

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082818\
 Data File : VF060162.D
 Acq On : 28 Aug 2018 20:52
 Operator : VA/AP
 Sample : J4280-01
 Misc : 5.74g/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-05-082418-A

Quant Time: Aug 29 04:52:07 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

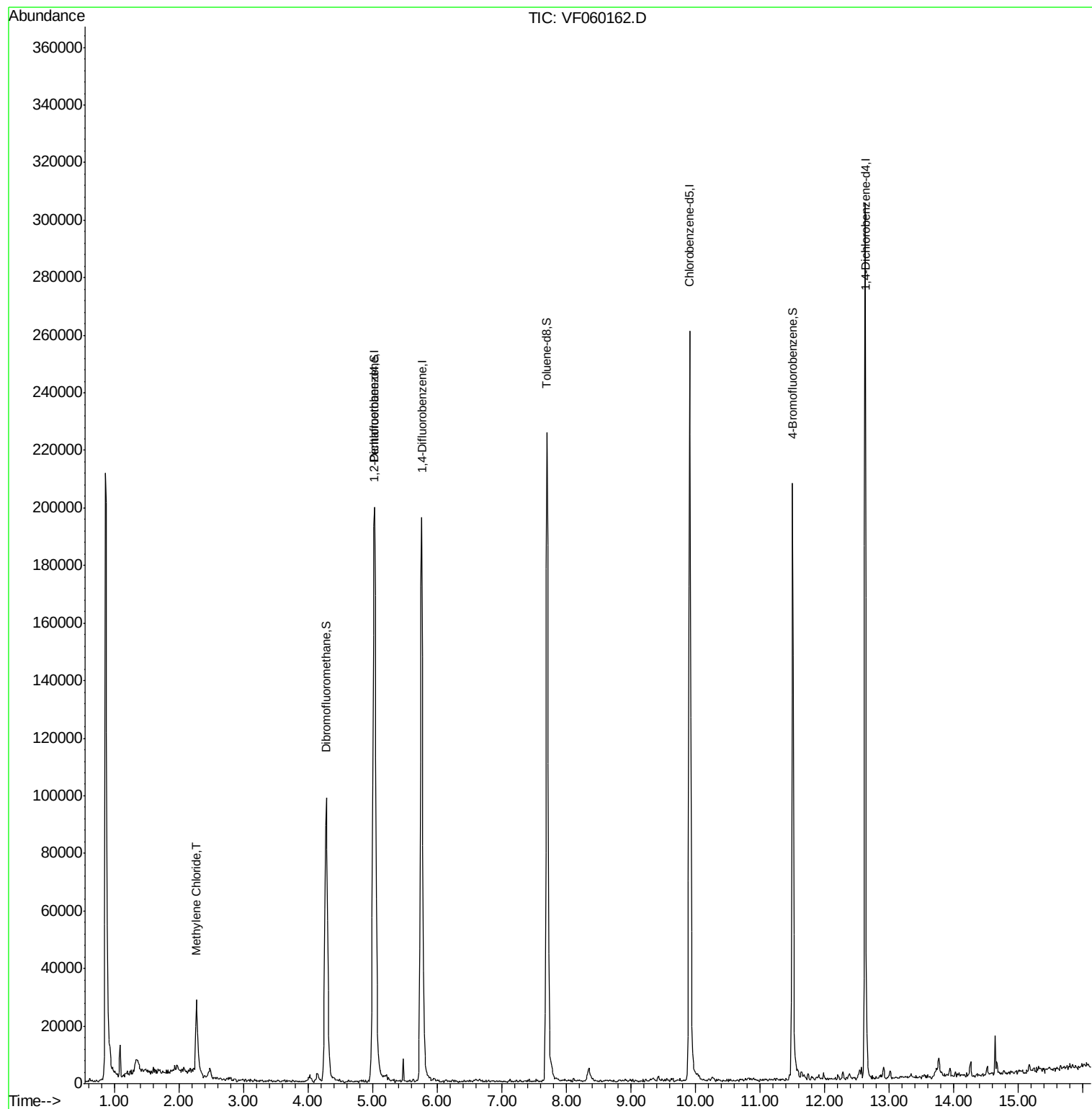
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	139057	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	193857	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	175445	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	68523	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	91176	47.91	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	95.82%	
35) Dibromofluoromethane	4.28	113	86123	56.58	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	113.16%	
50) Toluene-d8	7.70	98	180254	41.69	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.38%	
62) 4-Bromofluorobenzene	11.50	95	71561	31.29	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	62.58%	
Target Compounds						
20) Methylene Chloride	2.27	84	13231	9.25	ug/l	Qvalue 88

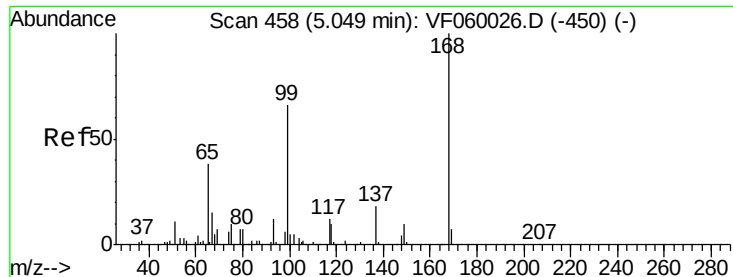
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.03 min Scan# 456

Delta R.T. -0.02 min

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ClientSampleId :

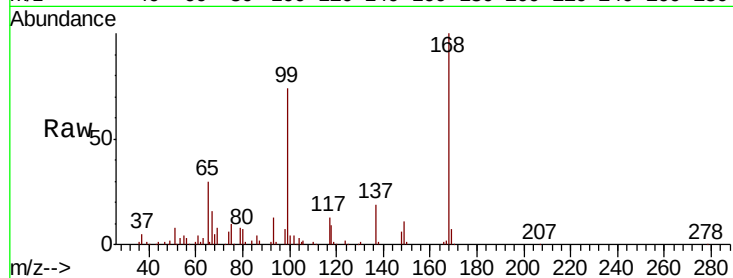
PL-05-082418-A

Tot Ion:168 Resp: 139057

Ion Ratio Lower Upper

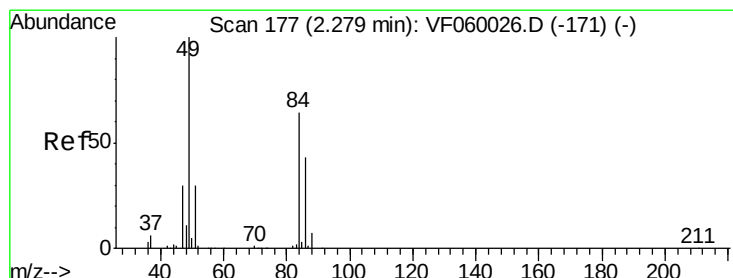
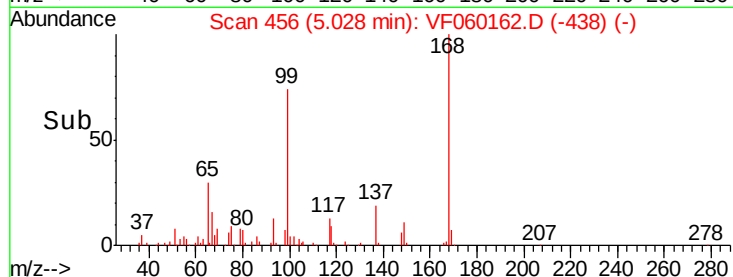
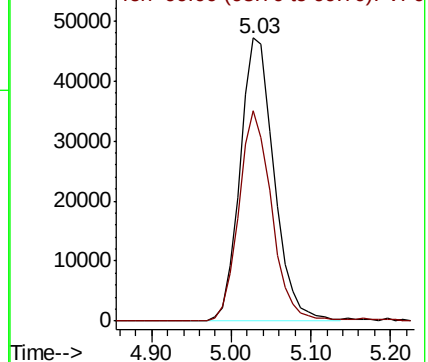
168 100

99 74.2 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 9.25 ug/l

RT: 2.27 min Scan# 176

Delta R.T. -0.01 min

Lab File: VF060162.D

Acq: 28 Aug 2018 20:52

Tgt Ion: 84 Resp: 13231

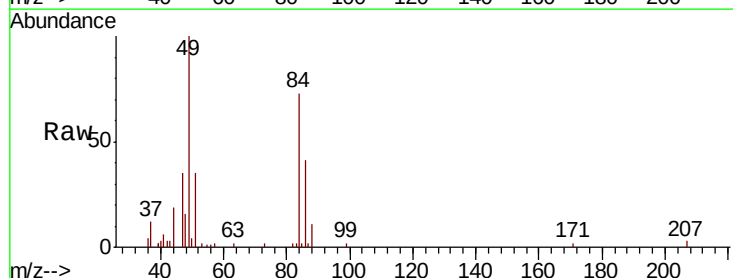
Ion Ratio Lower Upper

84 100

49 137.9 125.4 188.0

51 48.1 38.3 57.5

86 56.1 53.3 79.9

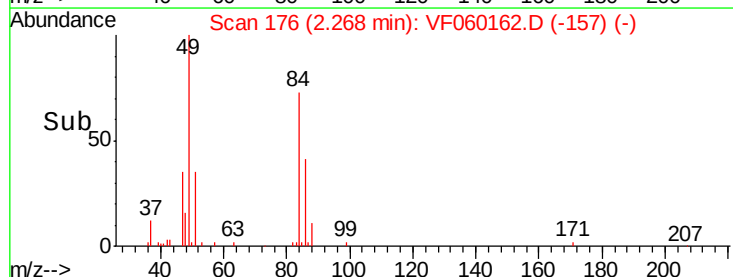
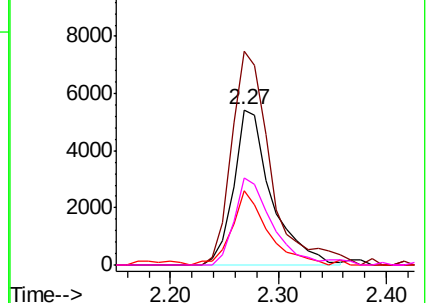


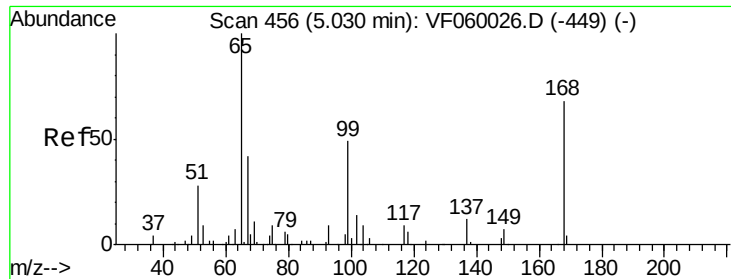
Abundance Ion 84.00 (83.70 to 84.70): VF0

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

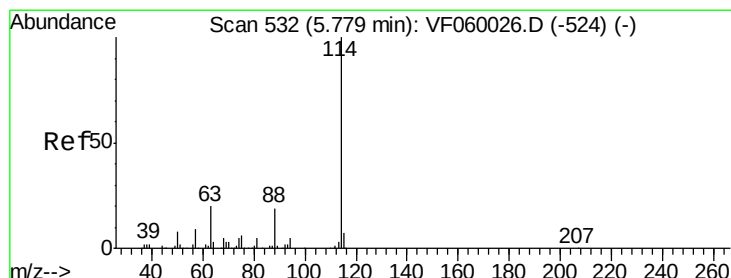
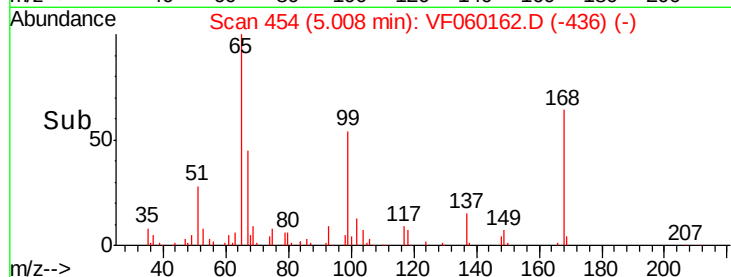
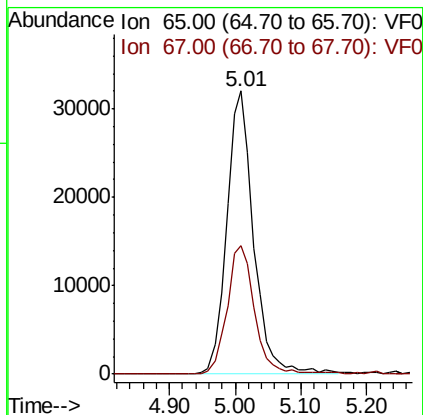
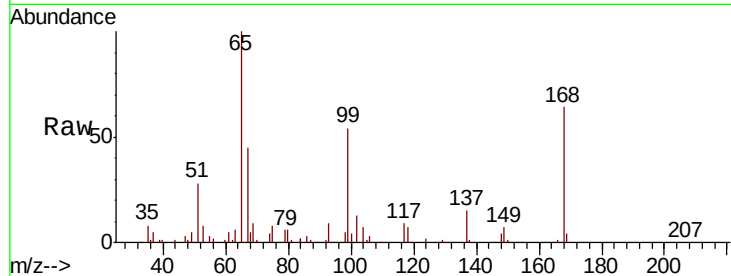




#33
 1,2-Dichloroethane-d4
 Concen: 47.91 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: VF060162.D
 Acq: 28 Aug 2018 20:52

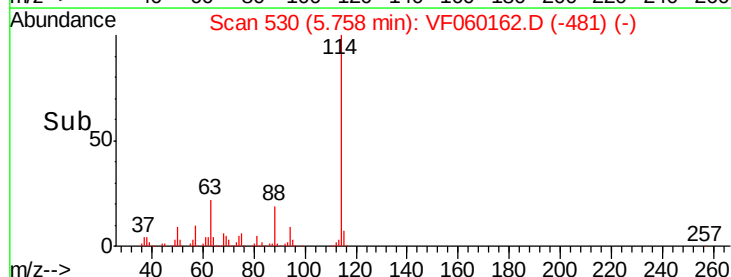
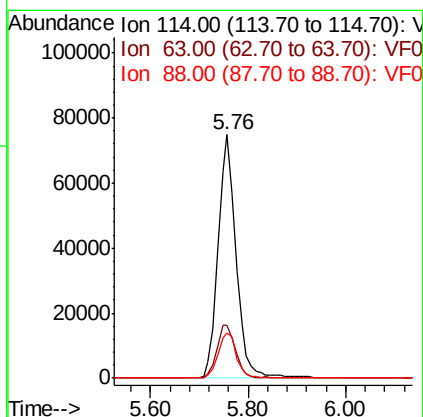
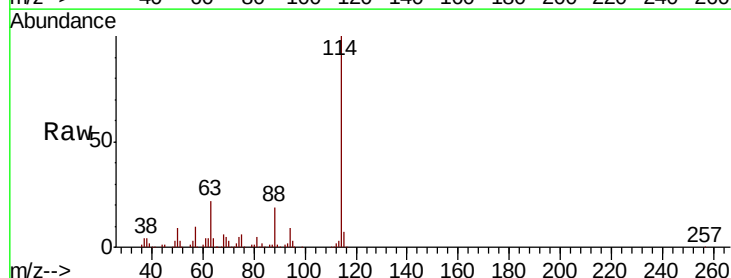
Instrument :
 MSVOA_F
 ClientSampleId :
 PL-05-082418-A

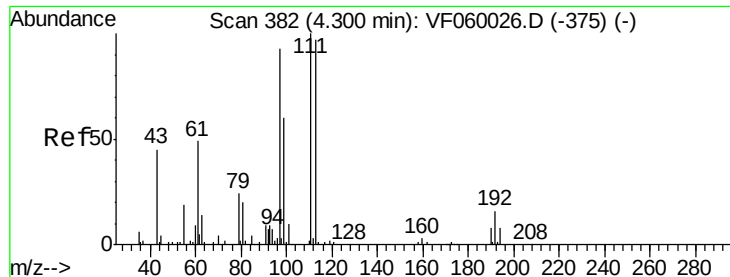
Tot Ion: 65 Resp: 91176
 Ion Ratio Lower Upper
 65 100
 67 45.2 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VF060162.D
 Acq: 28 Aug 2018 20:52

Tgt Ion: 114 Resp: 193857
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 40.4
 88 18.6 0.0 38.6





#35

Dibromofluoromethane

Concen: 56.58 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF060162.D

Acq: 28 Aug 2018 20:52

Instrument :

MSVOA_F

ClientSampleId :

PL-05-082418-A

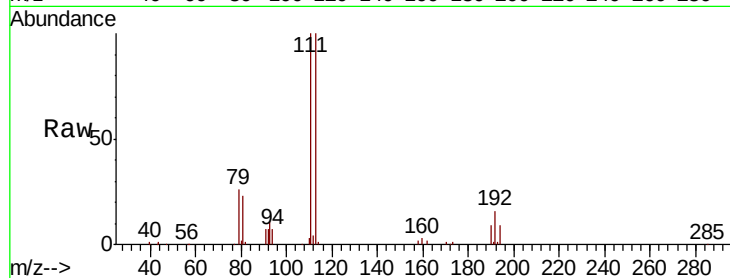
Tot Ion:113 Resp: 86123

Ion Ratio Lower Upper

113 100

111 100.3 82.7 124.1

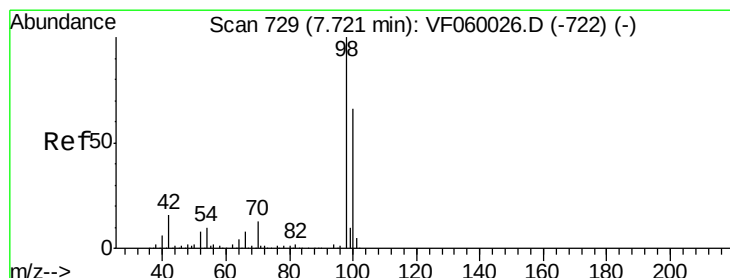
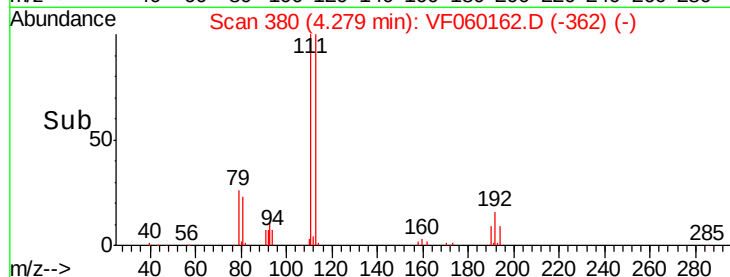
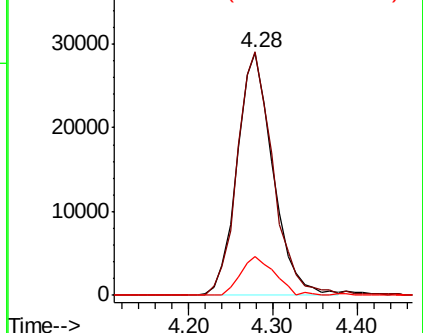
192 16.2 13.0 19.4



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: 41.69 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.02 min

Lab File: VF060162.D

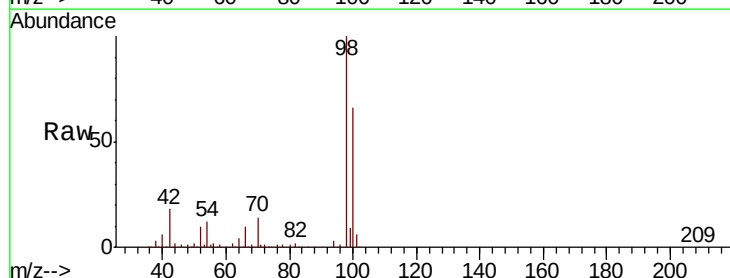
Acq: 28 Aug 2018 20:52

Tgt Ion: 98 Resp: 180254

Ion Ratio Lower Upper

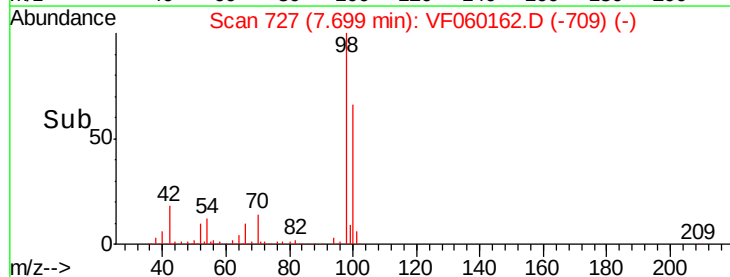
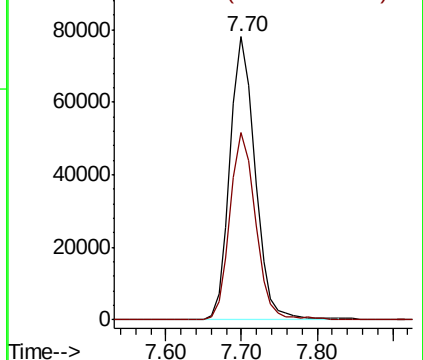
98 100

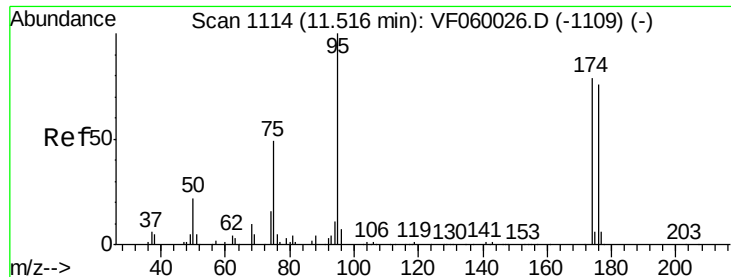
100 66.4 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 31.29 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF060162.D

Acq: 28 Aug 2018 20:52

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ClientSampleId :

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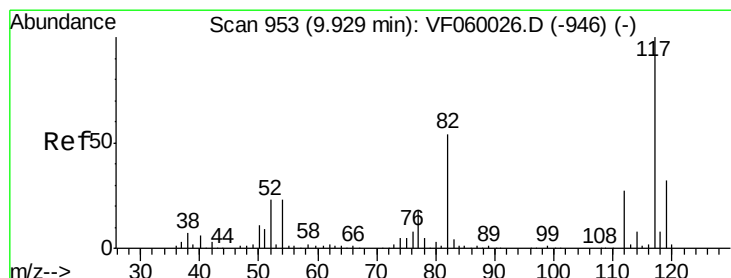
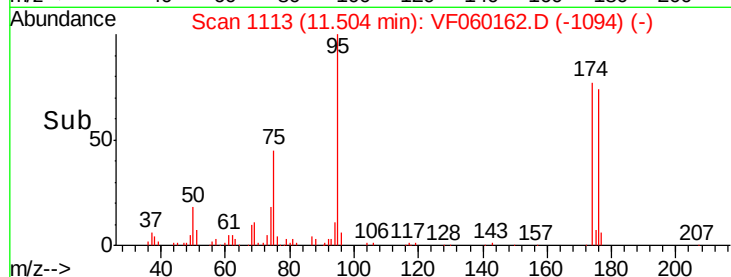
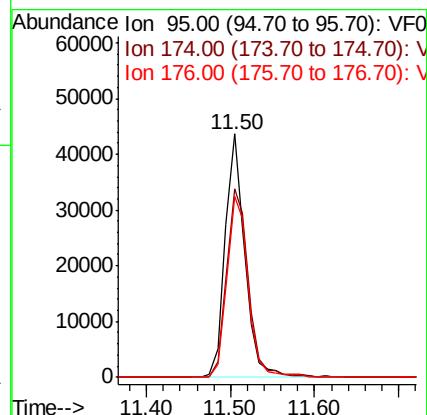
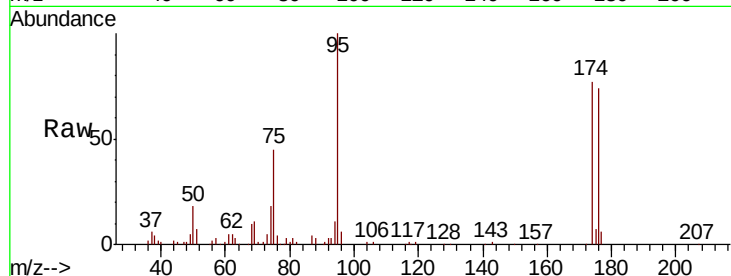
Tot Ion: 95 Resp: 71561

Ion Ratio Lower Upper

95 100

174 77.3 0.0 158.4

176 74.3 0.0 153.0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.02 min

Lab File: VF060162.D

Acq: 28 Aug 2018 20:52

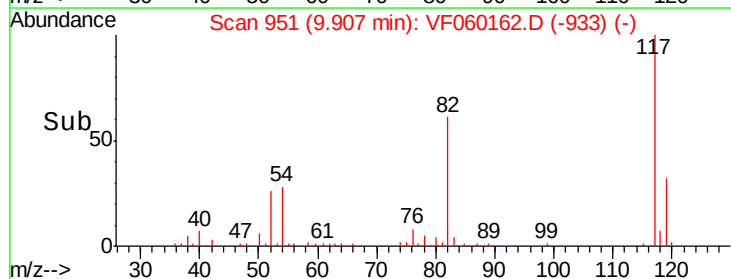
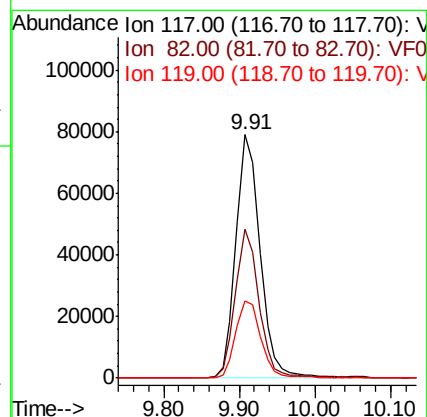
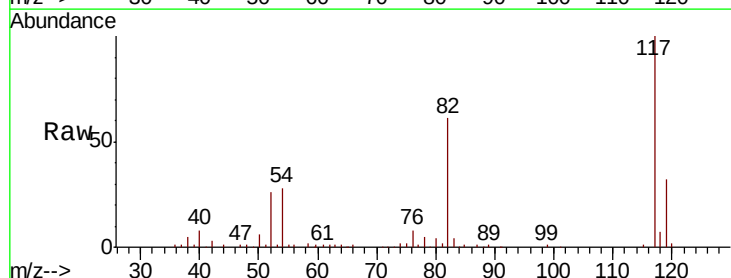
Tgt Ion: 117 Resp: 175445

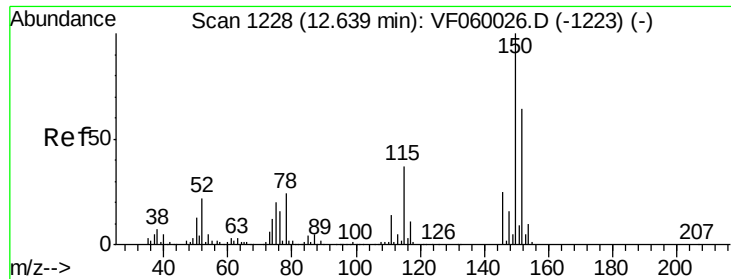
Ion Ratio Lower Upper

117 100

82 60.9 43.6 65.4

119 31.6 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF060162.D

Acq: 28 Aug 2018 20:52

Instrument :

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ClientSampleId :

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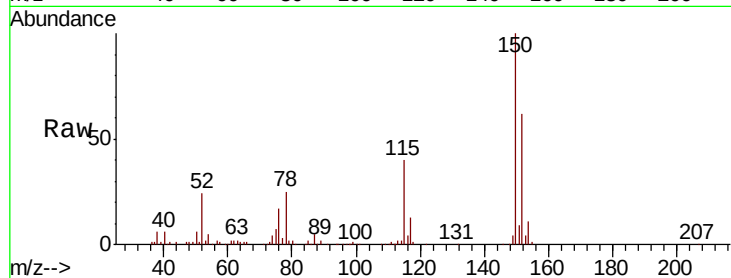
Tot Ion:152 Resp: 68523

Ion Ratio Lower Upper

152 100

115 65.0 28.6 85.9

150 161.1 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

