

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011119\
 Data File : VF061375.D
 Acq On : 11 Jan 2019 18:35
 Operator : VA/AP
 Sample : K1075-12RE
 Misc : 4.07g/5mL/MSVOA-F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BASIN-6RE

Quant Time: Jan 12 04:27:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

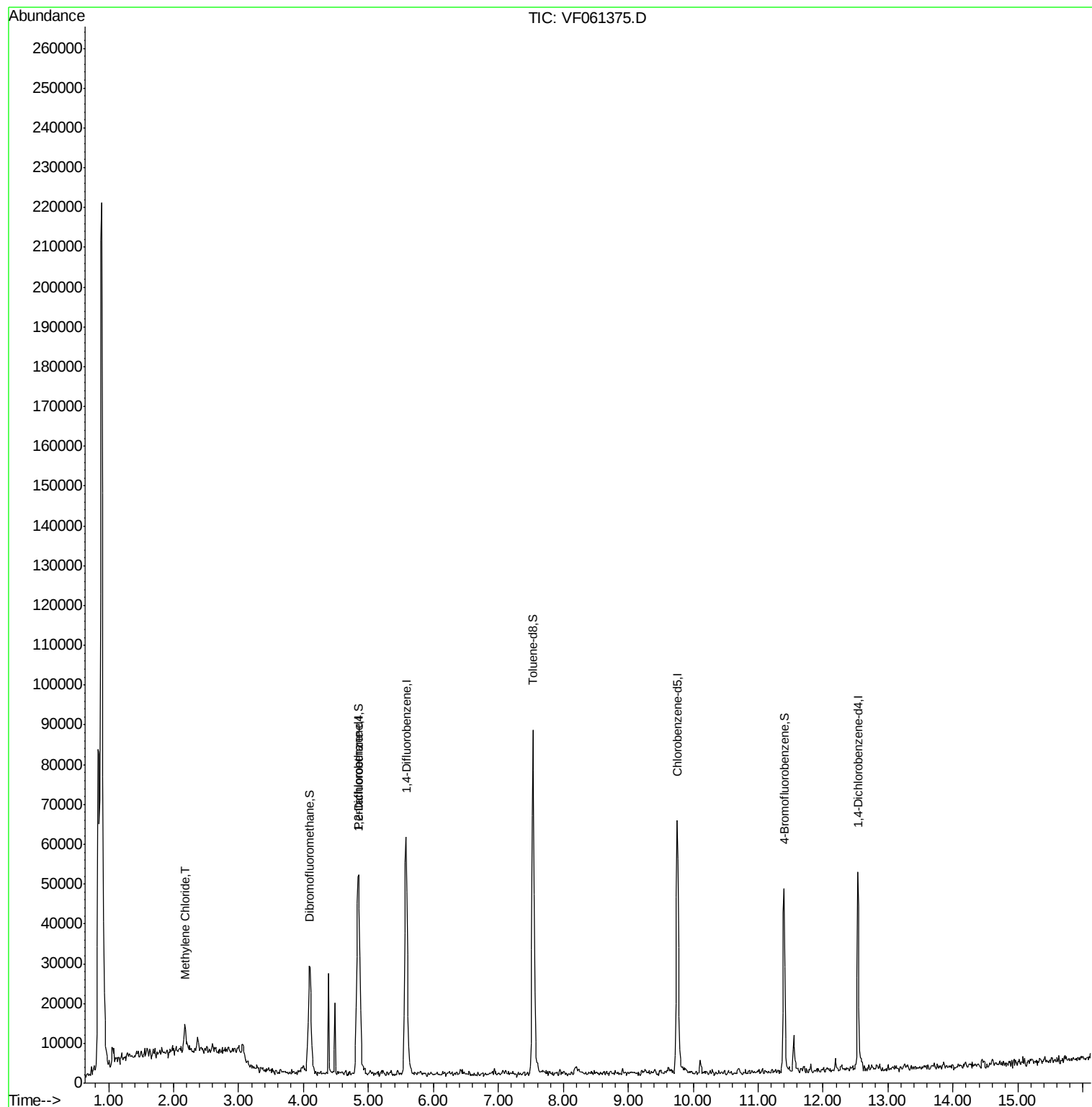
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	38219	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	67585	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	46994	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.53	152	12084	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	21691	50.99	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.98%	
35) Dibromofluoromethane	4.09	113	26235	50.73	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	7.53	98	74591	48.74	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.40	95	18632	27.88	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	55.76%	
Target Compounds						
20) Methylene Chloride	2.17	84	3374	8.059	ug/l #	Qvalue 87

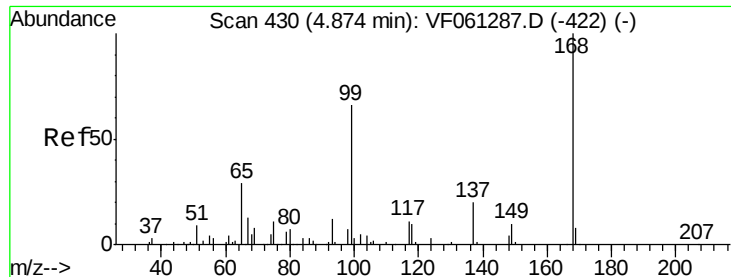
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061375.D

Acq: 11 Jan 2019 18:35

Instrument :

MSVOA_F

ClientSampleId :

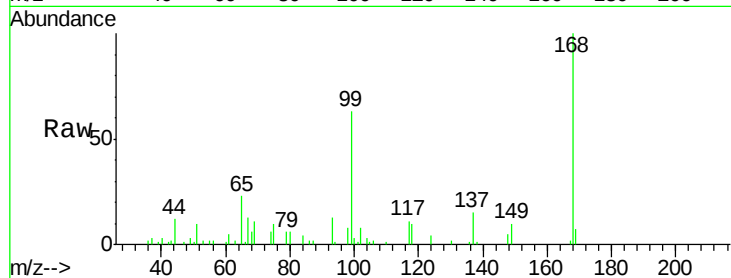
BASIN-6RE

Tot Ion:168 Resp: 38219

Ion Ratio Lower Upper

168 100

99 63.3 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

15000

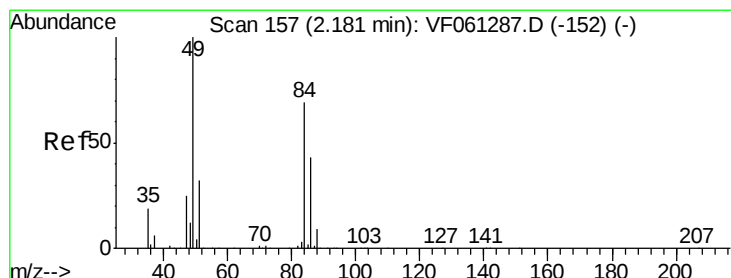
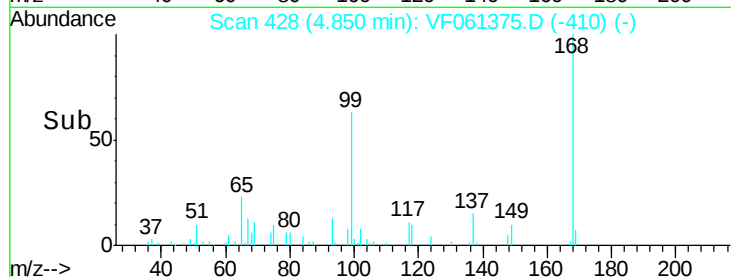
10000

5000

0

Time-->

4.70 4.80 4.90 5.00



#20

Methylene Chloride

Concen: 8.059 ug/l

RT: 2.17 min Scan# 156

Delta R.T. -0.01 min

Lab File: VF061375.D

Acq: 11 Jan 2019 18:35

Tgt Ion: 84 Resp: 3374

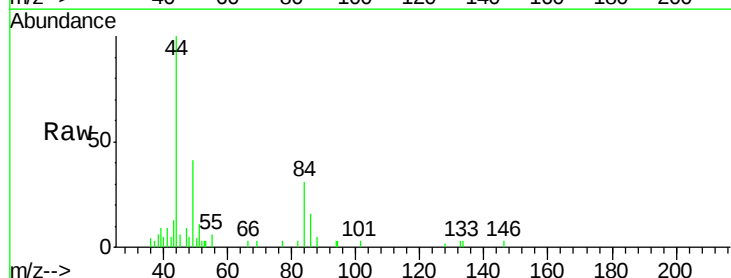
Ion Ratio Lower Upper

84 100

49 133.8 116.6 175.0

51 34.7 37.7 56.5#

86 50.6 49.8 74.8



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

2.17

3000

2500

2000

1500

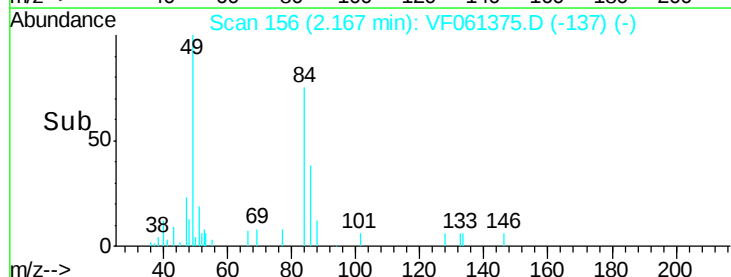
1000

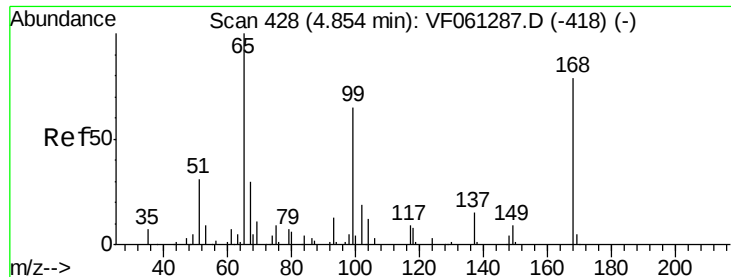
500

0

Time-->

2.10 2.15 2.20 2.25





#33

1,2-Dichloroethane-d4

Concen: 50.990 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061375.D

Acq: 11 Jan 2019 18:35

Instrument :

MSVOA_F

ClientSampleId :

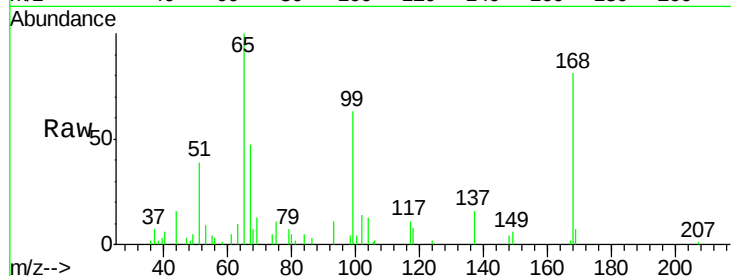
BASIN-6RE

Tot Ion: 65 Resp: 21691

Ion Ratio Lower Upper

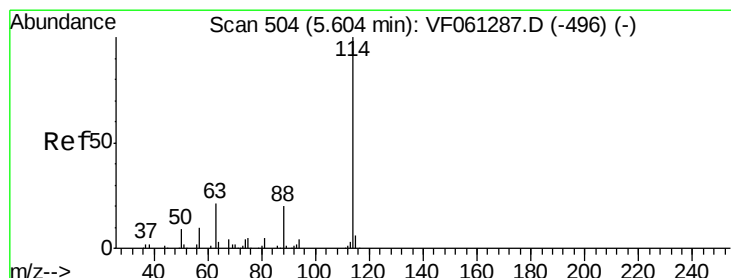
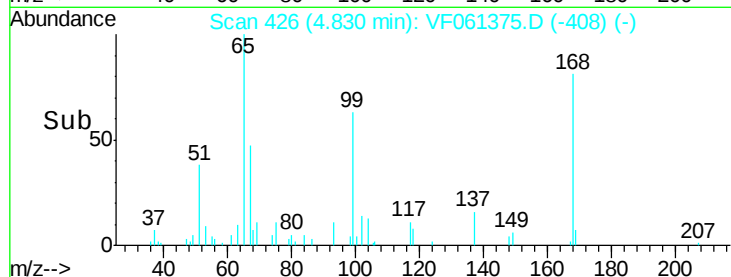
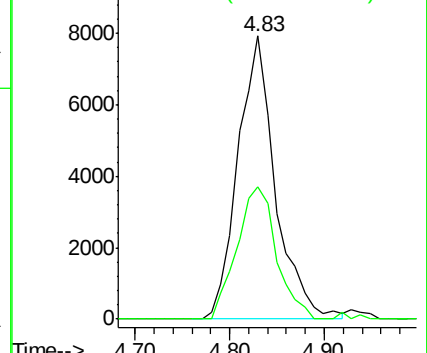
65 100

67 46.9 0.0 98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF061375.D

Acq: 11 Jan 2019 18:35

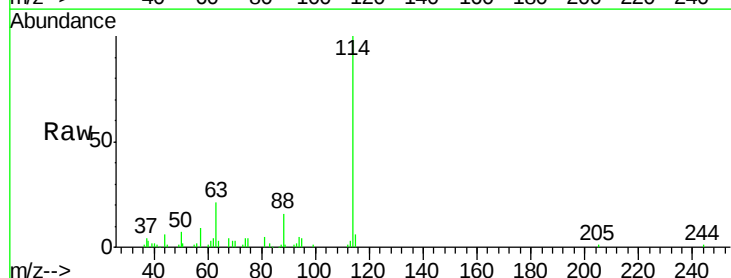
Tgt Ion: 114 Resp: 67585

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.8

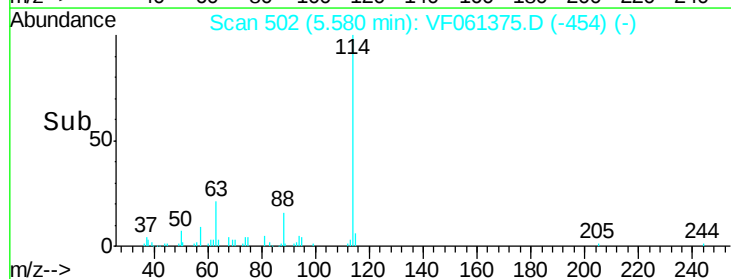
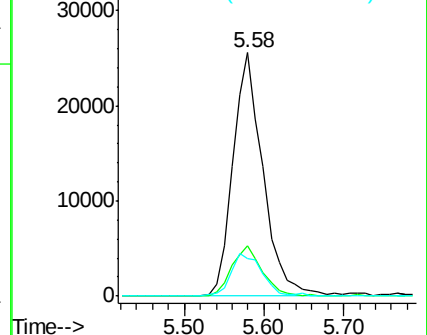
88 15.6 0.0 40.0

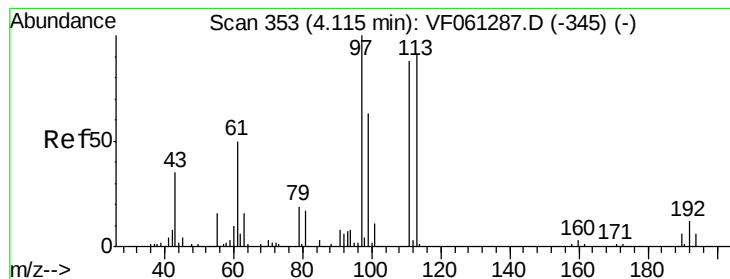


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 50.731 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061375.D

Acq: 11 Jan 2019 18:35

Instrument :

MSVOA_F

ClientSampleId :

BASIN-6RE

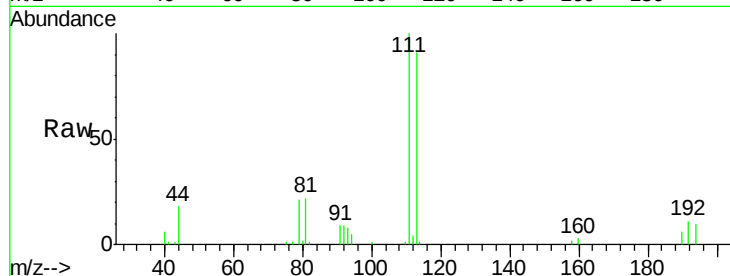
Tot Ion:113 Resp: 26235

Ion Ratio Lower Upper

113 100

111 110.2 78.0 117.0

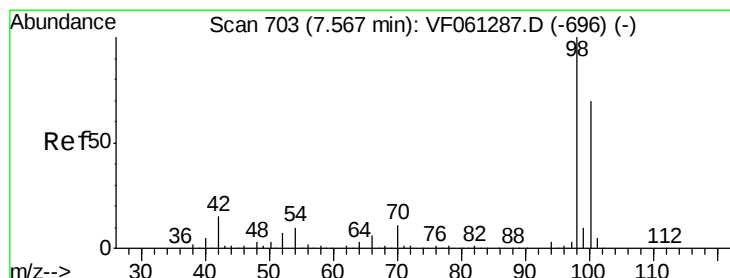
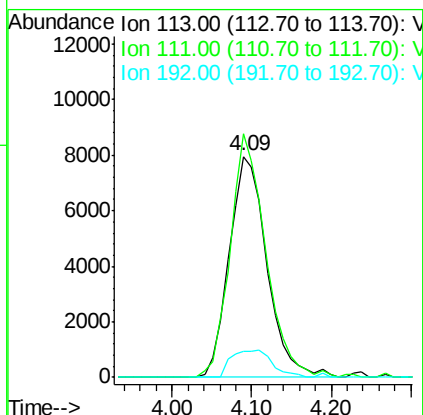
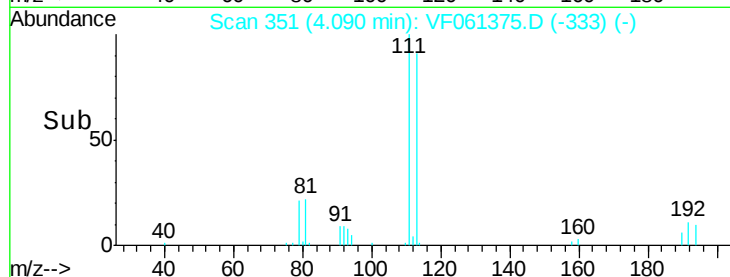
192 11.6 10.6 16.0



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: 48.742 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF061375.D

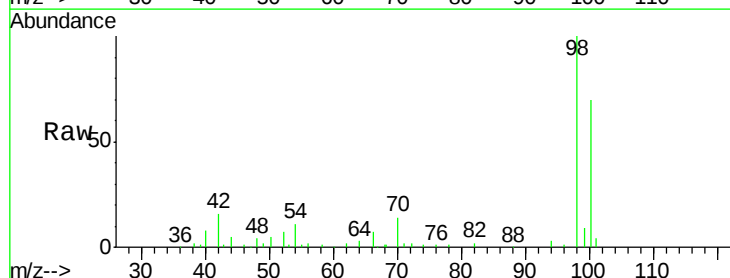
Acq: 11 Jan 2019 18:35

Tgt Ion: 98 Resp: 74591

Ion Ratio Lower Upper

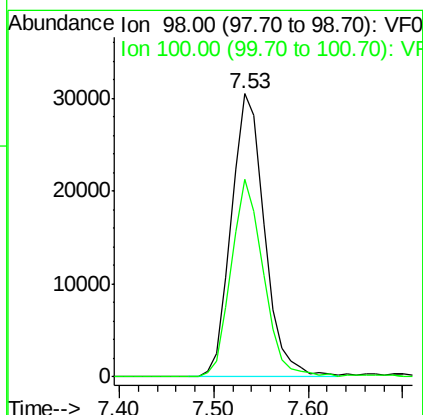
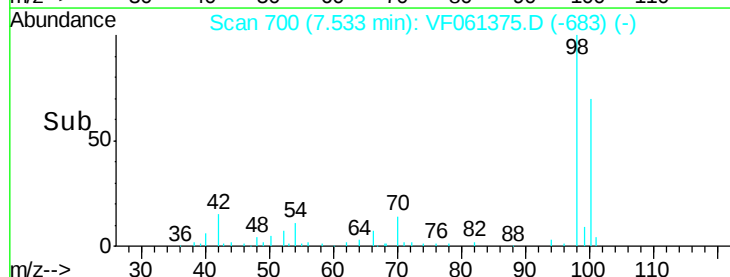
98 100

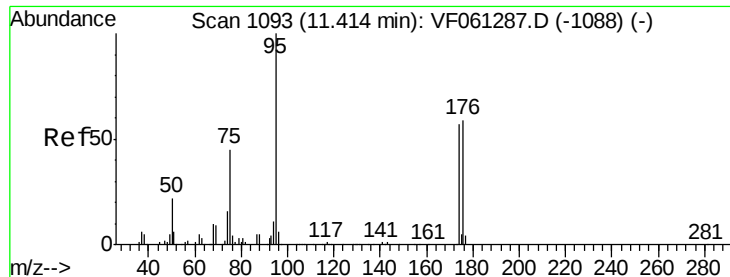
100 69.7 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 27.882 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061375.D

Acq: 11 Jan 2019 18:35

Instrument :

MSVOA_F

ClientSampleId :

BASIN-6RE

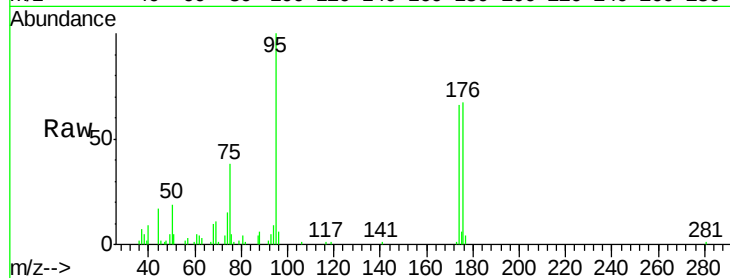
Tot Ion: 95 Resp: 18632

Ion Ratio Lower Upper

95 100

174 65.6 0.0 114.2

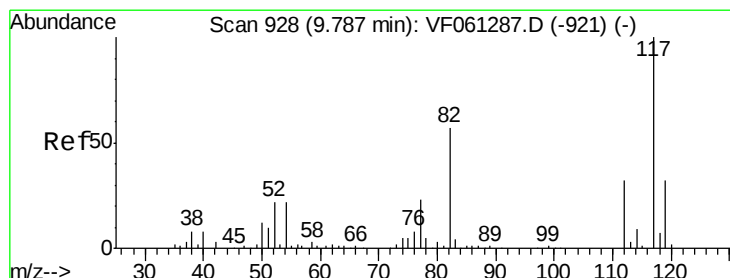
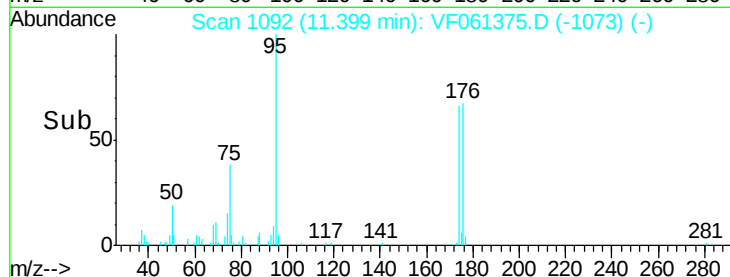
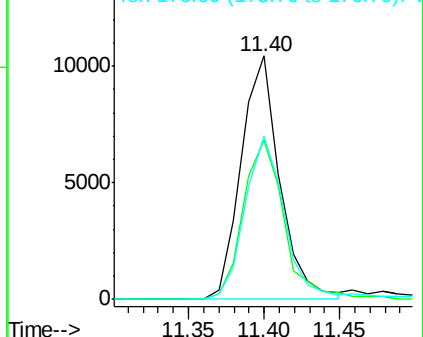
176 67.2 0.0 117.8



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.75 min Scan# 925

Delta R.T. -0.03 min

Lab File: VF061375.D

Acq: 11 Jan 2019 18:35

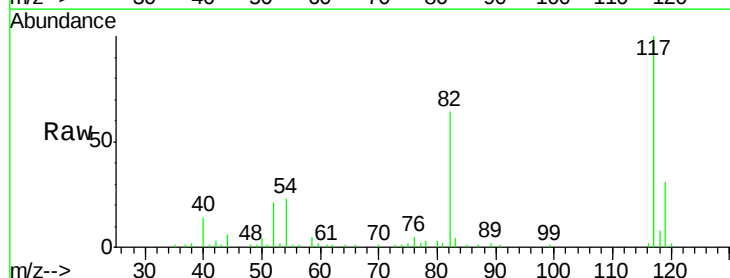
Tgt Ion: 117 Resp: 46994

Ion Ratio Lower Upper

117 100

82 63.6 45.3 67.9

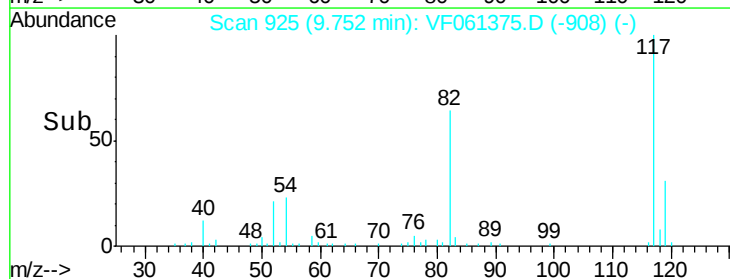
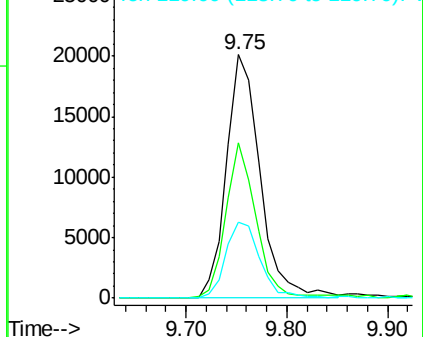
119 31.0 25.4 38.0

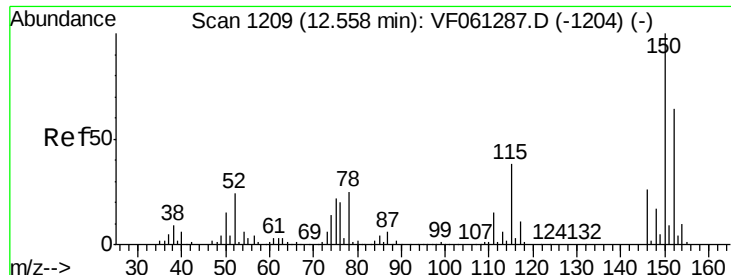


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0

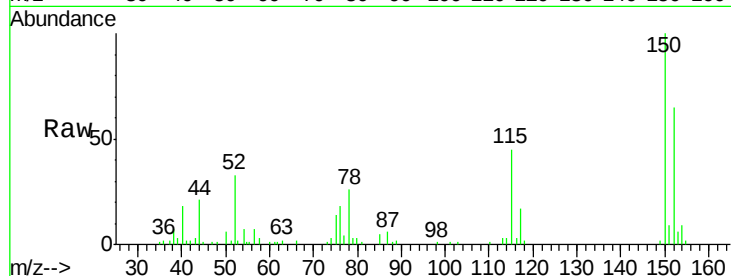




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.53 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: VF061375.D
 Acq: 11 Jan 2019 18:35

Instrument :
 MSVOA_F
 ClientSampleId :
 BASIN-6RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	68.9	29.6	88.9
150	154.0	0.0	315.4



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

