

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005637.D
 Acq On : 26 Sep 2018 04:38
 Operator : VA/AP
 Sample : J4770-11RE
 Misc : 6.21G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-FRE

Quant Time: Sep 26 07:07:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	295470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	68967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	71082	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	80892	34.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.72%	
35) Dibromofluoromethane	7.89	113	65761	35.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.78%	
50) Toluene-d8	10.33	98	34614	4.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.16%	
62) 4-Bromofluorobenzene	12.62	95	32783	11.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	23.42%	

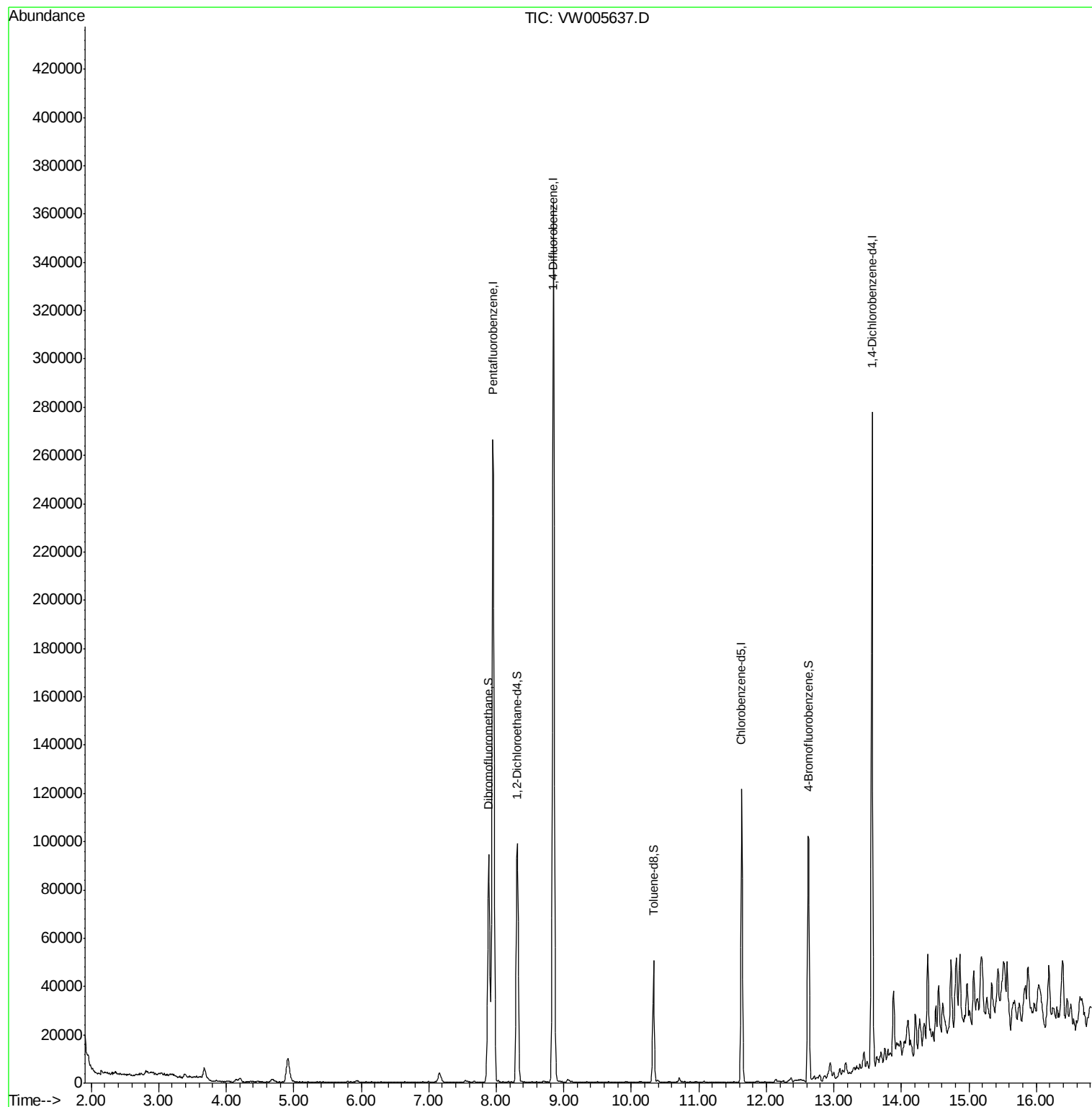
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005637.D

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Instrument :

MSVOA_W

ClientSampleId :

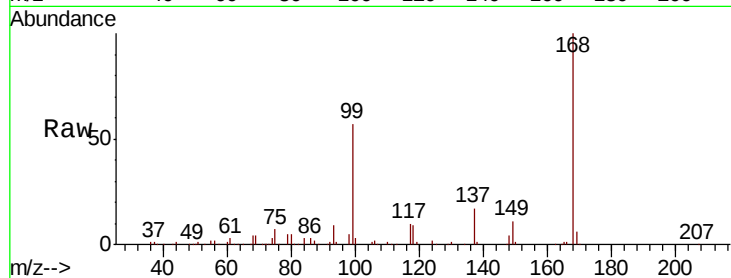
JC-02-092118-FRE

Tot Ion:168 Resp: 196975

Ion Ratio Lower Upper

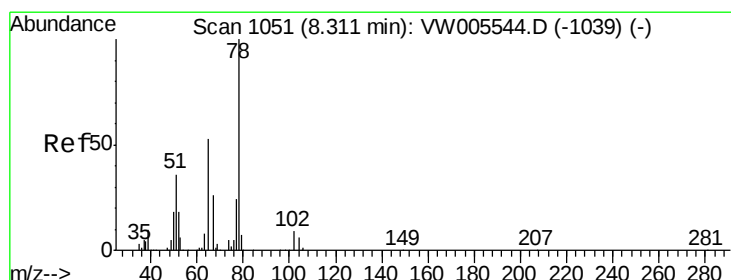
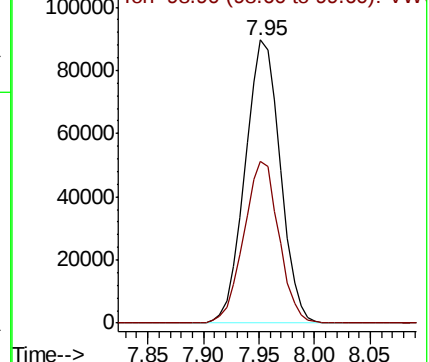
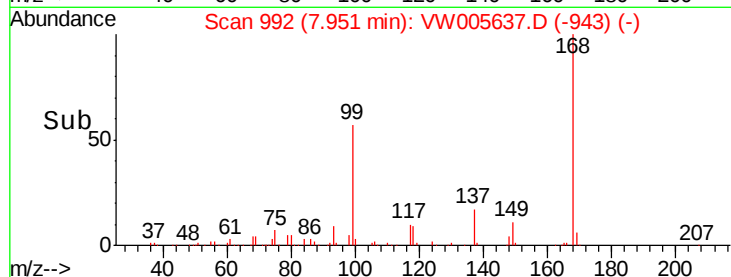
168 100

99 57.1 48.4 72.6



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: 34.860 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005637.D

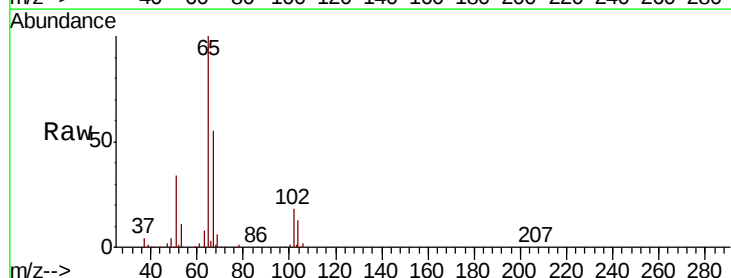
Acq: 26 Sep 2018 04:38

Tgt Ion: 65 Resp: 80892

Ion Ratio Lower Upper

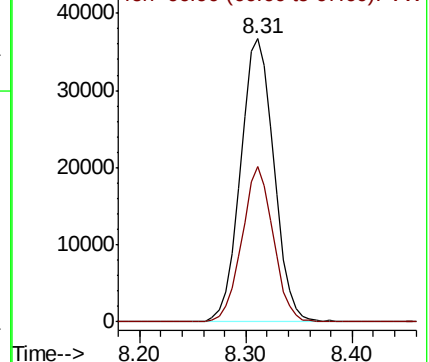
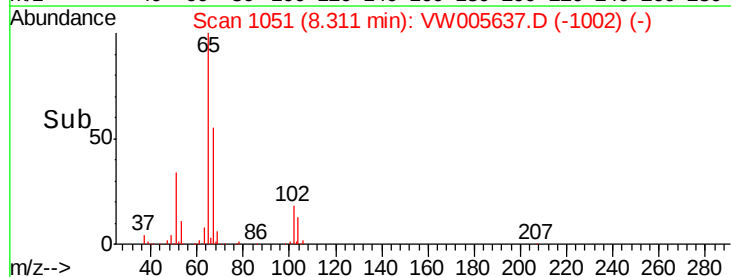
65 100

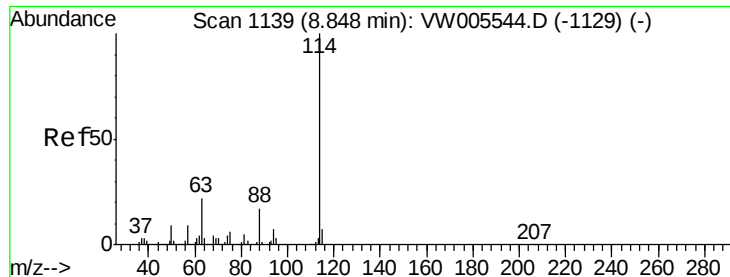
67 51.5 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

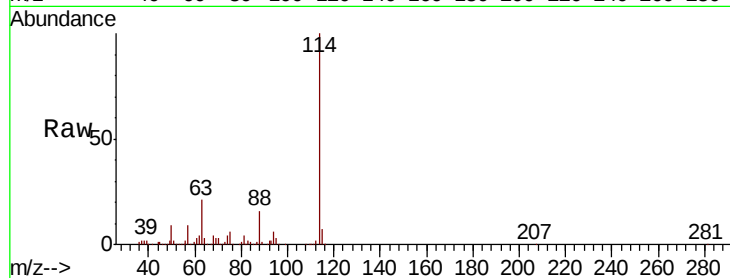




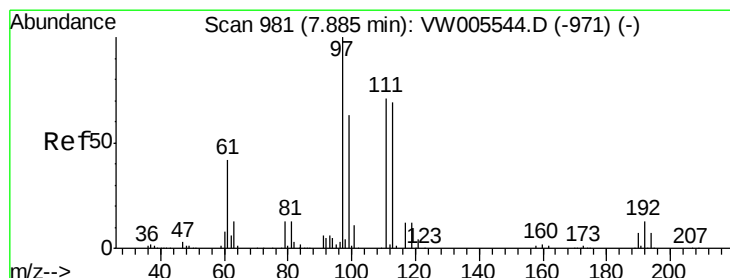
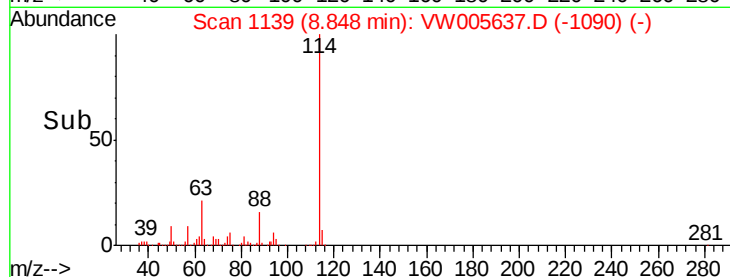
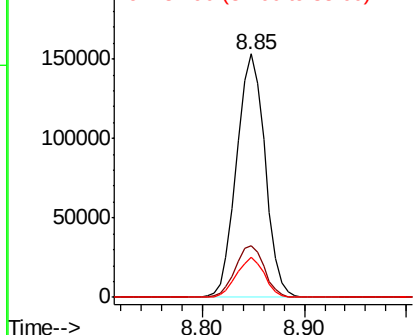
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005637.D
 Acq: 26 Sep 2018 04:38

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-FRE

Tot Ion:114 Resp: 295470
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.0
 88 16.4 0.0 33.0

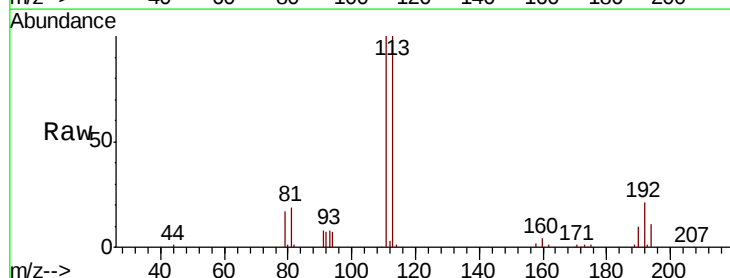


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

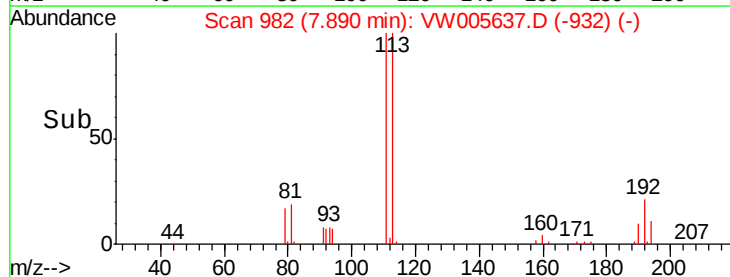
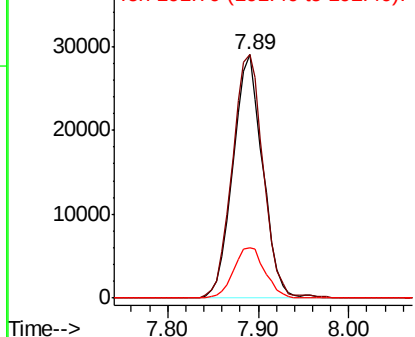


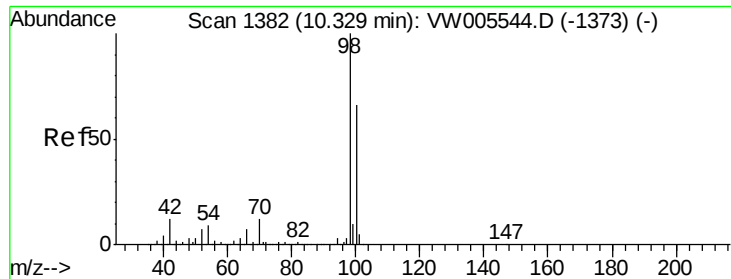
#35
 Dibromofluoromethane
 Concen: 35.392 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005637.D
 Acq: 26 Sep 2018 04:38

Tgt Ion:113 Resp: 65761
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.6 123.8
 192 21.9 17.0 25.4



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: 4.575 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005637.D

Acq: 26 Sep 2018 04:38

Instrument :

MSVOA_W

ClientSampleId :

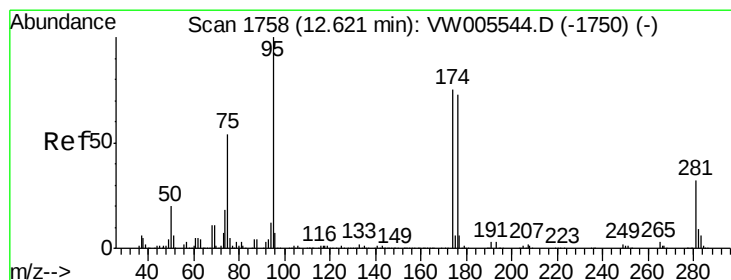
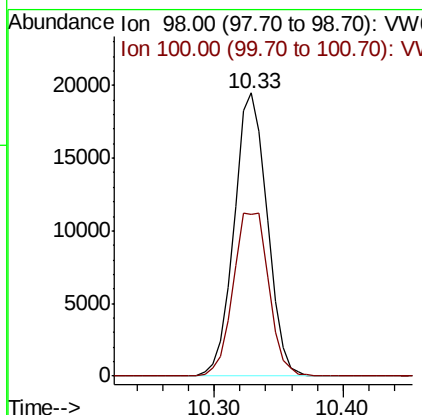
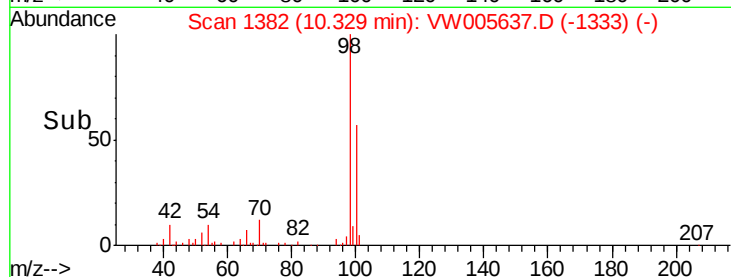
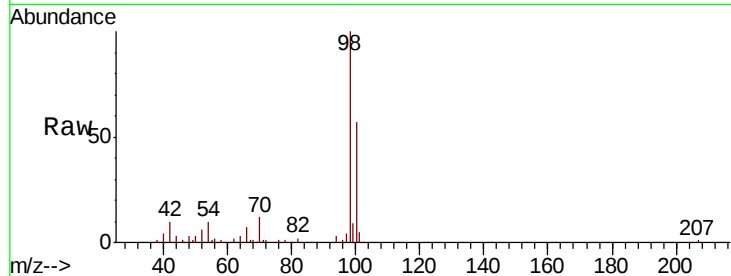
JC-02-092118-FRE

Tot Ion: 98 Resp: 34614

Ion Ratio Lower Upper

98 100

100 62.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 11.710 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005637.D

Acq: 26 Sep 2018 04:38

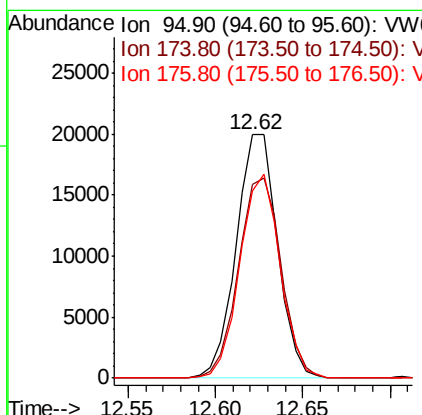
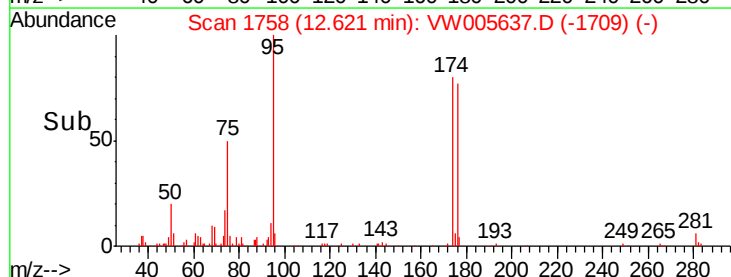
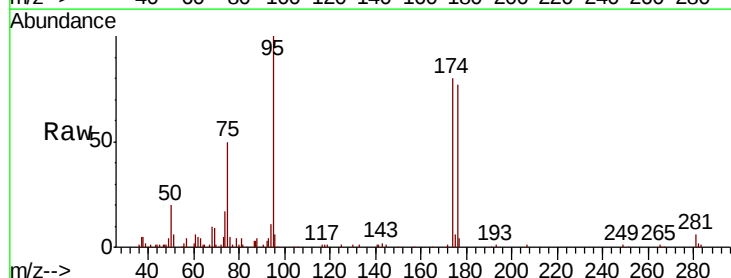
Tgt Ion: 95 Resp: 32783

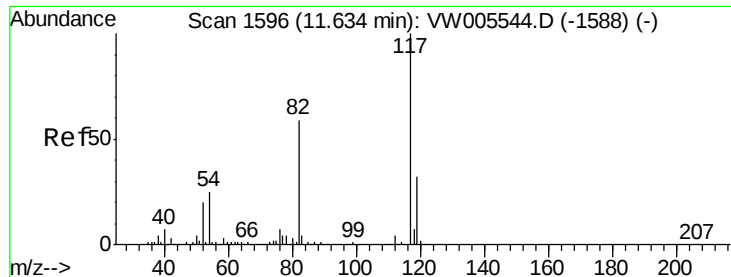
Ion Ratio Lower Upper

95 100

174 84.8 0.0 163.8

176 81.8 0.0 158.0

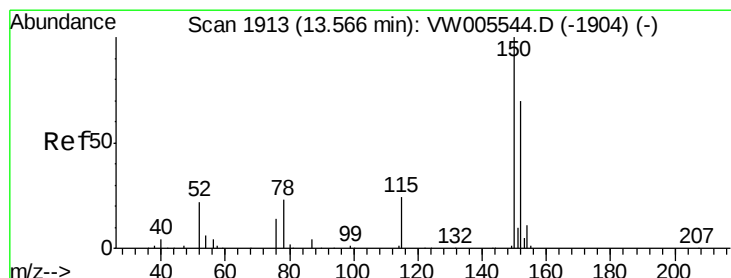
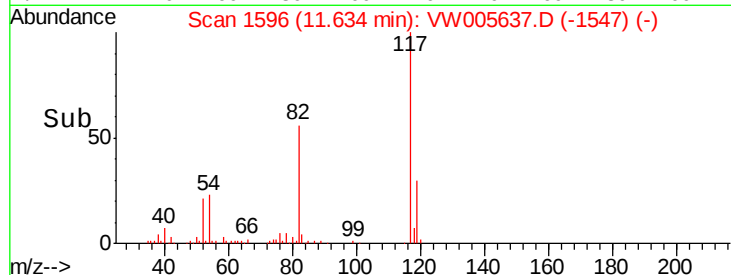
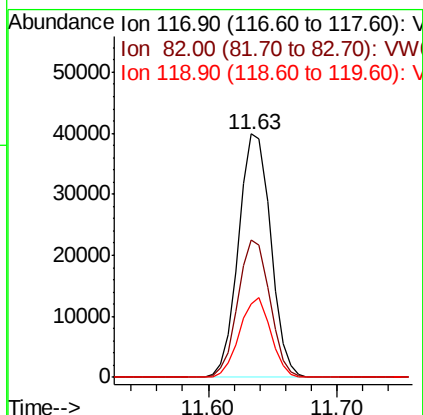
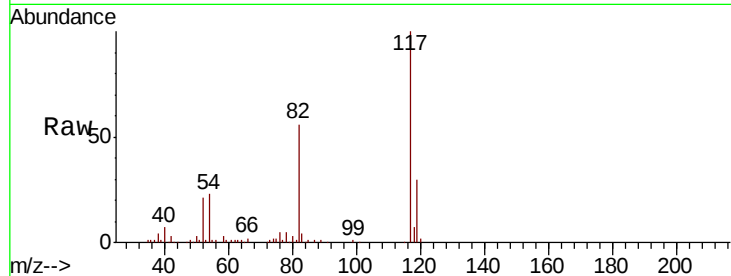




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005637.D
Acq: 26 Sep 2018 04:38

Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-FRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.9	70.3
119	30.2	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005637.D
Acq: 26 Sep 2018 04:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.0	90.0
150	155.7	0.0	348.6

