

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005584.D
 Acq On : 24 Sep 2018 14:56
 Operator : VA/AP
 Sample : J4777-29
 Misc : 6.44G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-04-092018-C

Quant Time: Sep 25 07:05:56 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	7.96	168	214622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	344740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	309453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	123426	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	75660	29.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.84%	
35) Dibromofluoromethane	7.89	113	62651	28.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.80%	
50) Toluene-d8	10.33	98	212076	24.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.04%	
62) 4-Bromofluorobenzene	12.63	95	69568	21.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.60%	

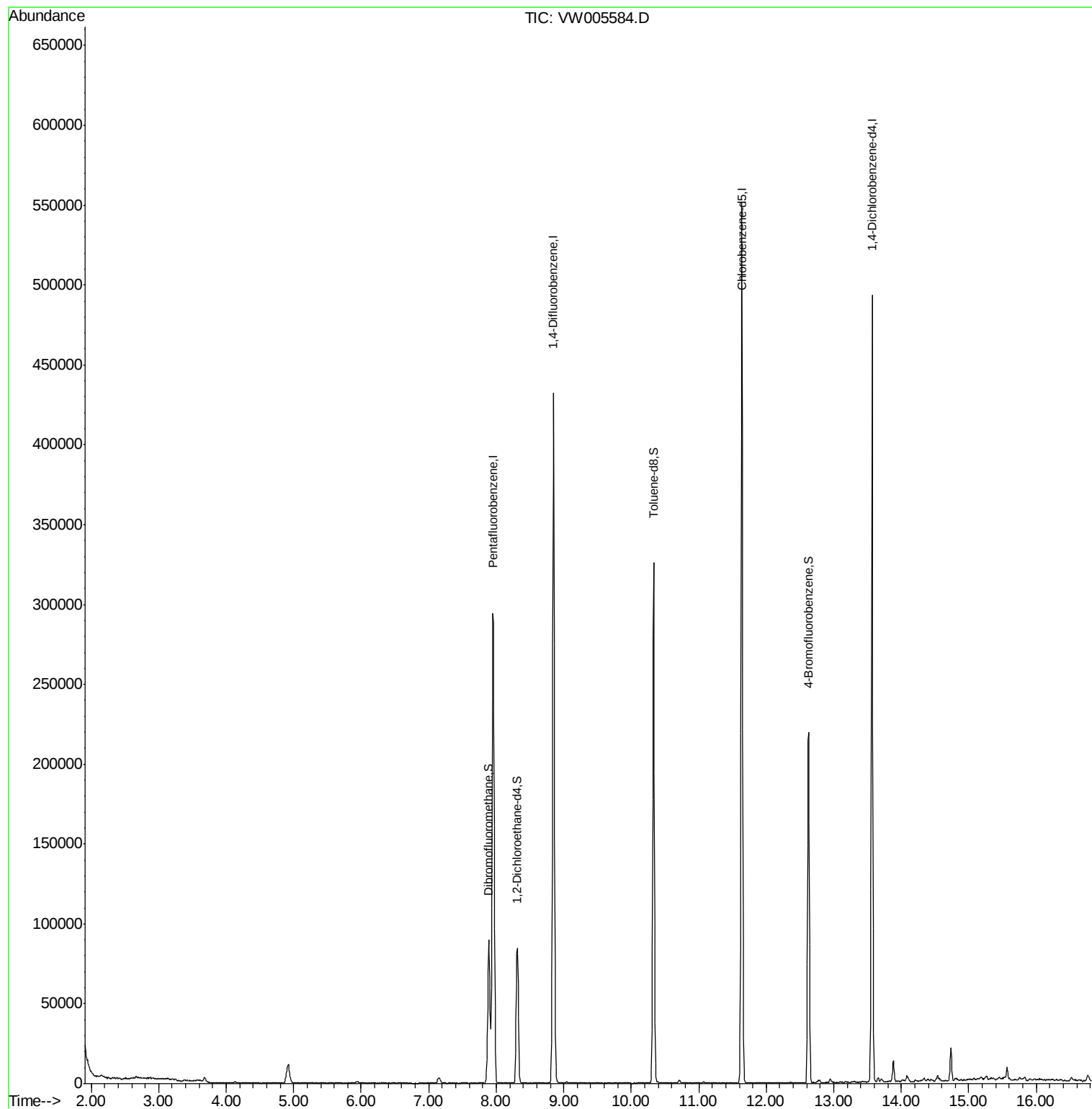
Target Compounds	Qvalue

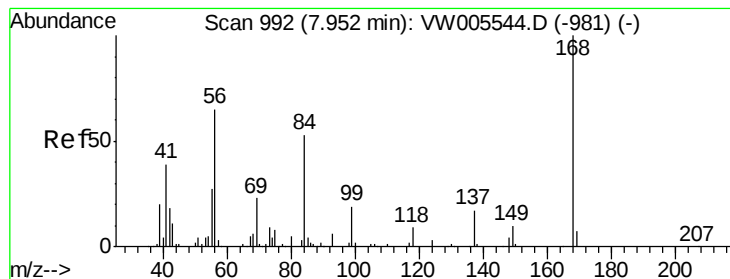
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005584.D

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Instrument :

MSVOA_W

ClientSampleId :

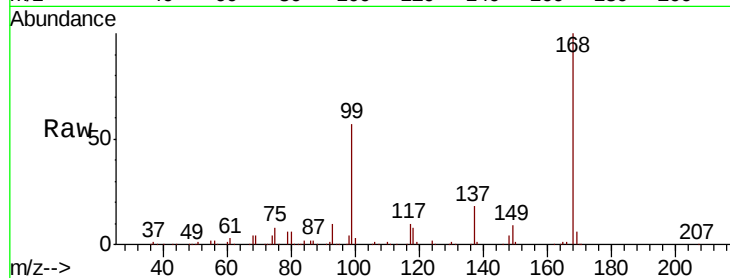
PL-04-092018-C

Tot Ion:168 Resp: 214622

Ion Ratio Lower Upper

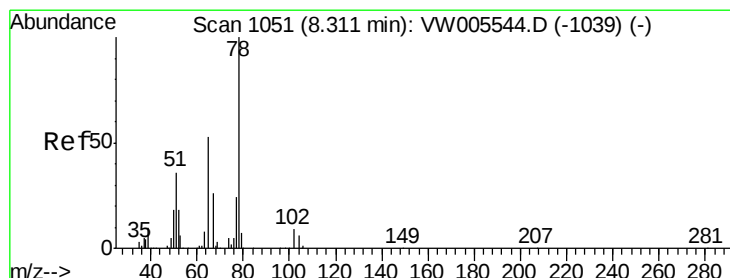
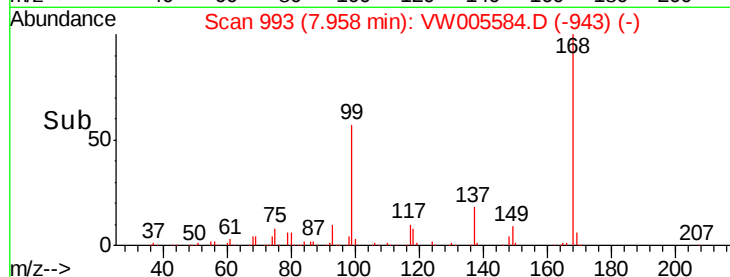
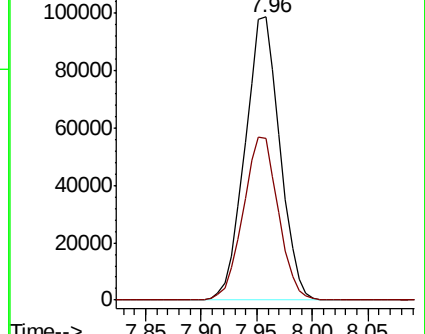
168 100

99 57.0 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: 29.924 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005584.D

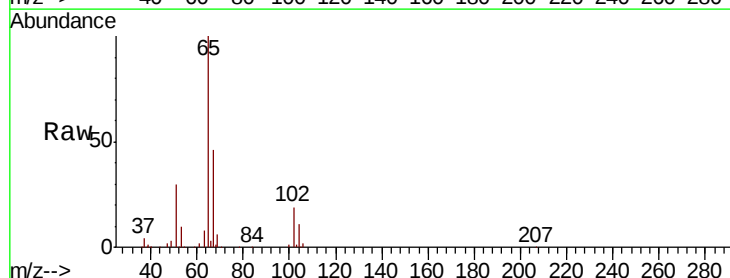
Acq: 24 Sep 2018 14:56

Tgt Ion: 65 Resp: 75660

Ion Ratio Lower Upper

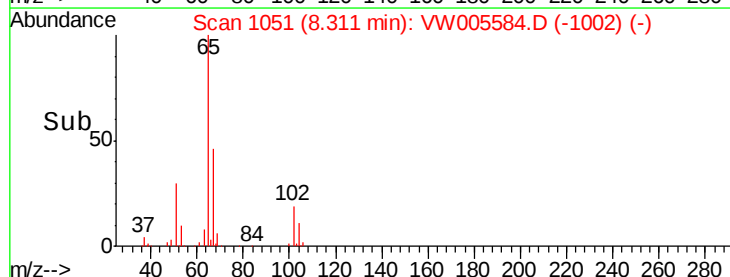
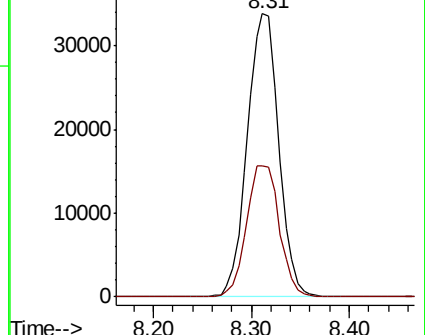
65 100

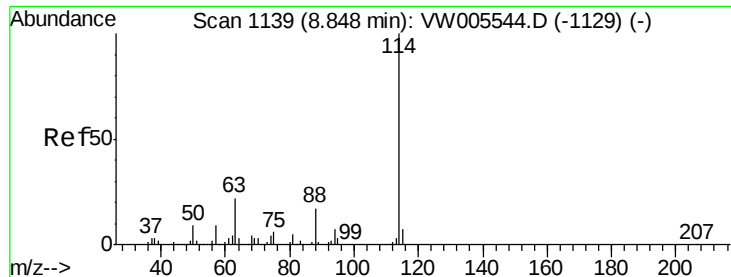
67 48.2 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

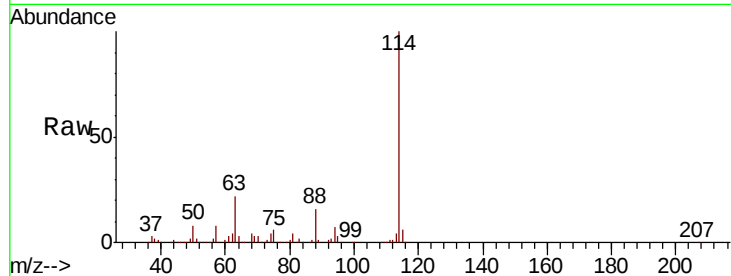




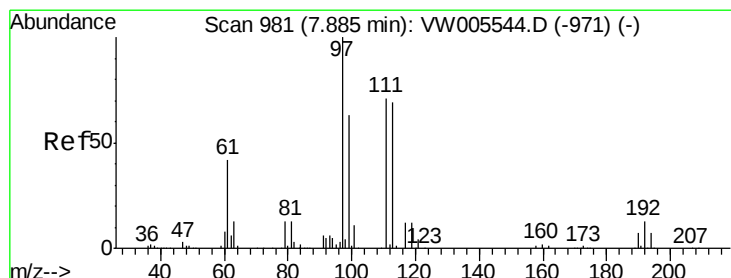
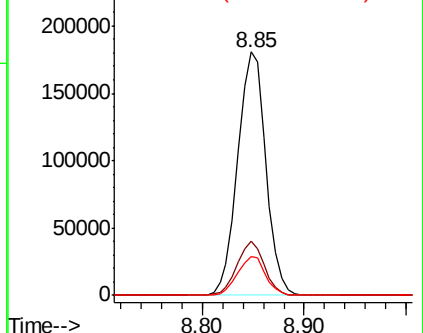
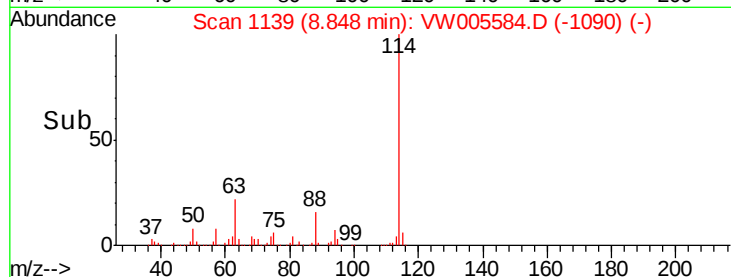
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005584.D
 Acq: 24 Sep 2018 14:56

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-04-092018-C

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.0
88	15.7	0.0	33.0

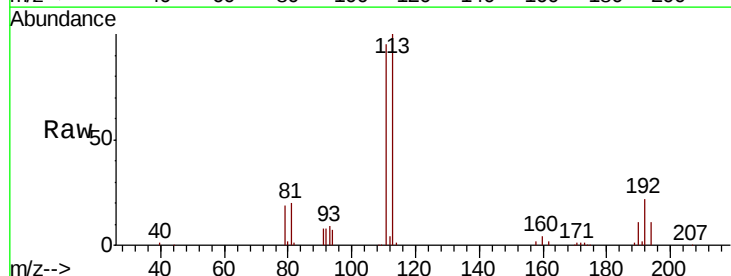


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

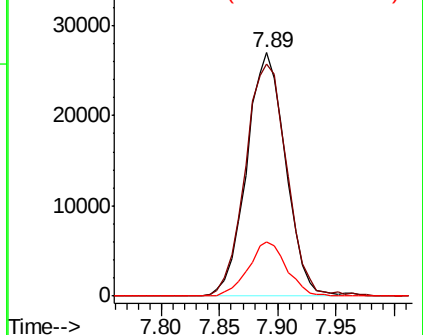
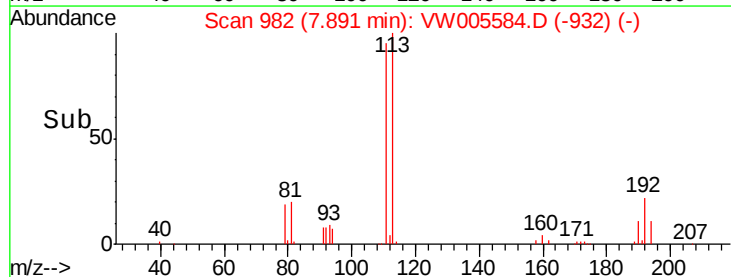


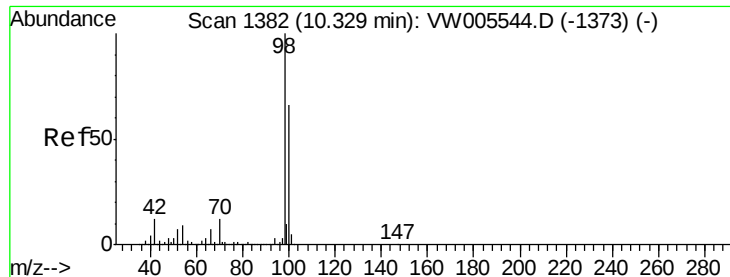
#35
 Dibromofluoromethane
 Concen: 28.899 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005584.D
 Acq: 24 Sep 2018 14:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	21.7	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: 24.025 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005584.D

Acq: 24 Sep 2018 14:56

Instrument :

MSVOA_W

ClientSampleId :

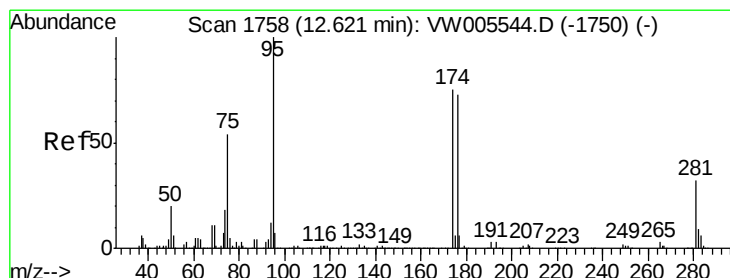
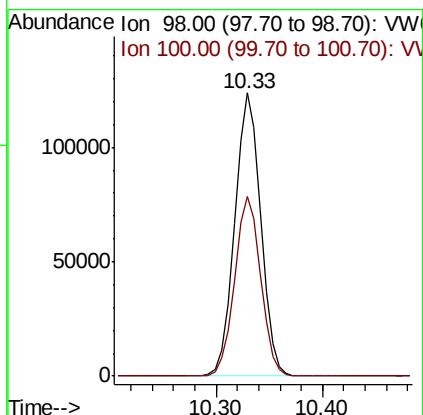
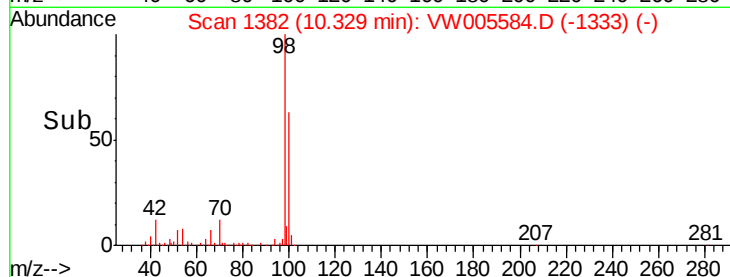
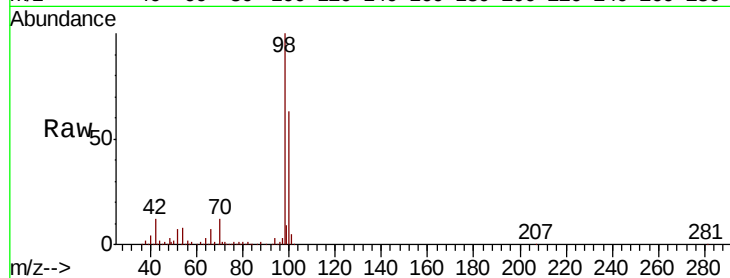
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Tot Ion: 98 Resp: 212076

Ion Ratio Lower Upper

98 100

100 63.4 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 21.298 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005584.D

Acq: 24 Sep 2018 14:56

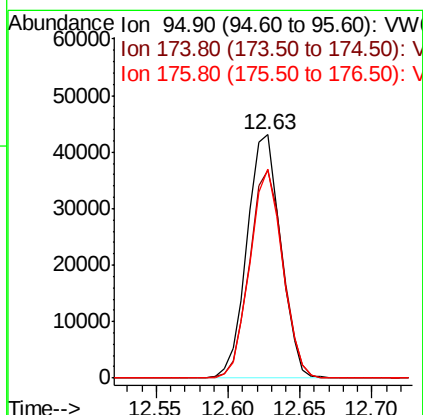
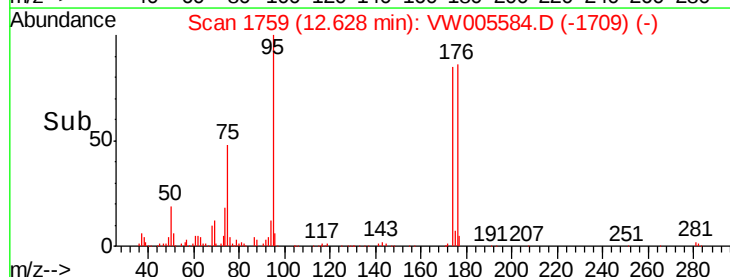
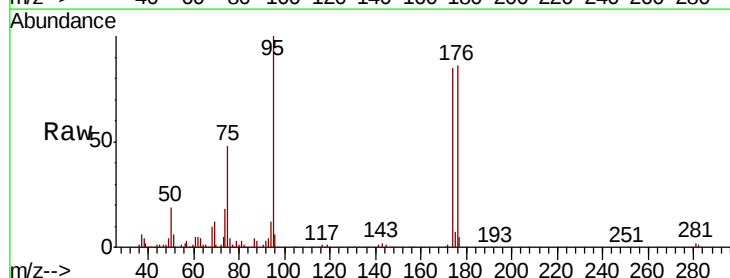
Tgt Ion: 95 Resp: 69568

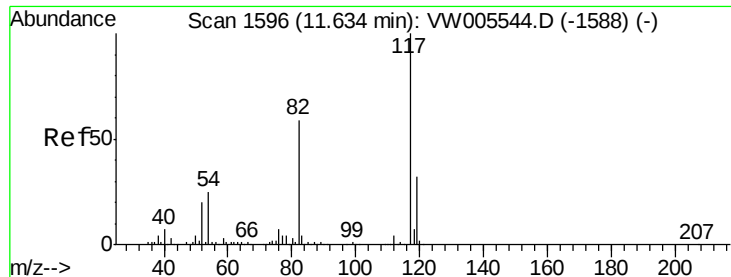
Ion Ratio Lower Upper

95 100

174 85.3 0.0 163.8

176 83.0 0.0 158.0

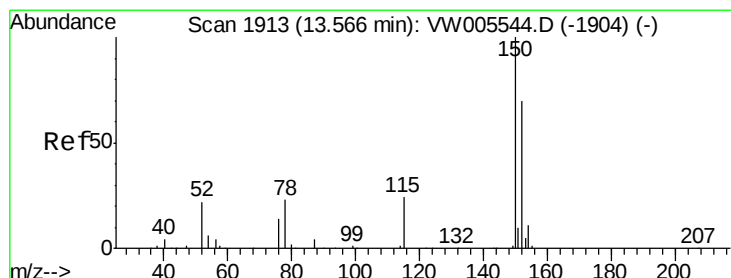
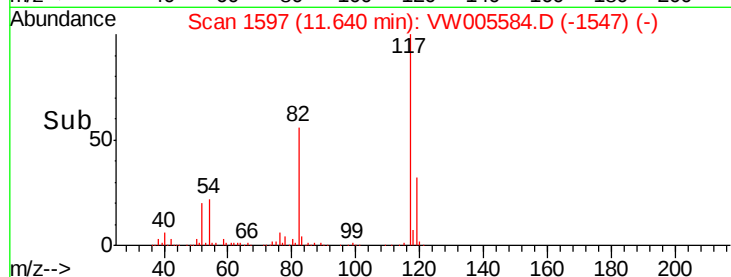
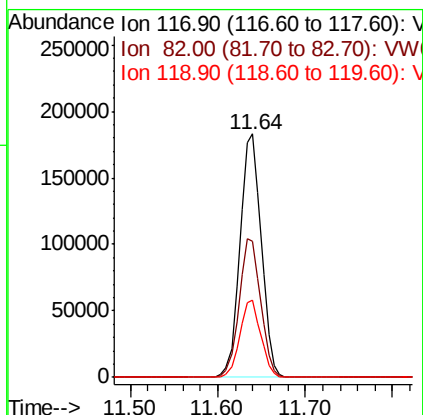
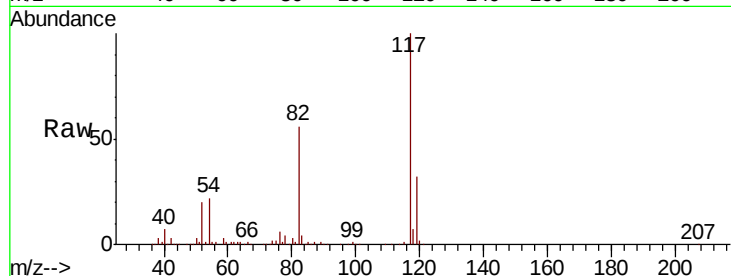




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW005584.D
Acq: 24 Sep 2018 14:56

Instrument :
MSVOA_W
ClientSampleId :
PL-04-092018-C

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	46.9	70.3
119	31.7	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: VW005584.D
Acq: 24 Sep 2018 14:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.0	90.0
150	159.7	0.0	348.6

