

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059708.D
 Acq On : 31 Jul 2018 14:43
 Operator : VA/AP
 Sample : J4140-04
 Misc : 13.16g/5mL/MSVOA F/SOIL
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(95-97)

Quant Time: Jul 31 15:21:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 05:19:18 2018
 Response via : Initial Calibration

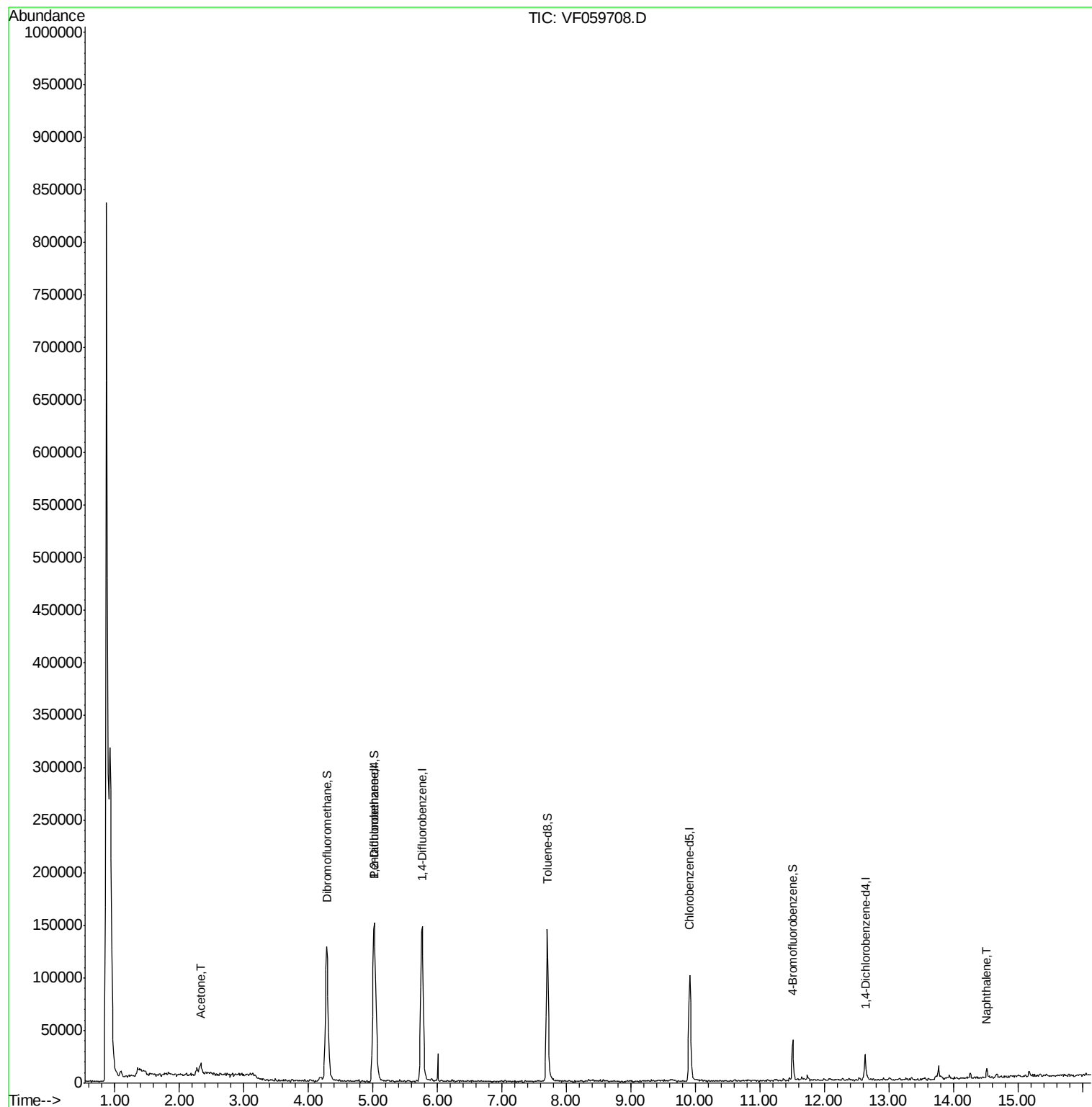
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	65516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	149627	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	64244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	6894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	127668	108.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	216.86%	
35) Dibromofluoromethane	4.28	113	111401	71.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.36%	
50) Toluene-d8	7.70	98	114440	31.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.16%	
62) 4-Bromofluorobenzene	11.51	95	14288	7.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	14.24%	
Target Compounds						
16) Acetone	2.33	43	14591	68.894	ug/l	99
95) Naphthalene	14.52	128	4252	14.305	ug/l	96

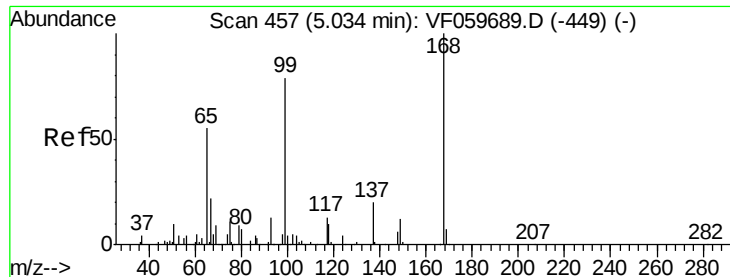
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF073118\
Data File : VF059708.D
Acq On : 31 Jul 2018 14:43
Operator : VA/AP
Sample : J4140-04
Misc : 13.16g/5mL/MSVOA F/SOIL
ALS Vial : 89 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(95-97)

Quant Time: Jul 31 15:21:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 05:19:18 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.00 min

Lab File: VF059708.D

Acq: 31 Jul 2018 14:43

Instrument :

MSVOA_F

ClientSampleId :

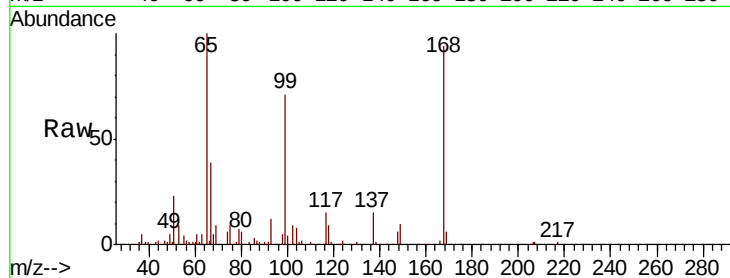
EPE-F-8(95-97)

Tot Ion:168 Resp: 65516

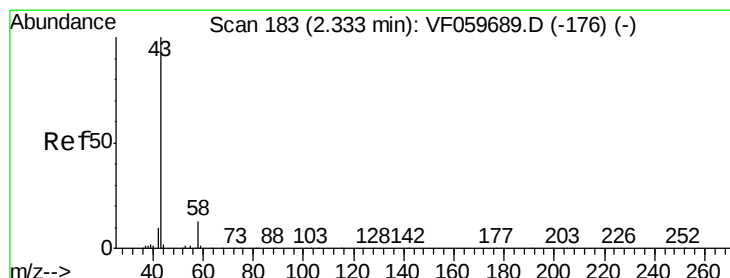
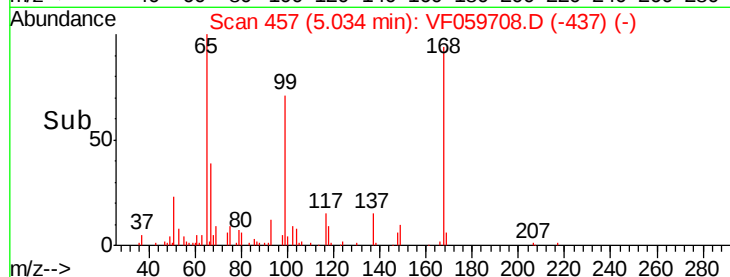
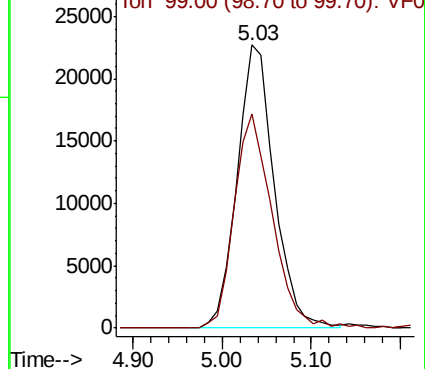
Ion Ratio Lower Upper

168 100

99 75.8 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0



#16

Acetone

Concen: 68.894 ug/l

RT: 2.33 min Scan# 183

Delta R.T. -0.00 min

Lab File: VF059708.D

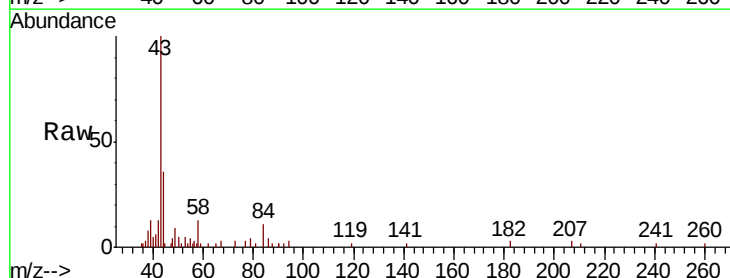
Acq: 31 Jul 2018 14:43

Tgt Ion: 43 Resp: 14591

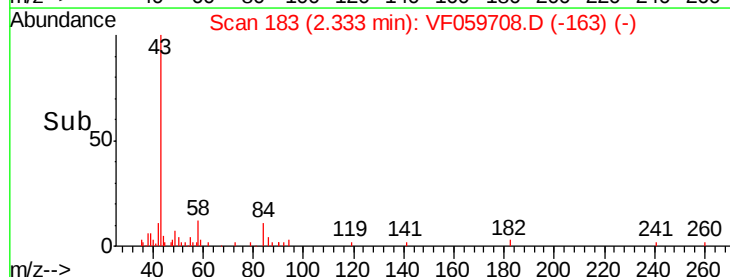
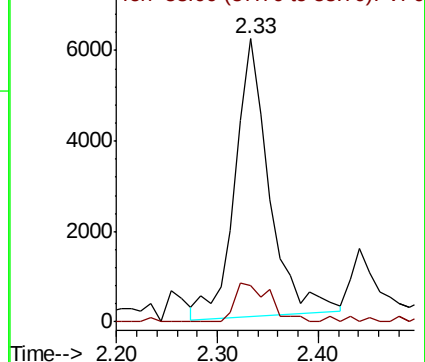
Ion Ratio Lower Upper

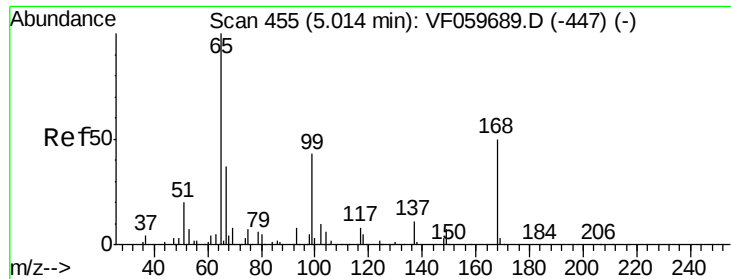
43 100

58 13.0 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 108.428 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.00 min

Lab File: VF059708.D

Acq: 31 Jul 2018 14:43

Instrument :

MSVOA_F

ClientSampleId :

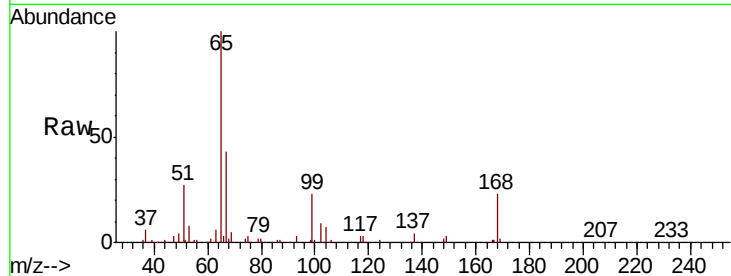
EPE-F-8(95-97)

Tot Ion: 65 Resp: 127668

Ion Ratio Lower Upper

65 100

67 42.7 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

40000

30000

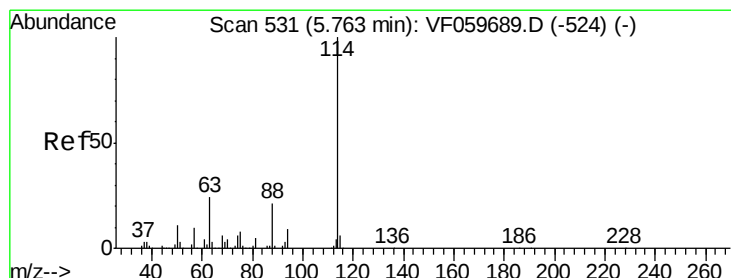
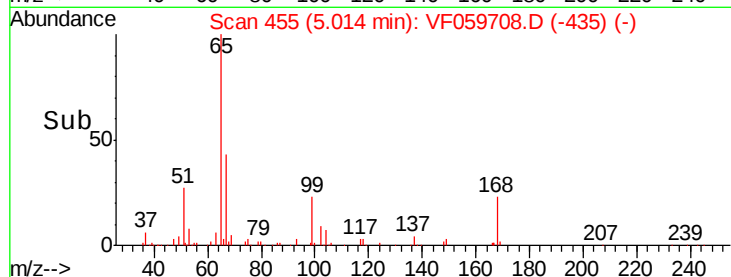
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059708.D

Acq: 31 Jul 2018 14:43

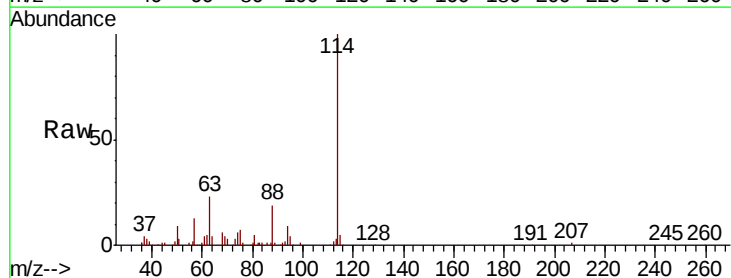
Tgt Ion: 114 Resp: 149627

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.4

88 19.1 0.0 41.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

60000

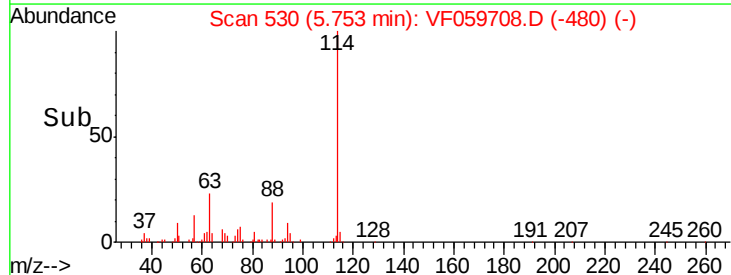
40000

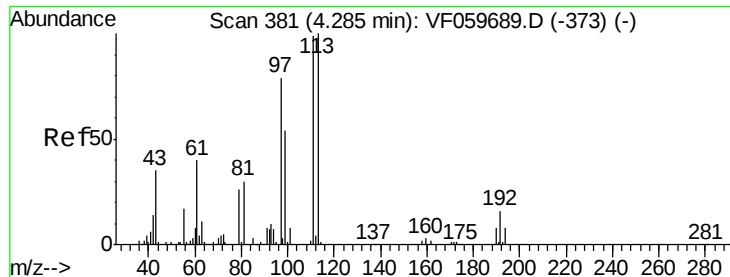
20000

0

5.60 5.70 5.80 5.90

Time-->





#35

Dibromofluoromethane

Concen: 71.682 ug/l

RT: 4.28 min Scan# 381

Delta R.T. -0.00 min

Lab File: VF059708.D

Acq: 31 Jul 2018 14:43

Instrument :

MSVOA_F

ClientSampleId :

EPE-F-8(95-97)

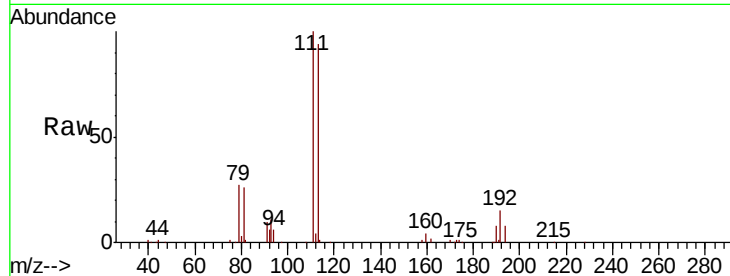
Tot Ion:113 Resp: 111401

Ion Ratio Lower Upper

113 100

111 106.3 79.0 118.4

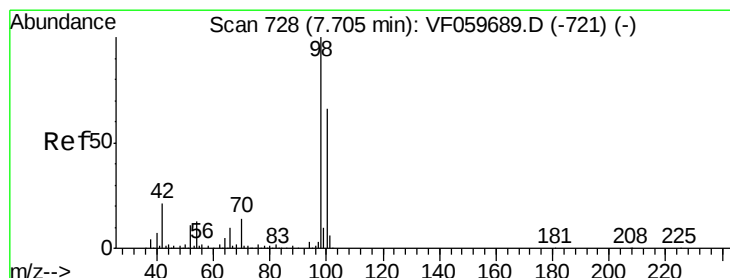
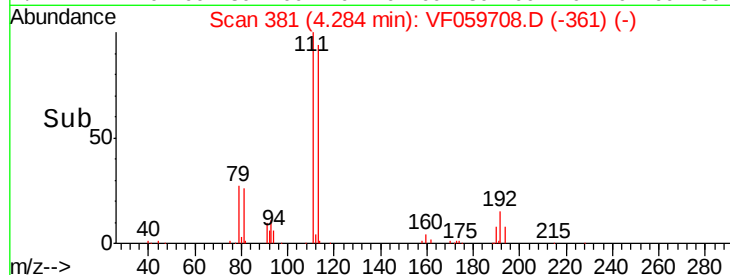
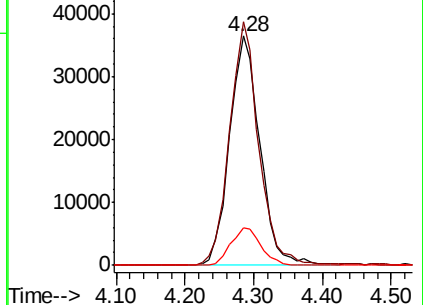
192 16.4 13.2 19.8



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 31.578 ug/l

RT: 7.70 min Scan# 728

Delta R.T. -0.00 min

Lab File: VF059708.D

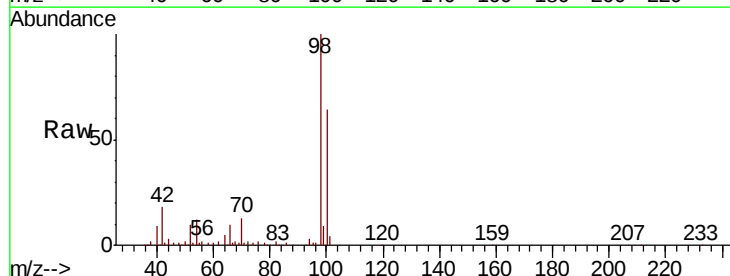
Acq: 31 Jul 2018 14:43

Tgt Ion: 98 Resp: 114440

Ion Ratio Lower Upper

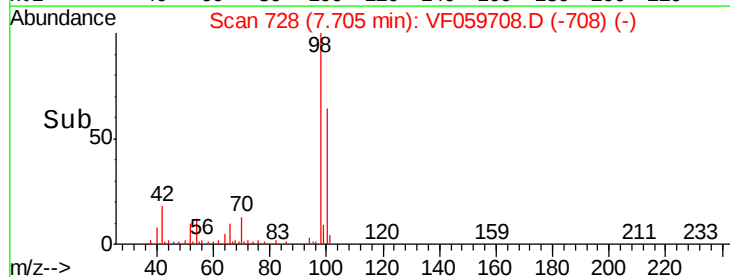
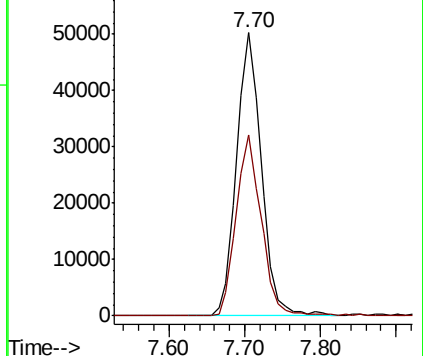
98 100

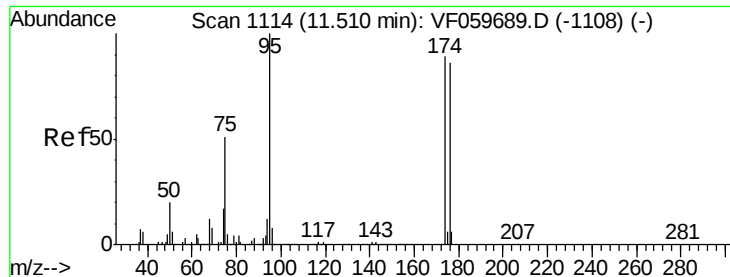
100 64.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 7.122 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VF059708.D

Acq: 31 Jul 2018 14:43

Instrument :

MSVOA_F

ClientSampleId :

EPE-F-8(95-97)

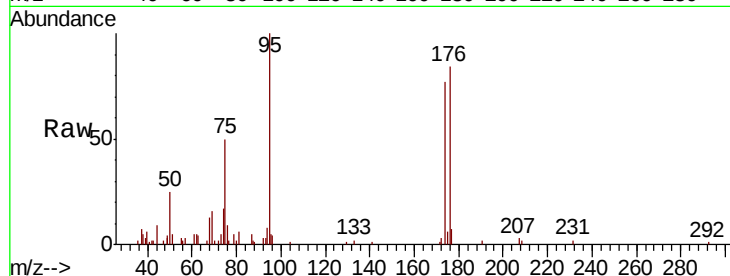
Tot Ion: 95 Resp: 14288

Ion Ratio Lower Upper

95 100

174 74.0 0.0 178.4

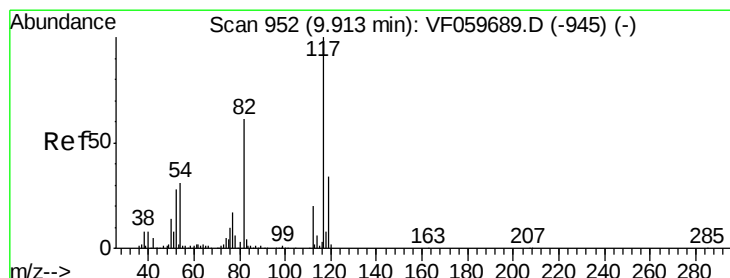
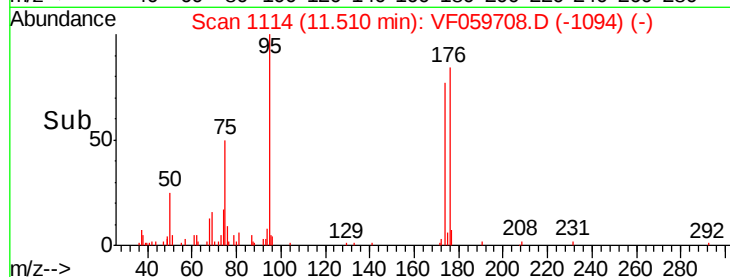
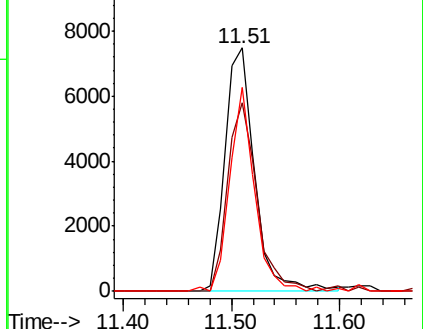
176 80.0 0.0 173.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 952

Delta R.T. -0.00 min

Lab File: VF059708.D

Acq: 31 Jul 2018 14:43

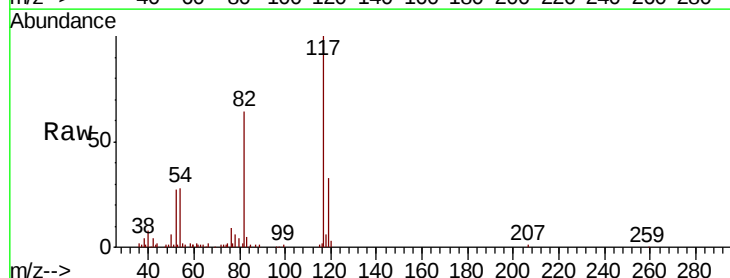
Tgt Ion: 117 Resp: 64244

Ion Ratio Lower Upper

117 100

82 64.5 49.0 73.4

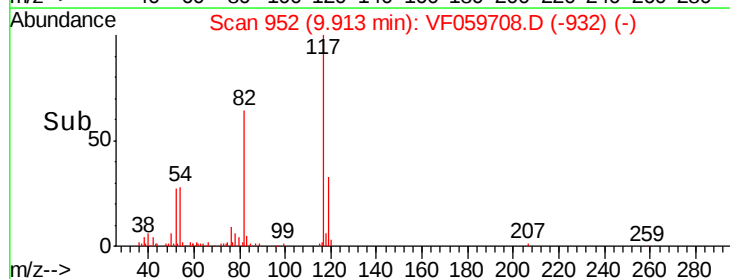
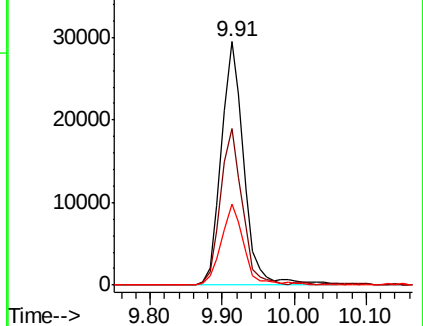
119 33.2 27.3 40.9

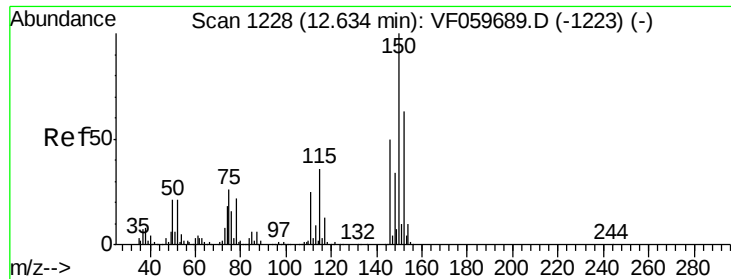


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



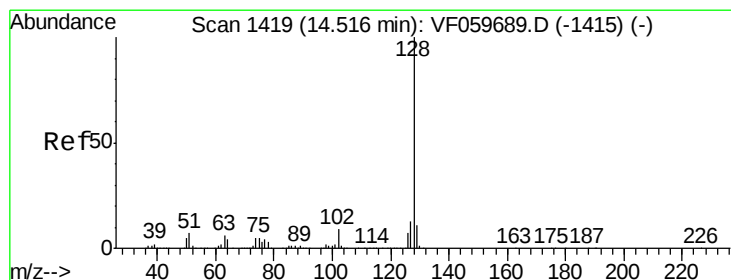
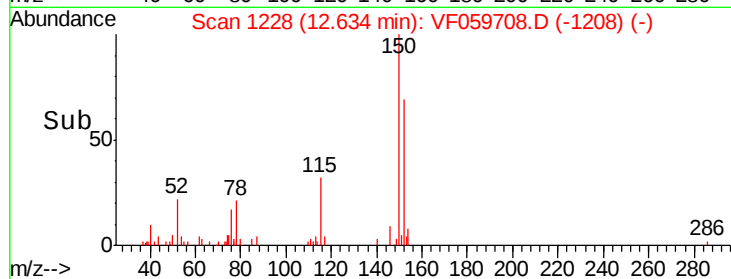
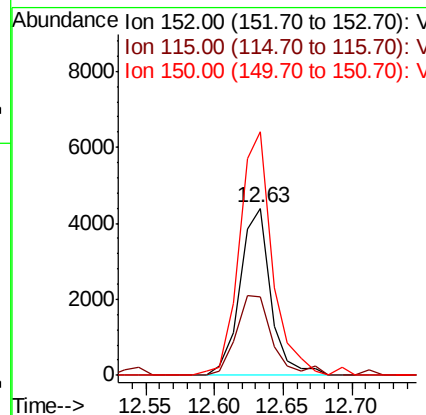
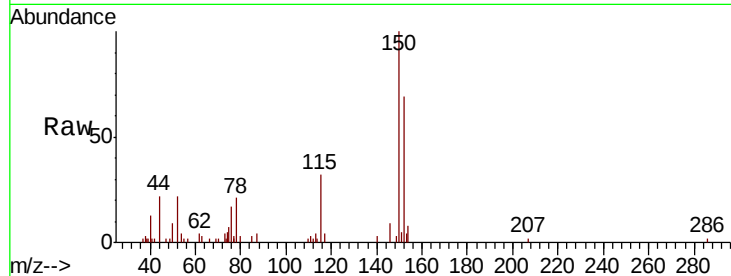


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(95-97)

Tot Ion	Ratio	Lower	Upper
152	100		
115	46.9	28.2	84.6
150	145.5	0.0	316.2



#95

Naphthalene
Concen: 14.305 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.00 min
Lab File: VF059708.D
Acq: 31 Jul 2018 14:43

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.0	15.0
129	12.5	8.6	13.0

