

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059562.D
 Acq On : 19 Jul 2018 17:24
 Operator : VA/AP
 Sample : J4016-01
 Misc : 6.19g/5mL/MSVOA F/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB2-U-13

Quant Time: Jul 20 05:16:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	196869	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	277470	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	275977	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	164523	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	175349	57.27	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.54%	
35) Dibromofluoromethane	4.29	113	137578	57.25	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	114.50%	
50) Toluene-d8	7.71	98	267348	44.17	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	88.34%	
62) 4-Bromofluorobenzene	11.50	95	155880	49.09	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.18%	

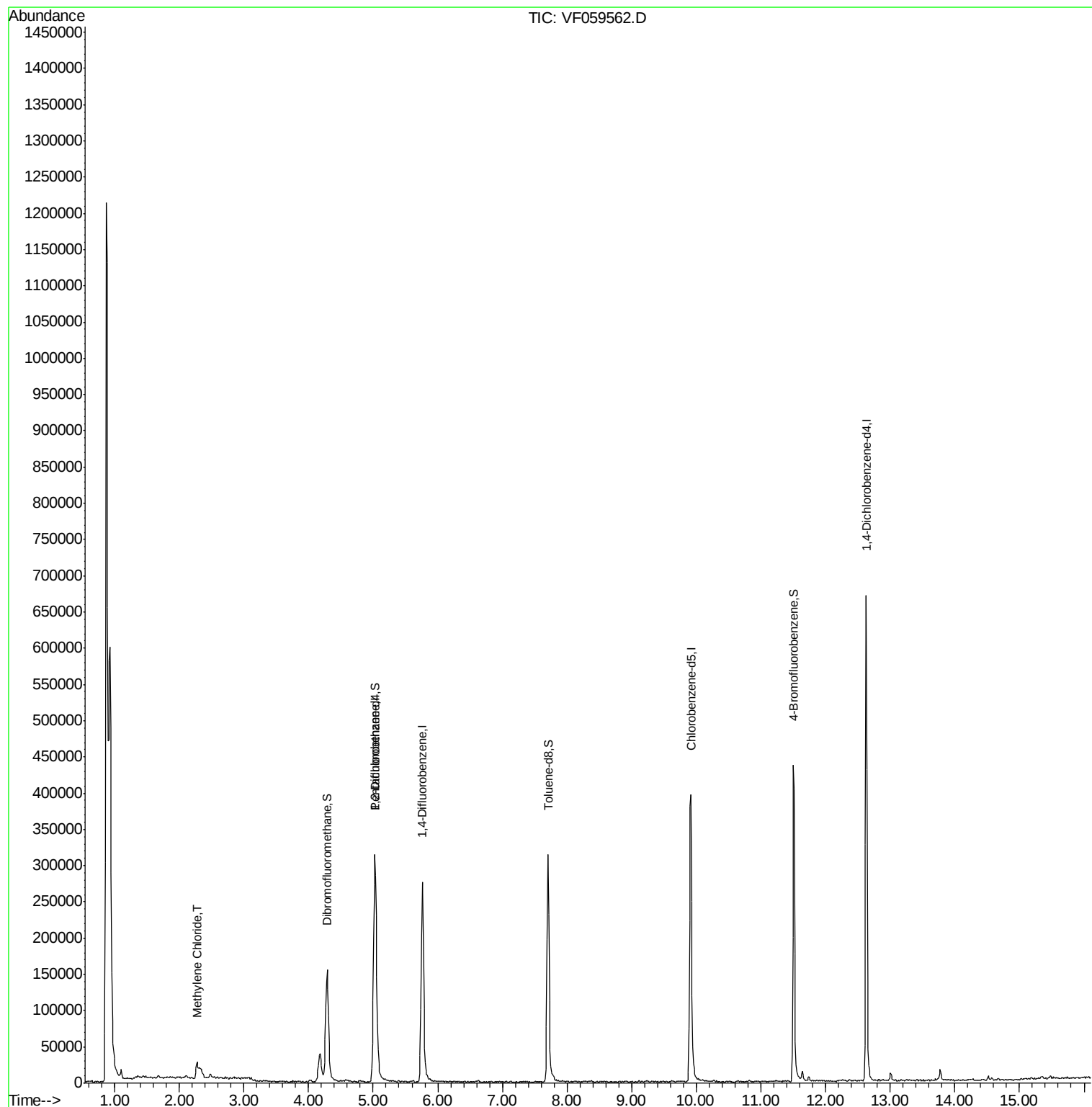
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.28	84	13076	5.38	ug/l	# 80

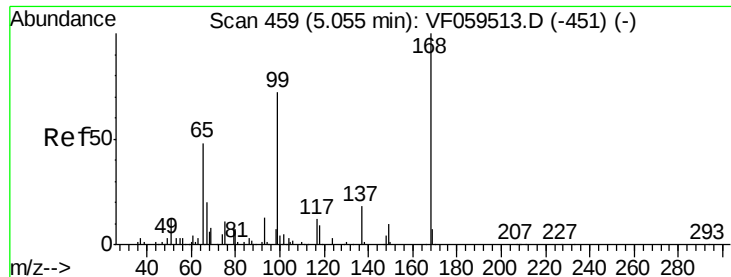
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF059562.D

Acq: 19 Jul 2018 17:24

Instrument :

MSVOA_F

ClientSampleId :

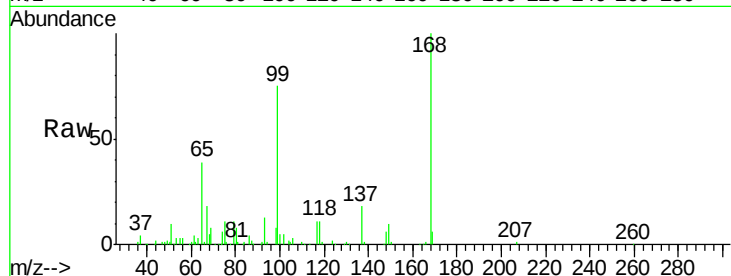
SB2-U-13

Tot Ion:168 Resp: 196869

Ion Ratio Lower Upper

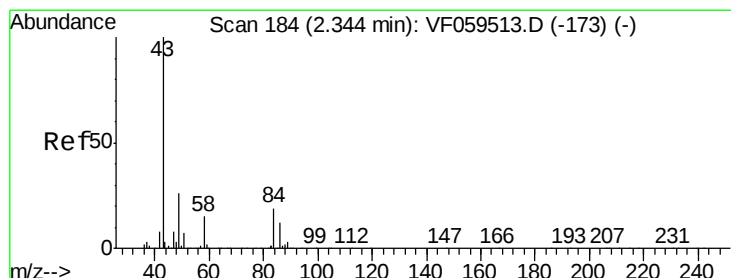
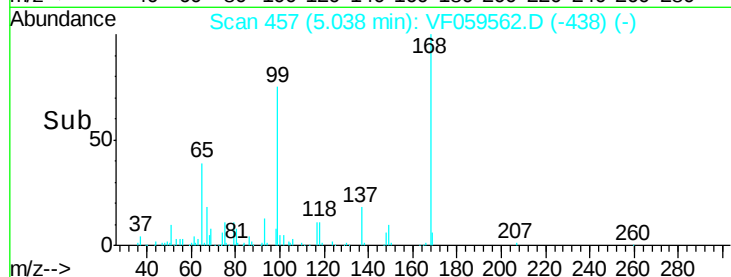
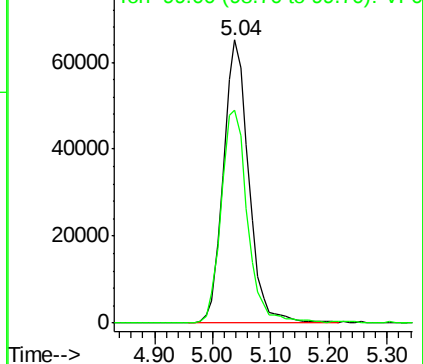
168 100

99 75.3 57.6 86.4



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 5.38 ug/l

RT: 2.28 min Scan# 177

Delta R.T. -0.07 min

Lab File: VF059562.D

Acq: 19 Jul 2018 17:24

Tgt Ion: 84 Resp: 13076

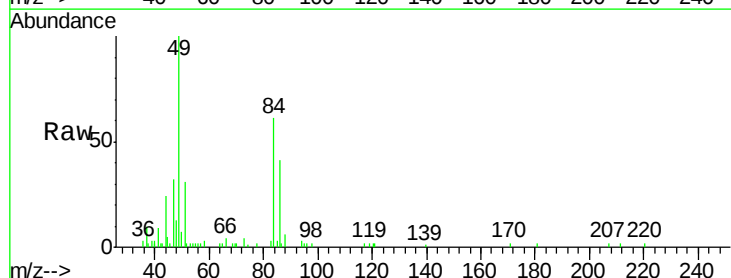
Ion Ratio Lower Upper

84 100

49 164.1 109.4 164.2

51 51.2 30.5 45.7#

86 70.1 47.6 71.4

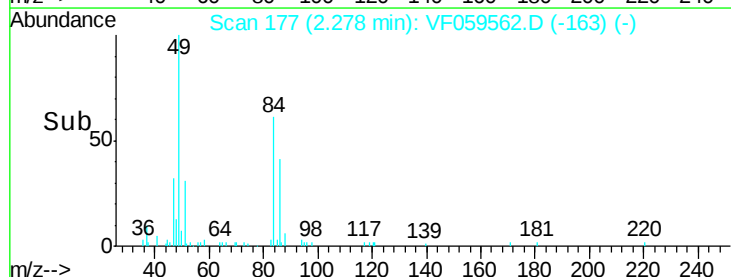
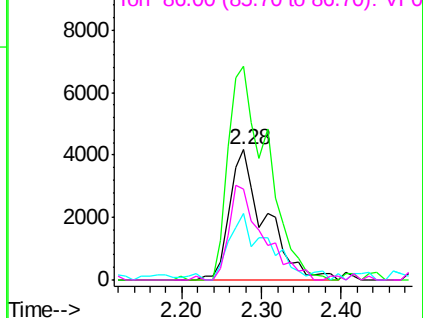


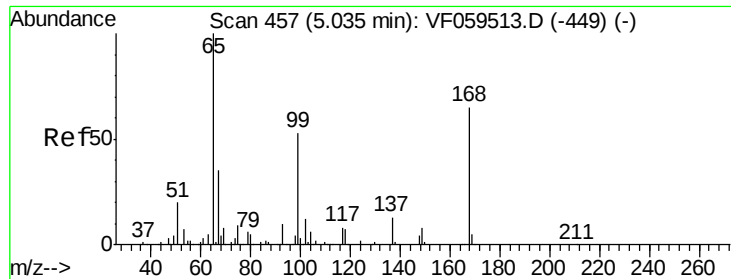
Abundance Ion 84.00 (83.70 to 84.70): VF0

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

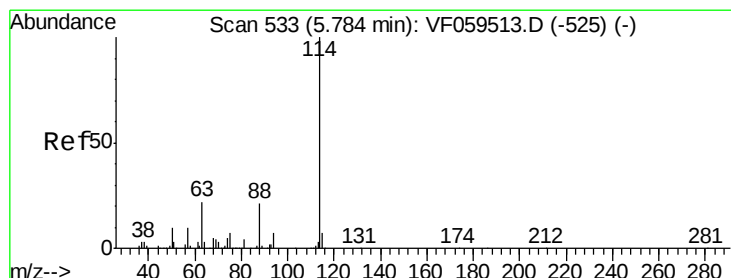
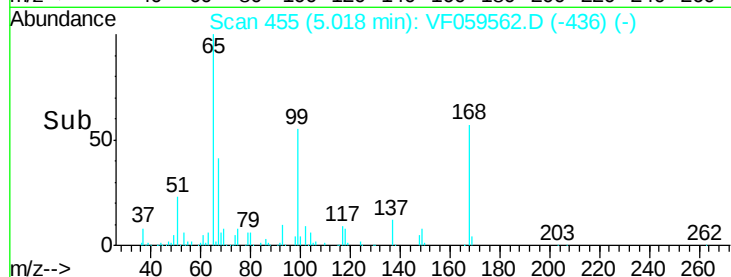
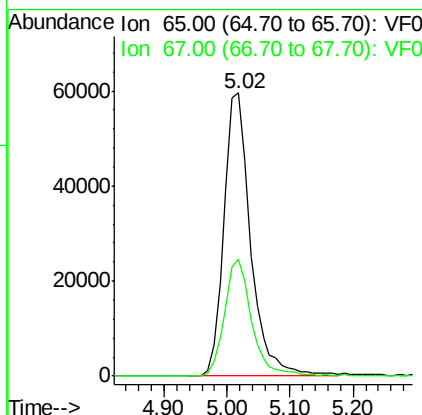
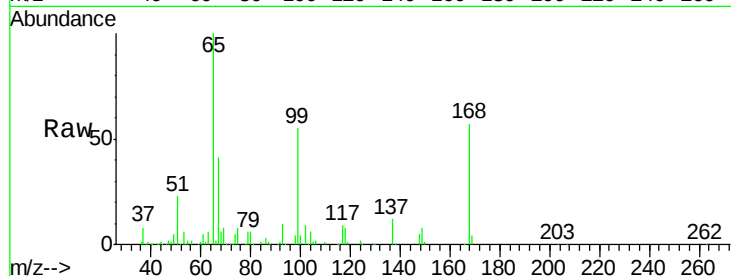




#33
 1,2-Dichloroethane-d4
 Concen: 57.27 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: VF059562.D
 Acq: 19 Jul 2018 17:24

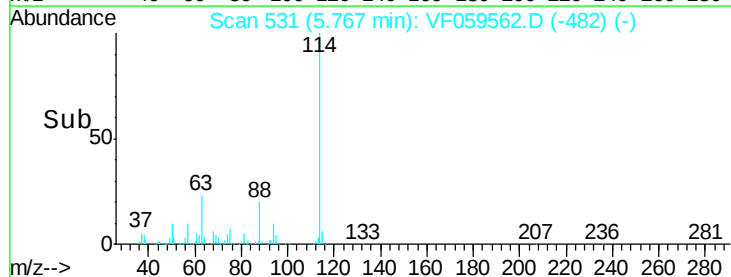
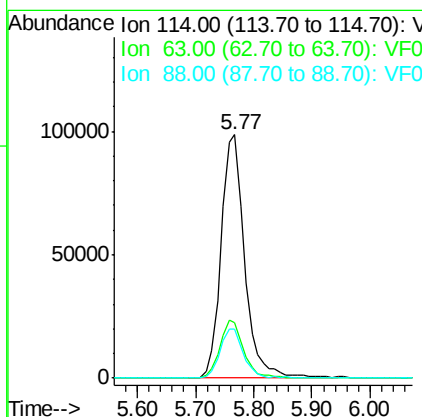
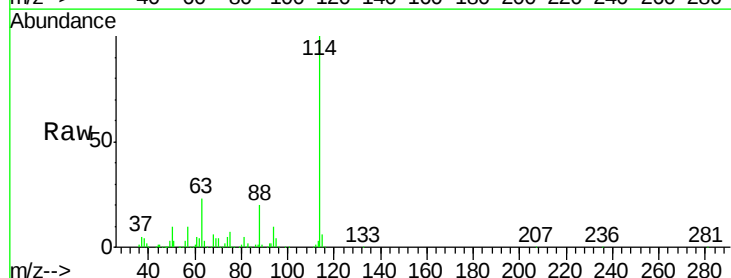
Instrument :
 MSVOA_F
 ClientSampleId :
 SB2-U-13

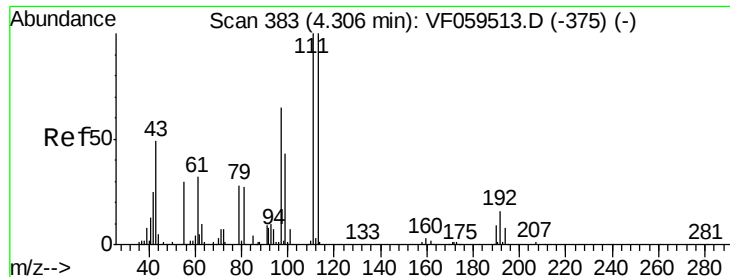
Tot Ion: 65 Resp: 175349
 Ion Ratio Lower Upper
 65 100
 67 41.4 0.0 91.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: VF059562.D
 Acq: 19 Jul 2018 17:24

Tgt Ion: 114 Resp: 277470
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.8
 88 20.4 0.0 42.6





#35

Dibromofluoromethane

Concen: 57.25 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.02 min

Lab File: VF059562.D

Acq: 19 Jul 2018 17:24

Instrument :

MSVOA_F

ClientSampleId :

SB2-U-13

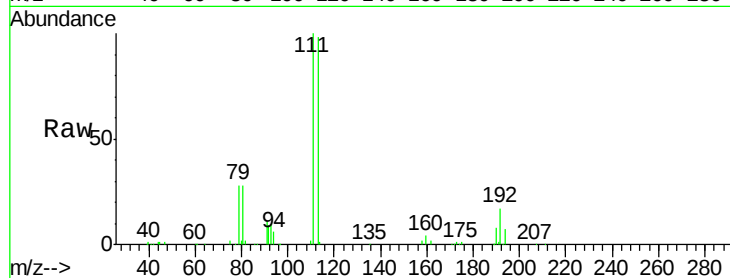
Tot Ion:113 Resp: 137578

Ion Ratio Lower Upper

113 100

111 102.2 80.3 120.5

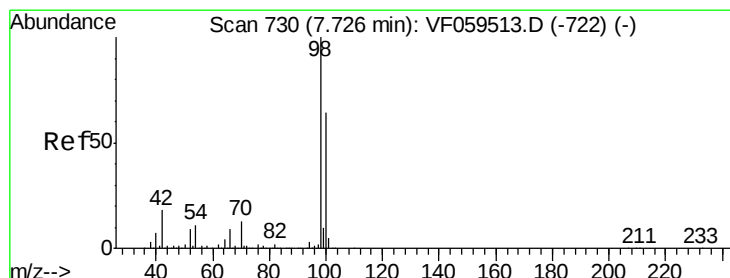
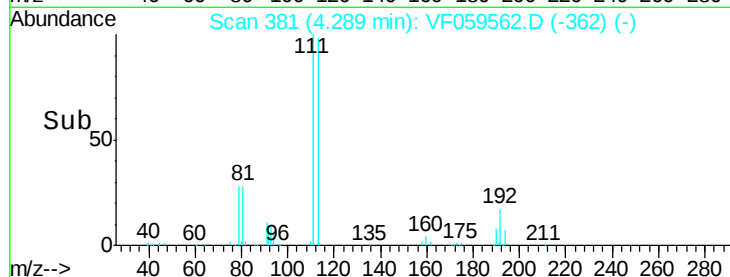
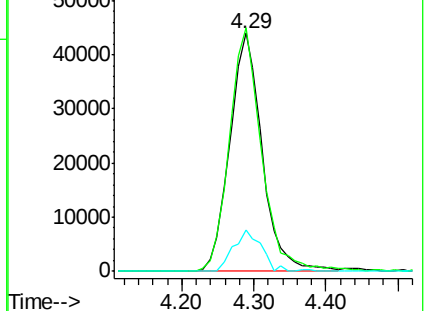
192 17.4 13.1 19.7



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: 44.17 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.02 min

Lab File: VF059562.D

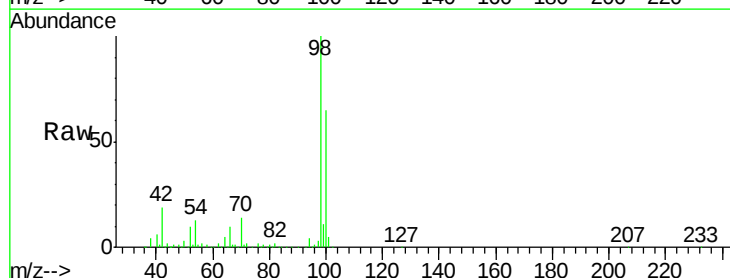
Acq: 19 Jul 2018 17:24

Tgt Ion: 98 Resp: 267348

Ion Ratio Lower Upper

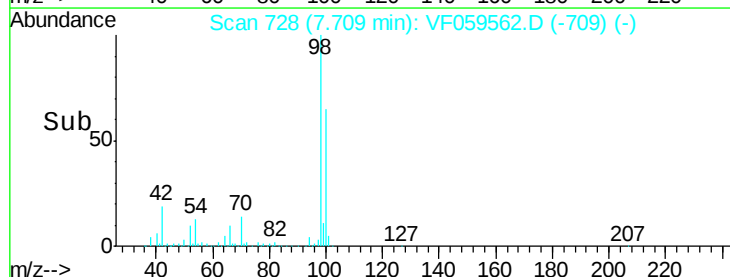
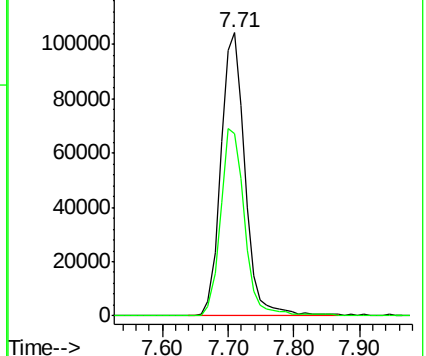
98 100

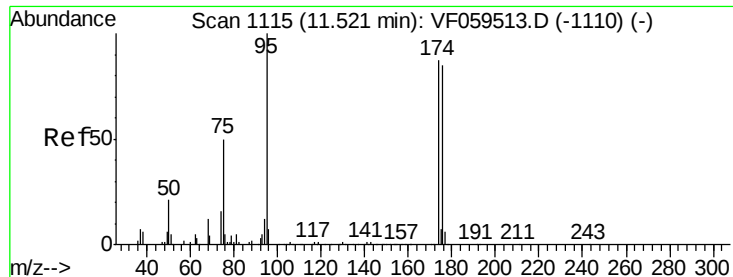
100 64.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 49.09 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.02 min

Lab File: VF059562.D

Acq: 19 Jul 2018 17:24

Instrument :

MSVOA_F

ClientSampleId :

SB2-U-13

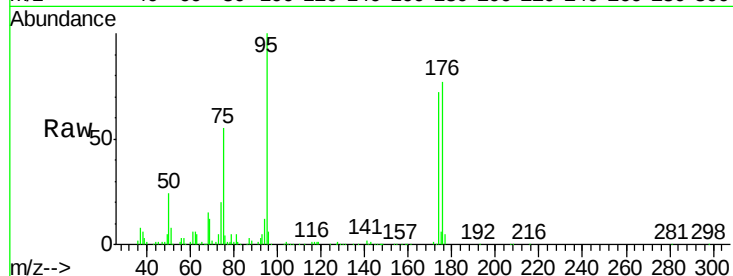
Tot Ion: 95 Resp: 155880

Ion Ratio Lower Upper

95 100

174 72.3 0.0 174.4

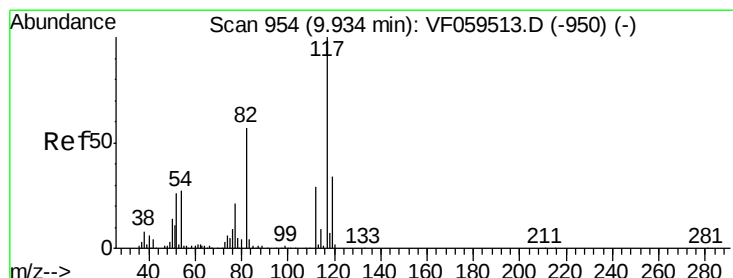
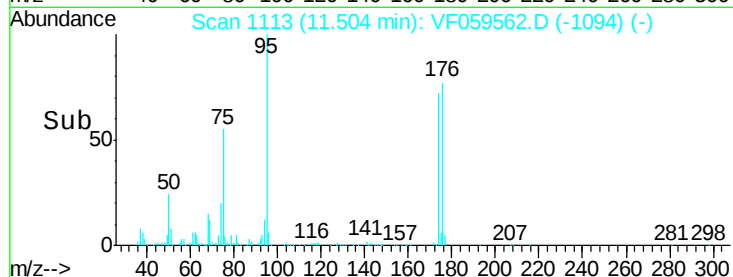
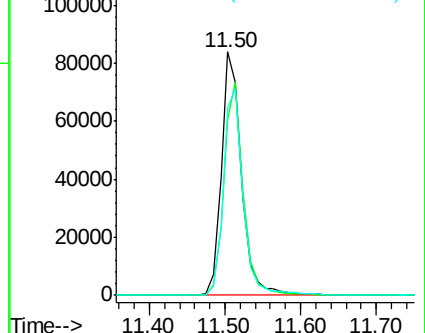
176 76.7 0.0 169.4



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: 9.92 min Scan# 952

Delta R.T. -0.02 min

Lab File: VF059562.D

Acq: 19 Jul 2018 17:24

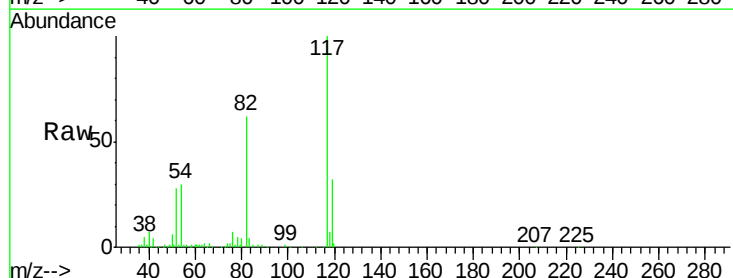
Tgt Ion: 117 Resp: 275977

Ion Ratio Lower Upper

117 100

82 62.0 46.1 69.1

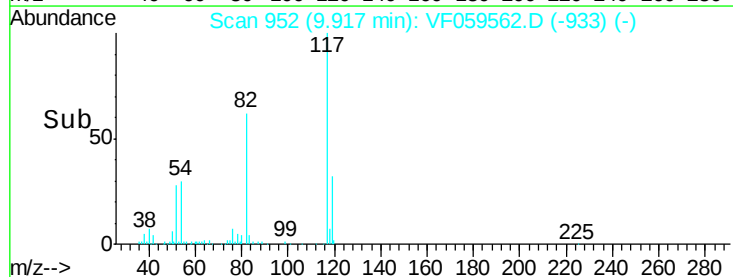
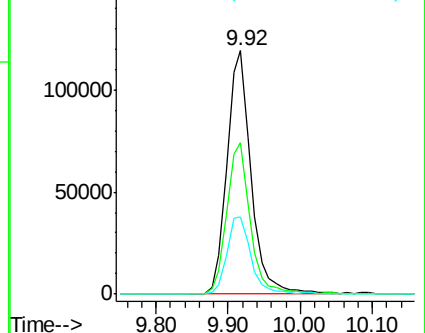
119 31.6 27.2 40.8

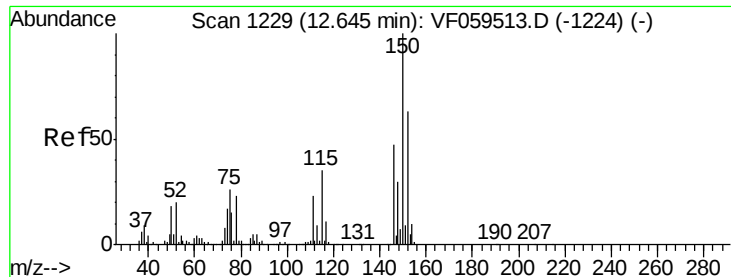


Abundance Ion 117.00 (116.70 to 117.70): V

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# 1227

Delta R.T. -0.02 min

Lab File: VF059562.D

Acq: 19 Jul 2018 17:24

Instrument :

MSVOA_F

ClientSampleId :

SB2-U-13

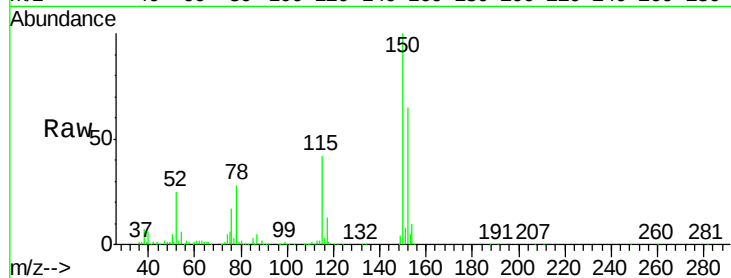
Tot Ion:152 Resp: 164523

Ion Ratio Lower Upper

152 100

115 65.2 27.8 83.3

150 153.6 0.0 318.4



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

