

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100218\
 Data File : VF060410.D
 Acq On : 2 Oct 2018 18:55
 Operator : VA/AP
 Sample : J5171-01
 Misc : 5.01/5mL/MSVOA F/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 KR-RO-VNJ-221

Quant Time: Oct 03 03:14:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

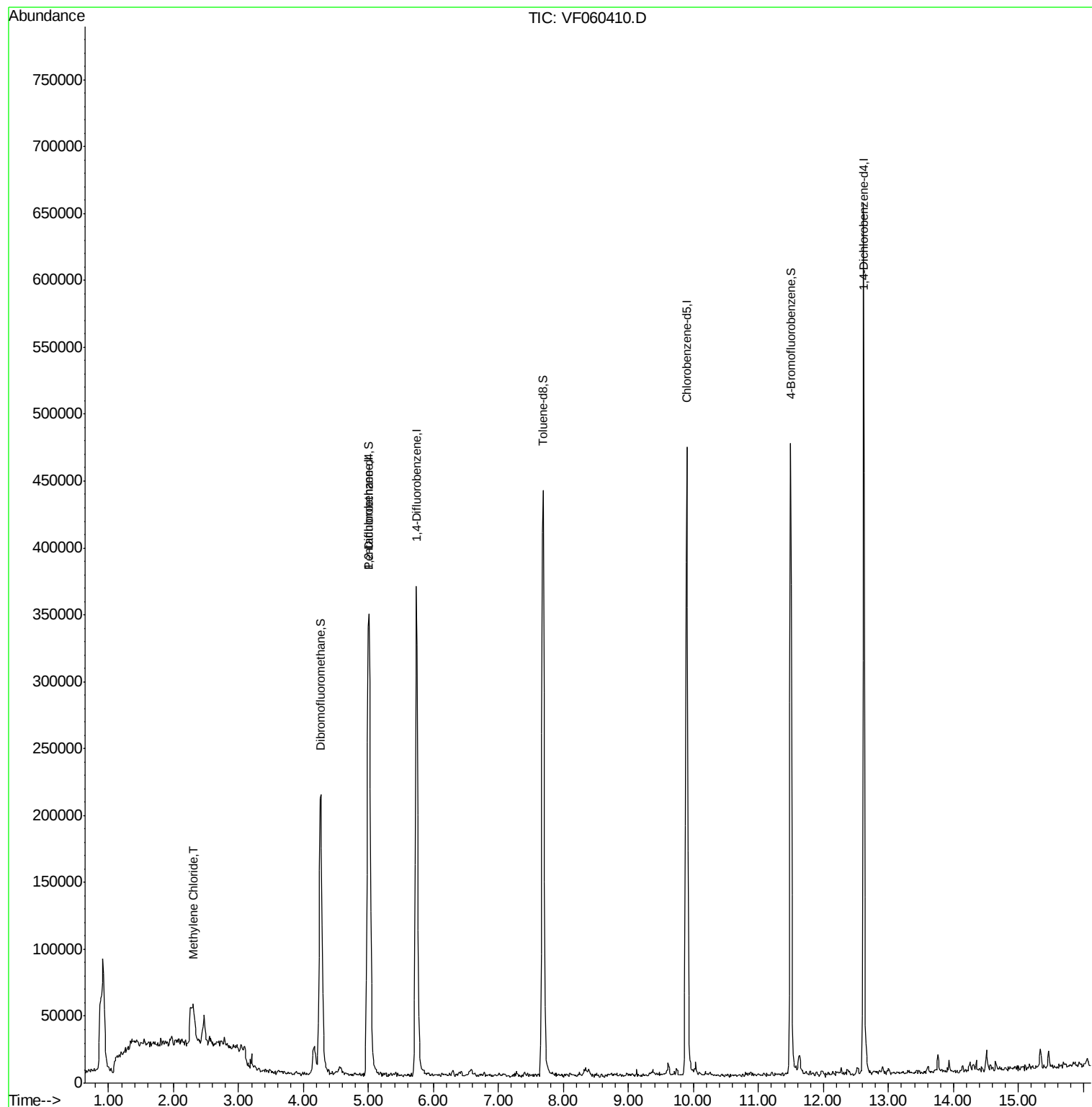
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	216740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	390792	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	323475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	158045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	172911	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
35) Dibromofluoromethane	4.27	113	193872	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
50) Toluene-d8	7.69	98	370047	40.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.86%	
62) 4-Bromofluorobenzene	11.49	95	163842	39.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.38%	
Target Compounds						
20) Methylene Chloride	2.30	84	28924	6.882	ug/l #	Qvalue 80

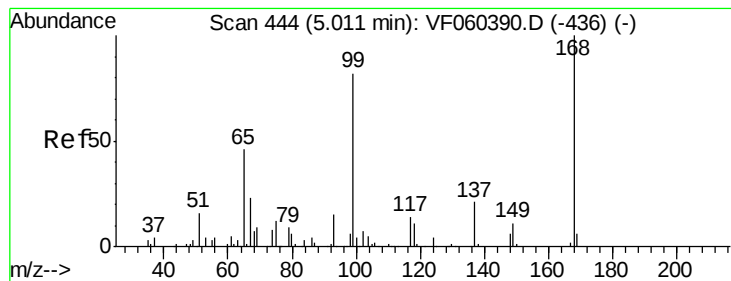
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.01 min

Lab File: VF060410.D

Acq: 2 Oct 2018 18:55

Instrument :

MSVOA_F

ClientSampleId :

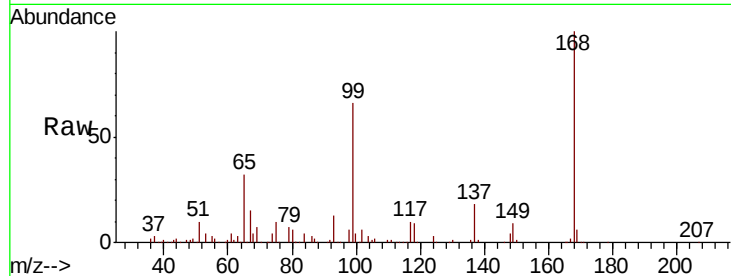
KR-RO-VNJ-221

Tot Ion:168 Resp: 216740

Ion Ratio Lower Upper

168 100

99 66.2 65.3 97.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

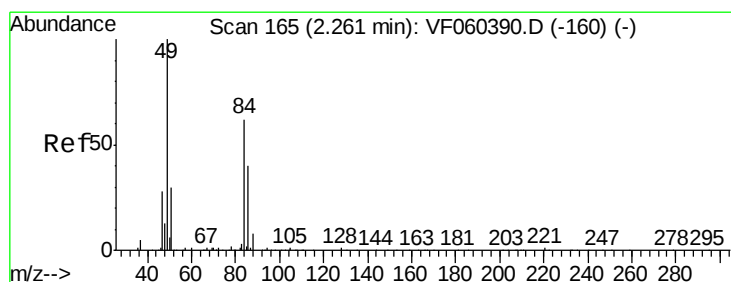
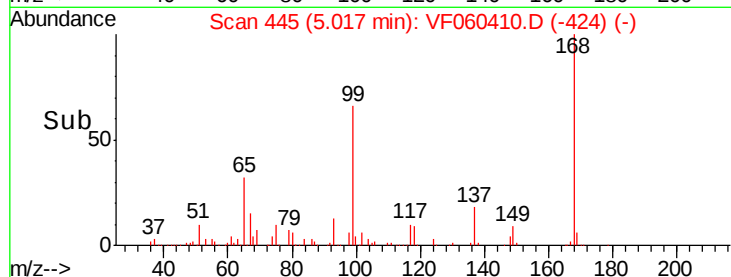
60000

40000

20000

0

Time--> 4.90 5.00 5.10 5.20



#20

Methylene Chloride

Concen: 6.882 ug/l

RT: 2.30 min Scan# 169

Delta R.T. 0.04 min

Lab File: VF060410.D

Acq: 2 Oct 2018 18:55

Tgt Ion: 84 Resp: 28924

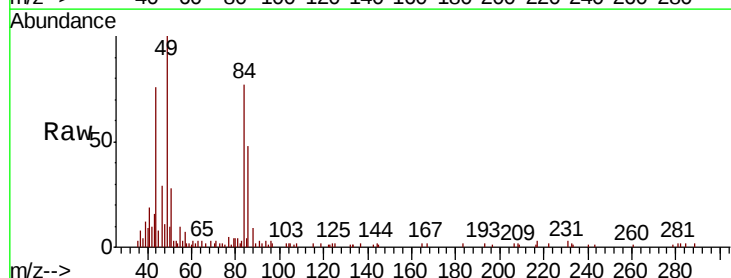
Ion Ratio Lower Upper

84 100

49 129.4 130.2 195.2#

51 35.7 41.0 61.6#

86 61.6 51.5 77.3



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

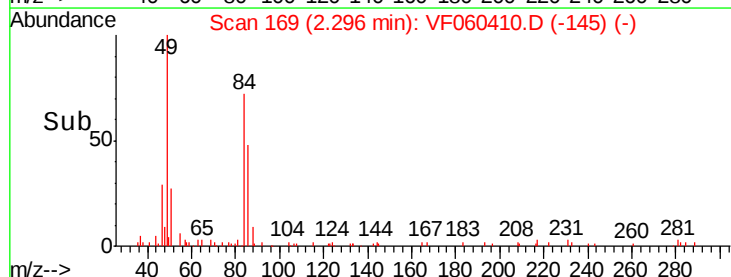
Ion 86.00 (85.70 to 86.70): VF0

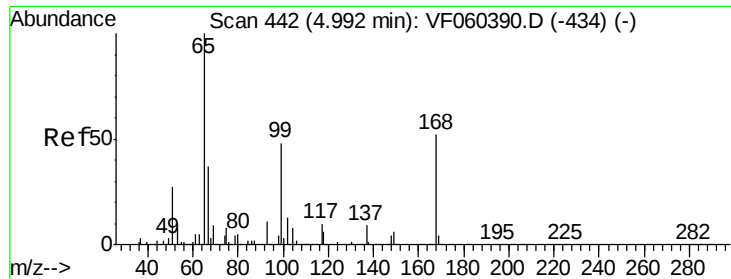
10000

5000

0

Time--> 2.20 2.30 2.40

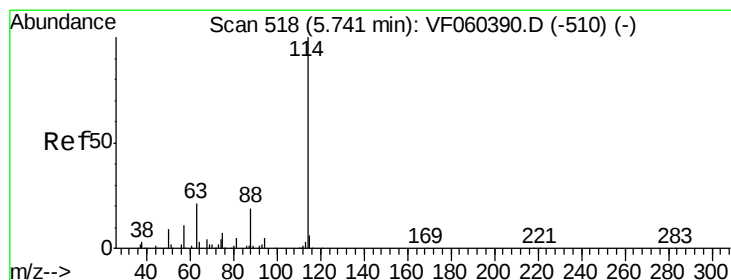
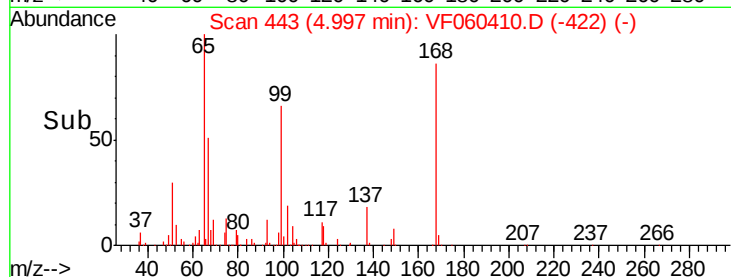
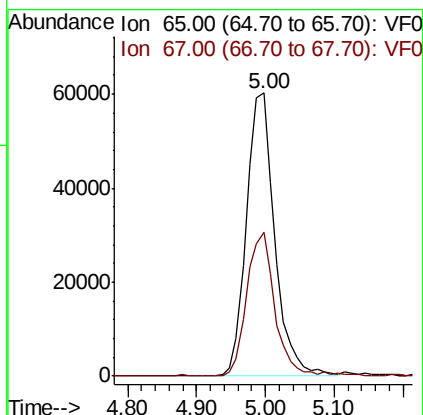
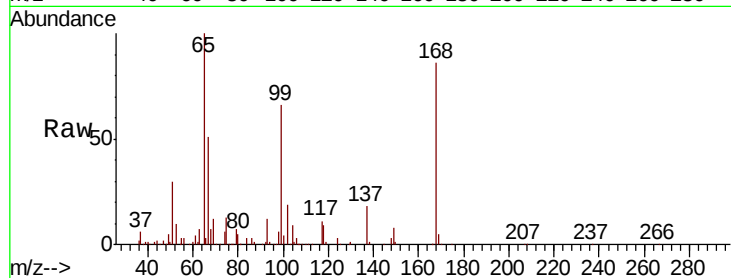




#33
 1,2-Dichloroethane-d4
 Concen: 50.984 ug/l
 RT: 5.00 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: VF060410.D
 Acq: 2 Oct 2018 18:55

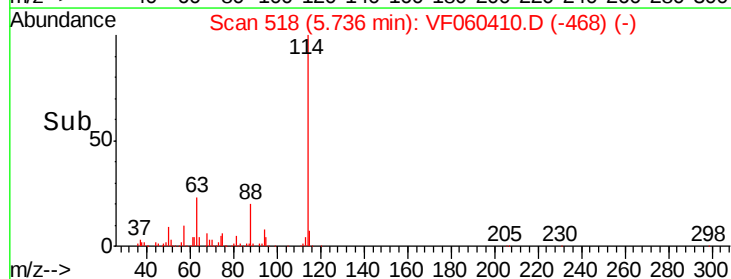
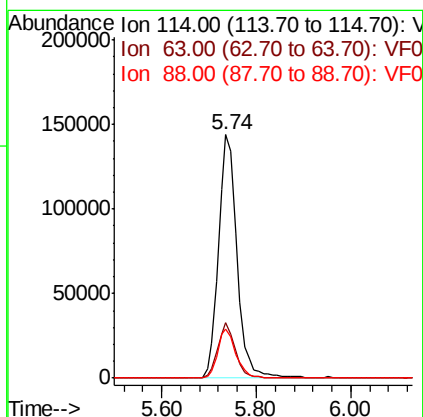
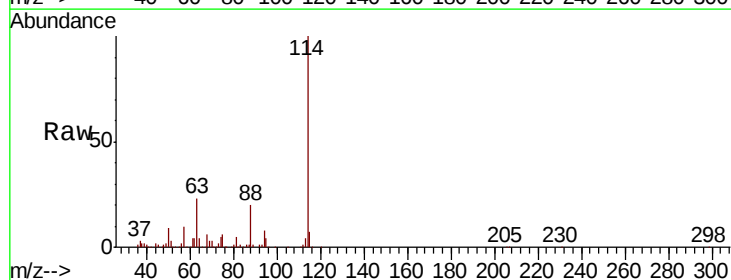
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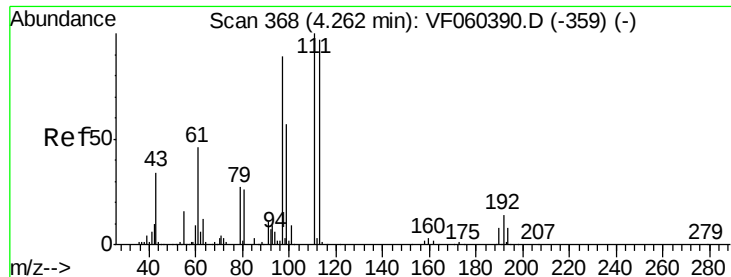
Tot Ion: 65 Resp: 172911
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 89.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.74 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: VF060410.D
 Acq: 2 Oct 2018 18:55

Tgt Ion:114 Resp: 390792
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 42.2
 88 20.4 0.0 38.8

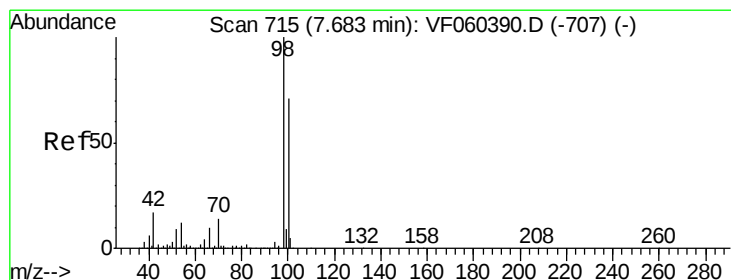
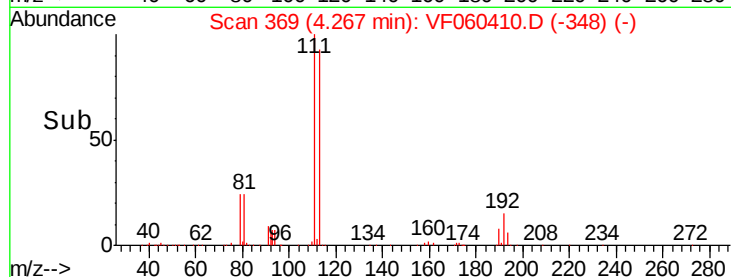
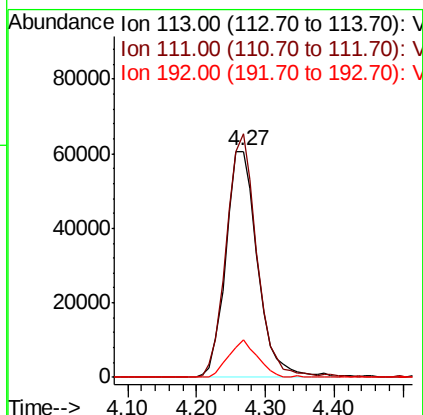
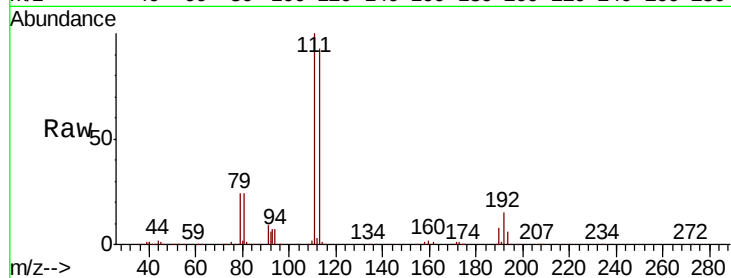




#35
 Dibromofluoromethane
 Concen: 52.808 ug/l
 RT: 4.27 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VF060410.D
 Acq: 2 Oct 2018 18:55

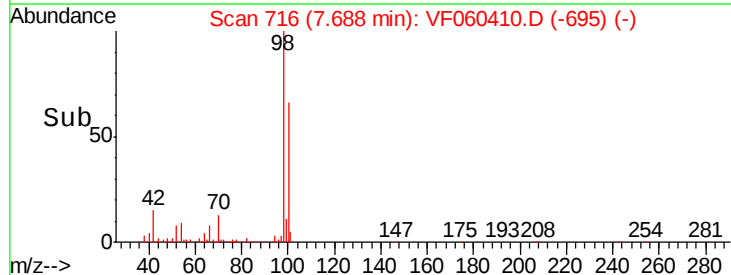
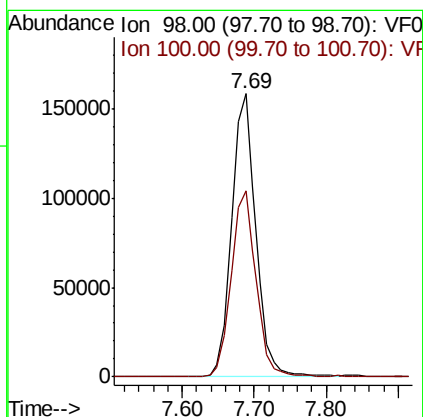
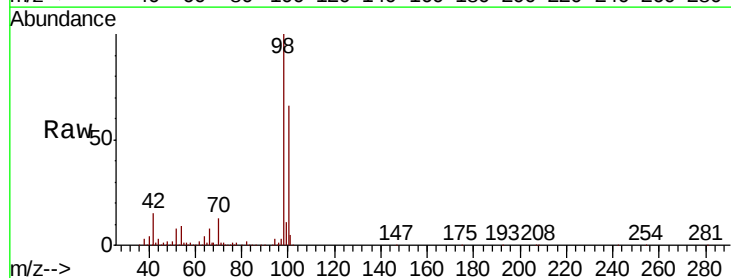
Instrument :
 MSVOA_F
 ClientSampleId :
 KR-RO-VNJ-221

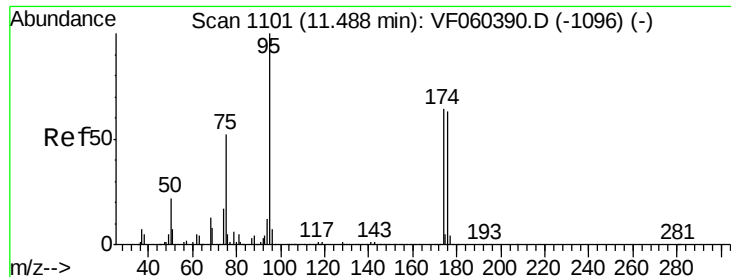
Tot Ion:113 Resp: 193872
 Ion Ratio Lower Upper
 113 100
 111 107.7 82.3 123.5
 192 16.5 11.8 17.6



#50
 Toluene-d8
 Concen: 40.927 ug/l
 RT: 7.69 min Scan# 716
 Delta R.T. 0.01 min
 Lab File: VF060410.D
 Acq: 2 Oct 2018 18:55

Tgt Ion: 98 Resp: 370047
 Ion Ratio Lower Upper
 98 100
 100 65.6 56.5 84.7





#62

4-Bromofluorobenzene

Concen: 39.687 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. 0.01 min

Lab File: VF060410.D

Acq: 2 Oct 2018 18:55

Instrument :

MSVOA_F

ClientSampleId :

KR-RO-VNJ-221

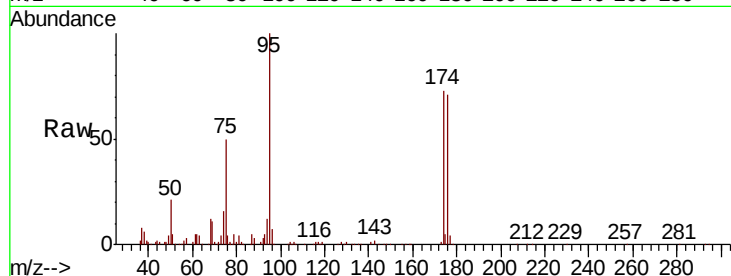
Tot Ion: 95 Resp: 163842

Ion Ratio Lower Upper

95 100

174 72.9 0.0 129.0

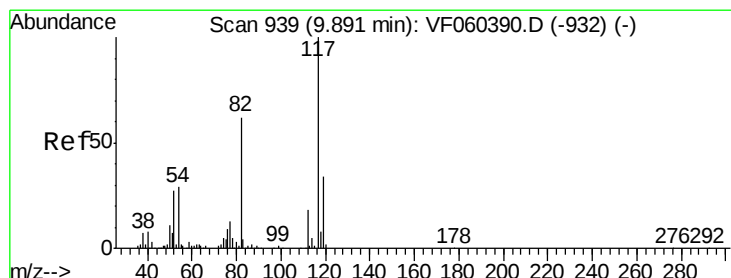
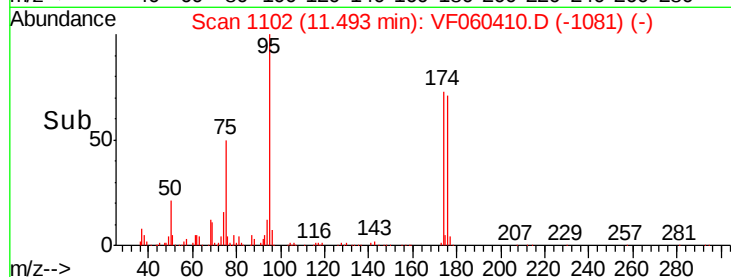
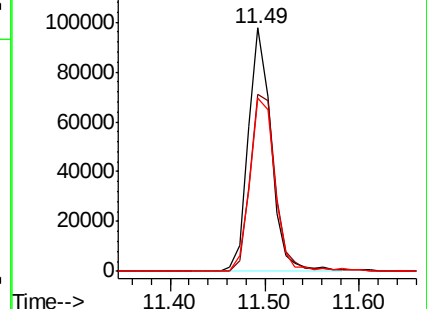
176 71.3 0.0 125.6



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: 50.000 ug/l

RT: 9.90 min Scan# 940

Delta R.T. 0.01 min

Lab File: VF060410.D

Acq: 2 Oct 2018 18:55

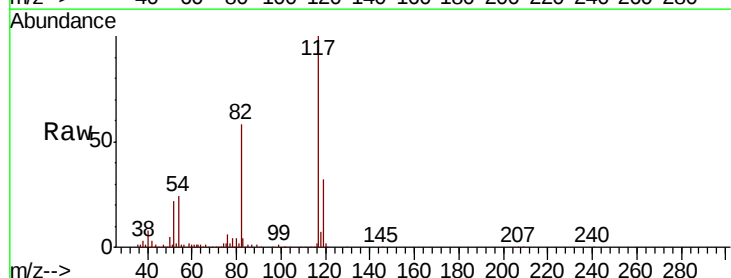
Tgt Ion: 117 Resp: 323475

Ion Ratio Lower Upper

117 100

82 58.3 49.5 74.3

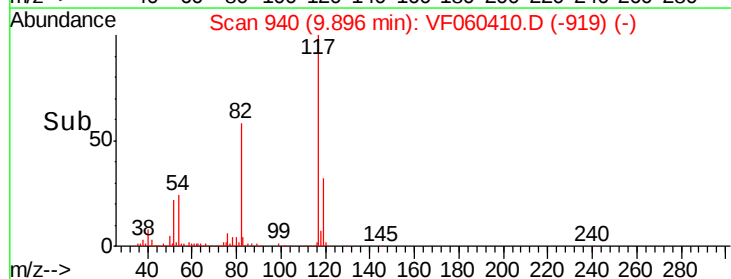
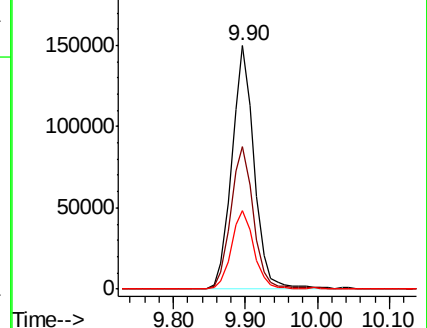
119 32.1 27.0 40.6

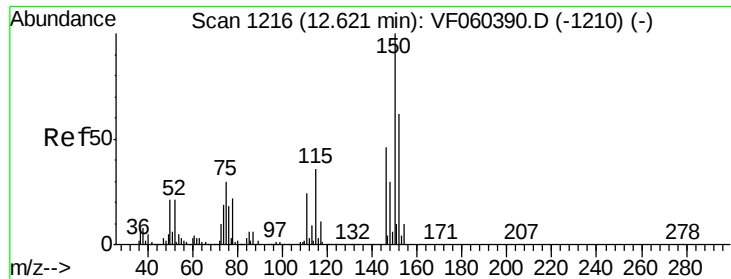


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1216

Delta R.T. -0.00 min

Lab File: VF060410.D

Acq: 2 Oct 2018 18:55

Instrument :

MSVOA_F

ClientSampleId :

KR-RO-VNJ-221

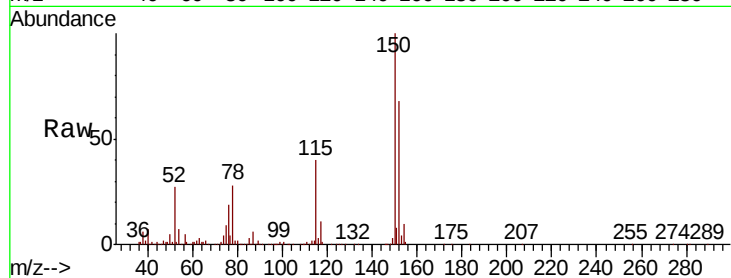
Tot Ion:152 Resp: 158045

Ion Ratio Lower Upper

152 100

115 58.7 28.6 85.8

150 146.9 0.0 324.6



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

