

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122618\
 Data File : VF061187.D
 Acq On : 26 Dec 2018 14:39
 Operator : VA/AP
 Sample : J6447-07
 Misc : 4.36g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS025-0612-01

Quant Time: Dec 27 00:45:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

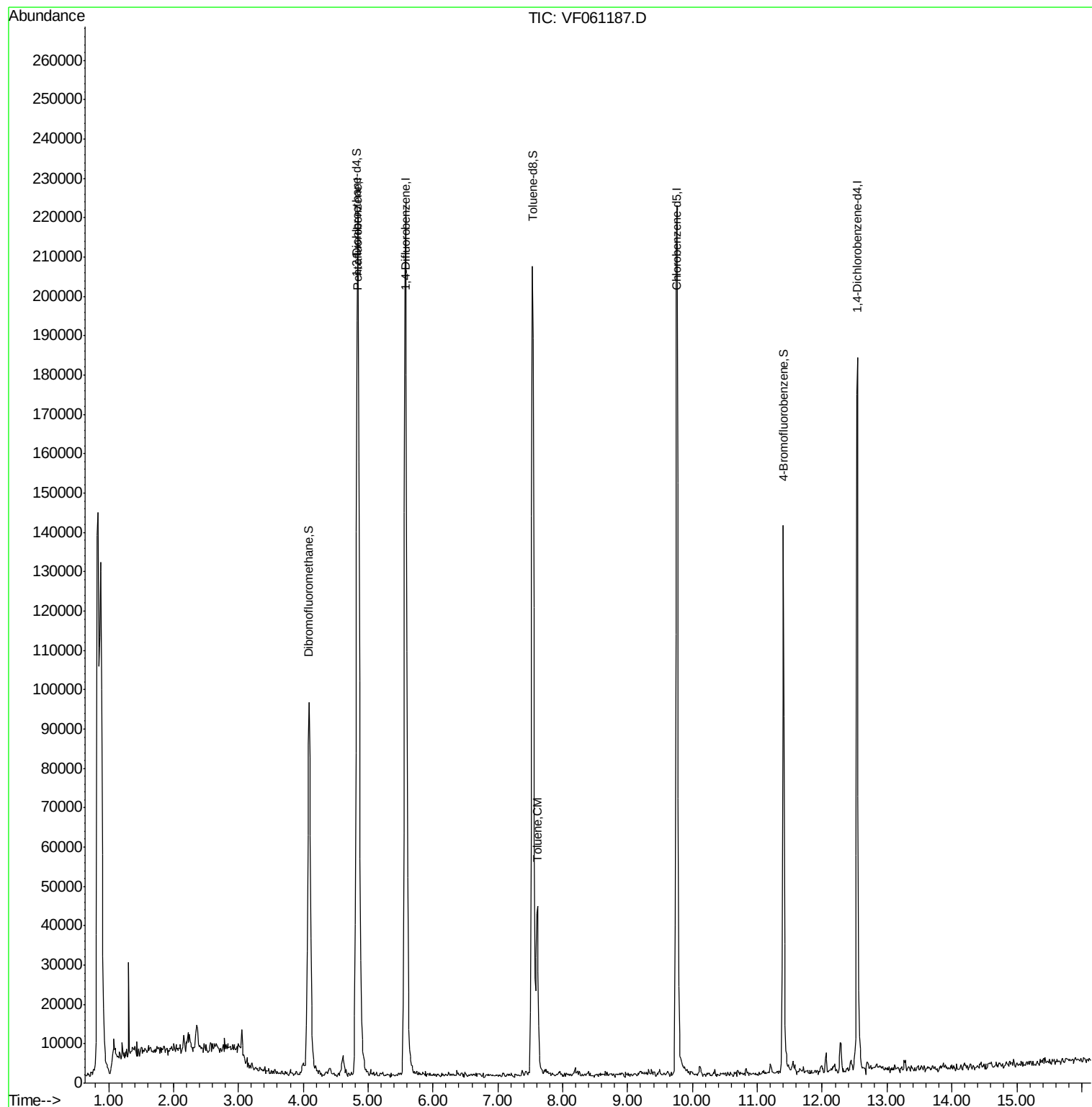
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	154967	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	247790	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	160299	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.54	152	45877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	86439	43.37	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.74%	
35) Dibromofluoromethane	4.09	113	90375	45.53	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	91.06%	
50) Toluene-d8	7.53	98	172678	30.70	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	61.40%	
62) 4-Bromofluorobenzene	11.40	95	52305	20.17	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	40.34%	
Target Compounds						
52) Toluene	7.61	92	22481	5.280	ug/l	Qvalue 86

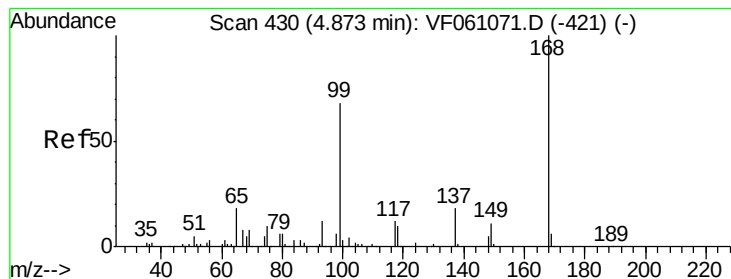
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

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Acq: 26 Dec 2018 14:39

Instrument :

MSVOA_F

ClientSampleId :

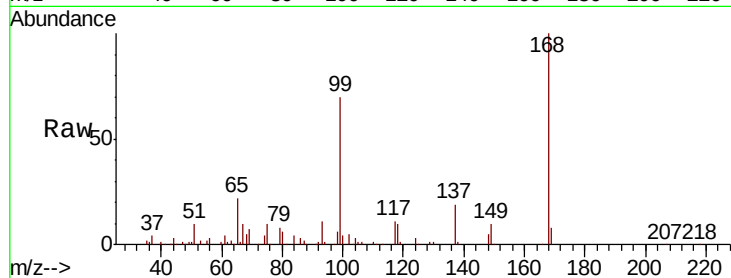
P001-SS025-0612-01

Tot Ion:168 Resp: 154967

Ion Ratio Lower Upper

168 100

99 70.5 54.4 81.6

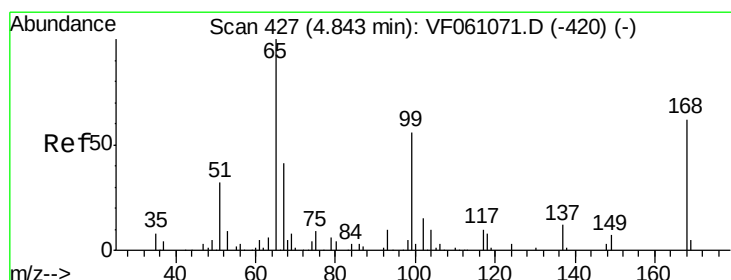
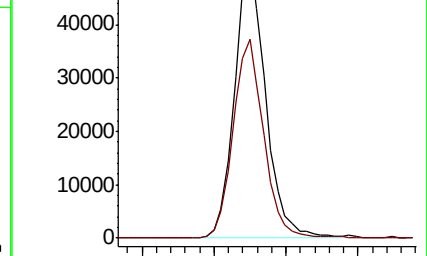
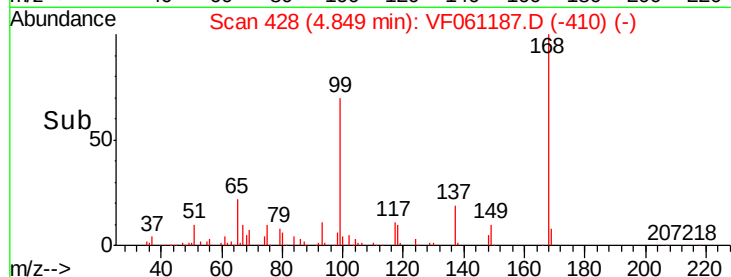


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.368 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF061187.D

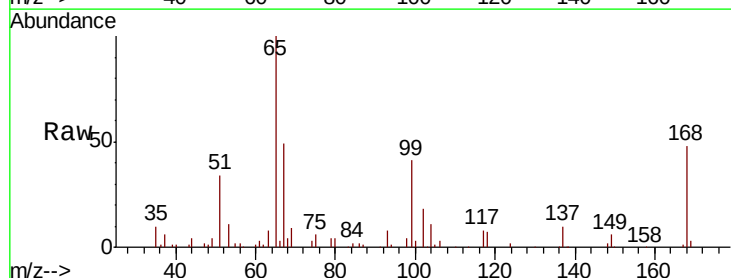
Acq: 26 Dec 2018 14:39

Tgt Ion: 65 Resp: 86439

Ion Ratio Lower Upper

65 100

67 49.2 0.0 94.6

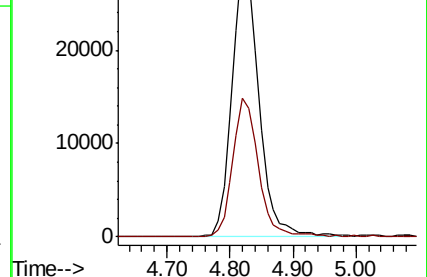
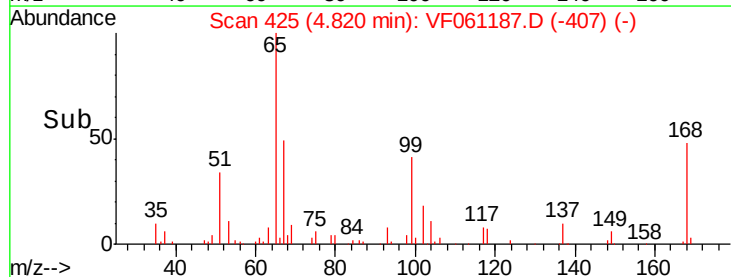


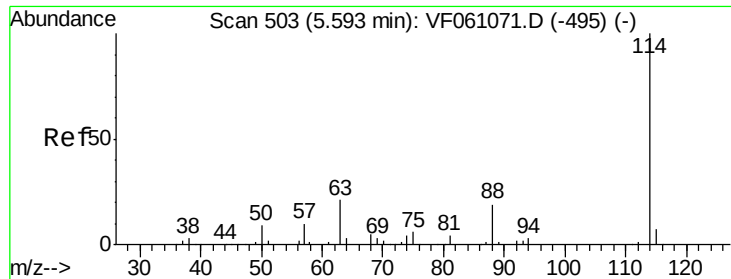
Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

Time-->

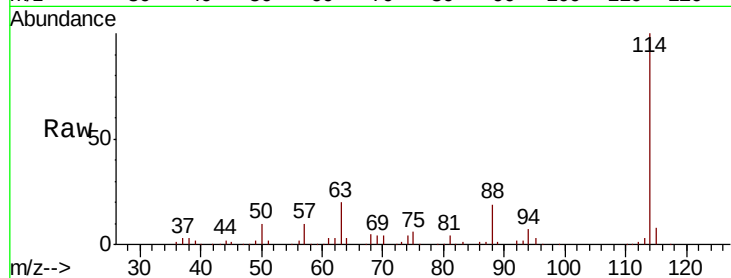




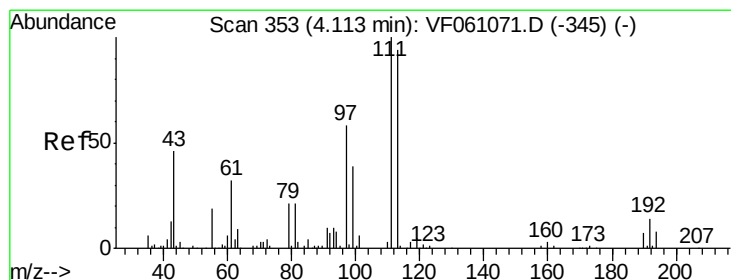
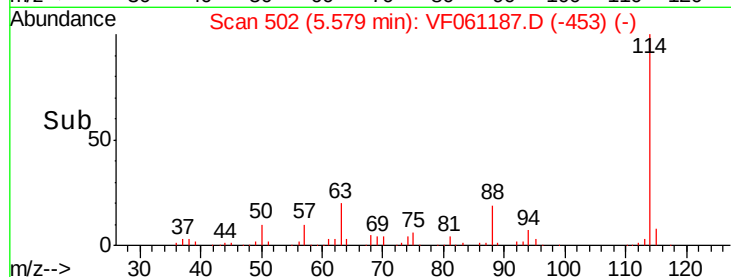
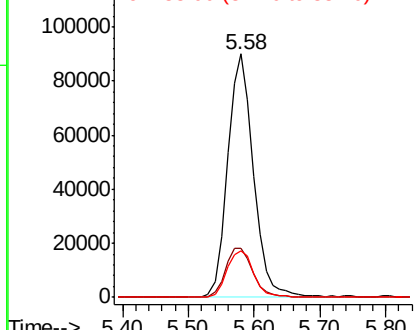
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: VF061187.D
 Acq: 26 Dec 2018 14:39

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS025-0612-01

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.6
88	19.2	0.0	38.0

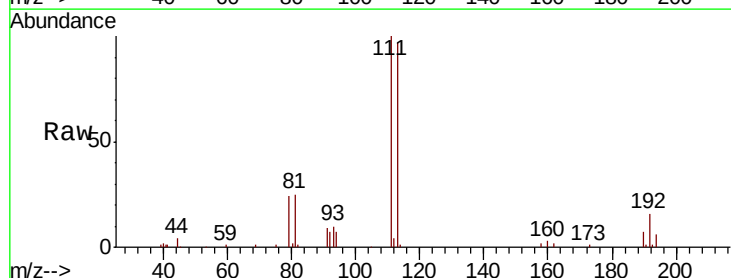


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

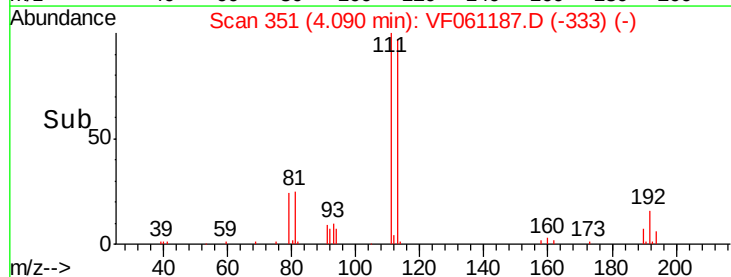
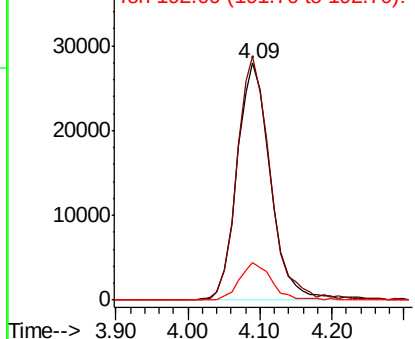


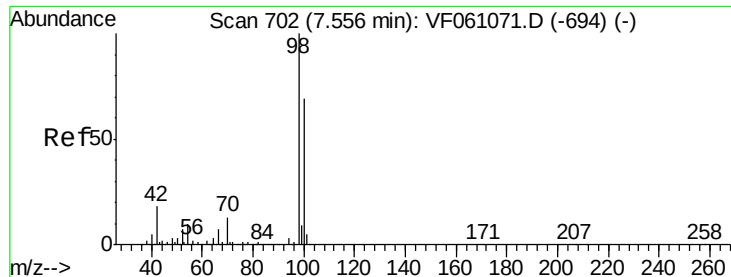
#35
 Dibromofluoromethane
 Concen: 45.530 ug/l
 RT: 4.09 min Scan# 351
 Delta R.T. -0.02 min
 Lab File: VF061187.D
 Acq: 26 Dec 2018 14:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	85.2	127.8
192	16.8	12.8	19.2



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: 30.698 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF061187.D

Acq: 26 Dec 2018 14:39

Instrument :

MSVOA_F

ClientSampleId :

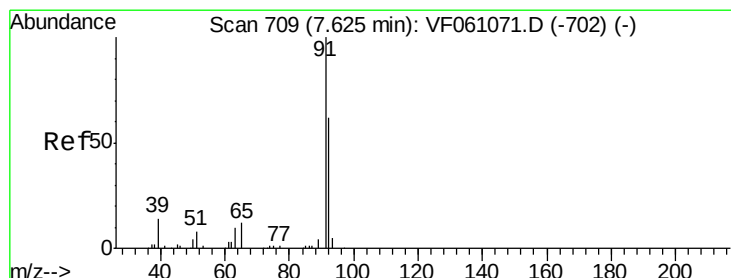
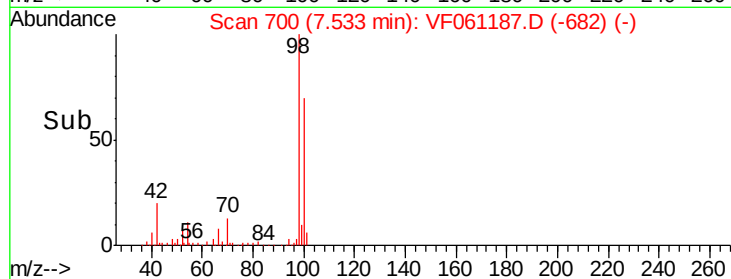
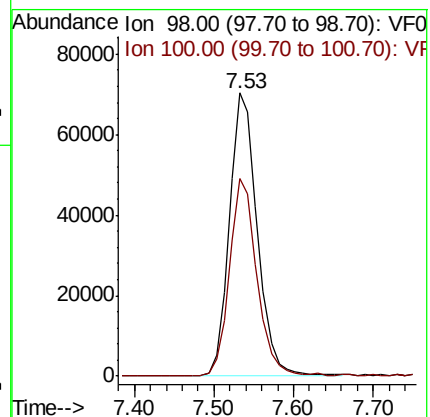
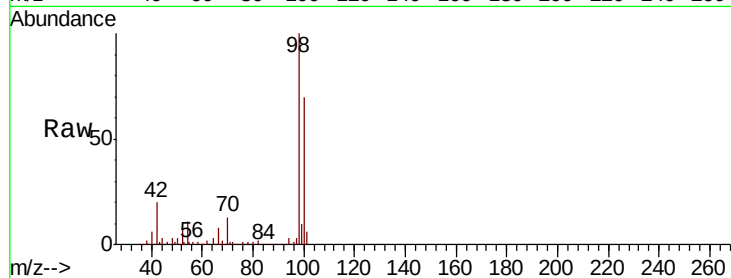
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Tot Ion: 98 Resp: 172678

Ion Ratio Lower Upper

98 100

100 69.9 55.3 82.9



#52

Toluene

Concen: 5.280 ug/l

RT: 7.61 min Scan# 708

Delta R.T. -0.01 min

Lab File: VF061187.D

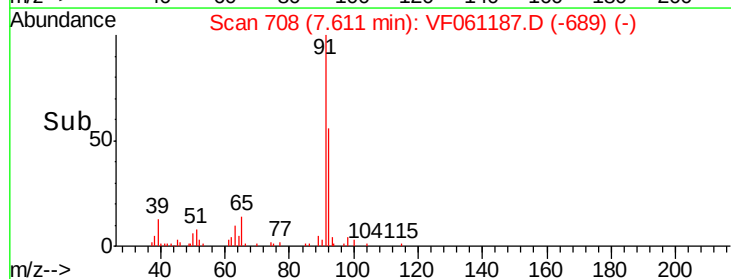
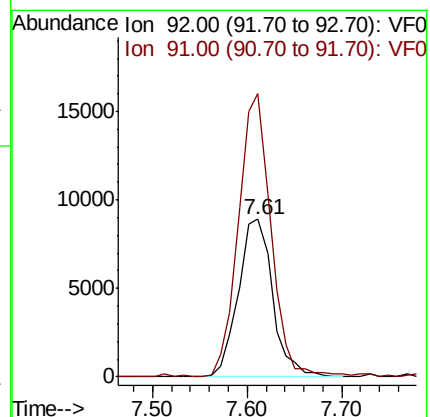
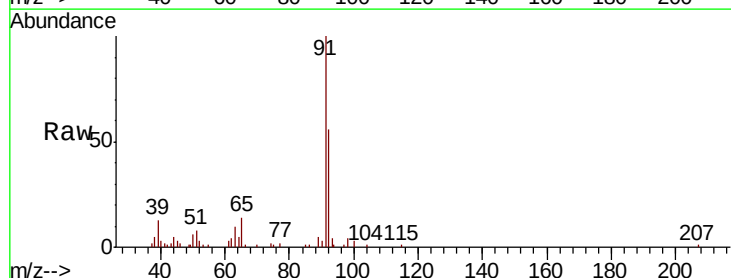
Acq: 26 Dec 2018 14:39

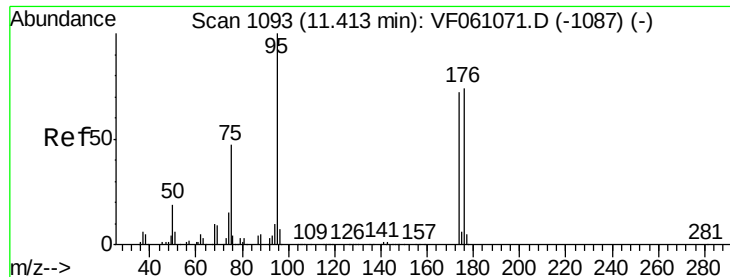
Tgt Ion: 92 Resp: 22481

Ion Ratio Lower Upper

92 100

91 179.4 128.8 193.2





#62

4-Bromofluorobenzene

Concen: 20.170 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061187.D

Acq: 26 Dec 2018 14:39

Instrument :

MSVOA_F

ClientSampleId :

P001-SS025-0612-01

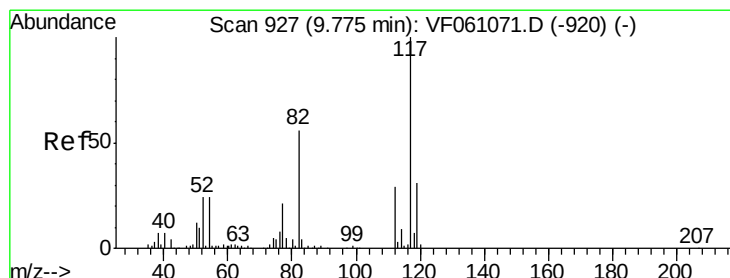
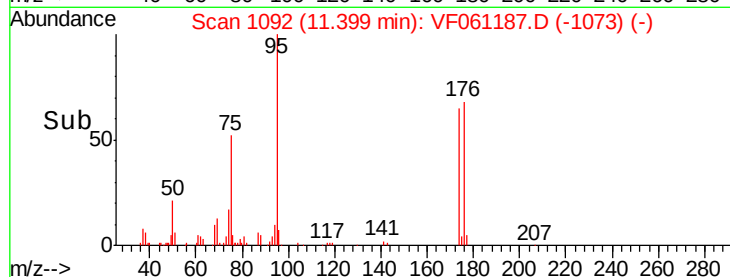
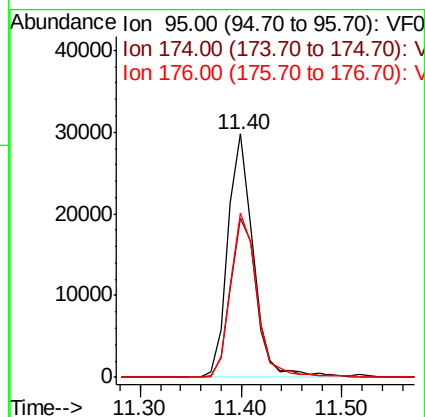
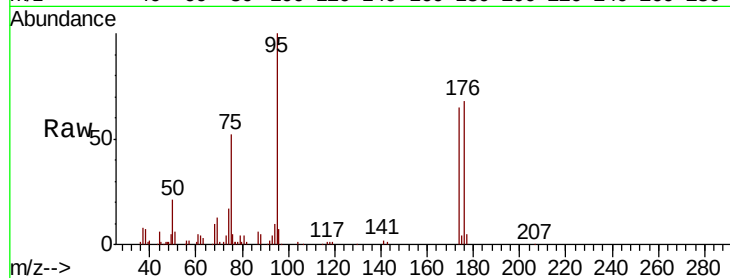
Tot Ion: 95 Resp: 52305

Ion Ratio Lower Upper

95 100

174 65.2 0.0 143.8

176 67.5 0.0 147.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 926

Delta R.T. -0.01 min

Lab File: VF061187.D

Acq: 26 Dec 2018 14:39

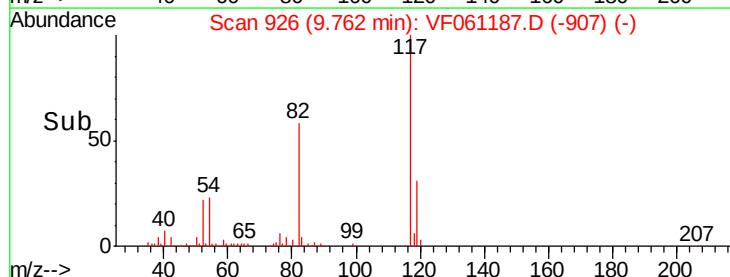
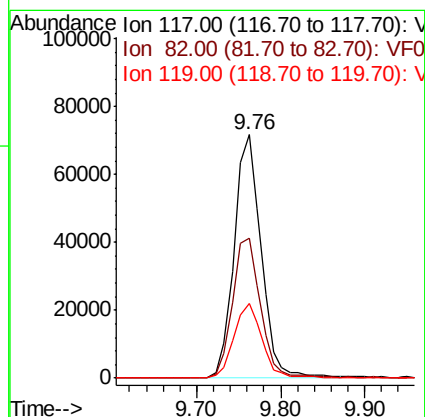
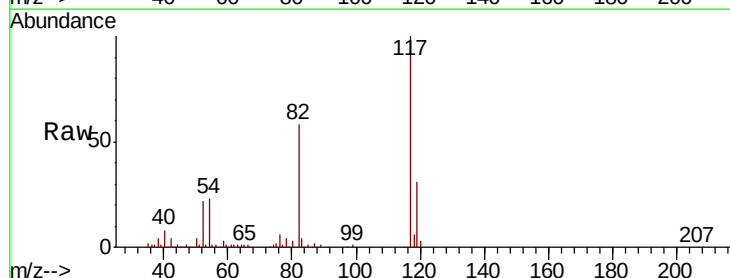
Tgt Ion: 117 Resp: 160299

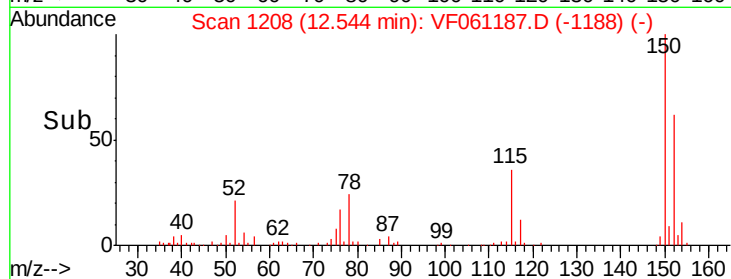
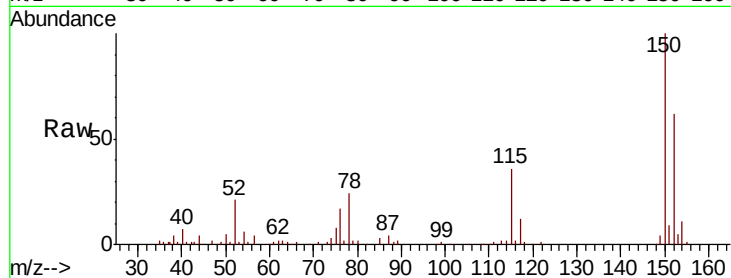
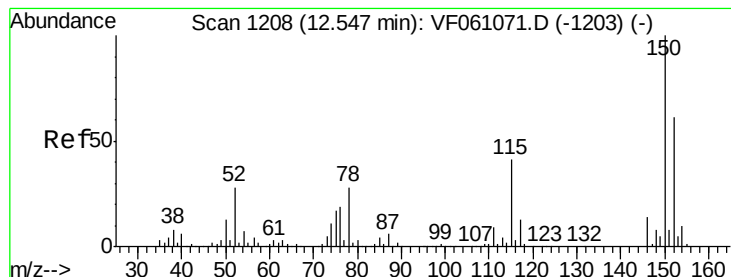
Ion Ratio Lower Upper

117 100

82 57.6 45.0 67.4

119 30.7 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VF061187.D

Acq: 26 Dec 2018 14:39

Instrument :

MSVOA_F

ClientSampleId :

P001-SS025-0612-01

Tot Ion:152 Resp: 45877

Ion Ratio Lower Upper

152 100

115 58.3 33.3 99.9

150 160.5 0.0 328.2

