

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092718\
 Data File : VW005713.D
 Acq On : 27 Sep 2018 20:53
 Operator : VA/AP
 Sample : J4776-09
 Misc : 6.98G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-092718-C

Quant Time: Sep 28 02:32:29 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	176958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	279435	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	235884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	86318	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	121401	58.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.46%	
35) Dibromofluoromethane	7.89	113	91584	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
50) Toluene-d8	10.33	98	326854	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
62) 4-Bromofluorobenzene	12.63	95	96515	36.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.90%	

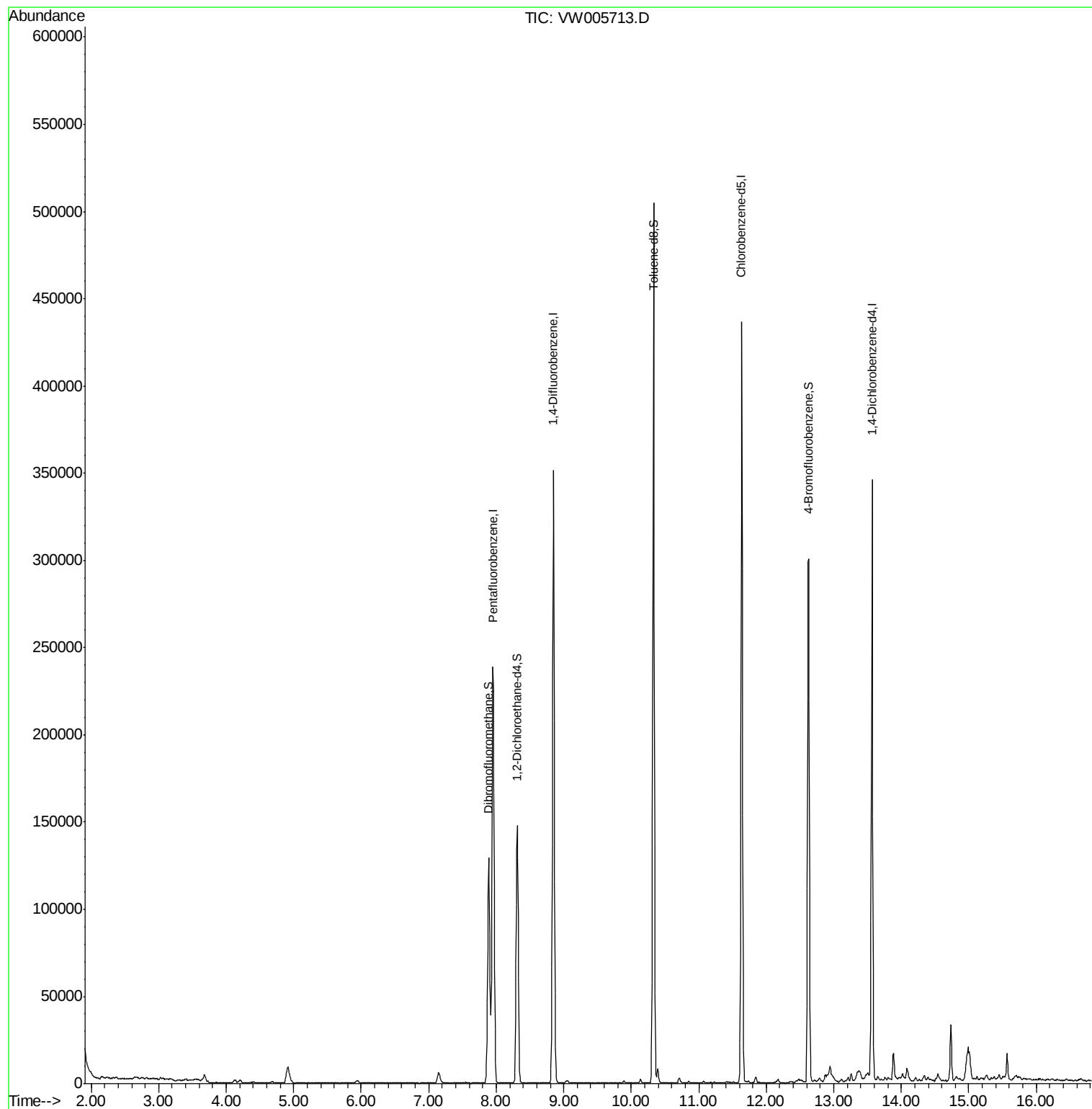
Target Compounds	Qvalue

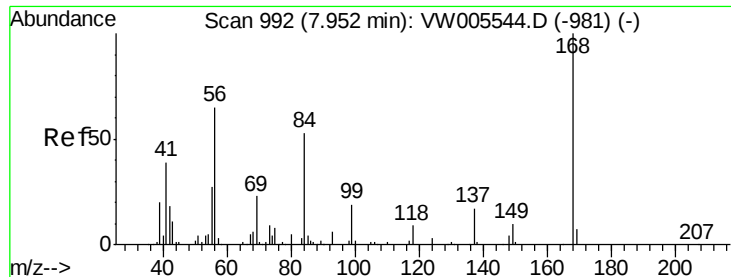
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005713.D

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Instrument :

MSVOA_W

ClientSampleId :

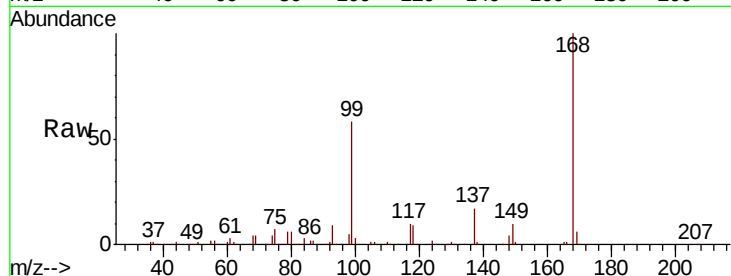
EO-01-092718-C

Tot Ion:168 Resp: 176958

Ion Ratio Lower Upper

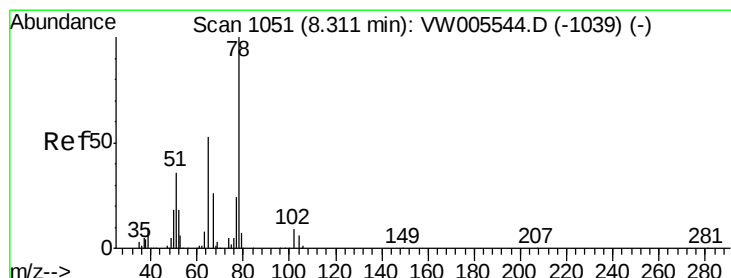
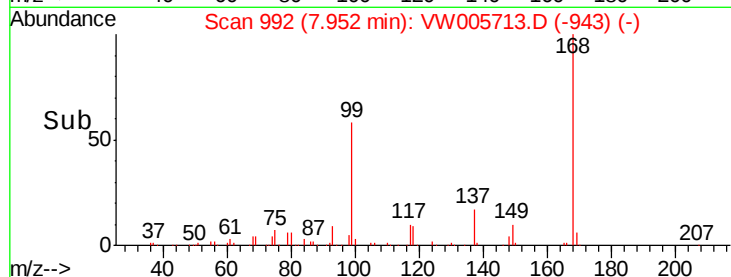
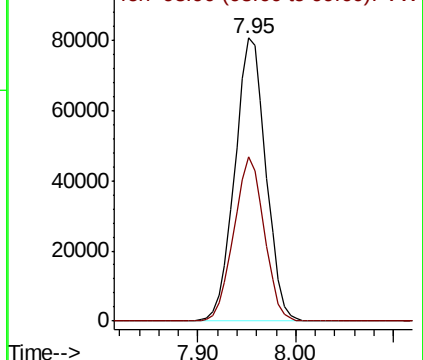
168 100

99 58.3 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: 58.234 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005713.D

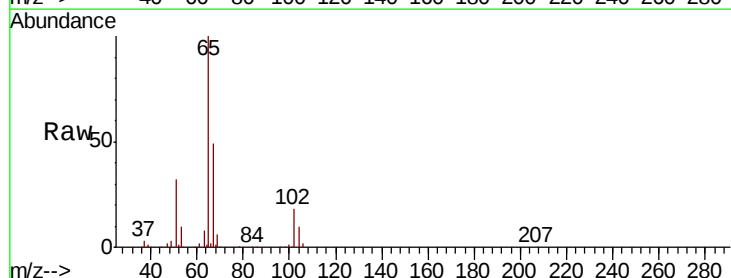
Acq: 27 Sep 2018 20:53

Tgt Ion: 65 Resp: 121401

Ion Ratio Lower Upper

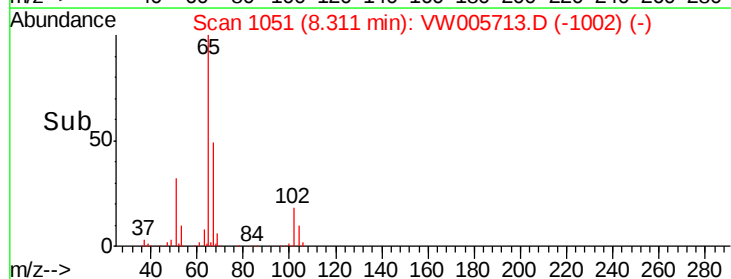
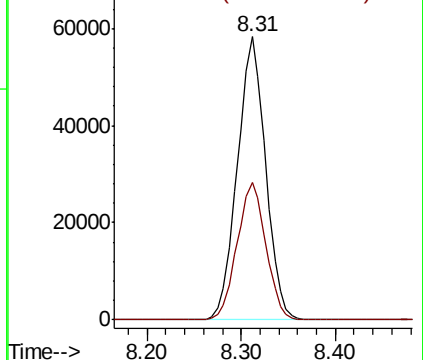
65 100

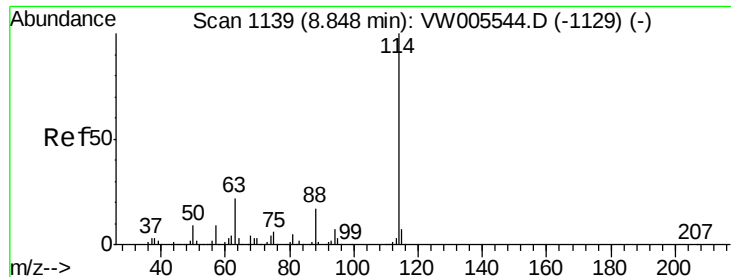
67 49.5 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

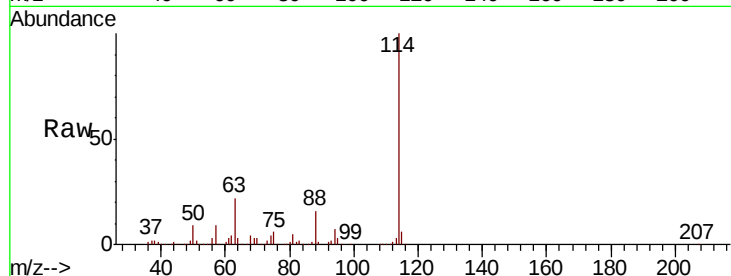




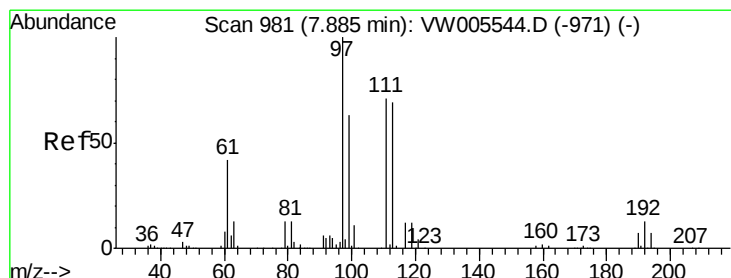
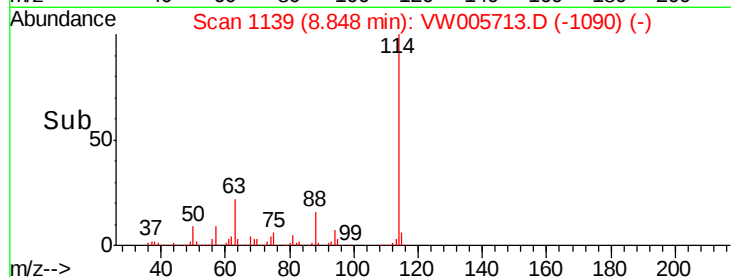
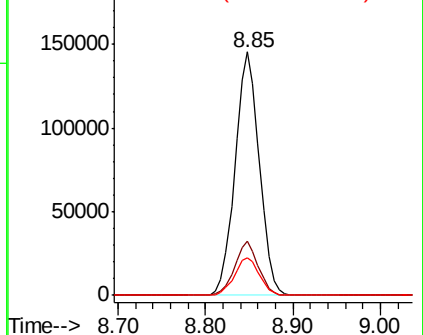
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005713.D
 Acq: 27 Sep 2018 20:53

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-092718-C

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.0
88	15.5	0.0	33.0

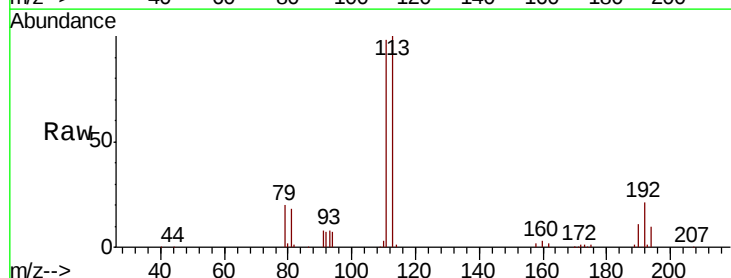


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

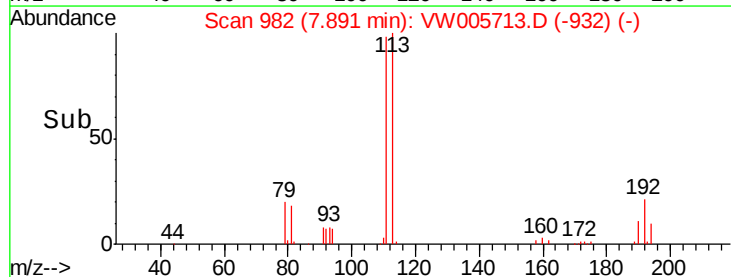
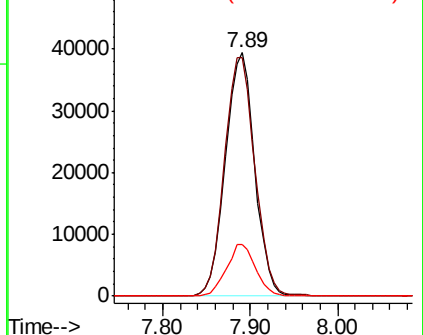


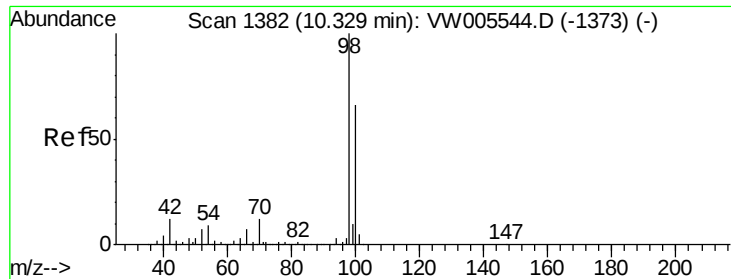
#35
 Dibromofluoromethane
 Concen: 52.118 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005713.D
 Acq: 27 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	21.0	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: 45.681 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005713.D

Acq: 27 Sep 2018 20:53

Instrument :

MSVOA_W

ClientSampleId :

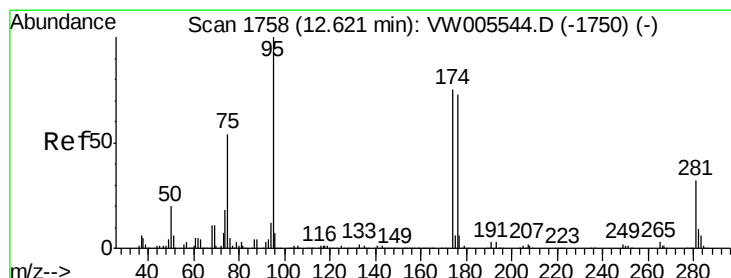
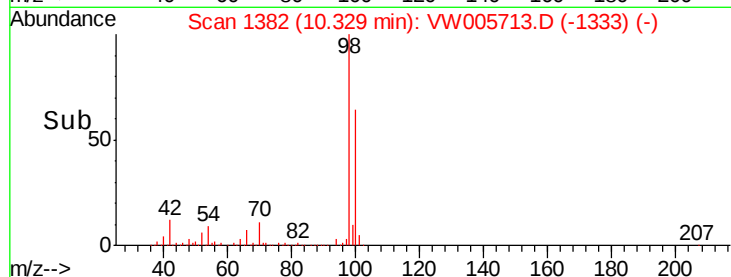
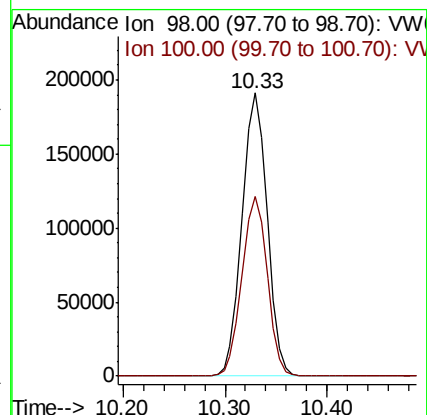
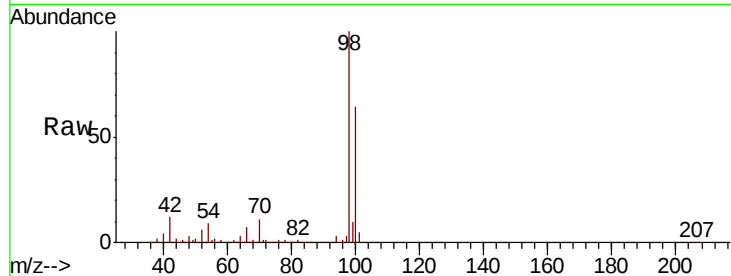
EO-01-092718-C

Tot Ion: 98 Resp: 326854

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 36.454 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005713.D

Acq: 27 Sep 2018 20:53

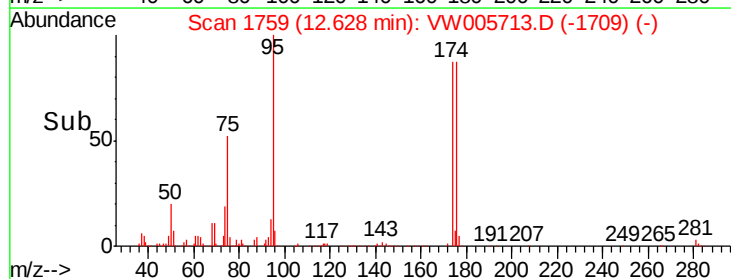
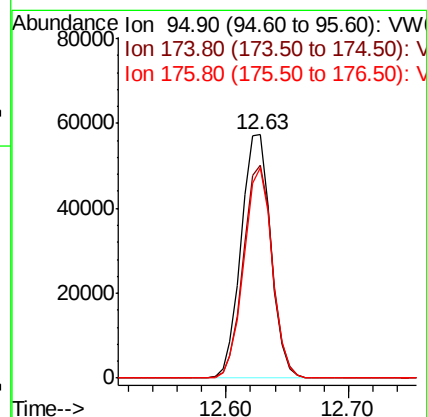
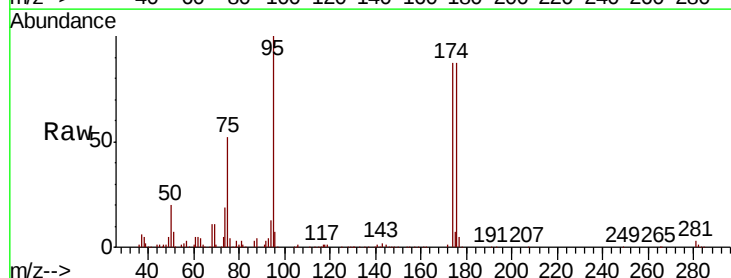
Tgt Ion: 95 Resp: 96515

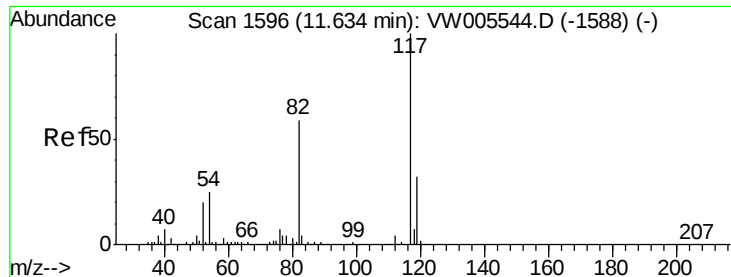
Ion Ratio Lower Upper

95 100

174 85.5 0.0 163.8

176 82.7 0.0 158.0

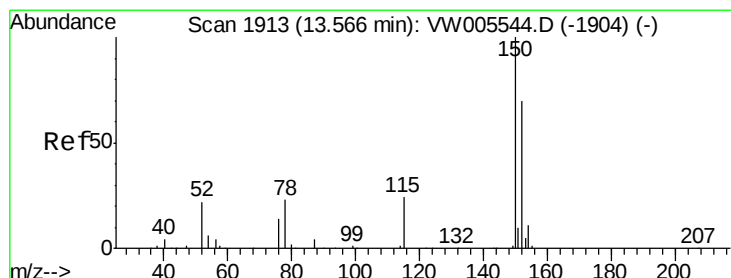
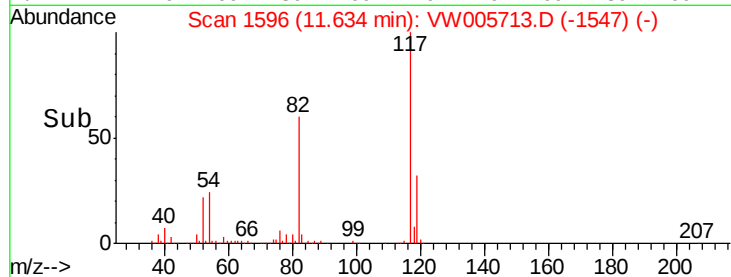
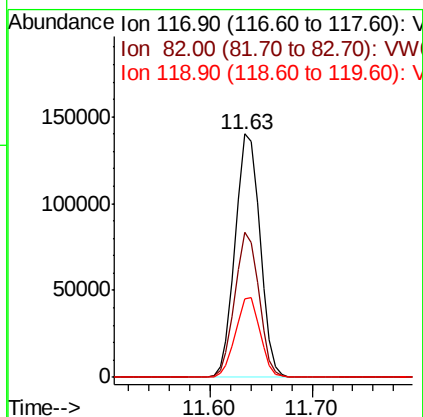
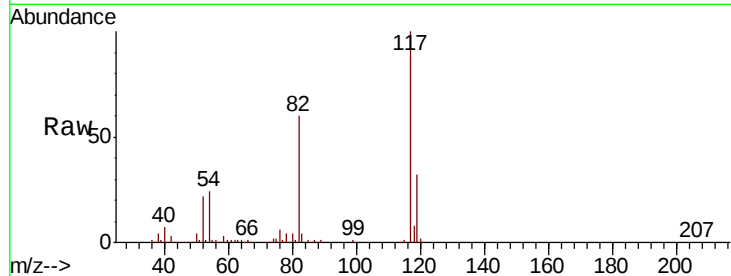




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005713.D
Acq: 27 Sep 2018 20:53

Instrument :
MSVOA_W
ClientSampleId :
EO-01-092718-C

Tot Ion:117 Resp: 235884
Ion Ratio Lower Upper
117 100
82 59.5 46.9 70.3
119 32.2 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: VW005713.D
Acq: 27 Sep 2018 20:53

Tgt Ion:152 Resp: 86318
Ion Ratio Lower Upper
152 100
115 59.0 30.0 90.0
150 159.5 0.0 348.6

