

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060057.D
 Acq On : 23 Aug 2018 17:05
 Operator : VA/AP
 Sample : J4580-01RE
 Misc : 5.48g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RN-SOILRE

Quant Time: Aug 24 03:47:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

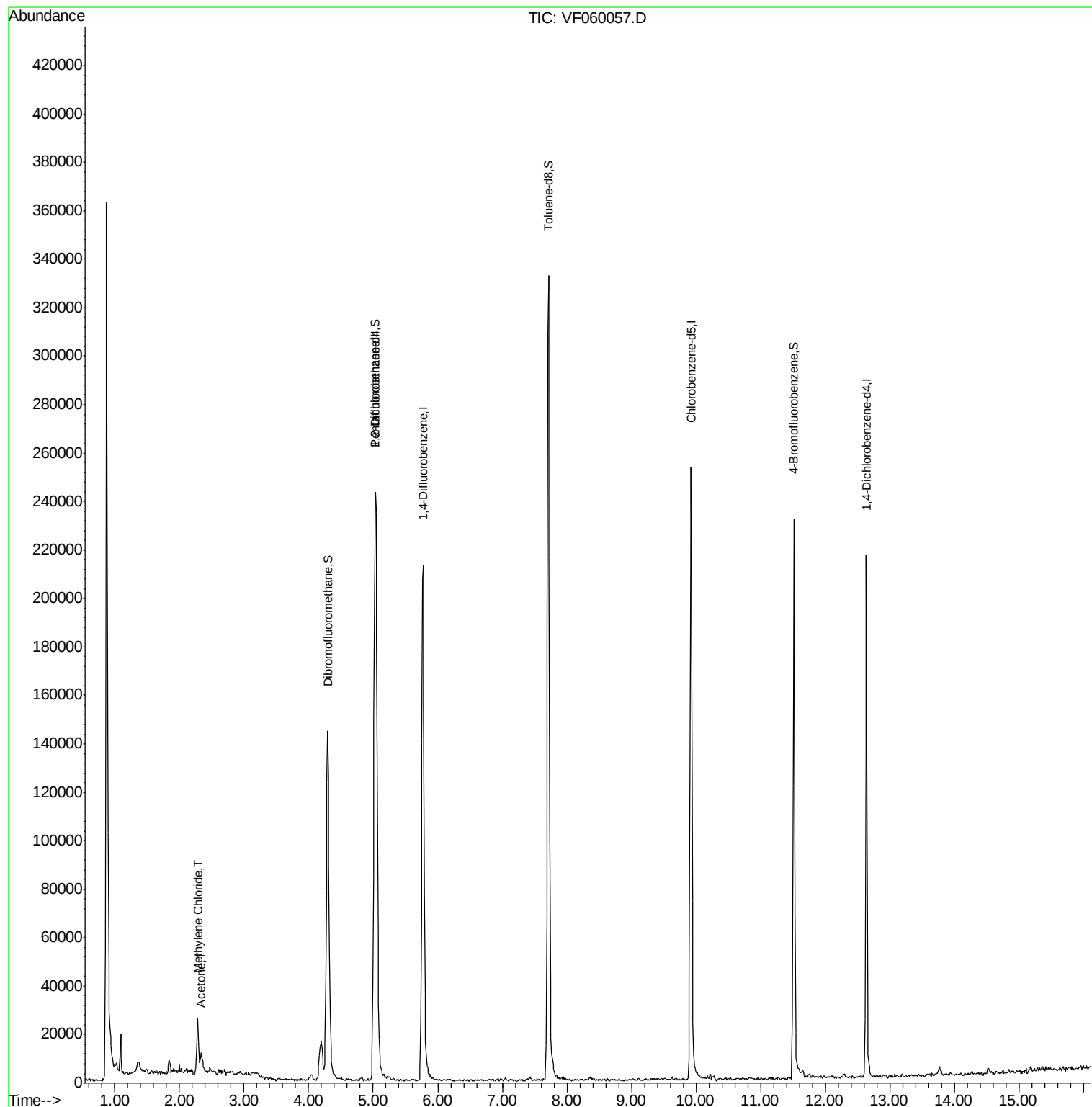
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	156626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	228005	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	182794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	51775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	138863	64.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.56%	
35) Dibromofluoromethane	4.30	113	128672	71.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.74%	
50) Toluene-d8	7.72	98	274077	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
62) 4-Bromofluorobenzene	11.51	95	83749	31.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.26%	
Target Compounds						
16) Acetone	2.33	43	12832	22.78	ug/l	99
20) Methylene Chloride	2.28	84	9399	3.73	ug/l	94

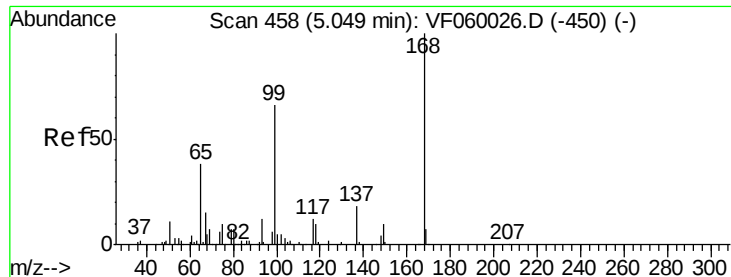
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF060057.D

Acq: 23 Aug 2018 17:05

Instrument :

MSVOA_F

ClientSampleId :

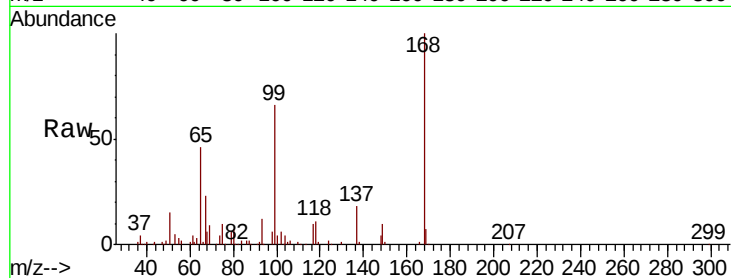
RN-SOILRE

Tot Ion:168 Resp: 156626

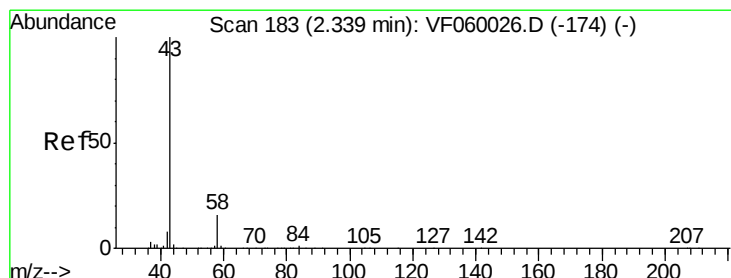
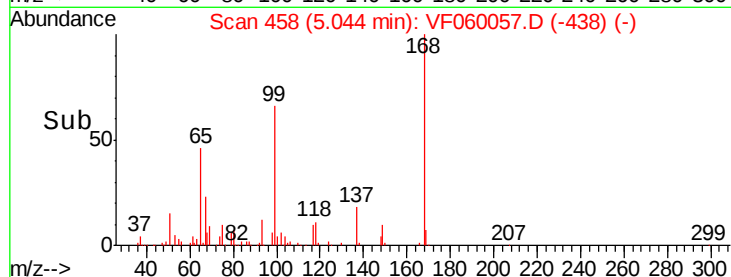
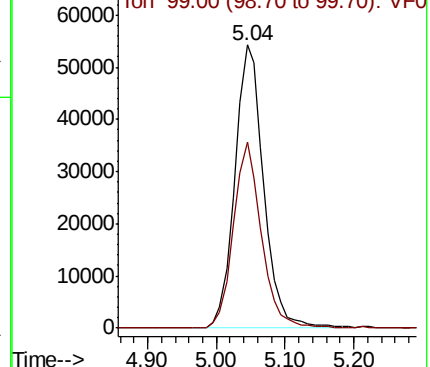
Ion Ratio Lower Upper

168 100

99 65.7 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0



#16

Acetone

Concen: 22.78 ug/l

RT: 2.33 min Scan# 183

Delta R.T. -0.00 min

Lab File: VF060057.D

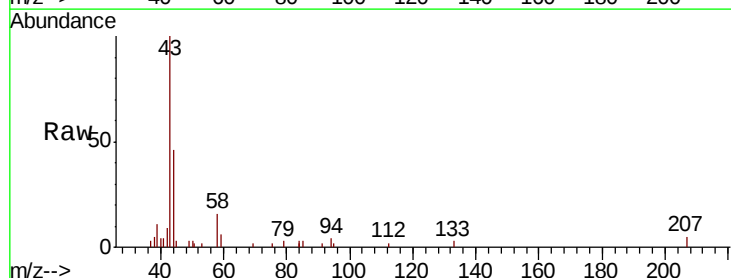
Acq: 23 Aug 2018 17:05

Tgt Ion: 43 Resp: 12832

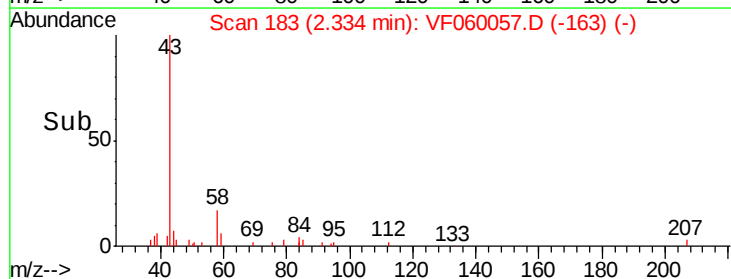
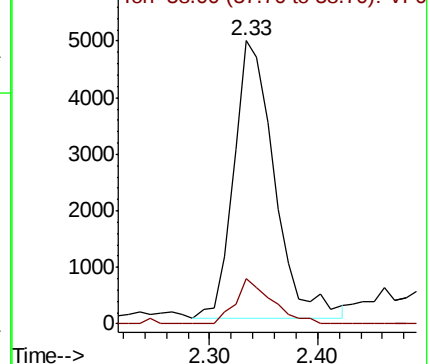
Ion Ratio Lower Upper

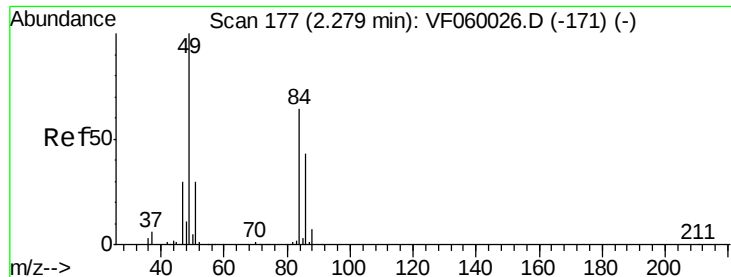
43 100

58 16.2 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

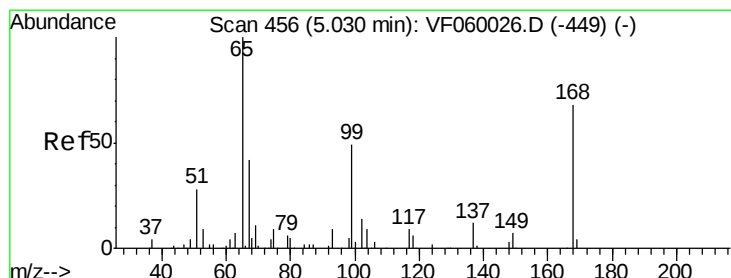
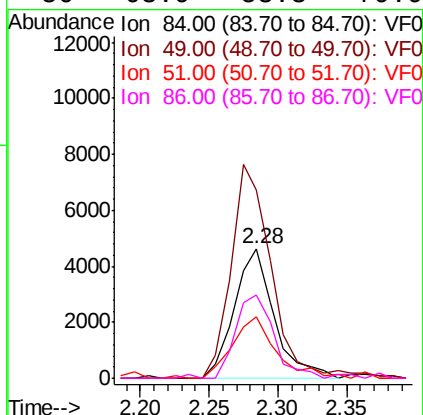
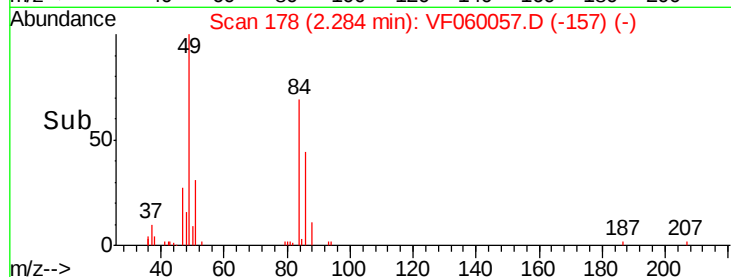
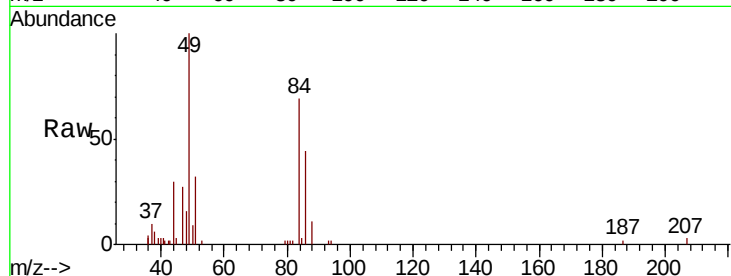




#20
Methvlene Chloride
Concen: 3.73 ug/l
RT: 2.28 min Scan# 178
Delta R.T. 0.01 min
Lab File: VF060057.D
Acq: 23 Aug 2018 17:05

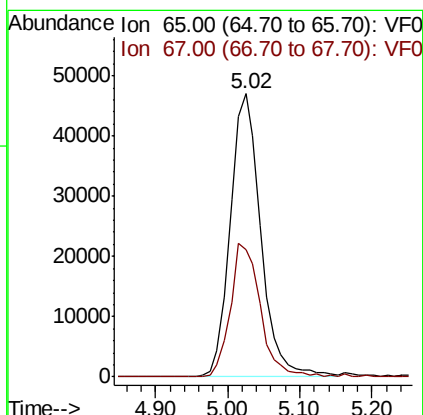
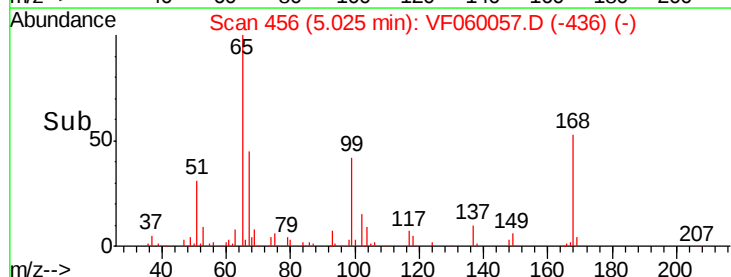
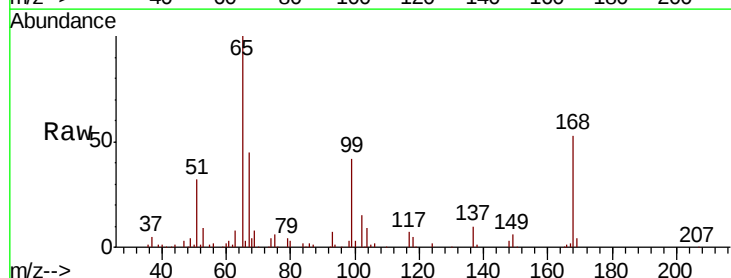
Instrument :
MSVOA_F
ClientSampleId :
RN-SOILRE

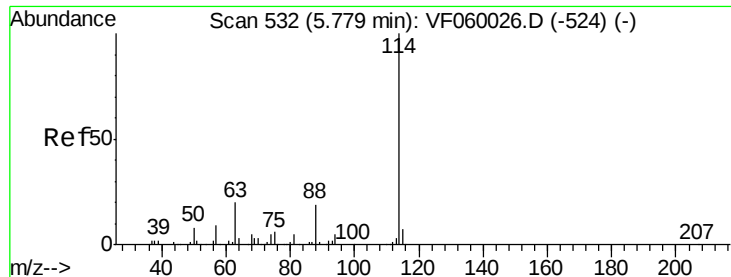
Tot Ion: 84 Resp: 9399
Ion Ratio Lower Upper
84 100
49 145.2 125.4 188.0
51 47.1 38.3 57.5
86 63.9 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 64.78 ug/l
RT: 5.02 min Scan# 456
Delta R.T. -0.00 min
Lab File: VF060057.D
Acq: 23 Aug 2018 17:05

Tgt Ion: 65 Resp: 138863
Ion Ratio Lower Upper
65 100
67 44.9 0.0 92.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 532

Delta R.T. -0.00 min

Lab File: VF060057.D

Acq: 23 Aug 2018 17:05

Instrument :

MSVOA_F

ClientSampled :

RN-SOILRE

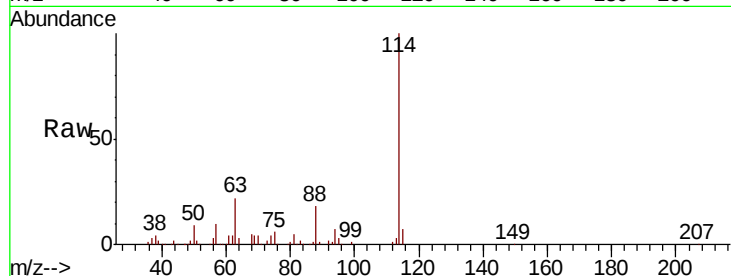
Tot Ion:114 Resp: 228005

Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.4

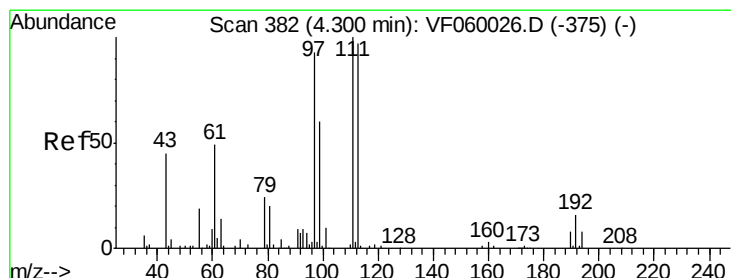
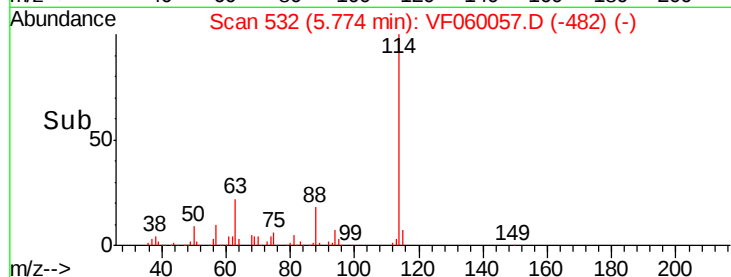
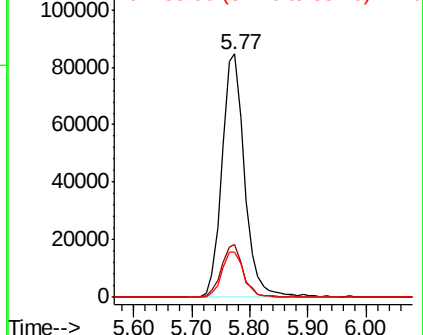
88 18.5 0.0 38.6



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: 71.87 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.00 min

Lab File: VF060057.D

Acq: 23 Aug 2018 17:05

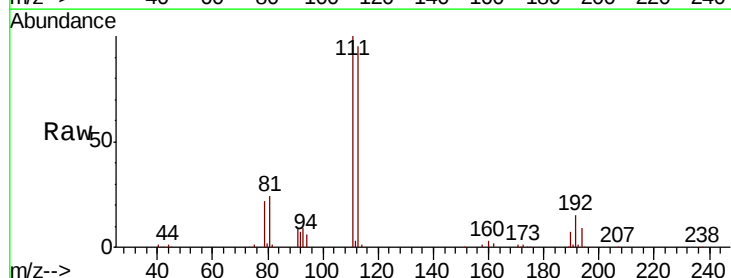
Tgt Ion:113 Resp: 128672

Ion Ratio Lower Upper

113 100

111 104.8 82.7 124.1

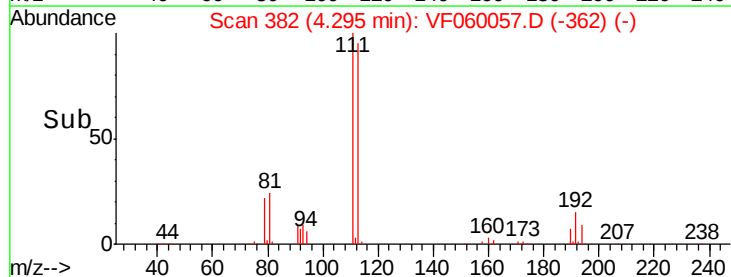
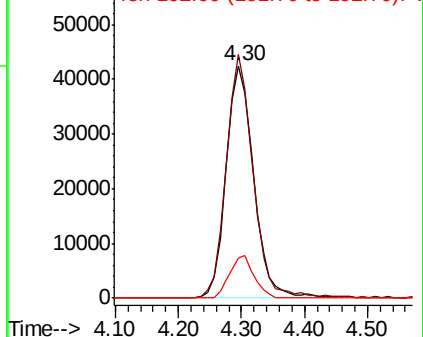
192 17.1 13.0 19.4

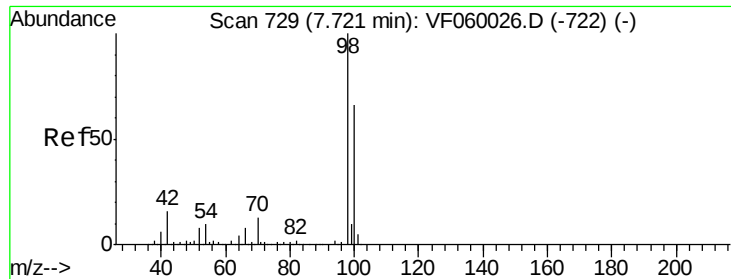


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 53.90 ug/l

RT: 7.72 min Scan# 729

Delta R.T. -0.00 min

Lab File: VF060057.D

Acq: 23 Aug 2018 17:05

Instrument :

MSVOA_F

ClientSampleId :

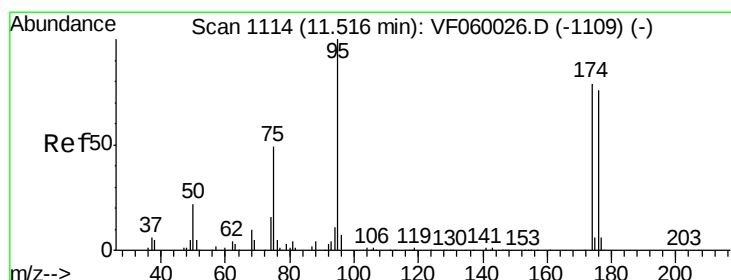
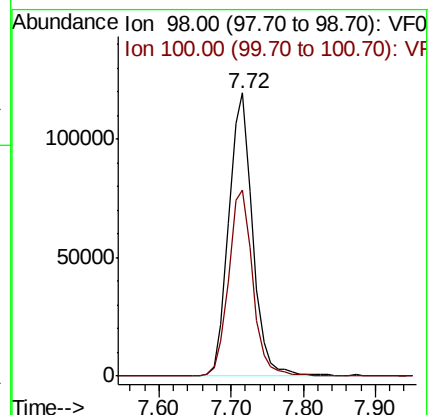
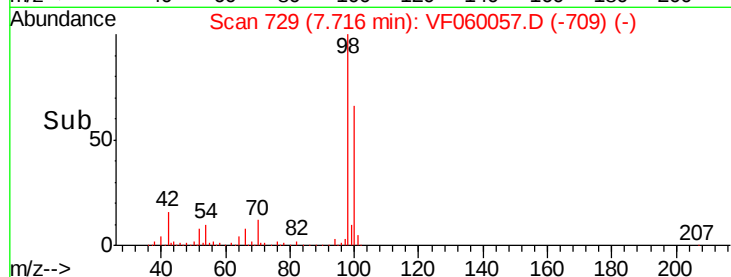
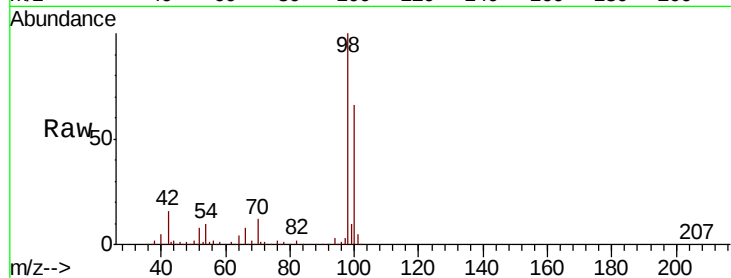
RN-SOILRE

Tot Ion: 98 Resp: 274077

Ion Ratio Lower Upper

98 100

100 65.7 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 31.13 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VF060057.D

Acq: 23 Aug 2018 17:05

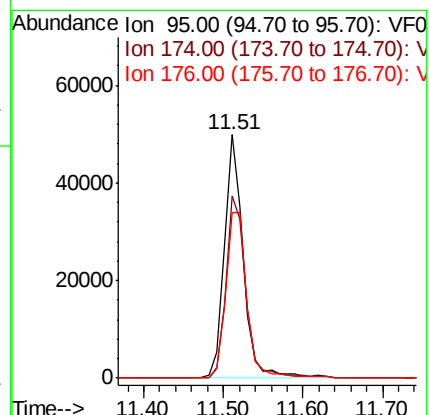
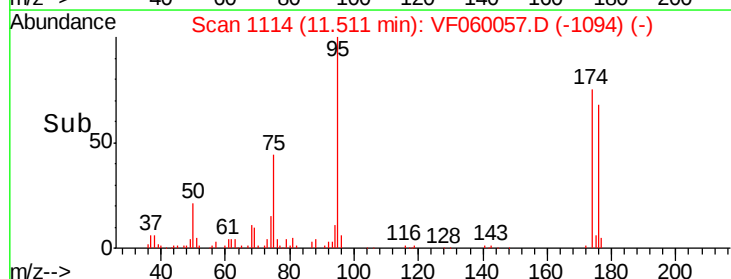
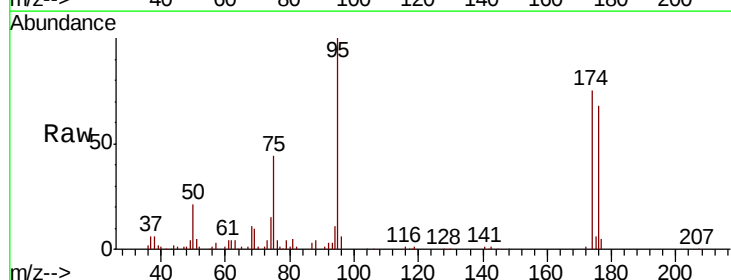
Tgt Ion: 95 Resp: 83749

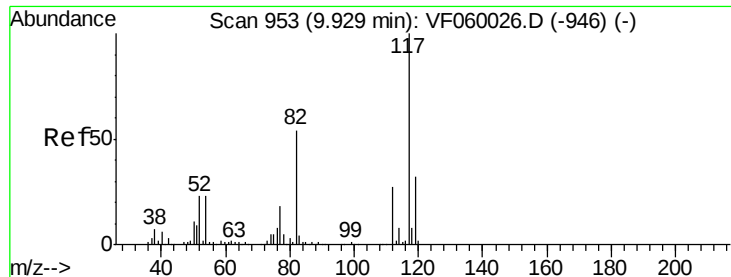
Ion Ratio Lower Upper

95 100

174 74.7 0.0 158.4

176 67.9 0.0 153.0

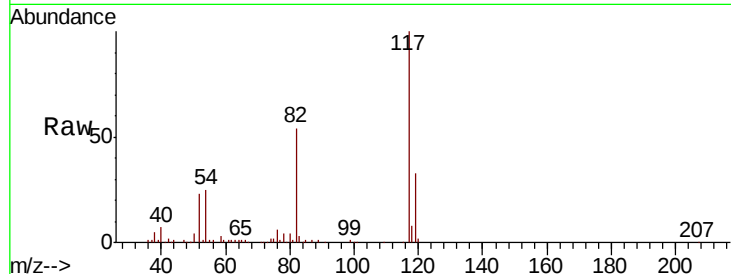




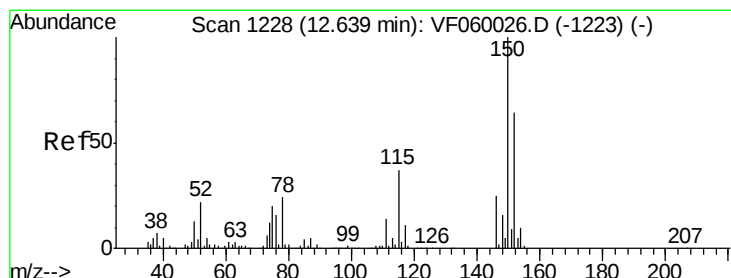
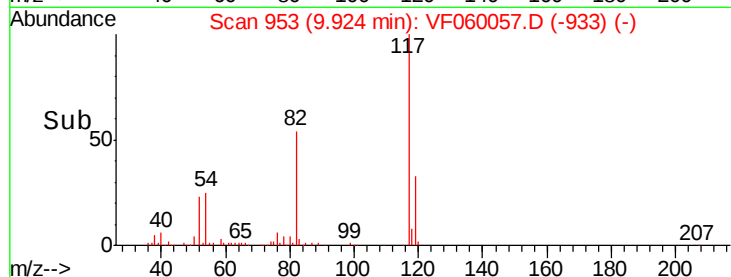
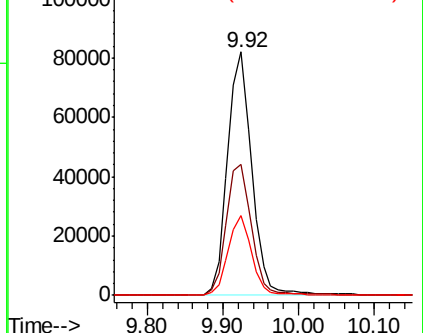
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.00 min
Lab File: VF060057.D
Acq: 23 Aug 2018 17:05

Instrument :
MSVOA_F
ClientSampleId :
RN-SOILRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.6	65.4
119	32.9	25.6	38.4

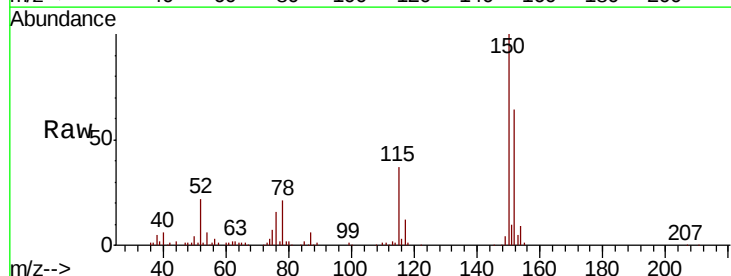


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VF060057.D
Acq: 23 Aug 2018 17:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.6	85.9
150	156.3	0.0	312.0



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

