

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070218\
 Data File : VF059401.D
 Acq On : 2 Jul 2018 21:46
 Operator : VA/AP
 Sample : J3802-07RE
 Misc : 6.52g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CF-7(3.0)RE

Quant Time: Jul 03 03:25:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

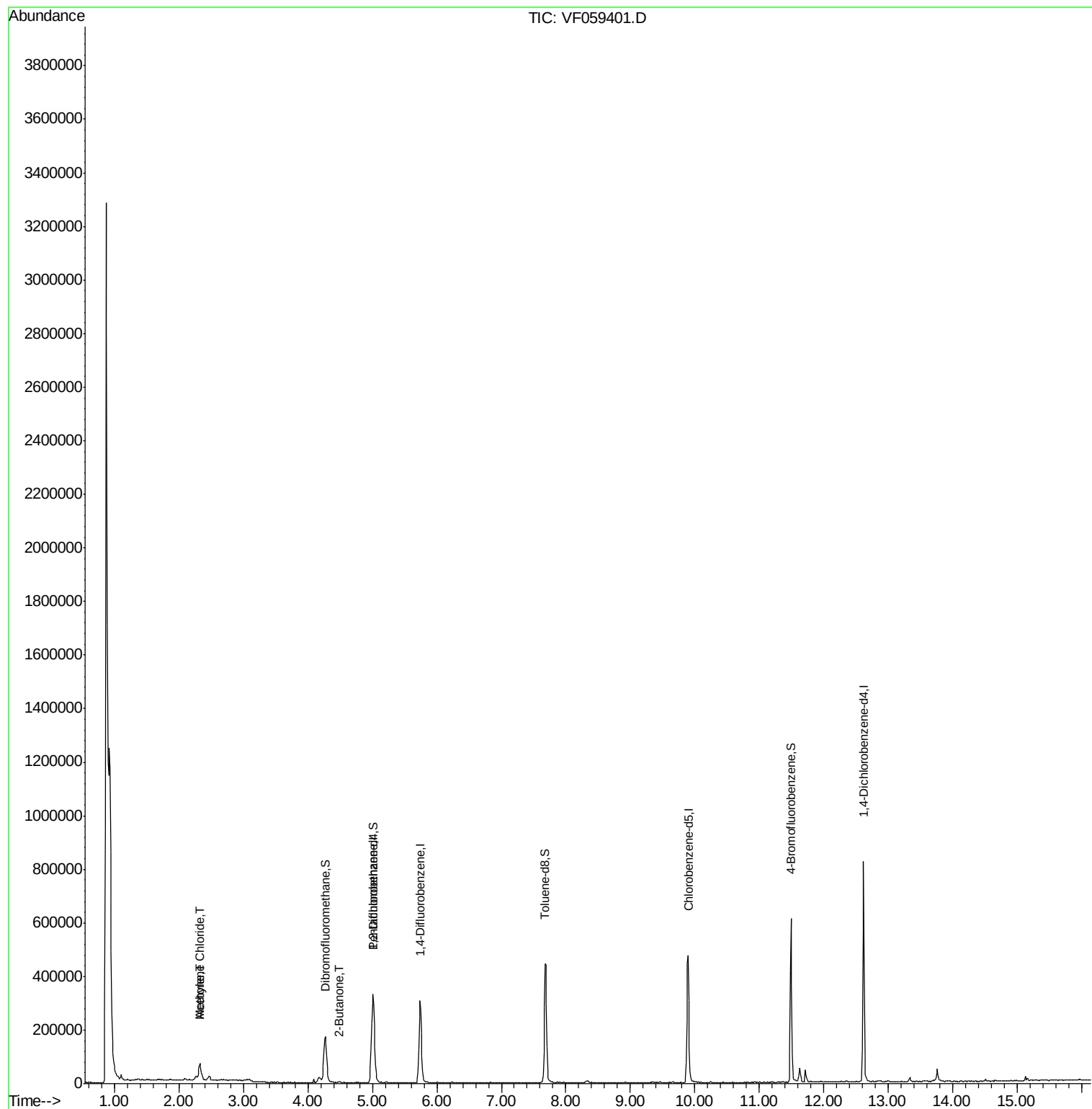
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	216000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	328135	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	335763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	204523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	172723	61.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.78%	
35) Dibromofluoromethane	4.27	113	160909	67.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.22%	
50) Toluene-d8	7.69	98	376804	63.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.96%	
62) 4-Bromofluorobenzene	11.49	95	199709	59.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.28%	
Target Compounds						
16) Acetone	2.33	43	97580	135.33	ug/l #	93
20) Methylene Chloride	2.31	84	14496	2.20	ug/l	83
25) 2-Butanone	4.50	43	7261	5.92	ug/l #	67

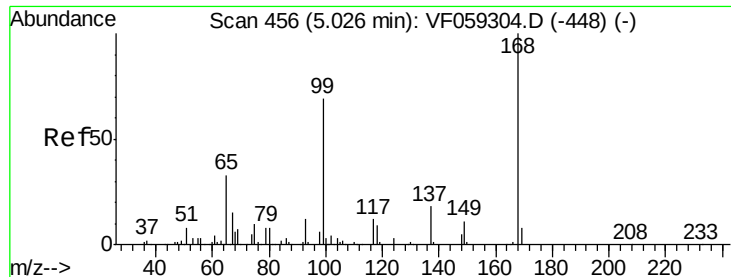
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF070218\
Data File : VF059401.D
Acq On : 2 Jul 2018 21:46
Operator : VA/AP
Sample : J3802-07RE
Misc : 6.52g/5mL/MSVOA-F/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CF-7(3.0)RE

Quant Time: Jul 03 03:25:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059401.D

Acq: 2 Jul 2018 21:46

Instrument :

MSVOA_F

ClientSampleId :

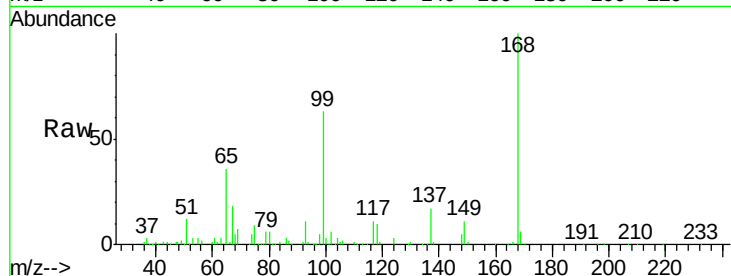
CF-7(3.0)RE

Tot Ion:168 Resp: 216000

Ion Ratio Lower Upper

168 100

99 62.5 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

80000

60000

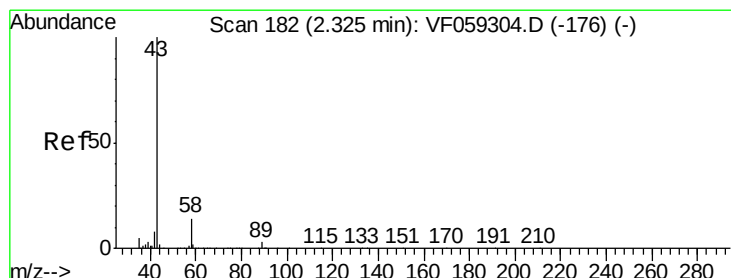
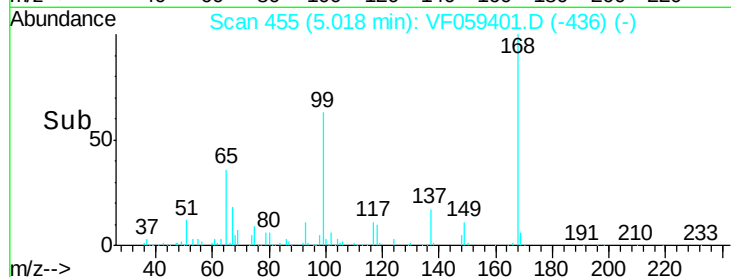
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 135.33 ug/l

RT: 2.33 min Scan# 182

Delta R.T. 0.00 min

Lab File: VF059401.D

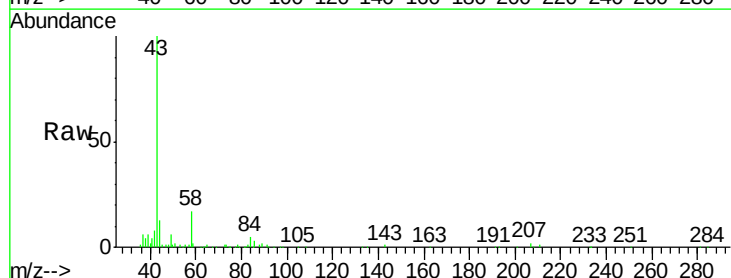
Acq: 2 Jul 2018 21:46

Tgt Ion: 43 Resp: 97580

Ion Ratio Lower Upper

43 100

58 17.1 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

40000

30000

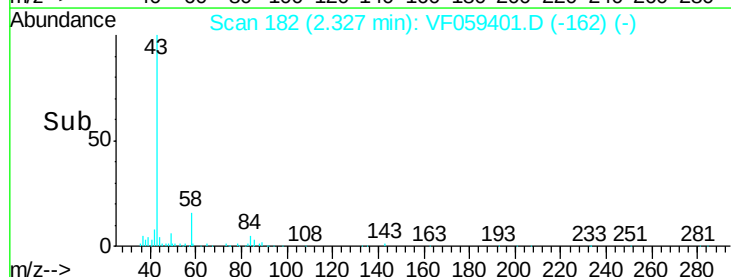
20000

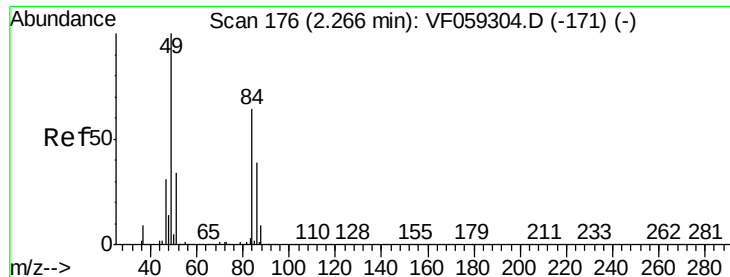
10000

0

Time-->

2.20 2.30 2.40

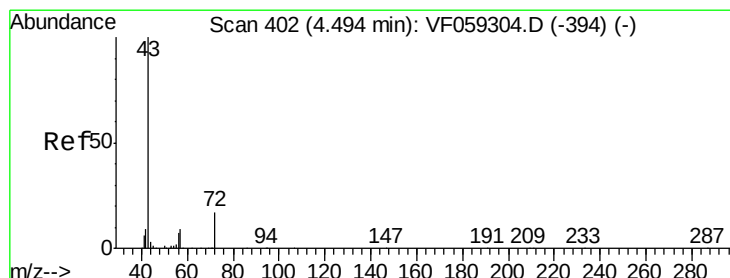
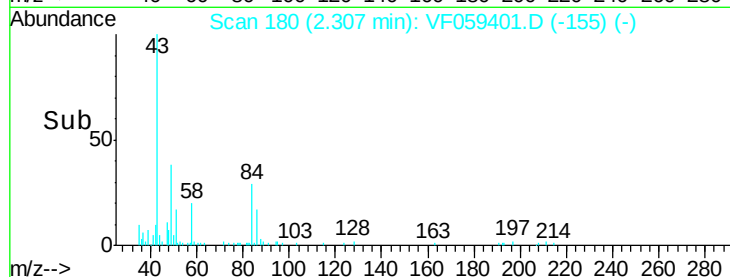
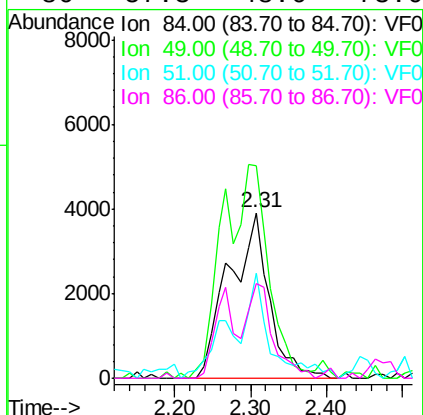
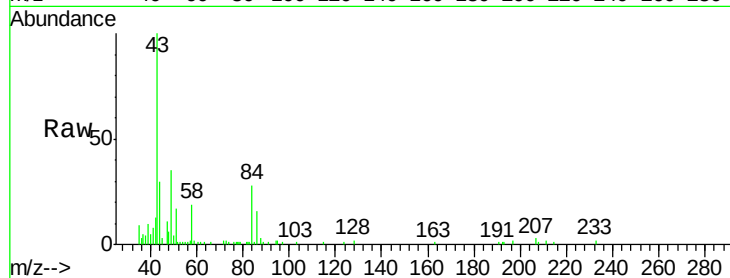




#20
Methylene Chloride
Concen: 2.20 ug/l
RT: 2.31 min Scan# 180
Delta R.T. 0.04 min
Lab File: VF059401.D
Acq: 2 Jul 2018 21:46

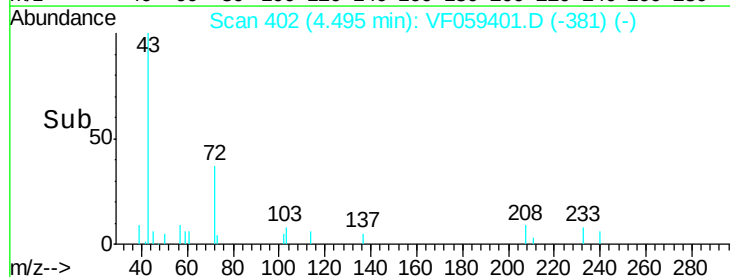
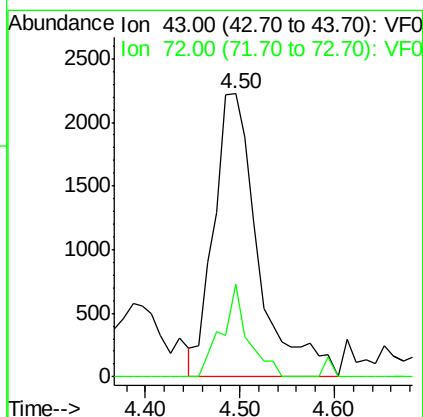
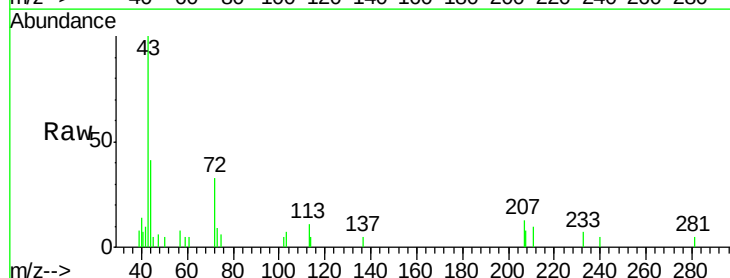
Instrument :
MSVOA_F
ClientSampleId :
CF-7(3.0)RE

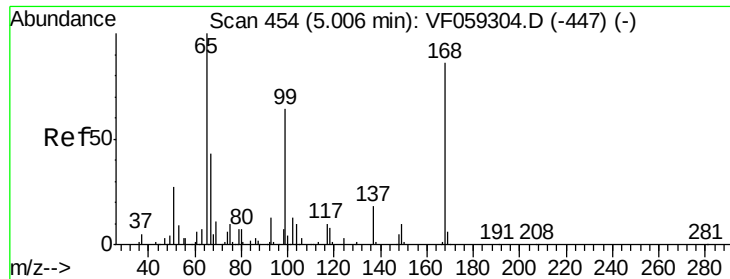
Tot Ion:	84	Resp:	14496
Ion	Ratio	Lower	Upper
84	100		
49	128.6	126.5	189.7
51	63.3	42.9	64.3
86	57.3	48.6	73.0



#25
2-Butanone
Concen: 5.92 ug/l
RT: 4.50 min Scan# 402
Delta R.T. 0.00 min
Lab File: VF059401.D
Acq: 2 Jul 2018 21:46

Tgt Ion:	43	Resp:	7261
Ion	Ratio	Lower	Upper
43	100		
72	32.6	14.4	21.6#





#33

1,2-Dichloroethane-d4

Concen: 61.89 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059401.D

Acq: 2 Jul 2018 21:46

Instrument :

MSVOA_F

ClientSampleId :

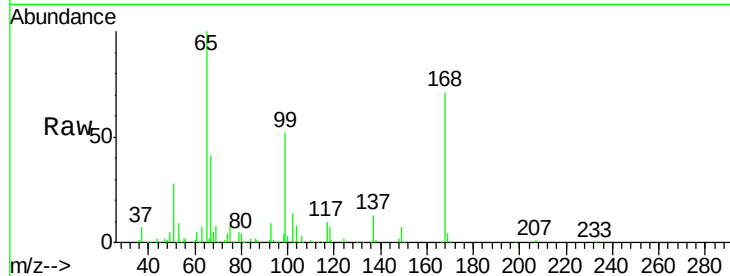
CF-7(3.0)RE

Tot Ion: 65 Resp: 172723

Ion Ratio Lower Upper

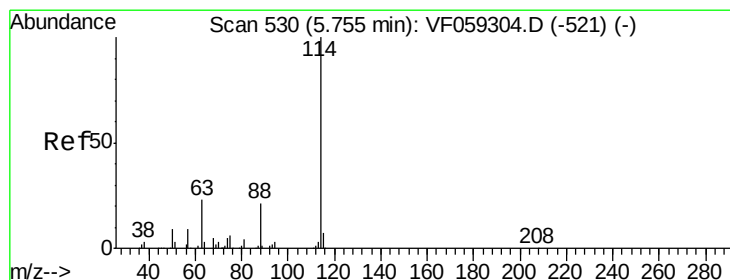
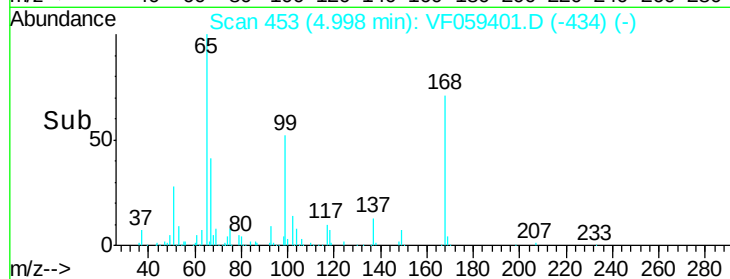
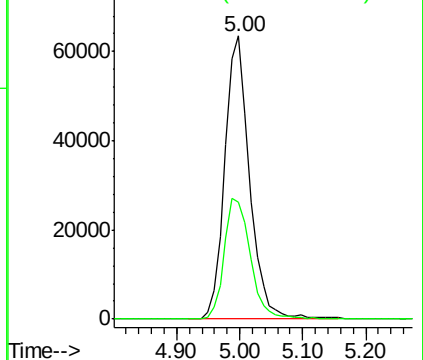
65 100

67 41.2 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.74 min Scan# 528

Delta R.T. -0.02 min

Lab File: VF059401.D

Acq: 2 Jul 2018 21:46

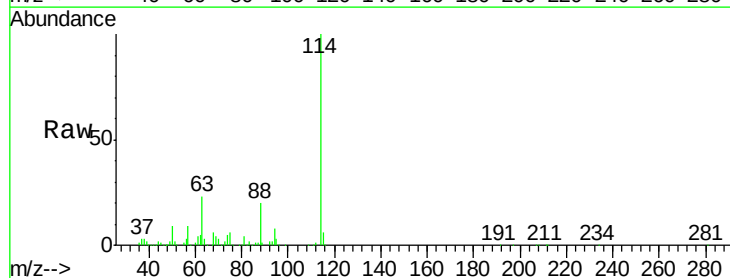
Tgt Ion: 114 Resp: 328135

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.8

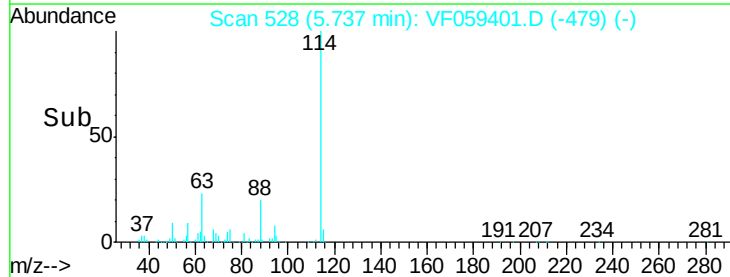
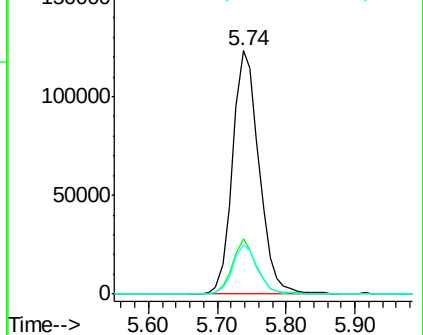
88 19.9 0.0 41.2

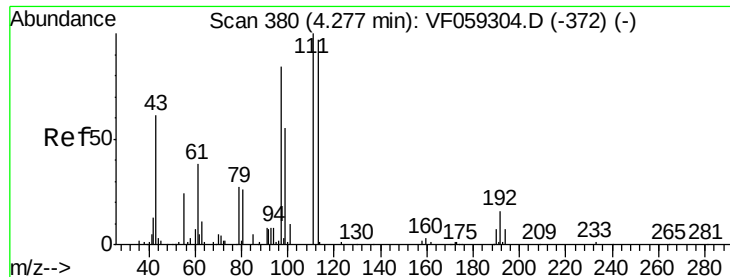


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 67.11 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059401.D

Acq: 2 Jul 2018 21:46

Instrument :

MSVOA_F

ClientSampleId :

CF-7(3.0)RE

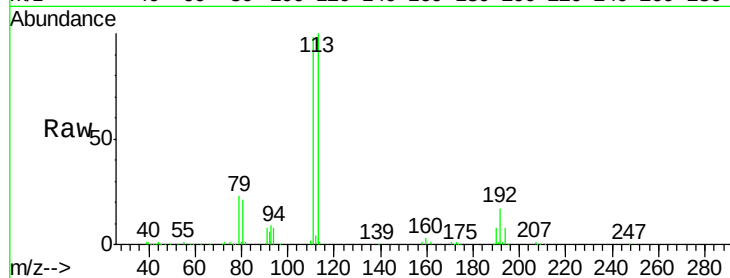
Tot Ion:113 Resp: 160909

Ion Ratio Lower Upper

113 100

111 97.6 82.1 123.1

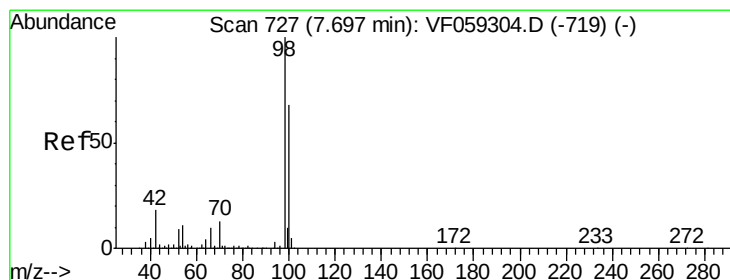
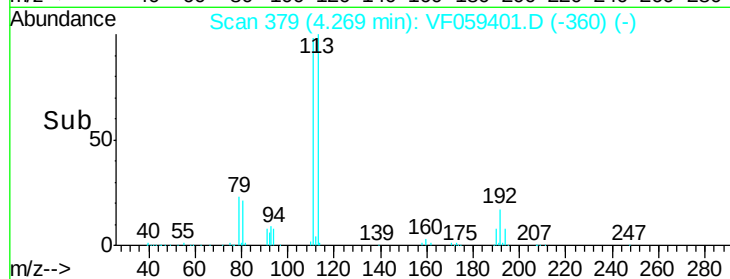
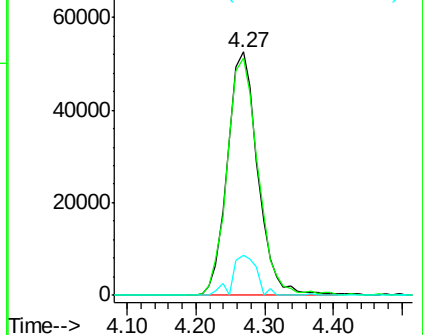
192 16.6 13.0 19.6



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: 63.48 ug/l

RT: 7.69 min Scan# 726

Delta R.T. -0.01 min

Lab File: VF059401.D

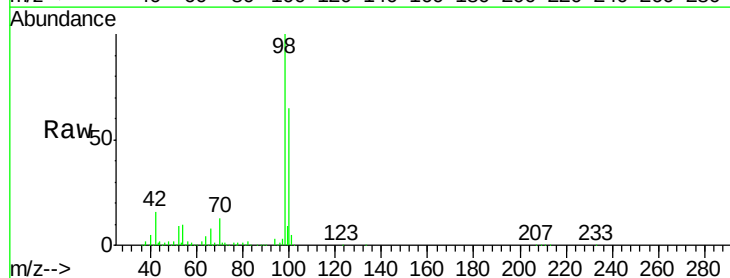
Acq: 2 Jul 2018 21:46

Tgt Ion: 98 Resp: 376804

Ion Ratio Lower Upper

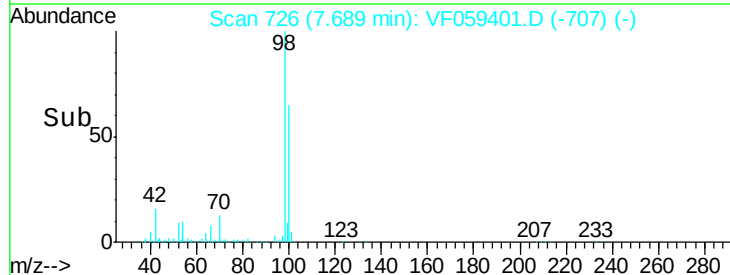
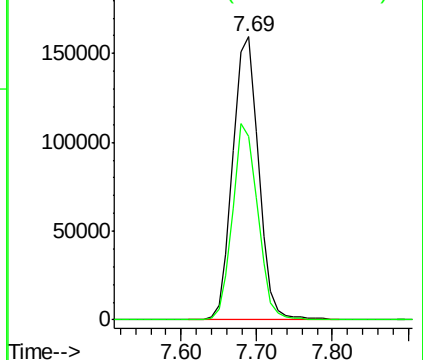
98 100

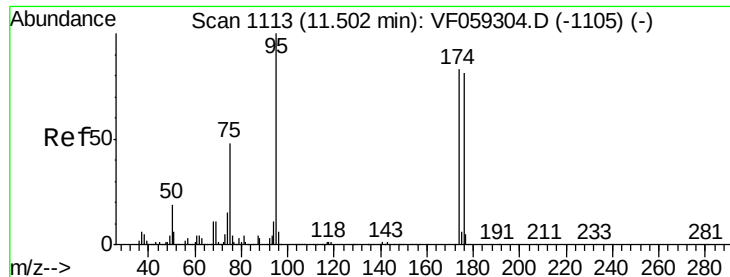
100 65.0 54.6 82.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 59.64 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059401.D

Acq: 2 Jul 2018 21:46

Instrument :

MSVOA_F

ClientSampleId :

CF-7(3.0)RE

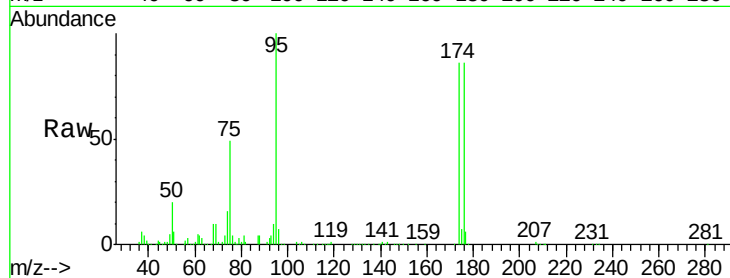
Tot Ion: 95 Resp: 199709

Ion Ratio Lower Upper

95 100

174 86.0 0.0 165.2

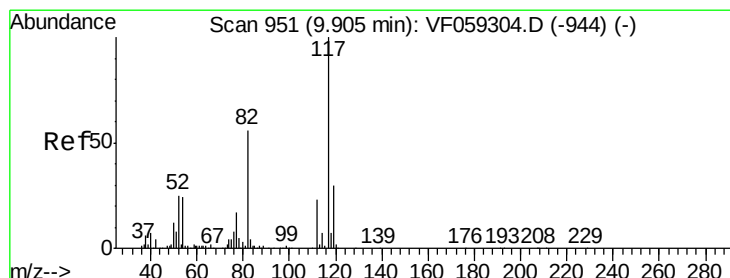
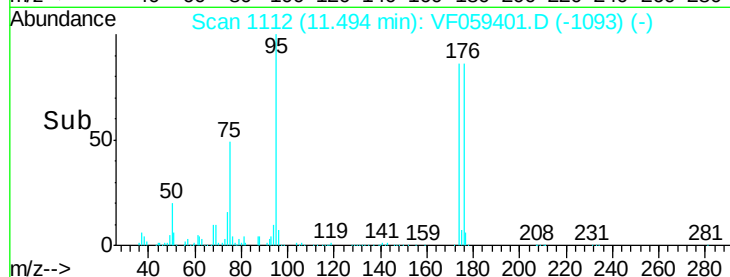
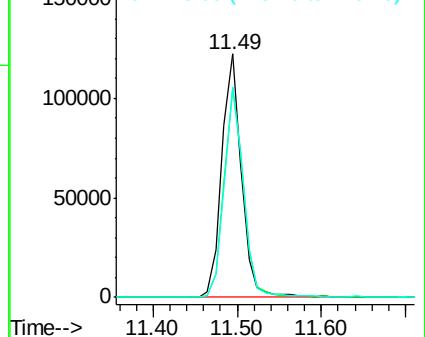
176 86.2 0.0 161.0



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: 50.00 ug/l

RT: 9.90 min Scan# 950

Delta R.T. -0.01 min

Lab File: VF059401.D

Acq: 2 Jul 2018 21:46

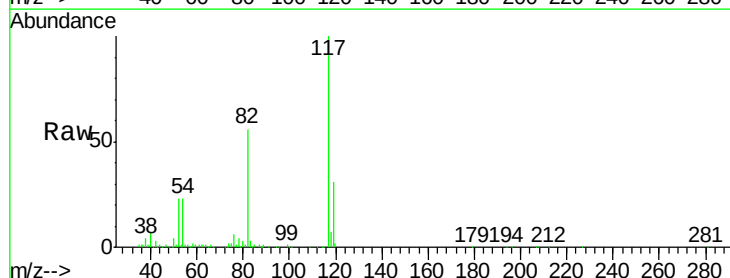
Tgt Ion: 117 Resp: 335763

Ion Ratio Lower Upper

117 100

82 55.6 44.6 66.8

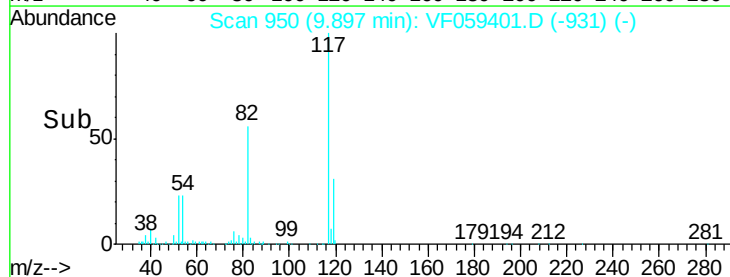
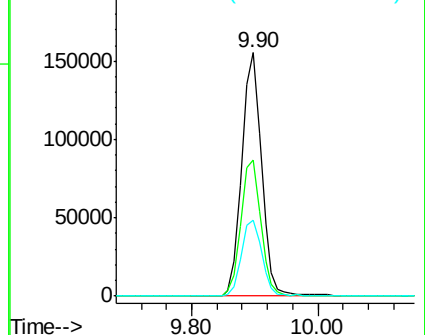
119 31.3 24.1 36.1

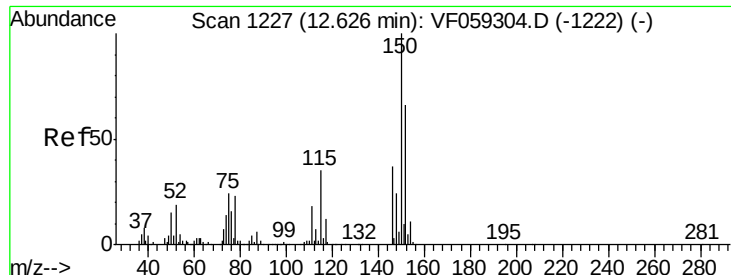


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V

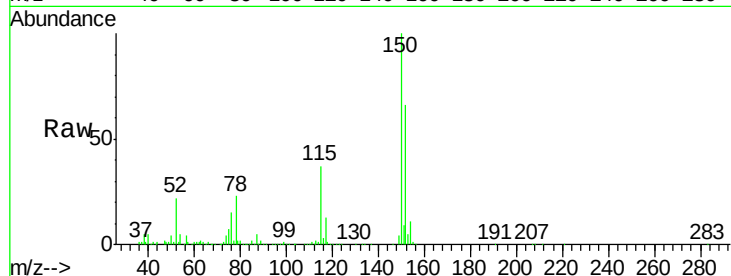




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.62 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: VF059401.D
 Acq: 2 Jul 2018 21:46

Instrument :
 MSVOA_F
 ClientSampleId :
 CF-7(3.0)RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.1	81.3
150	150.8	0.0	305.2



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

