

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022219\
 Data File : VF061710.D
 Acq On : 22 Feb 2019 16:01
 Operator : VA/AP
 Sample : K1595-01
 Misc : 6.15g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-CBF-B10

Quant Time: Feb 23 03:11:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

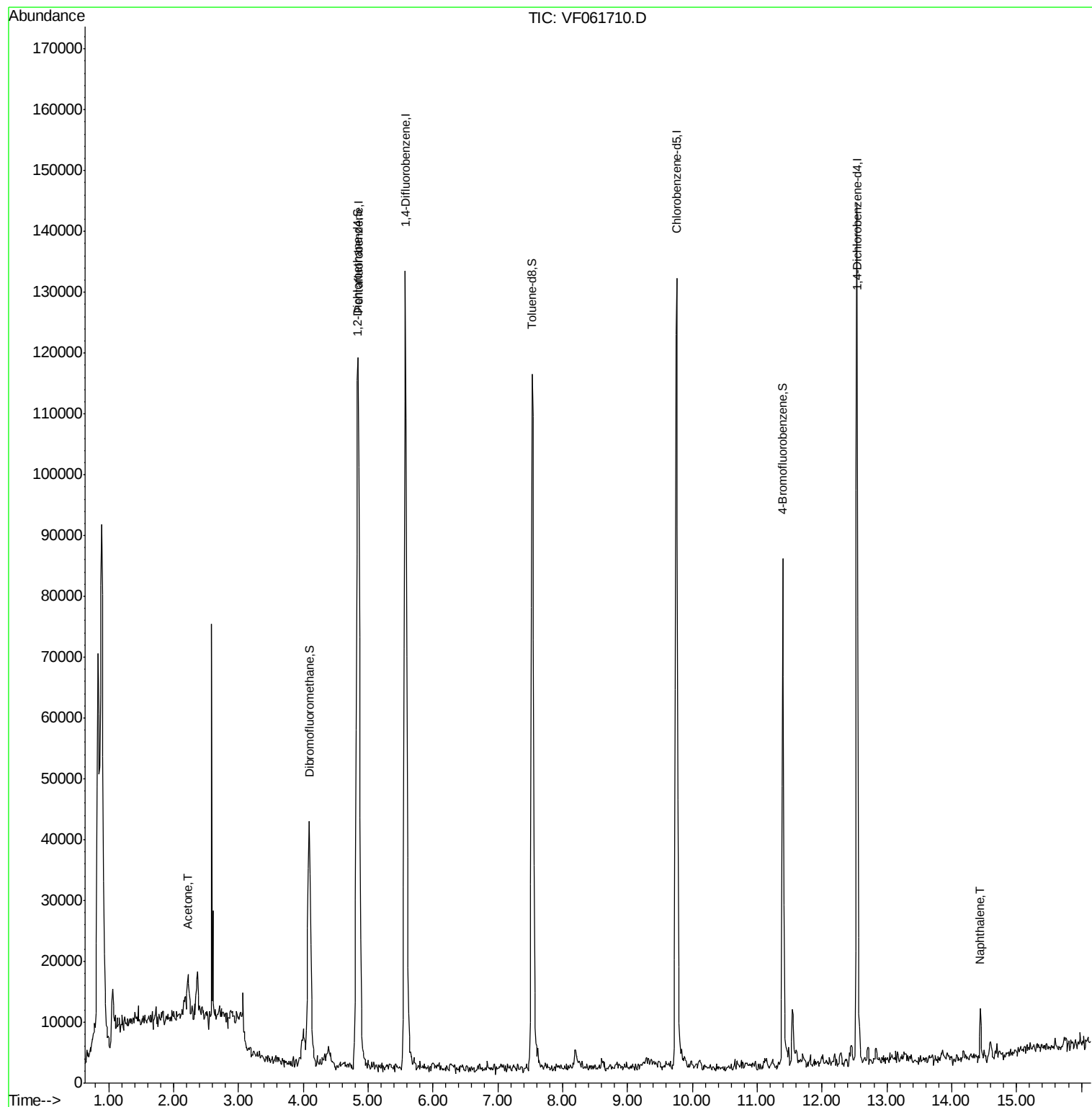
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	122358	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	165632	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	112048	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	40956	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	25640	28.58	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	57.16%	
35) Dibromofluoromethane	4.10	113	41857	34.03	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	68.06%	
50) Toluene-d8	7.54	98	105181	29.75	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	59.50%	
62) 4-Bromofluorobenzene	11.40	95	32583	22.77	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	45.54%	
Target Compounds						
16) Acetone	2.22	43	12222	63.486	ug/l #	87
95) Naphthalene	14.44	128	5337	3.186	ug/l	98

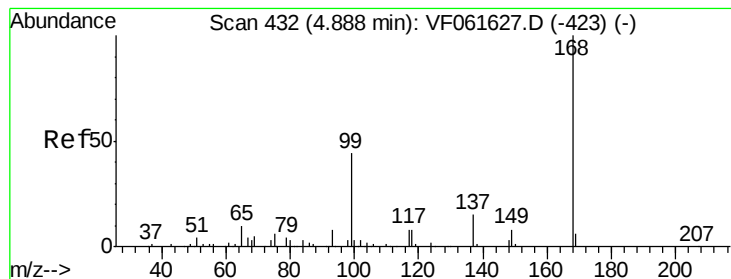
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF061710.D

Acq: 22 Feb 2019 16:01

Instrument :

MSVOA_F

ClientSampleId :

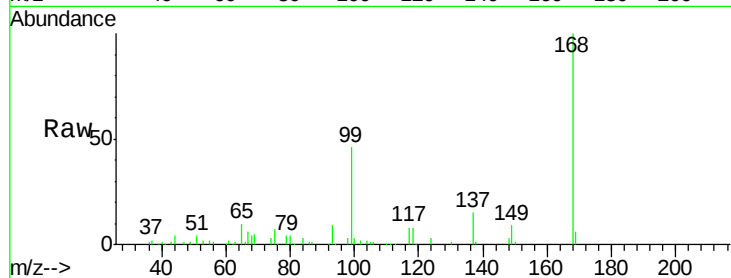
TP-CBF-B10

Tot Ion:168 Resp: 122358

Ion Ratio Lower Upper

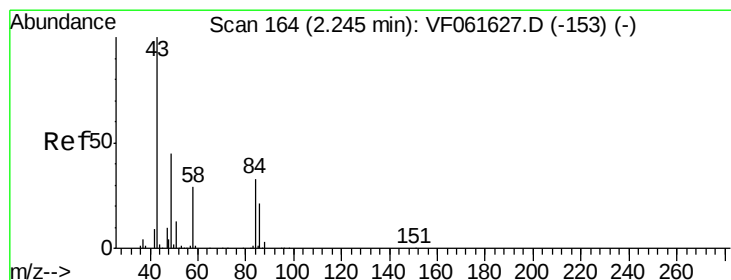
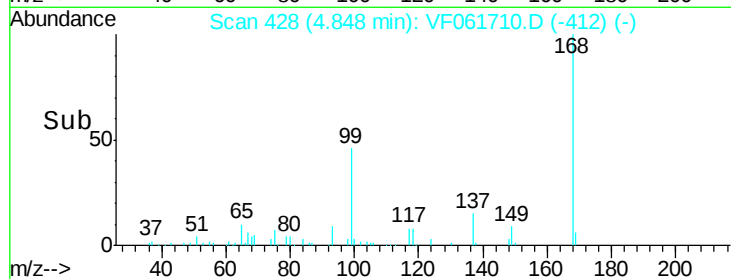
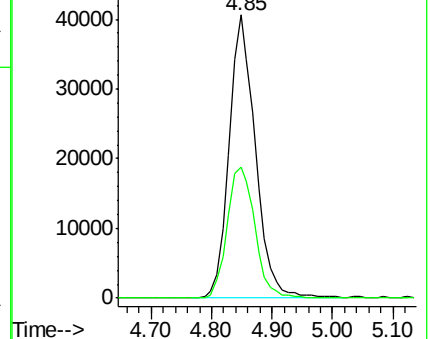
168 100

99 46.2 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 63.486 ug/l

RT: 2.22 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF061710.D

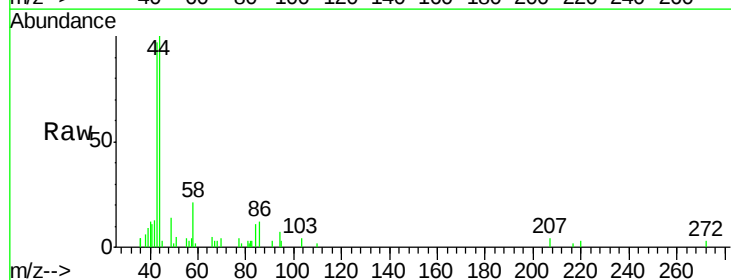
Acq: 22 Feb 2019 16:01

Tgt Ion: 43 Resp: 12222

Ion Ratio Lower Upper

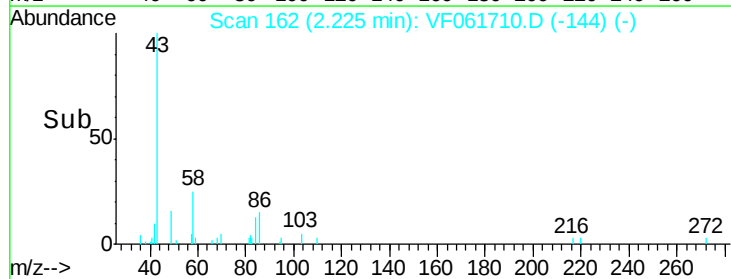
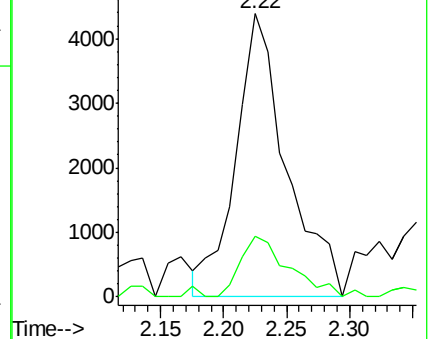
43 100

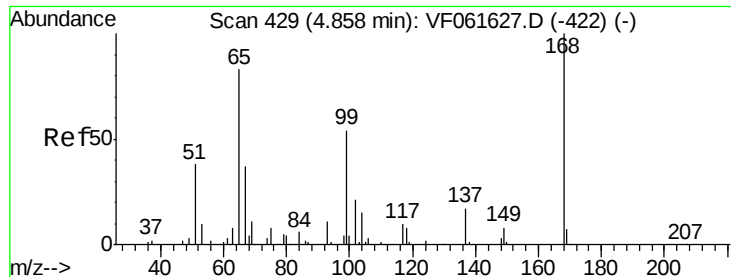
58 21.6 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 28.576 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.03 min

Lab File: VF061710.D

Acq: 22 Feb 2019 16:01

Instrument :

MSVOA_F

ClientSampleId :

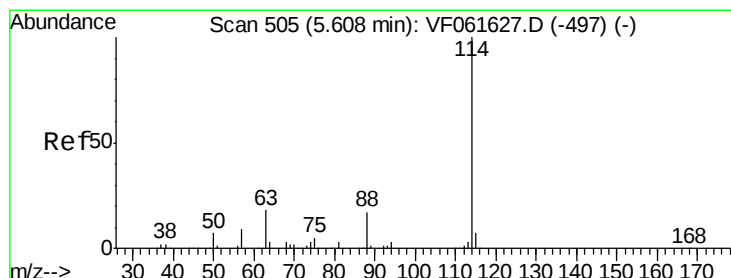
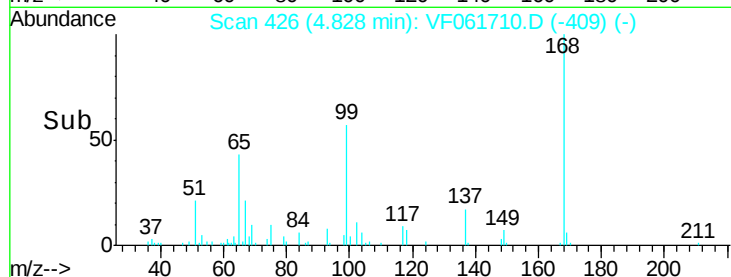
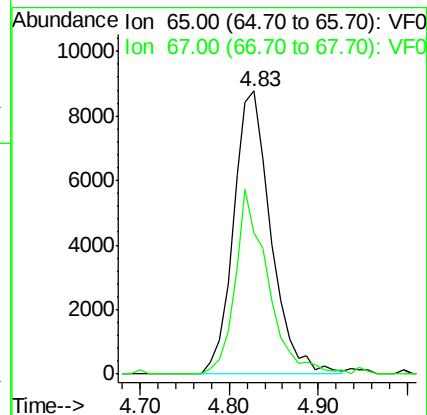
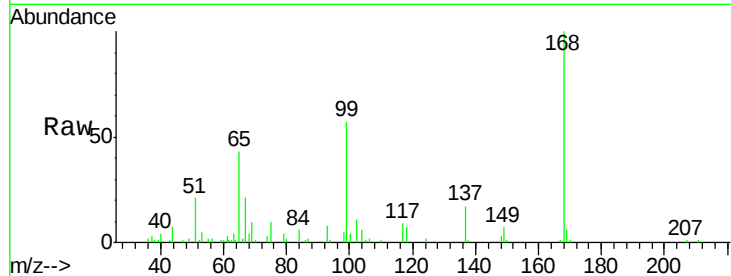
TP-CBF-B10

Tot Ion: 65 Resp: 25640

Ion Ratio Lower Upper

65 100

67 49.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061710.D

Acq: 22 Feb 2019 16:01

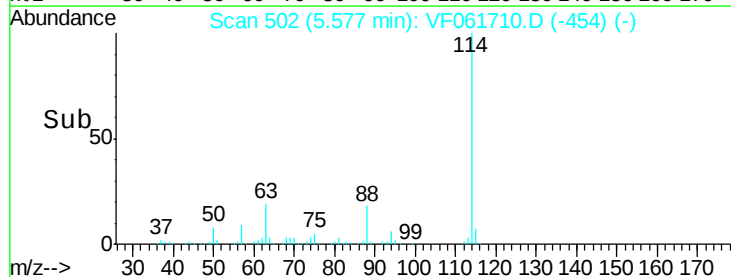
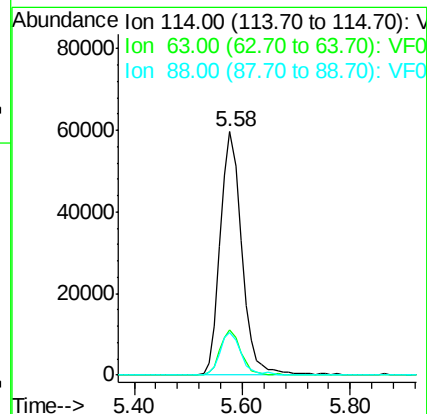
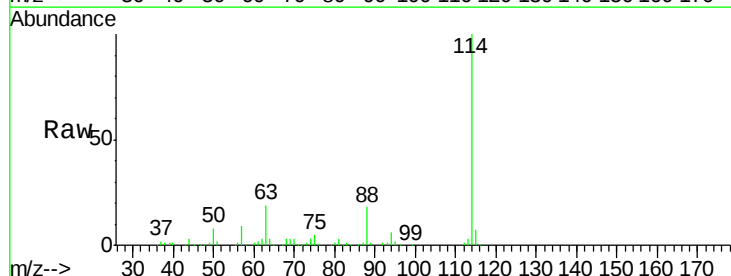
Tgt Ion: 114 Resp: 165632

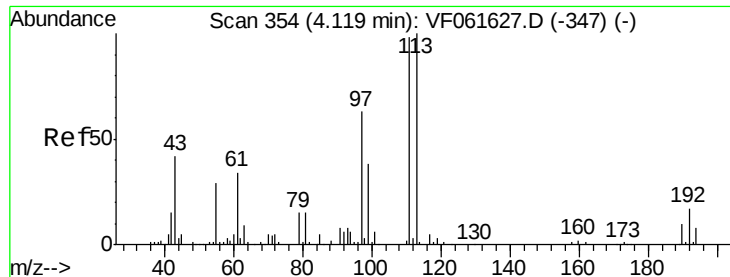
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.6

88 17.5 0.0 34.4





#35

Dibromofluoromethane

Concen: 34.030 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061710.D

Acq: 22 Feb 2019 16:01

Instrument :

MSVOA_F

ClientSampleId :

TP-CBF-B10

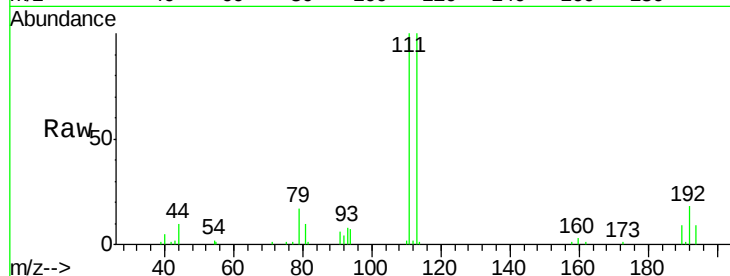
Tot Ion:113 Resp: 41857

Ion Ratio Lower Upper

113 100

111 100.1 78.8 118.2

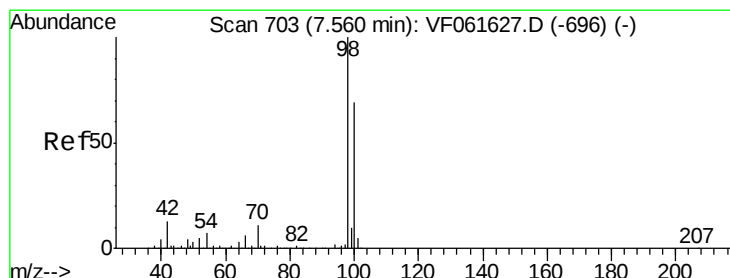
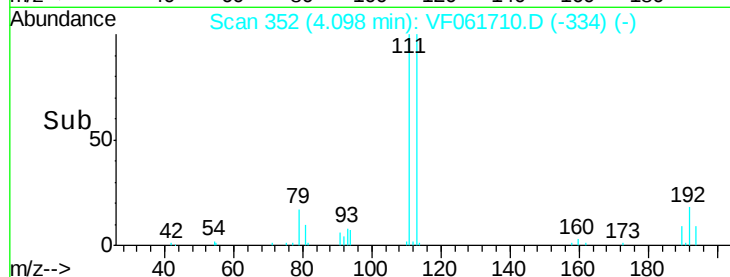
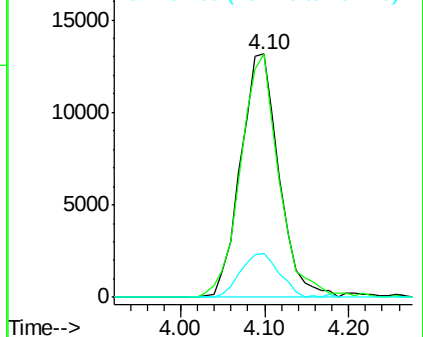
192 17.8 13.4 20.0



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: 29.747 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF061710.D

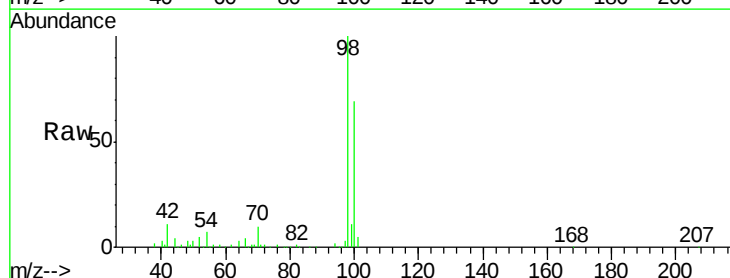
Acq: 22 Feb 2019 16:01

Tgt Ion: 98 Resp: 105181

Ion Ratio Lower Upper

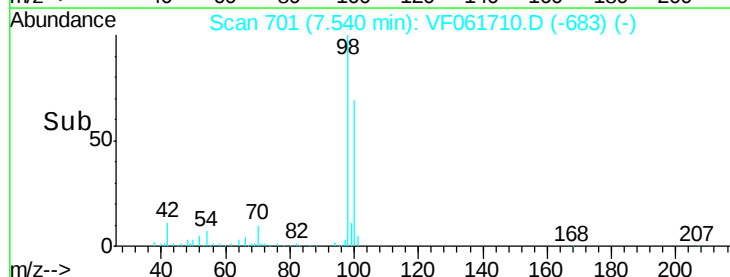
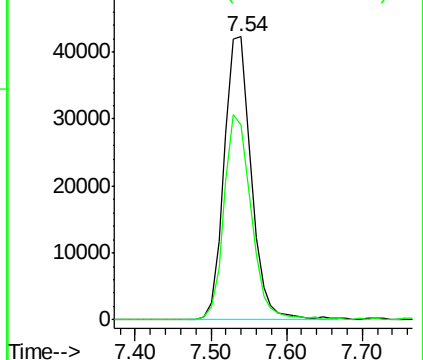
98 100

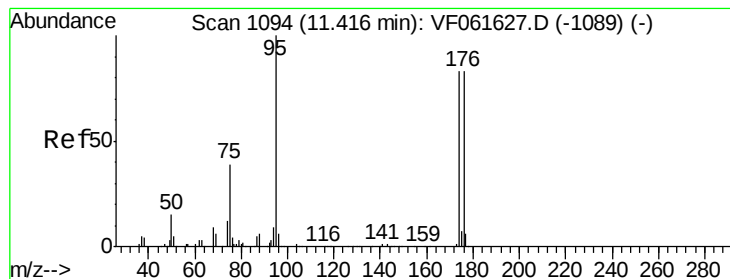
100 69.1 55.4 83.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 22.774 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061710.D

Acq: 22 Feb 2019 16:01

Instrument :

MSVOA_F

ClientSampleId :

TP-CBF-B10

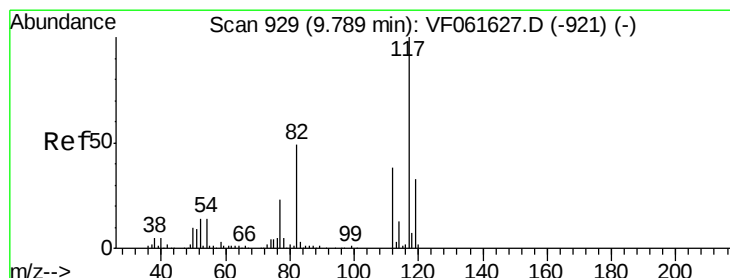
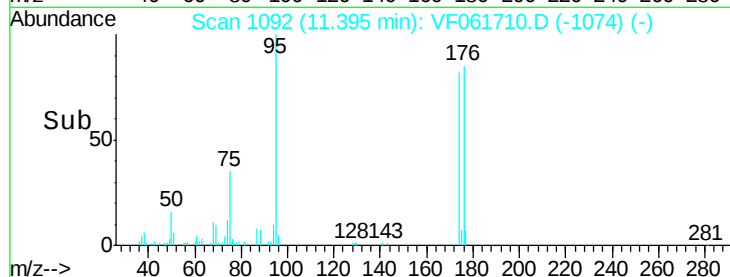
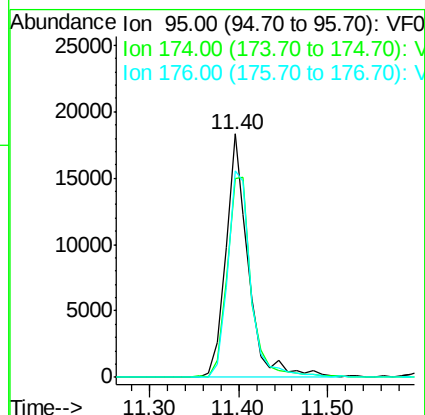
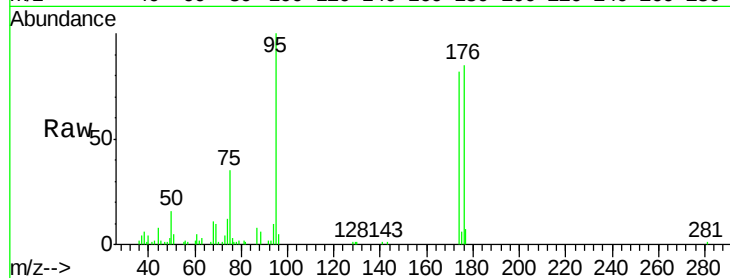
Tot Ion: 95 Resp: 32583

Ion Ratio Lower Upper

95 100

174 81.9 0.0 165.8

176 84.6 0.0 167.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 926

Delta R.T. -0.03 min

Lab File: VF061710.D

Acq: 22 Feb 2019 16:01

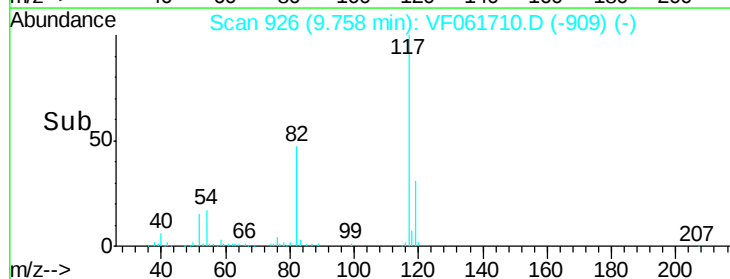
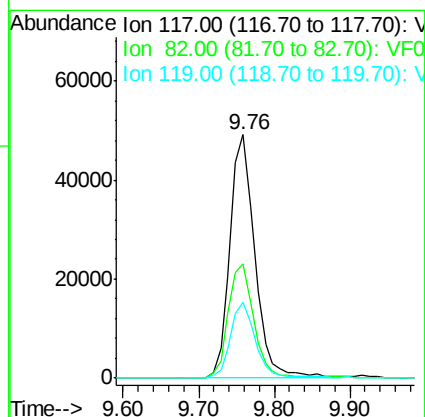
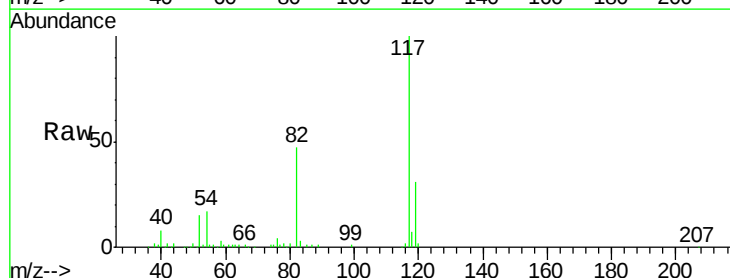
Tgt Ion: 117 Resp: 112048

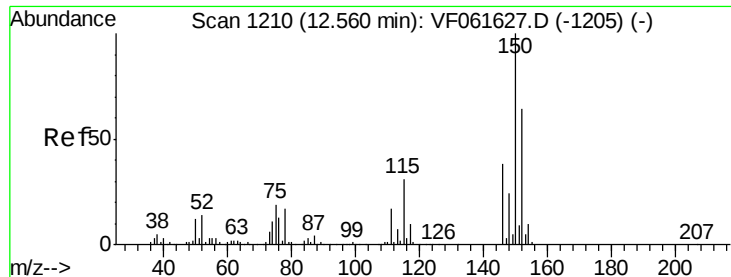
Ion Ratio Lower Upper

117 100

82 46.8 39.3 58.9

119 31.3 26.6 40.0



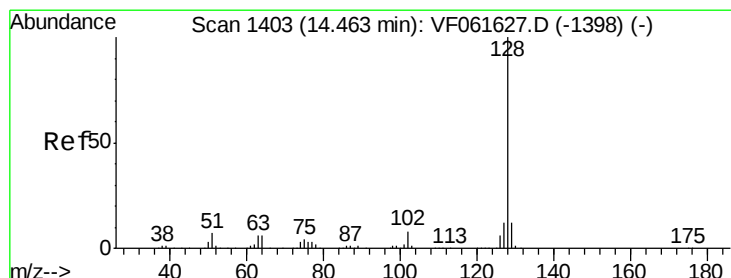
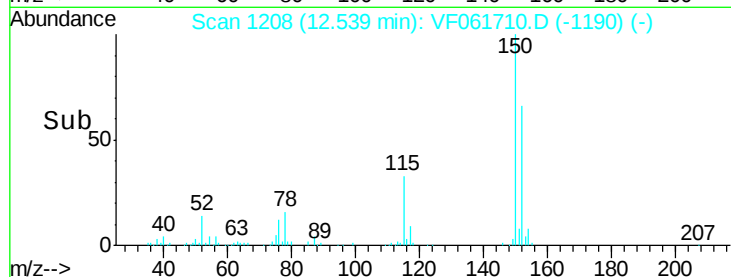
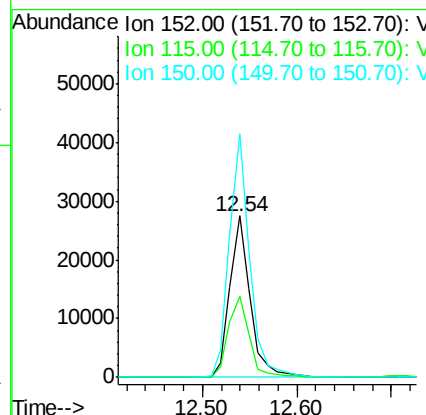
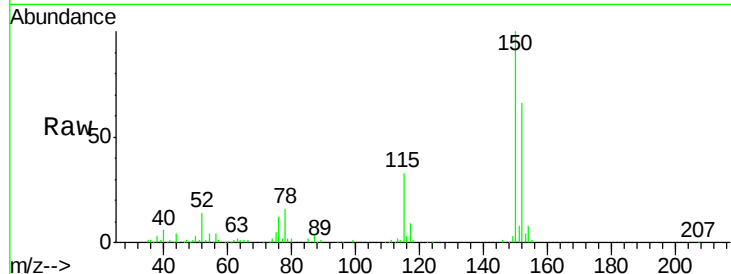


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061710.D
Acq: 22 Feb 2019 16:01

Instrument :
MSVOA_F
ClientSampled :
TP-CBF-B10

Tot Ion:152 Resp: 40956
Ion Ratio Lower Upper
152 100
115 50.2 24.3 72.8
150 151.0 0.0 312.0



#95

Naphthalene
Concen: 3.186 ug/l
RT: 14.44 min Scan# 1401
Delta R.T. -0.02 min
Lab File: VF061710.D
Acq: 22 Feb 2019 16:01

Tgt Ion:128 Resp: 5337
Ion Ratio Lower Upper
128 100
127 12.6 9.8 14.6
129 13.3 9.4 14.2

