

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059565.D
 Acq On : 19 Jul 2018 20:02
 Operator : VA/AP
 Sample : VF0719SBL02
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0719SBL02

Quant Time: Jul 20 05:38:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	223825	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	324595	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	338847	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	213829	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	169825	48.79	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	4.29	113	146533	52.12	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	104.24%	
50) Toluene-d8	7.71	98	328925	46.45	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	92.90%	
62) 4-Bromofluorobenzene	11.51	95	184480	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	

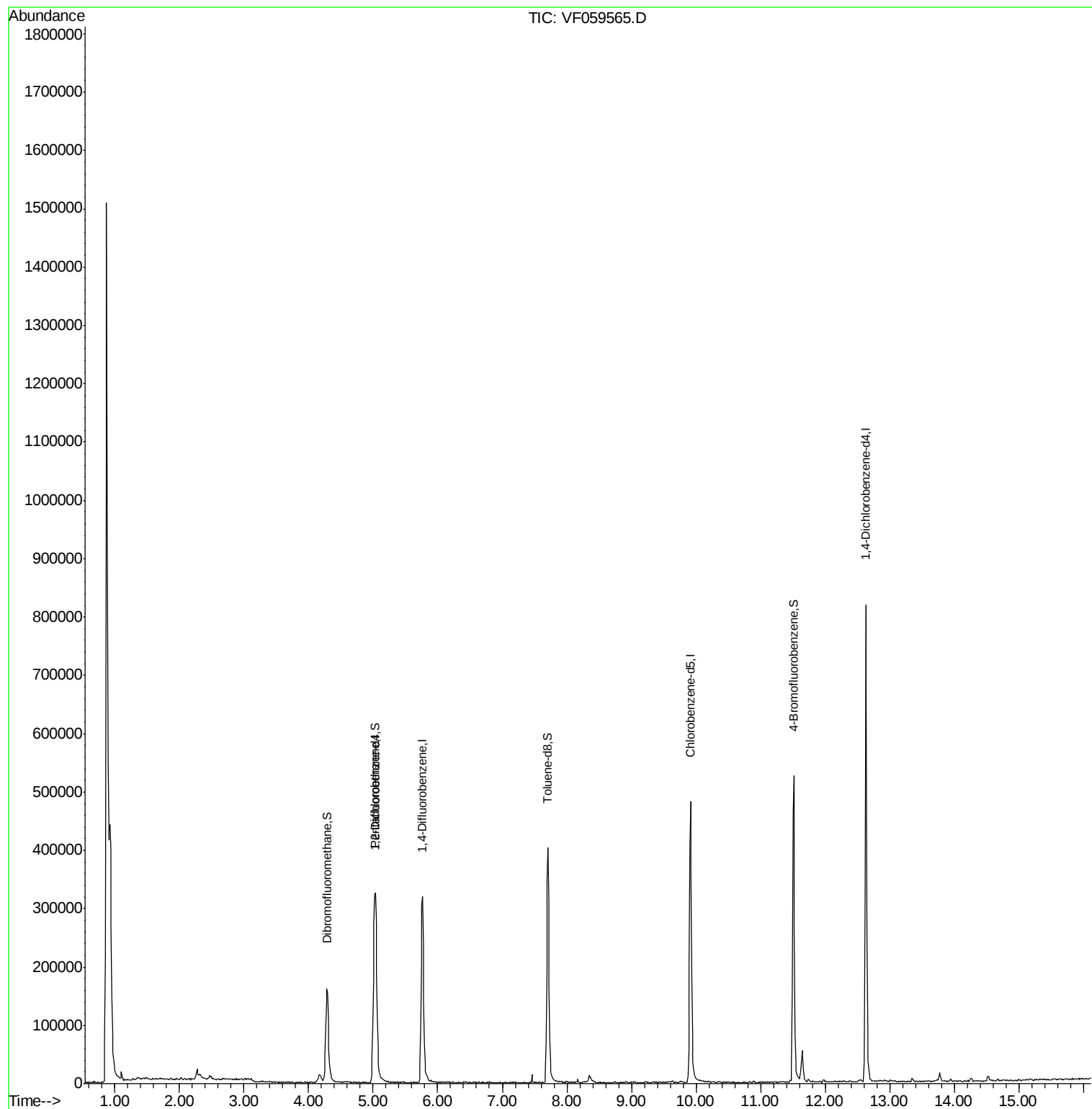
Target Compounds	Qvalue

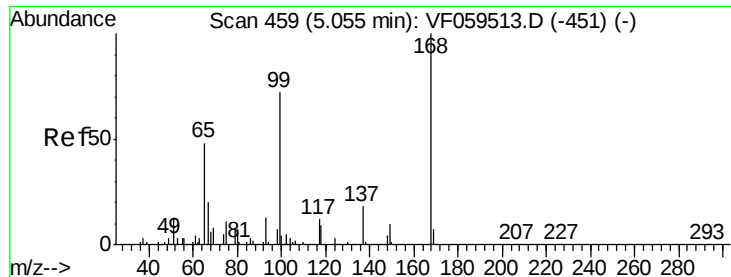
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF059565.D

Acq: 19 Jul 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

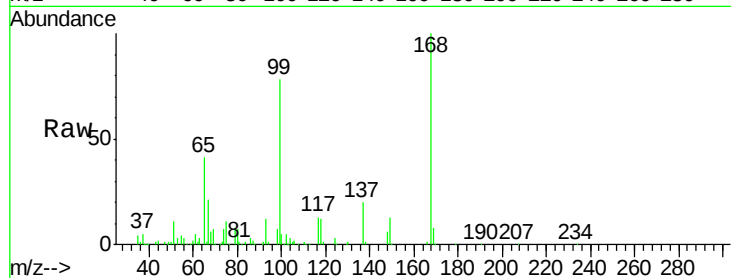
VF0719SBL02

Tot Ion:168 Resp: 223825

Ion Ratio Lower Upper

168 100

99 77.7 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

80000

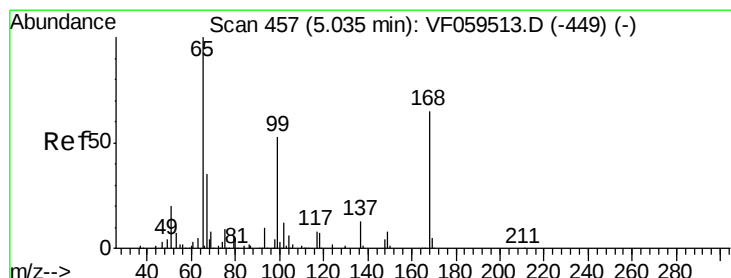
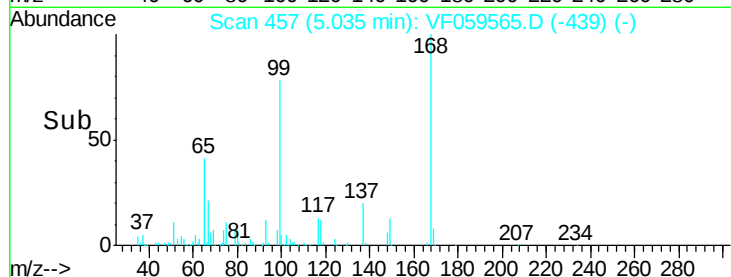
60000

40000

20000

0

Time--> 4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 48.79 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.02 min

Lab File: VF059565.D

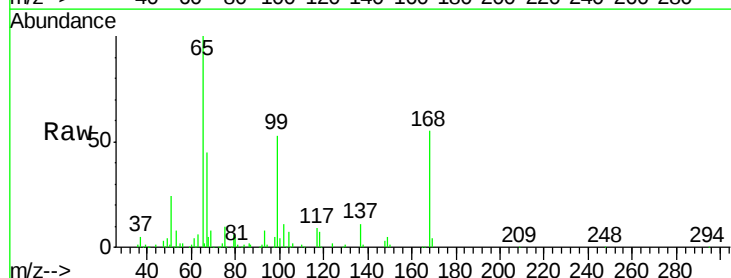
Acq: 19 Jul 2018 20:02

Tgt Ion: 65 Resp: 169825

Ion Ratio Lower Upper

65 100

67 44.5 0.0 91.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

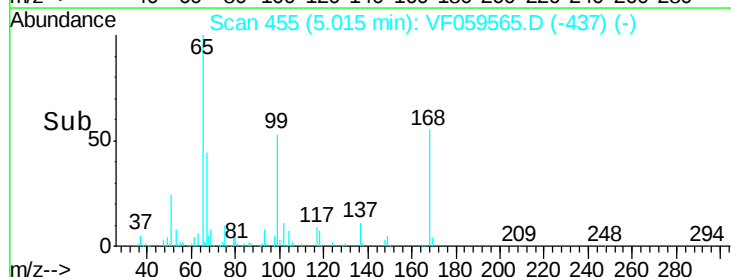
60000

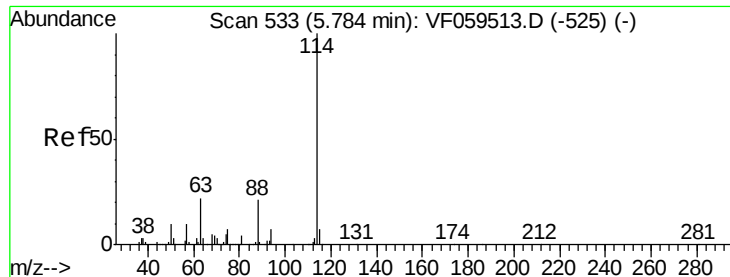
40000

20000

0

Time--> 4.90 5.00 5.10 5.20

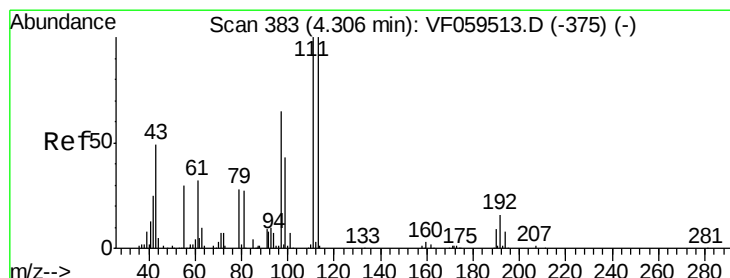
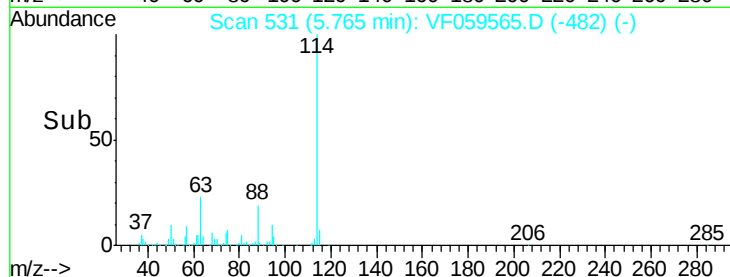
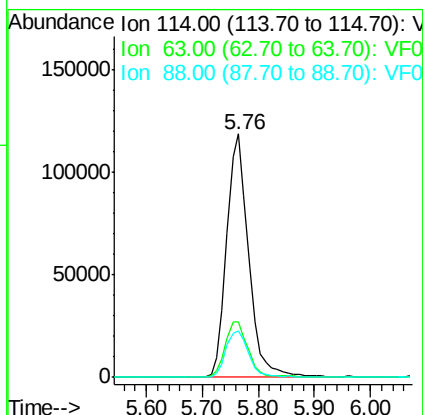
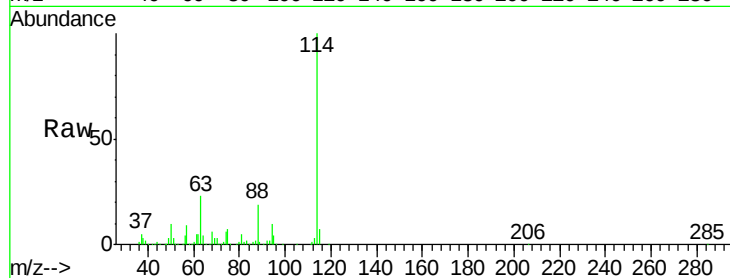




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VF059565.D
 Acq: 19 Jul 2018 20:02

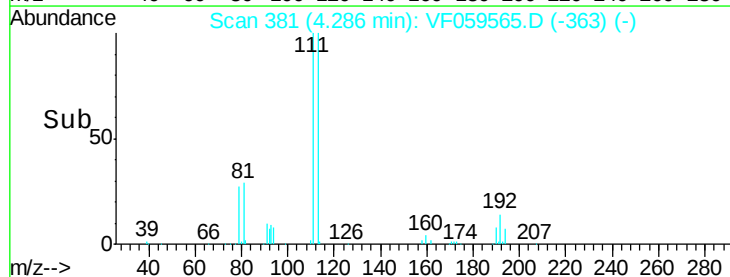
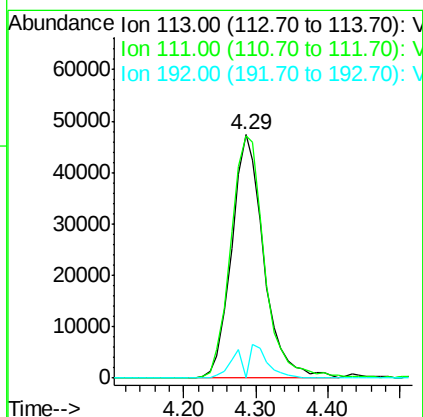
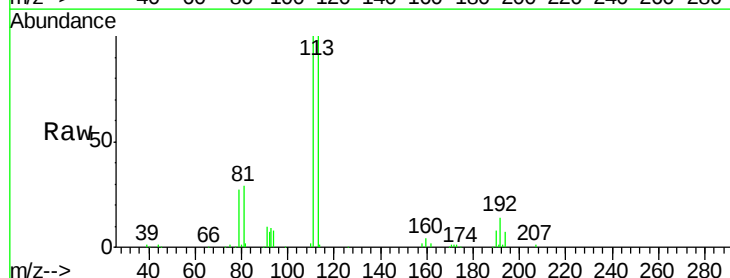
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0719SBL02

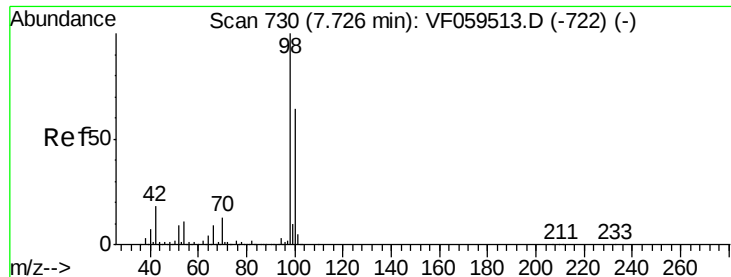
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	44.8
88	19.2	0.0	42.6



#35
 Dibromofluoromethane
 Concen: 52.12 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.02 min
 Lab File: VF059565.D
 Acq: 19 Jul 2018 20:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.6	80.3	120.5
192	0.0	13.1	19.7#





#50

Toluene-d8

Concen: 46.45 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.02 min

Lab File: VF059565.D

Acq: 19 Jul 2018 20:02

Instrument :

MSVOA_F

ClientSampleId :

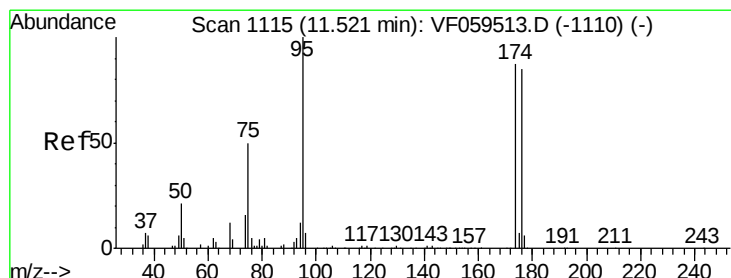
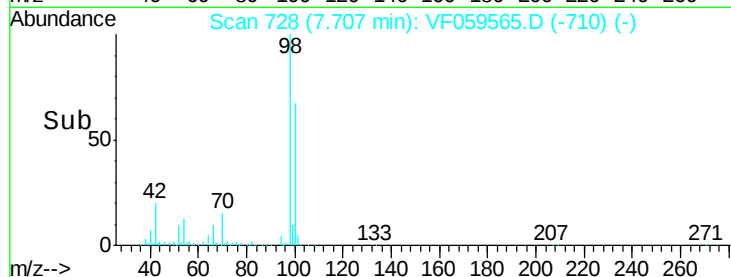
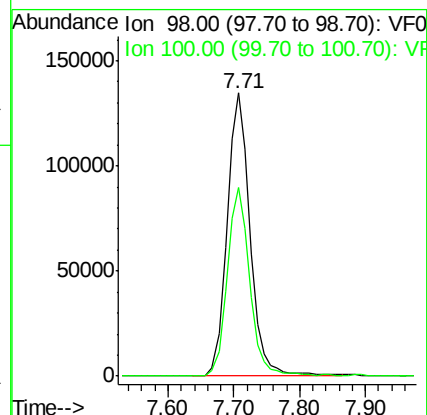
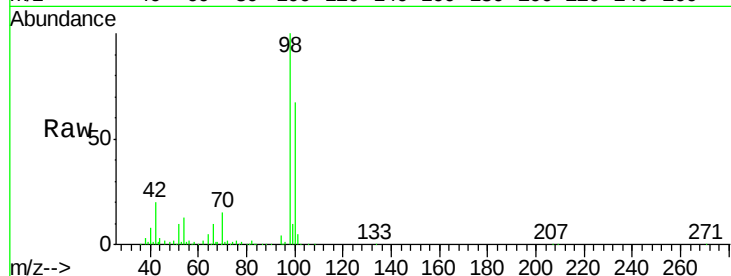
VF0719SBL02

Tot Ion: 98 Resp: 328925

Ion Ratio Lower Upper

98 100

100 66.5 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 49.66 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.01 min

Lab File: VF059565.D

Acq: 19 Jul 2018 20:02

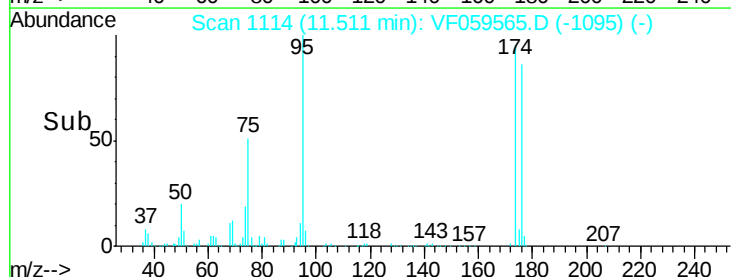
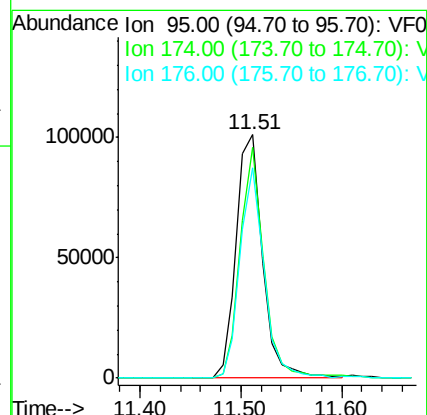
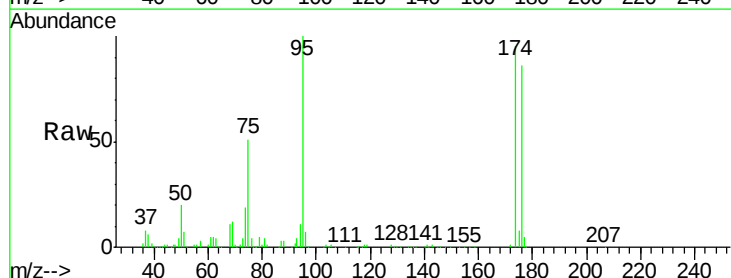
Tgt Ion: 95 Resp: 184480

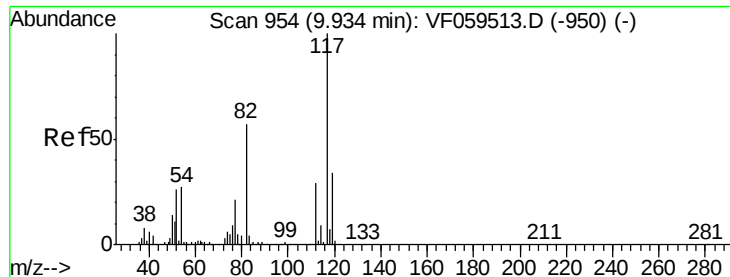
Ion Ratio Lower Upper

95 100

174 94.6 0.0 174.4

176 86.1 0.0 169.4

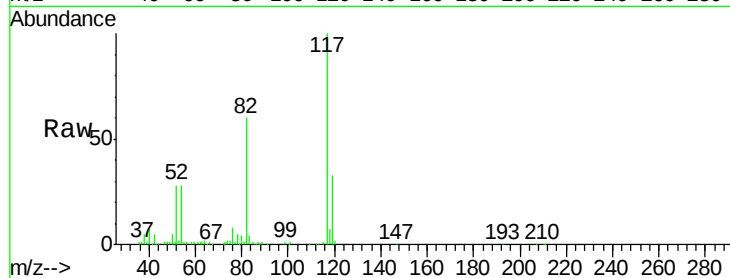




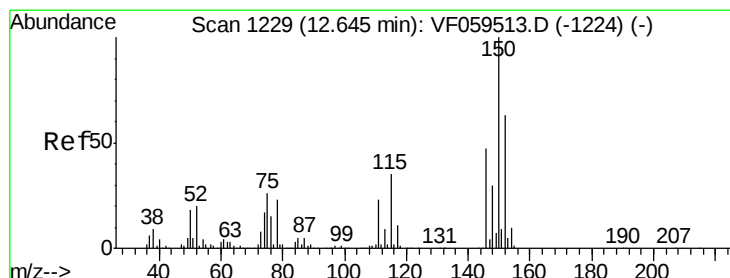
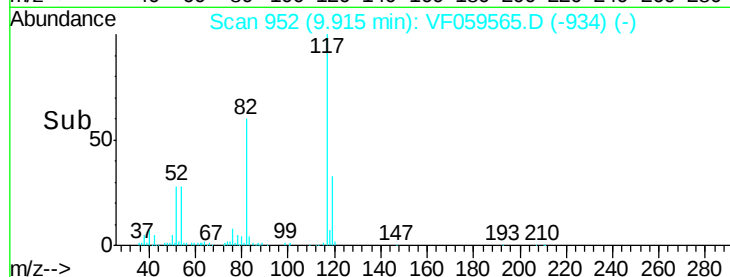
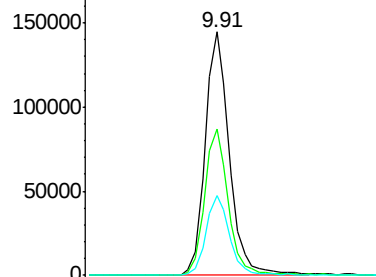
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF059565.D
Acq: 19 Jul 2018 20:02

Instrument :
MSVOA_F
ClientSampleId :
VF0719SBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.0	46.1	69.1
119	32.5	27.2	40.8

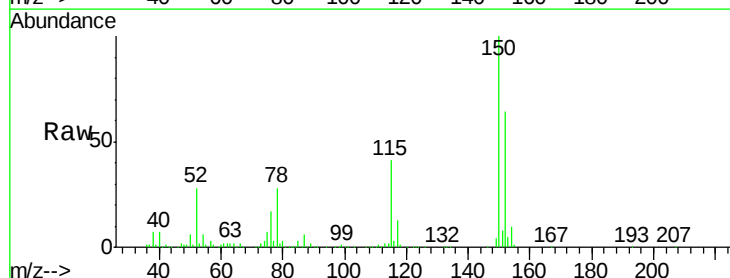


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059565.D
Acq: 19 Jul 2018 20:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.7	27.8	83.3
150	156.7	0.0	318.4



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

