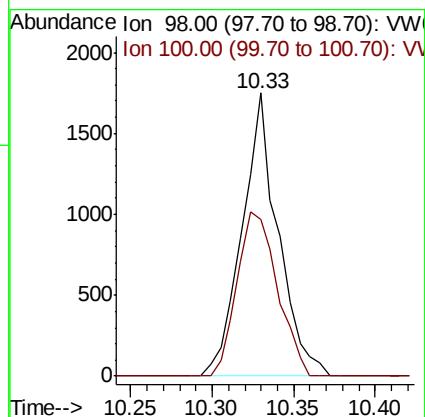
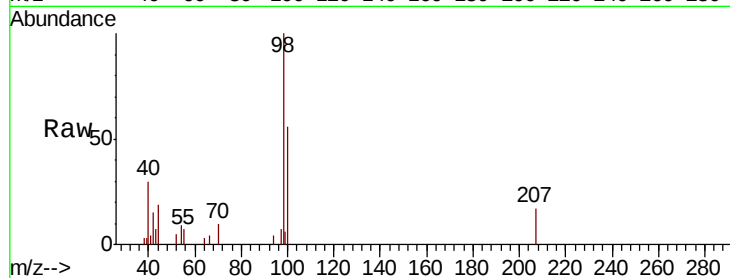
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Tot Ion: 98 Resp: 2692

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 4.36 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004882.D

Acq: 22 Aug 2018 10:53

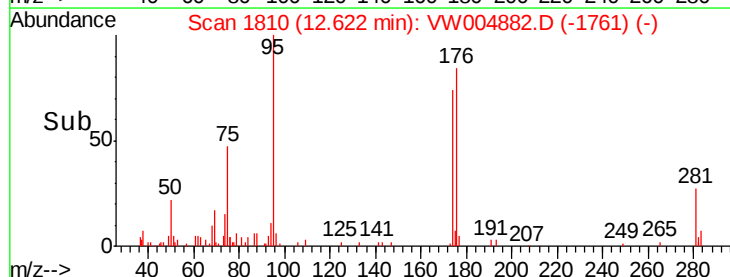
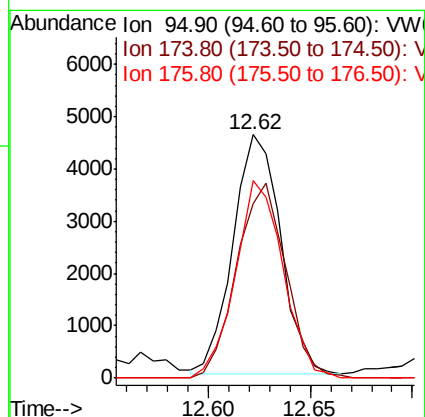
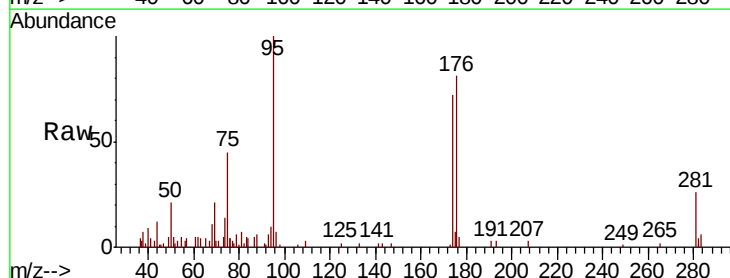
Tgt Ion: 95 Resp: 7376

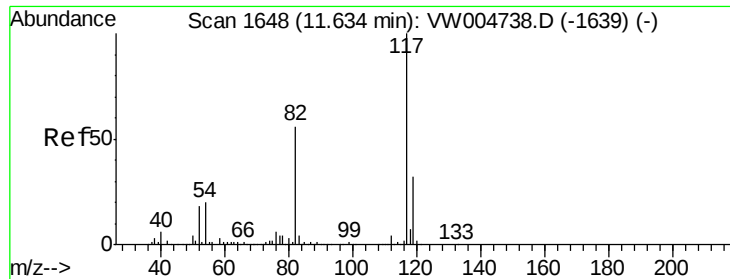
Ion Ratio Lower Upper

95 100

174 84.6 0.0 165.8

176 83.0 0.0 159.8

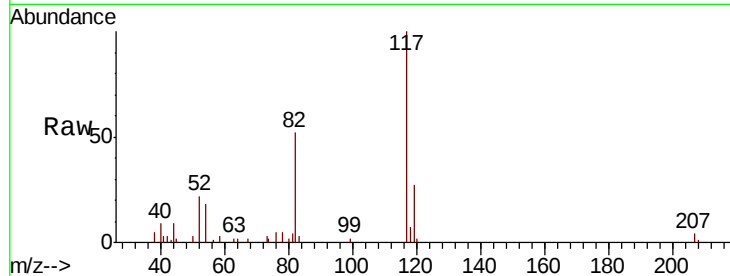




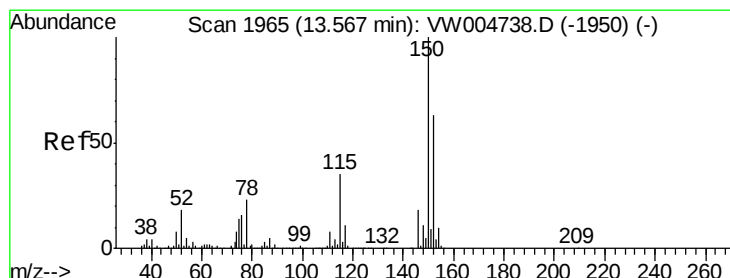
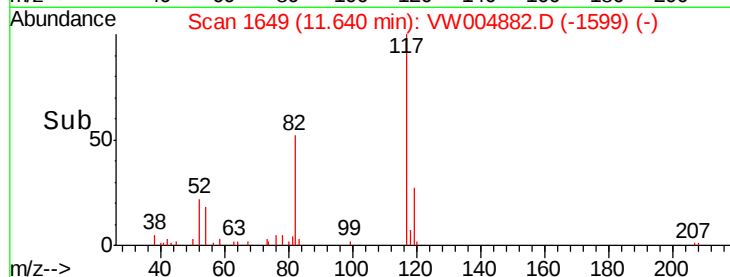
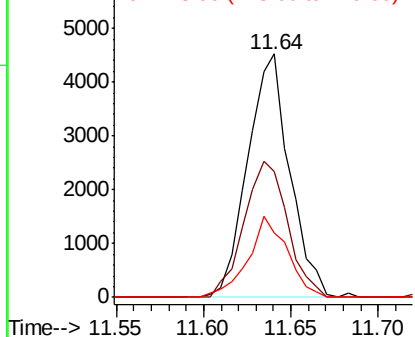
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004882.D
Acq: 22 Aug 2018 10:53

Instrument :
MSVOA_W
ClientSampleId :
HR-06-082018-ARE

Tot Ion:117 Resp: 7562
Ion Ratio Lower Upper
117 100
82 51.7 44.6 67.0
119 26.5 25.6 38.4

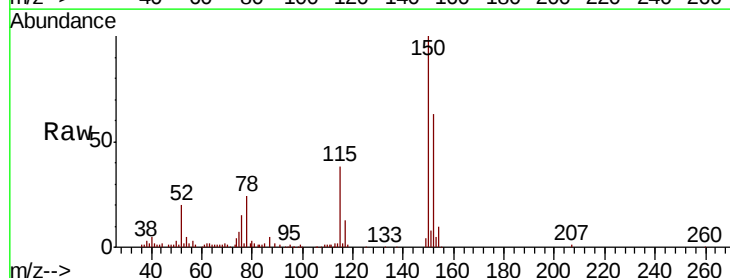


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004882.D
Acq: 22 Aug 2018 10:53

Tgt Ion:152 Resp: 29782
Ion Ratio Lower Upper
152 100
115 59.8 28.5 85.5
150 157.2 0.0 344.8



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

