

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070218\
 Data File : VF059399.D
 Acq On : 2 Jul 2018 20:51
 Operator : VA/AP
 Sample : J3802-05RE
 Misc : 6.01g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CF-5(6.0)RE

Quant Time: Jul 03 11:49:50 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	5.01	168	151349	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.74	114	227500	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.89	117	200939	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	118464	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	109692	56.10	ug/l	0.00
Spiked Amount						
			Recovery	=	112.20%	
35) Dibromofluoromethane	4.28	113	103041	61.99	ug/l	0.00
Spiked Amount						
			Recovery	=	123.98%	
50) Toluene-d8	7.69	98	245402	59.63	ug/l	-0.01
Spiked Amount						
			Recovery	=	119.26%	
62) 4-Bromofluorobenzene	11.49	95	123782	53.32	ug/l	-0.01
Spiked Amount						
			Recovery	=	106.64%	

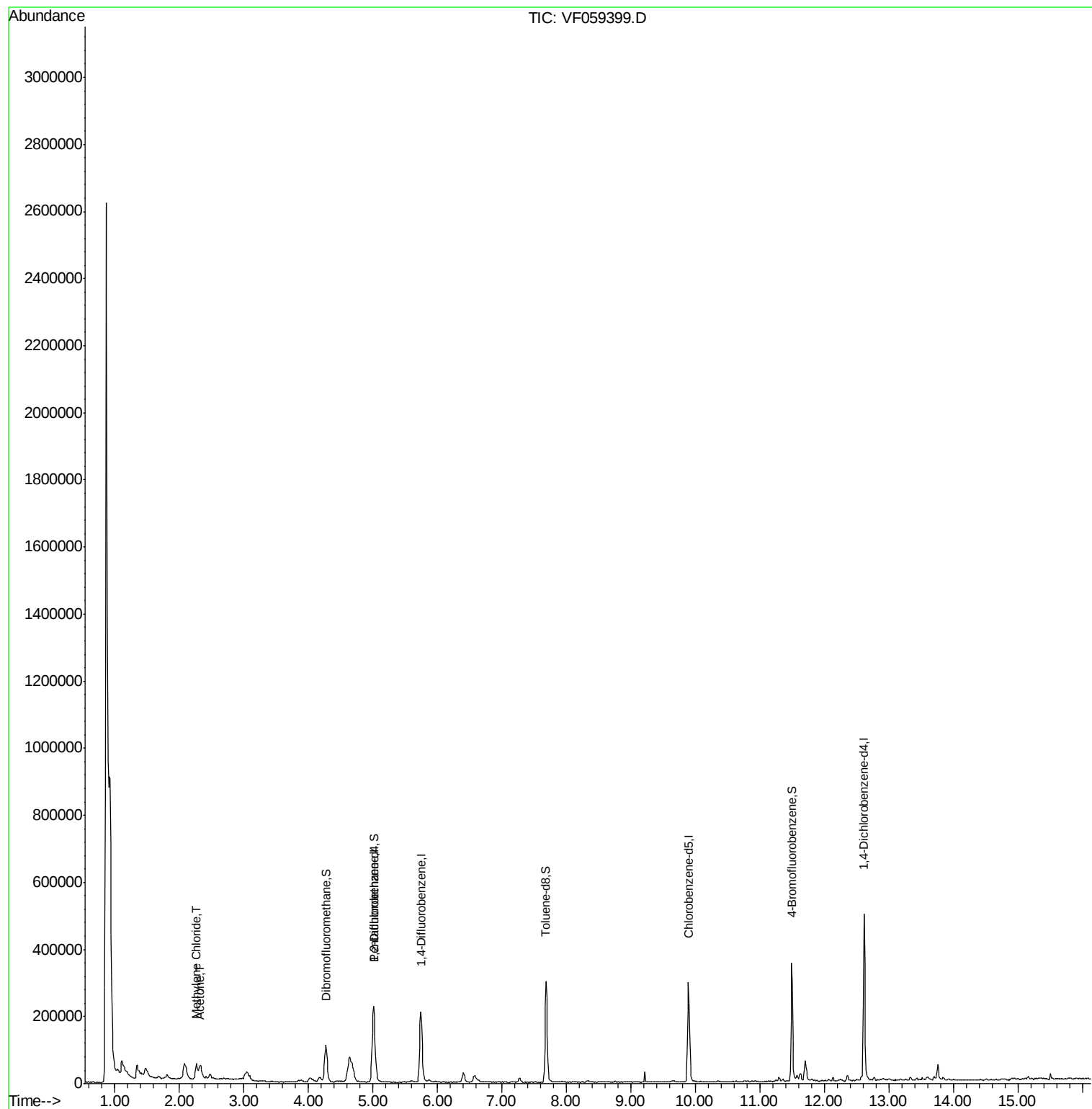
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.33	43	56080	109.09	ug/l	100
20) Methylene Chloride	2.27	84	16005	8.46	ug/l #	89

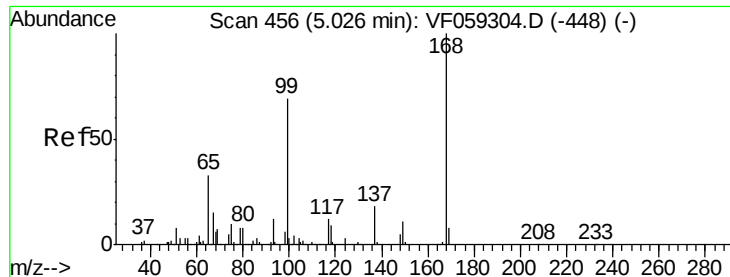
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059399.D

Acq: 2 Jul 2018 20:51

Instrument :

MSVOA_F

ClientSampleId :

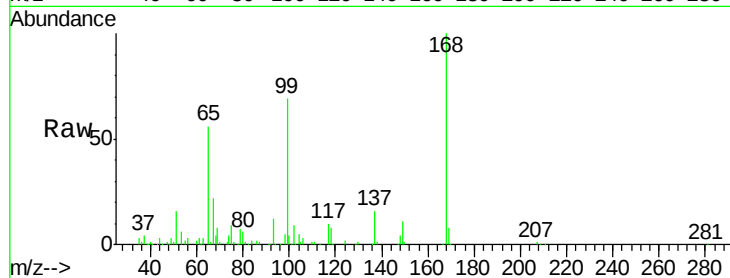
CF-5(6.0)RE

Tot Ion:168 Resp: 151349

Ion Ratio Lower Upper

168 100

99 68.7 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.01

60000

50000

40000

30000

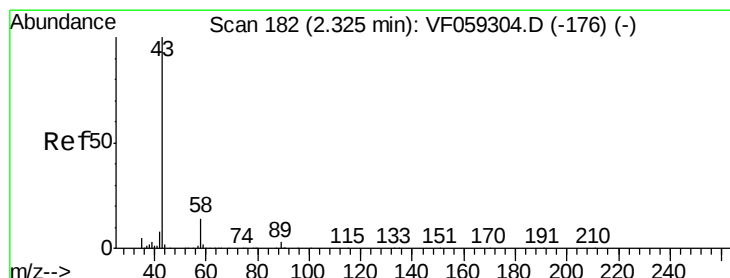
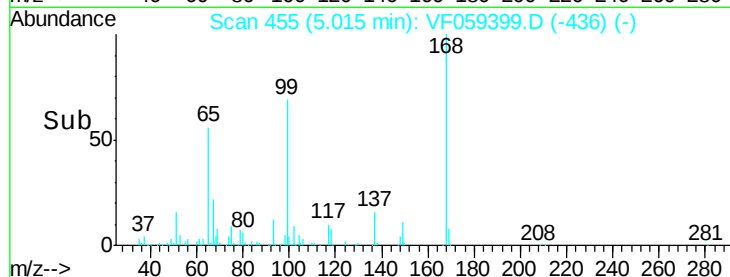
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 109.09 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059399.D

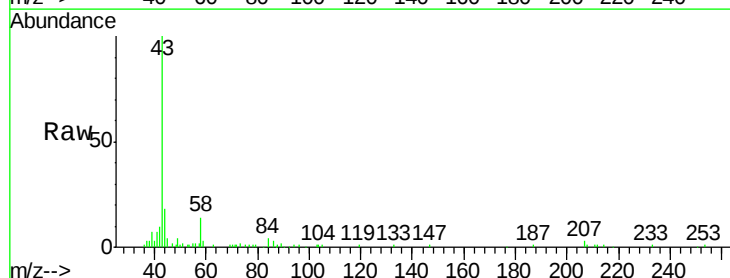
Acq: 2 Jul 2018 20:51

Tgt Ion: 43 Resp: 56080

Ion Ratio Lower Upper

43 100

58 14.4 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

25000

20000

15000

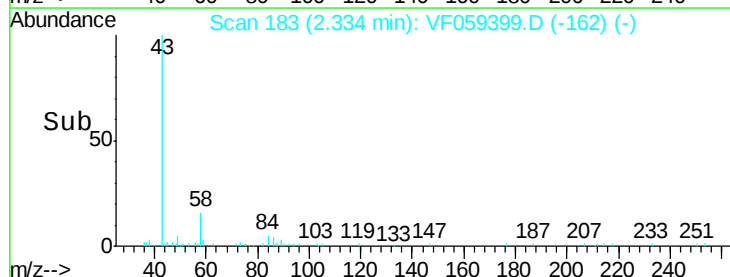
10000

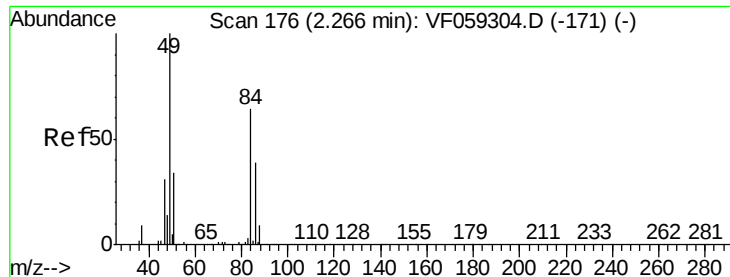
5000

0

Time-->

2.25 2.30 2.35 2.40 2.45

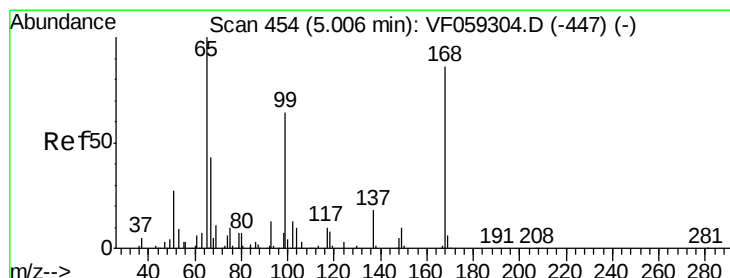
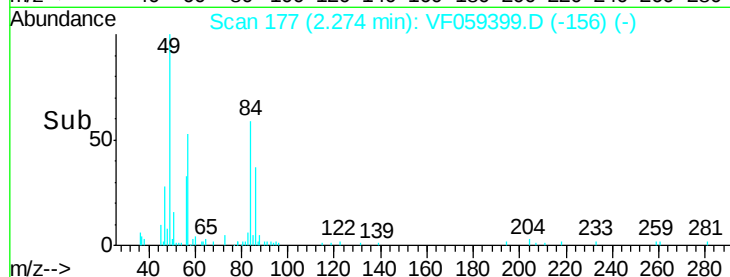
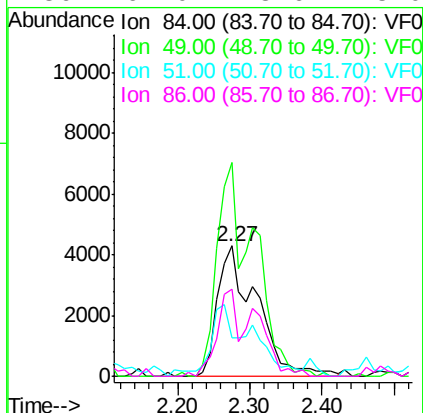
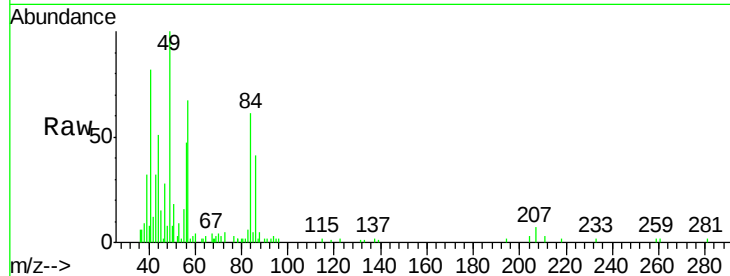




#20
Methylene Chloride
Concen: 8.46 ug/l
RT: 2.27 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF059399.D
Acq: 2 Jul 2018 20:51

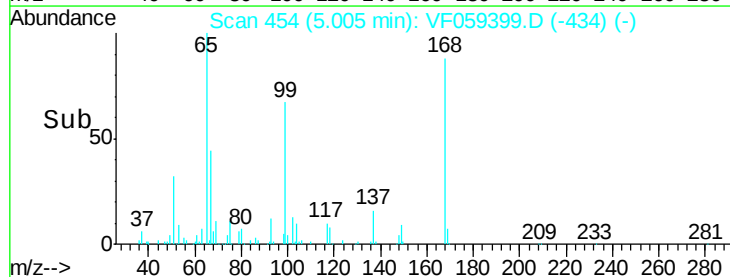
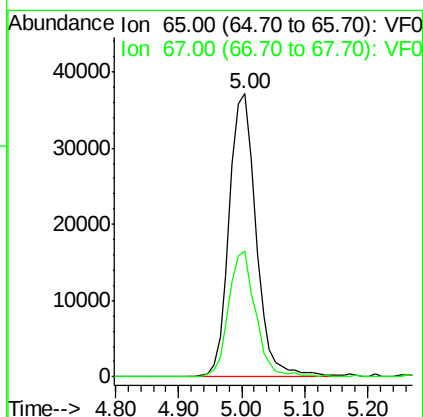
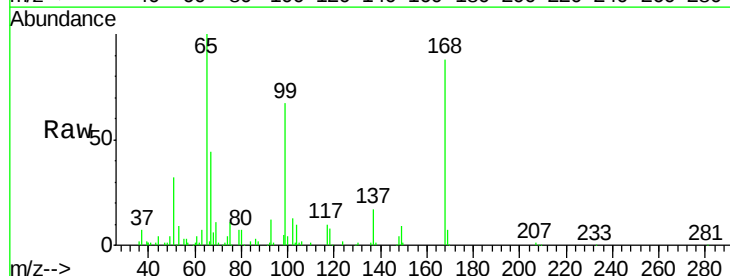
Instrument :
MSVOA_F
ClientSampleId :
CF-5(6.0)RE

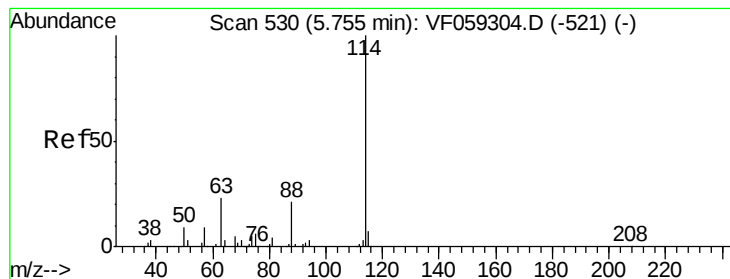
Tot Ion	Ratio	Lower	Upper
84	100		
49	163.7	126.5	189.7
51	29.8	42.9	64.3
86	67.0	48.6	73.0



#33
1,2-Dichloroethane-d4
Concen: 56.10 ug/l
RT: 5.00 min Scan# 454
Delta R.T. -0.00 min
Lab File: VF059399.D
Acq: 2 Jul 2018 20:51

Tgt Ion	Ratio	Lower	Upper
65	100		
67	44.3	0.0	96.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.74 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059399.D

Acq: 2 Jul 2018 20:51

Instrument :

MSVOA_F

ClientSampleId :

CF-5(6.0)RE

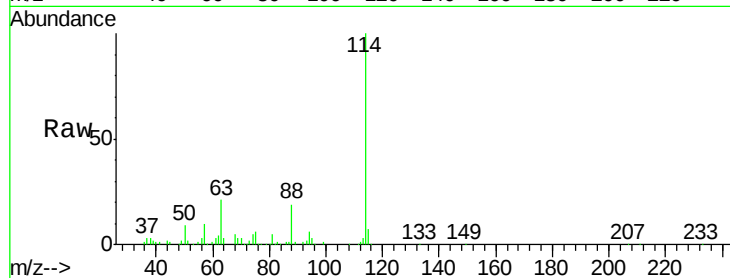
Tot Ion:114 Resp: 227500

Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.8

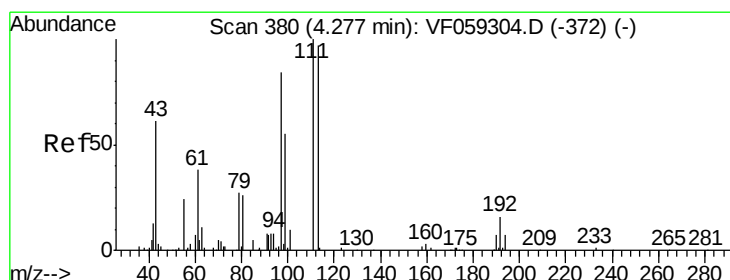
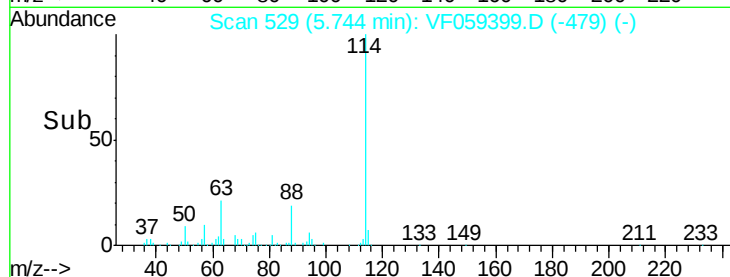
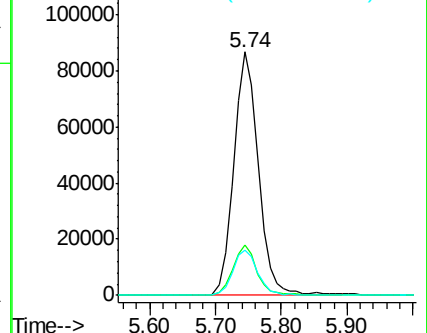
88 18.6 0.0 41.2



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: 61.99 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059399.D

Acq: 2 Jul 2018 20:51

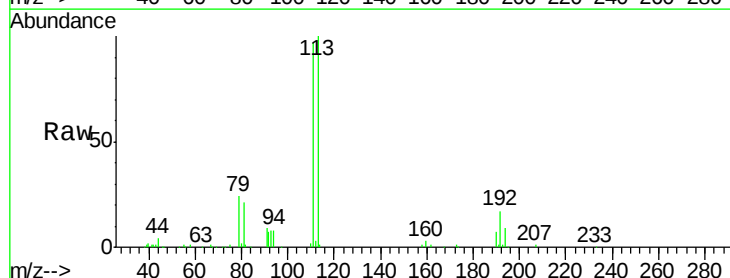
Tgt Ion:113 Resp: 103041

Ion Ratio Lower Upper

113 100

111 96.5 82.1 123.1

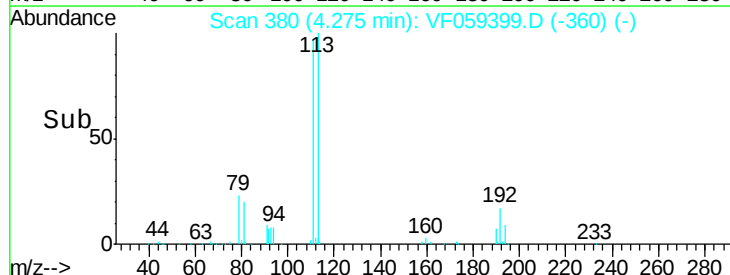
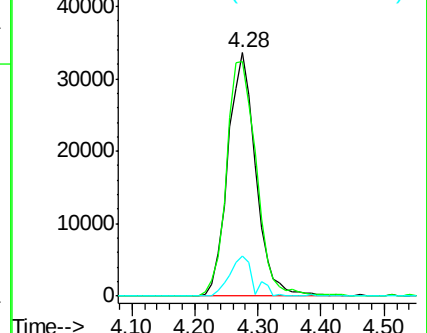
192 16.6 13.0 19.6

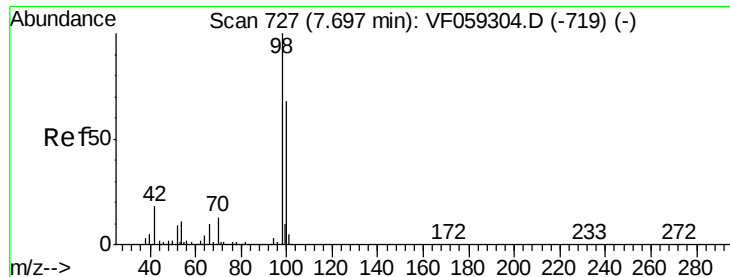


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 59.63 ug/l

RT: 7.69 min Scan# 726

Delta R.T. -0.01 min

Lab File: VF059399.D

Acq: 2 Jul 2018 20:51

Instrument :

MSVOA_F

ClientSampleId :

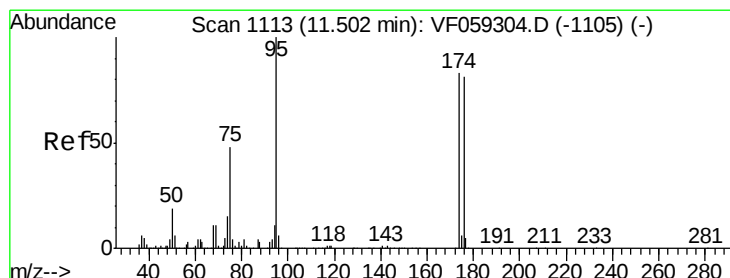
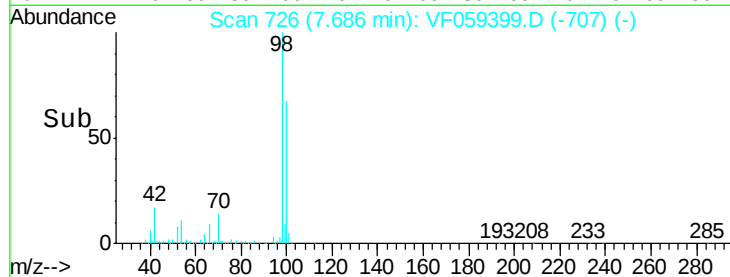
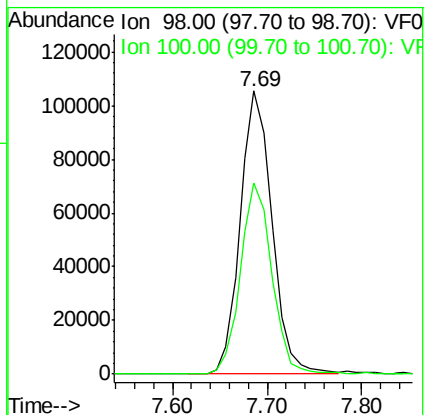
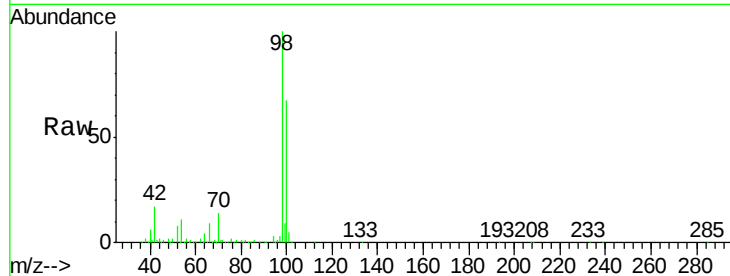
CF-5(6.0)RE

Tot Ion: 98 Resp: 245402

Ion Ratio Lower Upper

98 100

100 67.4 54.6 82.0



#62

4-Bromofluorobenzene

Concen: 53.32 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059399.D

Acq: 2 Jul 2018 20:51

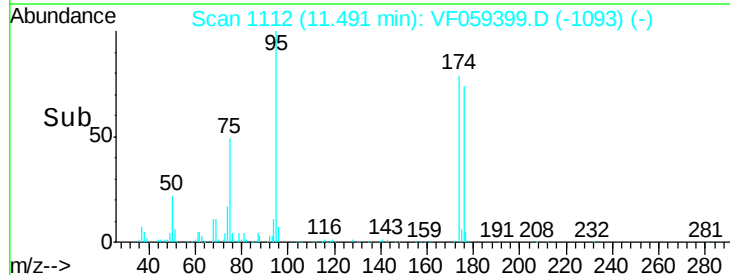
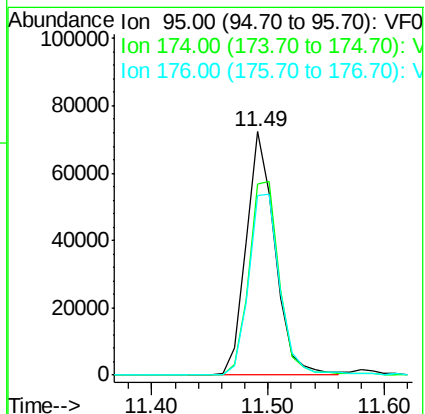
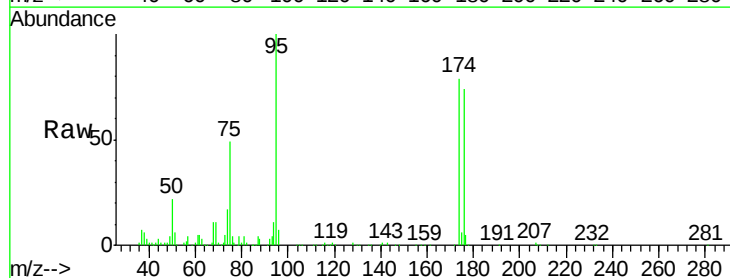
Tgt Ion: 95 Resp: 123782

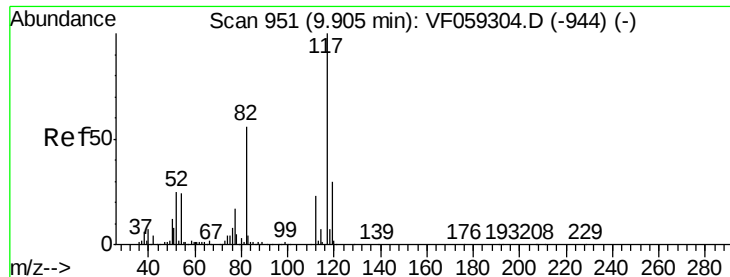
Ion Ratio Lower Upper

95 100

174 78.6 0.0 165.2

176 74.0 0.0 161.0

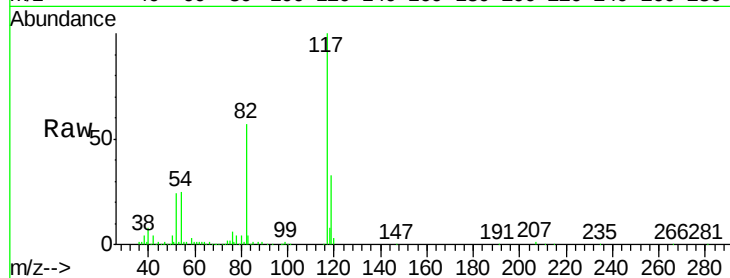




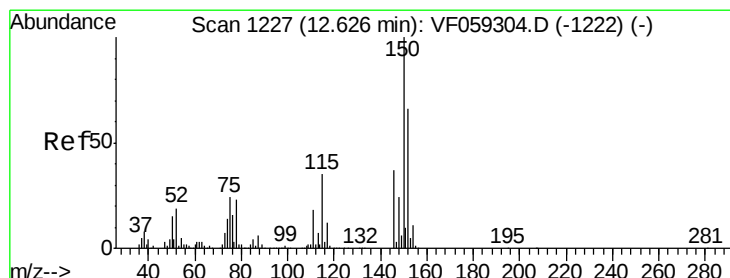
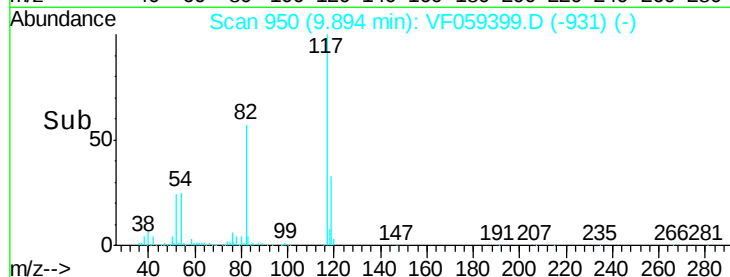
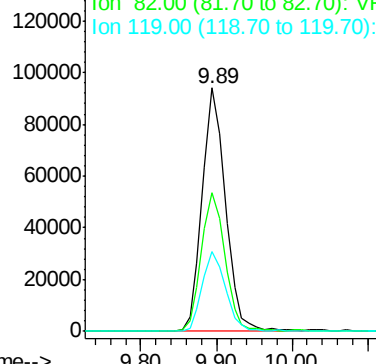
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059399.D
Acq: 2 Jul 2018 20:51

Instrument :
MSVOA_F
ClientSampleId :
CF-5(6.0)RE

Tot Ion:117 Resp: 200939
Ion Ratio Lower Upper
117 100
82 57.2 44.6 66.8
119 32.9 24.1 36.1

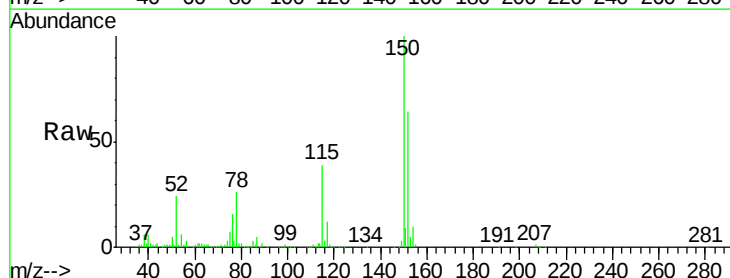


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF059399.D
Acq: 2 Jul 2018 20:51

Tgt Ion:152 Resp: 118464
Ion Ratio Lower Upper
152 100
115 60.9 27.1 81.3
150 155.4 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

