

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092718\
 Data File : VW005709.D
 Acq On : 27 Sep 2018 19:09
 Operator : VA/AP
 Sample : J5118-02RE
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RA-092518-USTEXC-NW-R-064RE

Quant Time: Sep 28 02:24:26 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

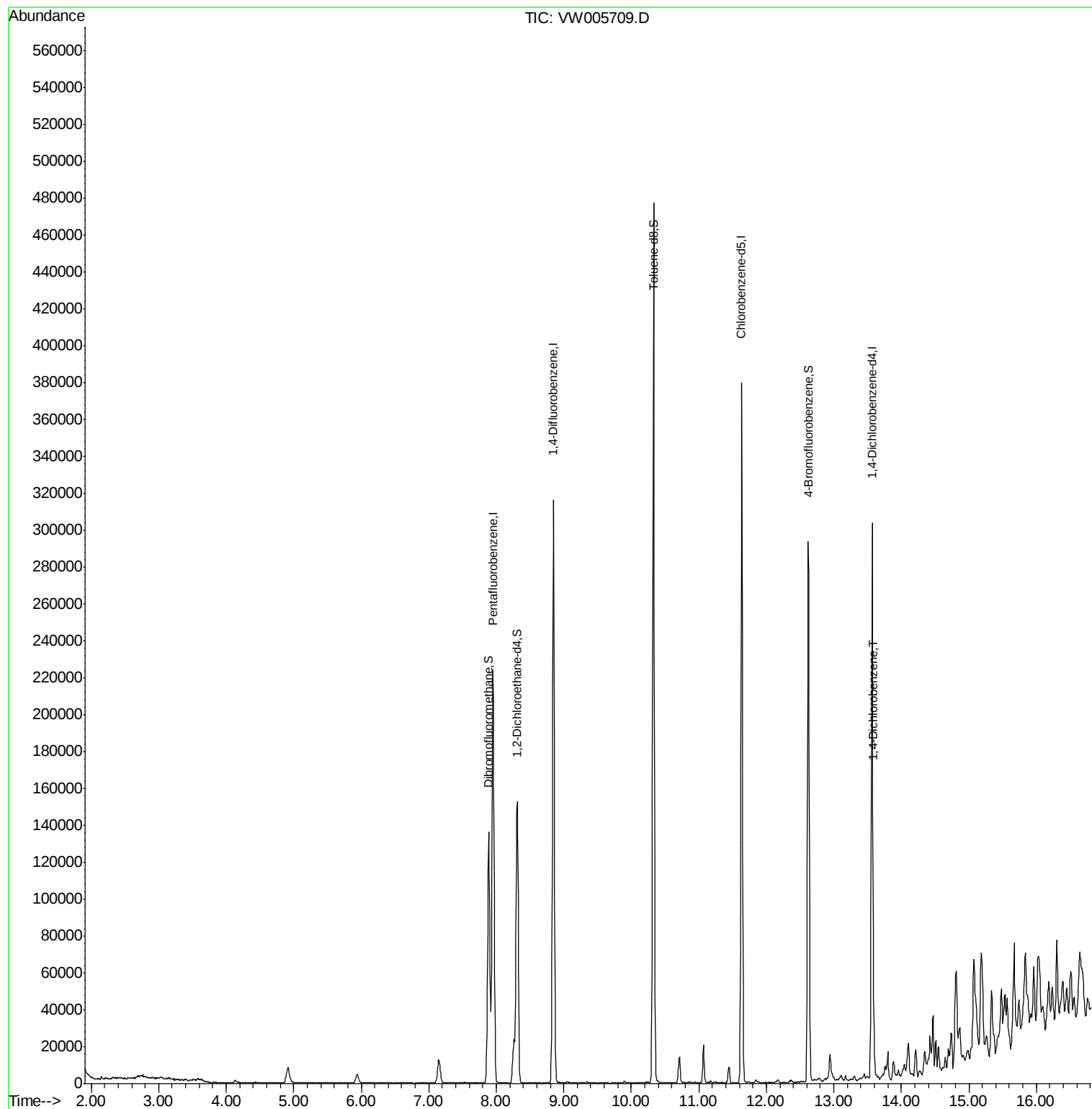
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	167921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	252835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	205966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	76854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130513	65.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.94%	
35) Dibromofluoromethane	7.89	113	96733	60.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.68%	
50) Toluene-d8	10.33	98	315437	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.62	95	89193	37.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.46%	
Target Compounds						
88) 1,4-Dichlorobenzene	13.58	146	8063	3.174	ug/l	Qvalue 87

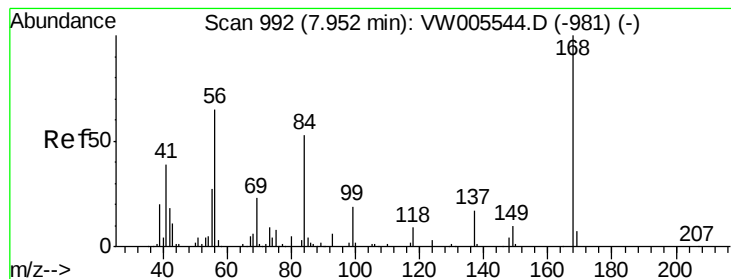
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092718\
Data File : VW005709.D
Acq On : 27 Sep 2018 19:09
Operator : VA/AP
Sample : J5118-02RE
Misc : 5.10G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RA-092518-USTEXC-NW-R-064RE

Quant Time: Sep 28 02:24:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 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: VW005709.D

Acq: 27 Sep 2018 19:09

Instrument :

MSVOA_W

ClientSampleId :

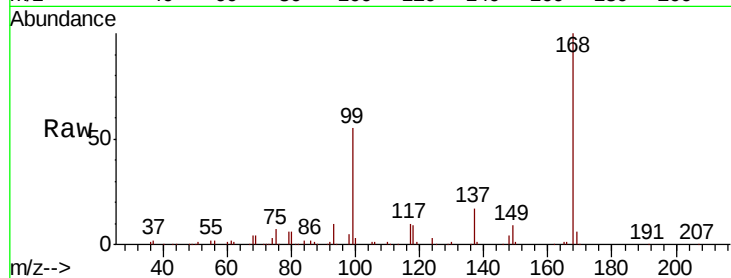
RA-092518-USTEXC-NW-R-064RE

Tot Ion:168 Resp: 167921

Ion Ratio Lower Upper

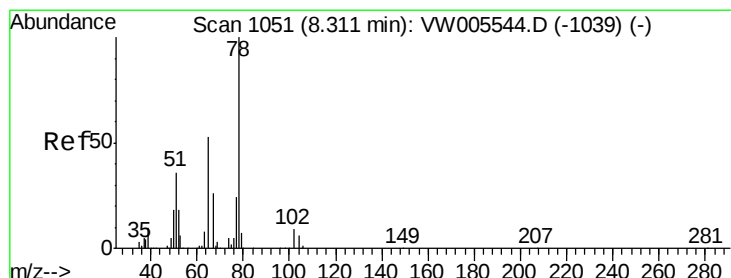
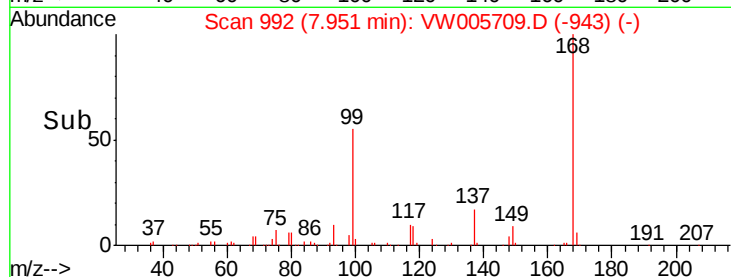
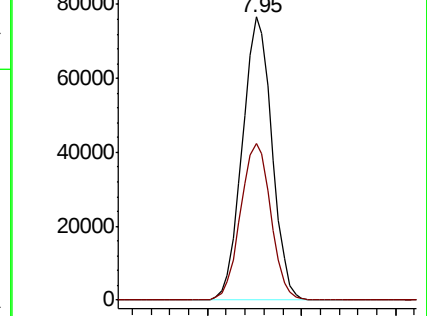
168 100

99 55.2 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: 65.975 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005709.D

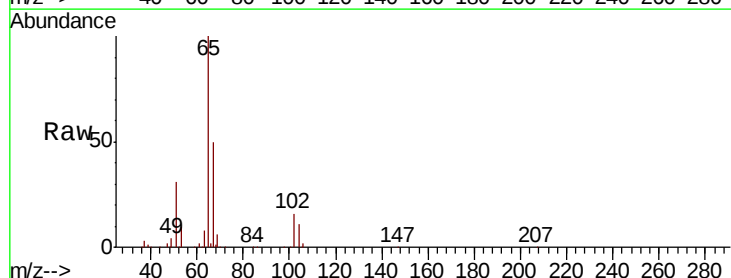
Acq: 27 Sep 2018 19:09

Tgt Ion: 65 Resp: 130513

Ion Ratio Lower Upper

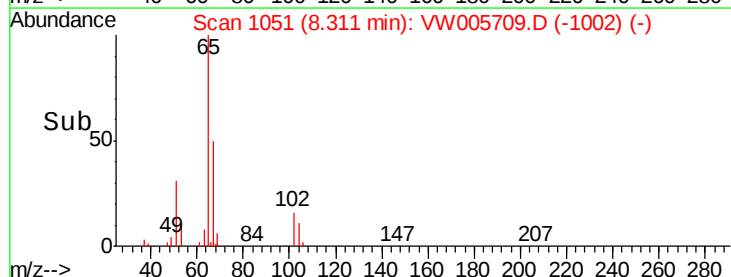
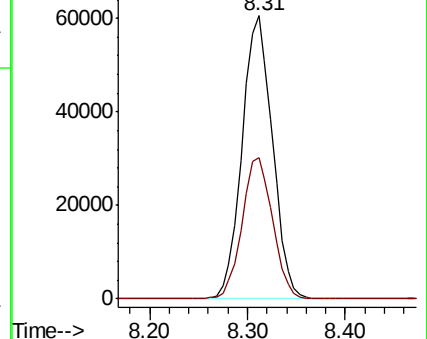
65 100

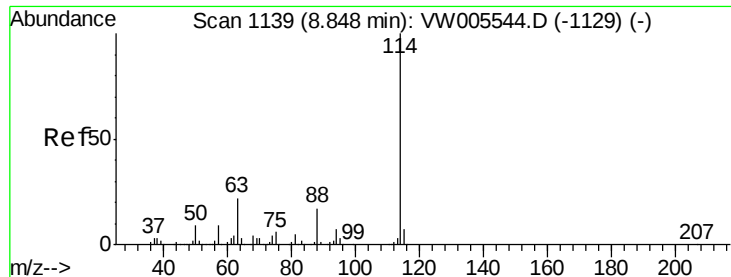
67 50.2 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

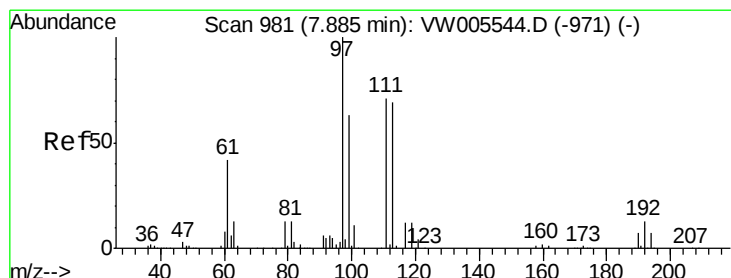
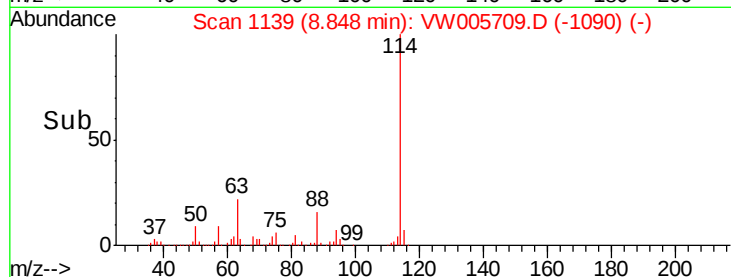
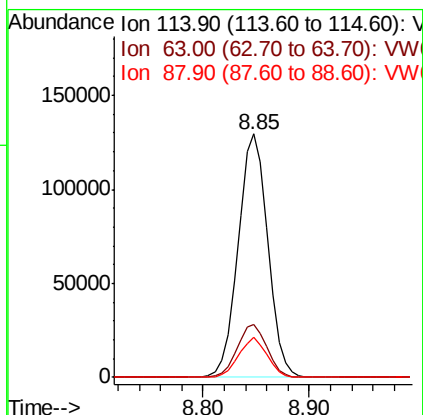
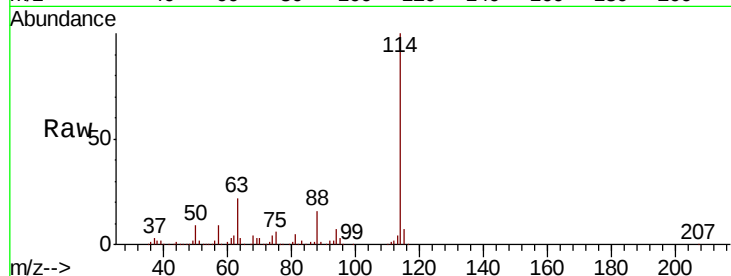




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005709.D
 Acq: 27 Sep 2018 19:09

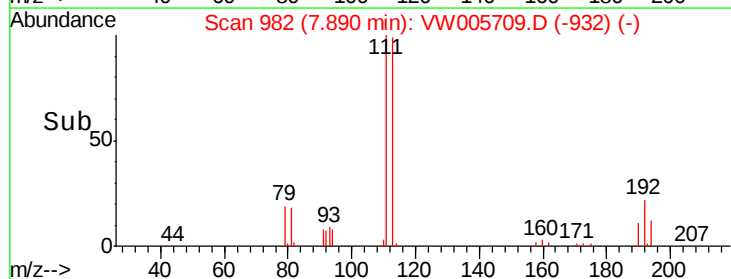
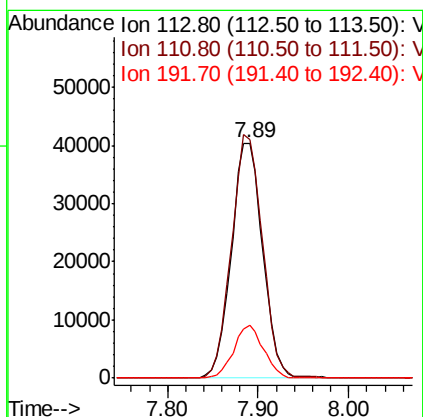
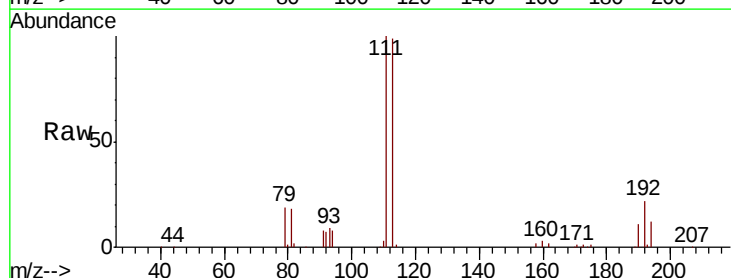
Instrument :
 MSVOA_W
 ClientSampleId :
 RA-092518-USTEXC-NW-R-064RE

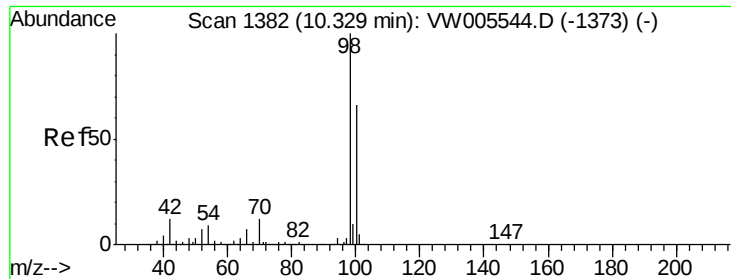
Tot Ion:114	Resp:	252835
Ion Ratio	Lower	Upper
114 100		
63 21.8	0.0	43.0
88 16.4	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 60.839 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005709.D
 Acq: 27 Sep 2018 19:09

Tgt Ion:113	Resp:	96733
Ion Ratio	Lower	Upper
113 100		
111 102.4	82.6	123.8
192 21.3	17.0	25.4





#50

Toluene-d8

Concen: 48.723 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005709.D

Acq: 27 Sep 2018 19:09

Instrument :

MSVOA_W

ClientSampleId :

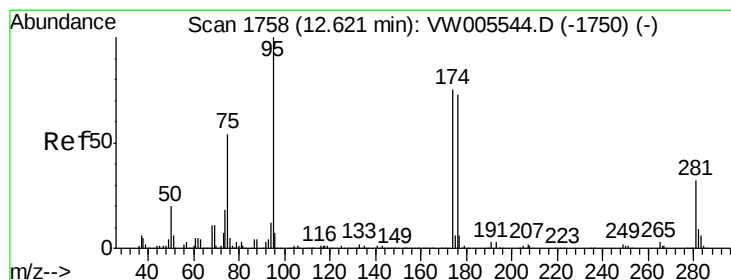
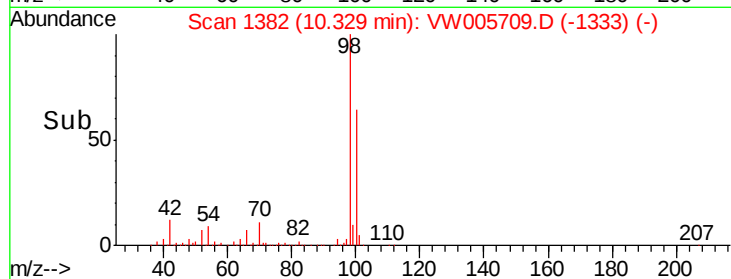
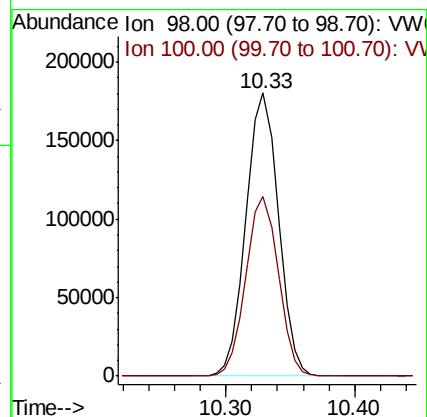
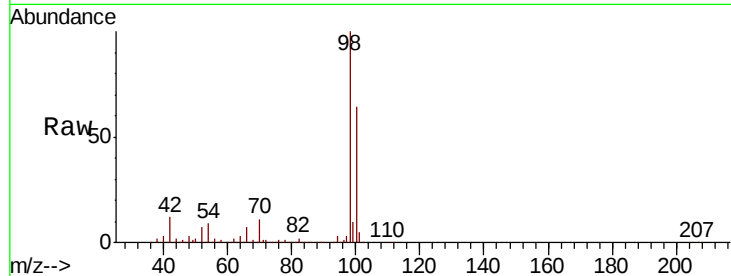
RA-092518-USTEXC-NW-R-064RE

Tot Ion: 98 Resp: 315437

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 37.233 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005709.D

Acq: 27 Sep 2018 19:09

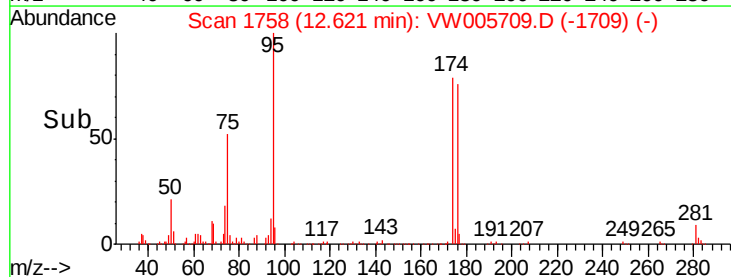
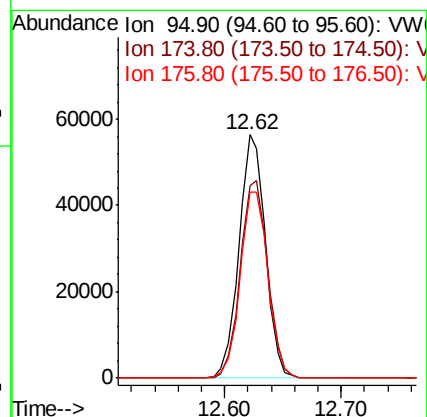
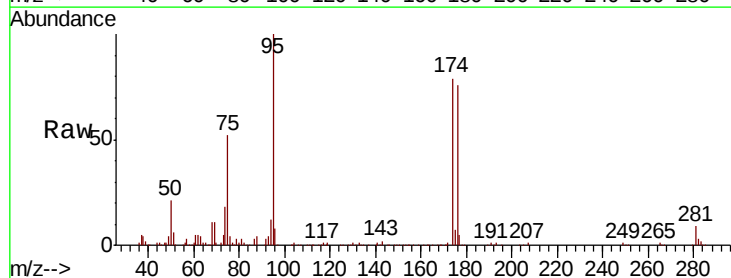
Tgt Ion: 95 Resp: 89193

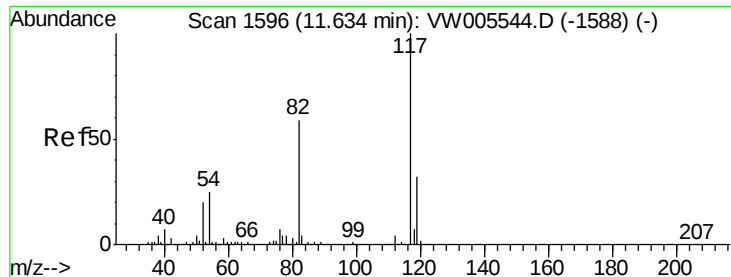
Ion Ratio Lower Upper

95 100

174 84.3 0.0 163.8

176 80.3 0.0 158.0

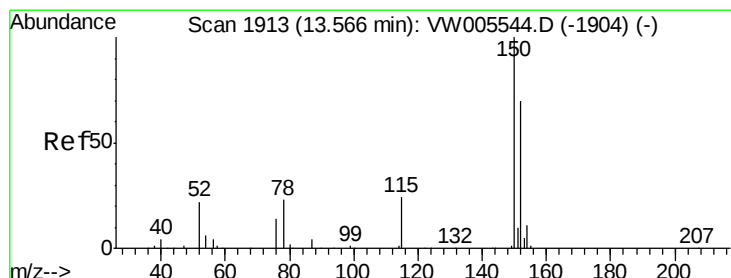
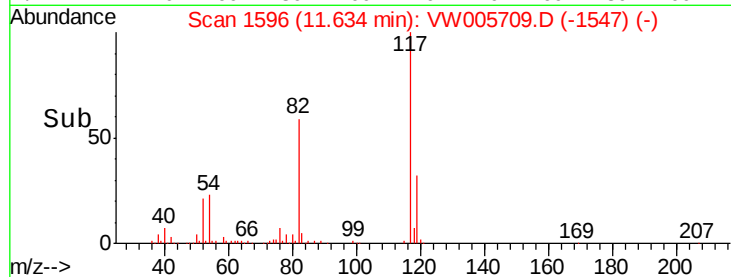
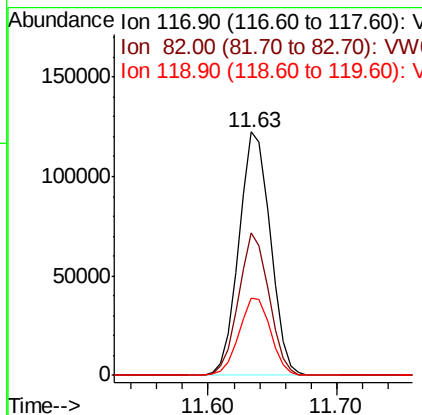
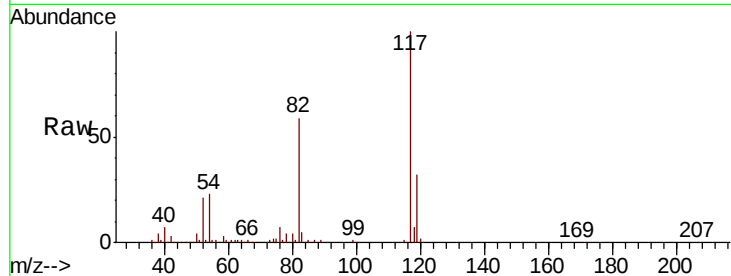




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005709.D
Acq: 27 Sep 2018 19:09

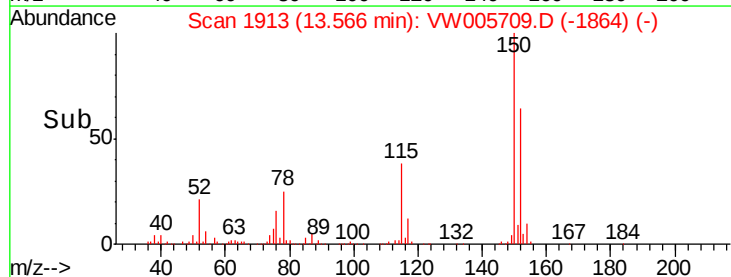
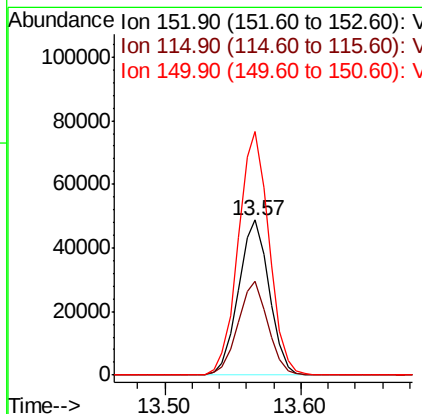
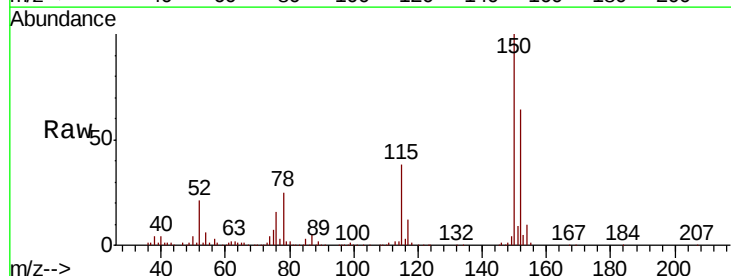
Instrument :
MSVOA_W
ClientSampleId :
RA-092518-USTEXC-NW-R-064RE

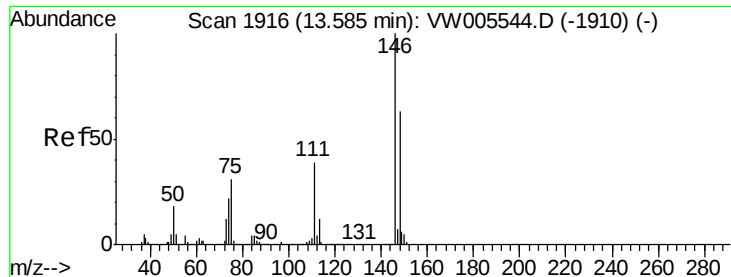
Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	46.9	70.3
119	31.9	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005709.D
Acq: 27 Sep 2018 19:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.0	90.0
150	156.5	0.0	348.6





#88
 1,4-Dichlorobenzene
 Concen: 3.174 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005709.D
 Acq: 27 Sep 2018 19:09

Instrument :
 MSVOA_W
 ClientSampleId :
 RA-092518-USTEXC-NW-R-064RE

Tot Ion	Ratio	Lower	Upper
146	100		
111	55.3	19.9	59.7
148	68.6	32.1	96.3

