

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041819\
 Data File : VF062208.D
 Acq On : 18 Apr 2019 16:42
 Operator : FY/SY
 Sample : K2407-02
 Misc : 5.98g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-11-S2

Quant Time: Apr 19 02:23:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 07:43:02 2019
 Response via : Initial Calibration

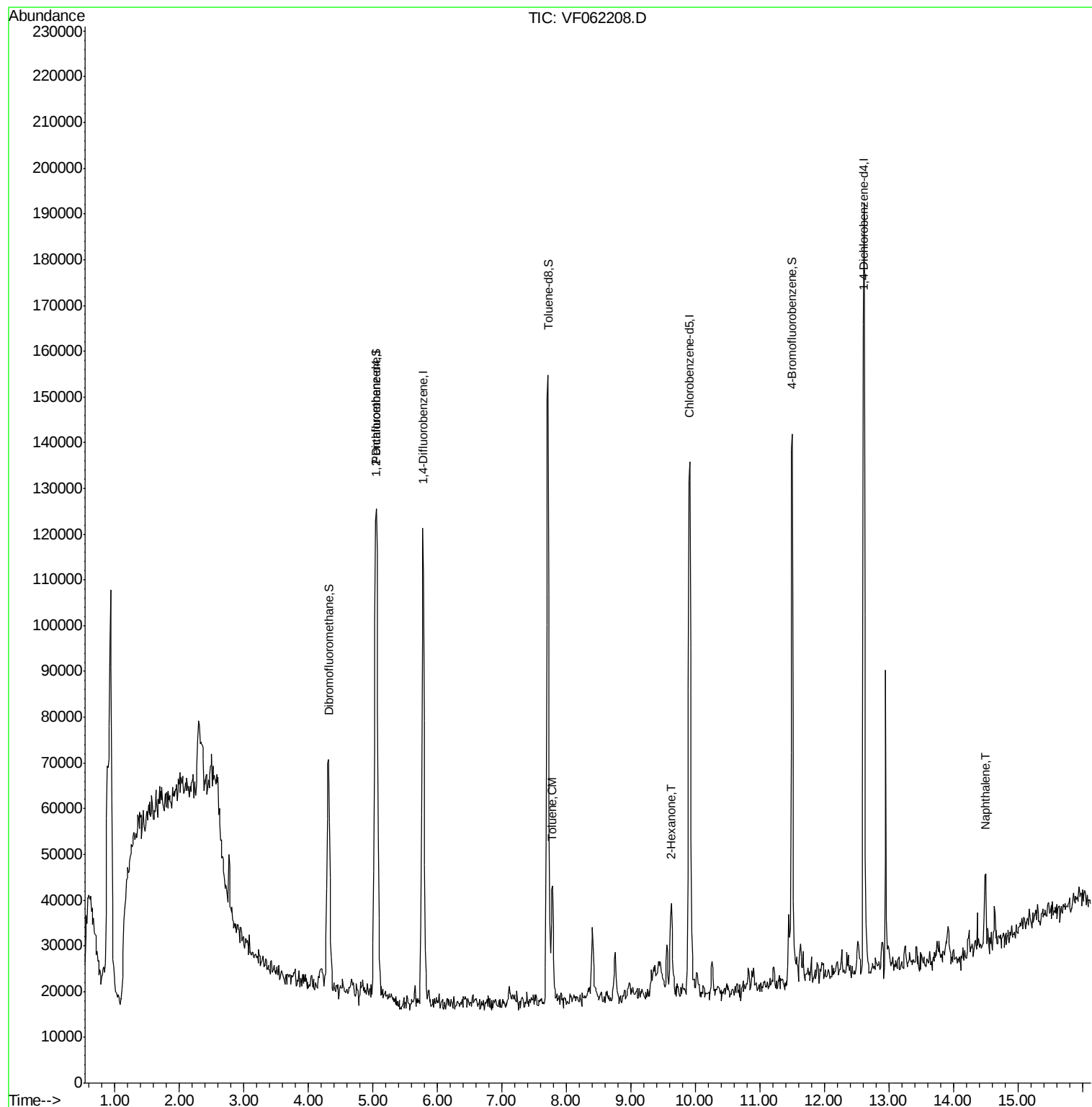
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	100146	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.77	114	121703	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	94234	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	47365	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	33539	36.52	ug/l	0.02
Spiked Amount 50.000			Recovery	=	73.04%	
35) Dibromofluoromethane	4.30	113	48566	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
50) Toluene-d8	7.72	98	126344	46.88	ug/l	0.02
Spiked Amount 50.000			Recovery	=	93.76%	
62) 4-Bromofluorobenzene	11.50	95	49053	47.32	ug/l	0.02
Spiked Amount 50.000			Recovery	=	94.64%	
Target Compounds						
52) Toluene	7.78	92	13076	6.481	ug/l	98
59) 2-Hexanone	9.63	43	18968	56.577	ug/l	89
95) Naphthalene	14.50	128	13319	5.829	ug/l	99

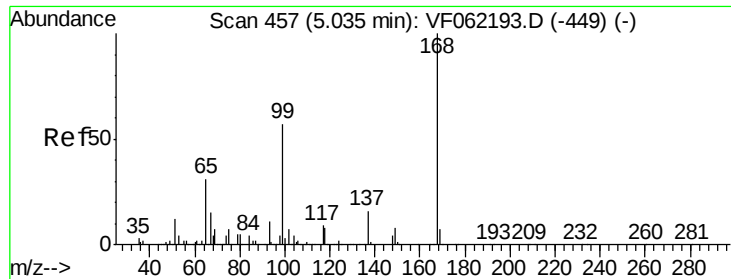
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 18 07:43:02 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.02 min

Lab File: VF062208.D

Acq: 18 Apr 2019 16:42

Instrument :

MSVOA_F

ClientSampleId :

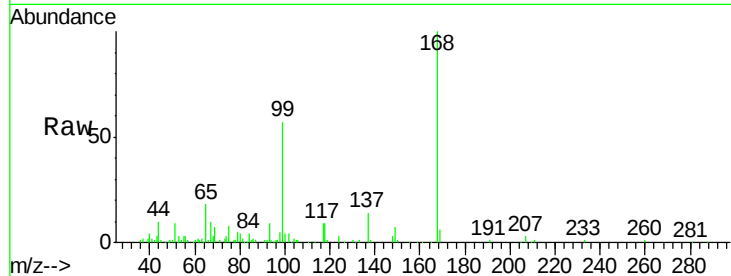
TP-11-S2

Tot Ion:168 Resp: 100146

Ion Ratio Lower Upper

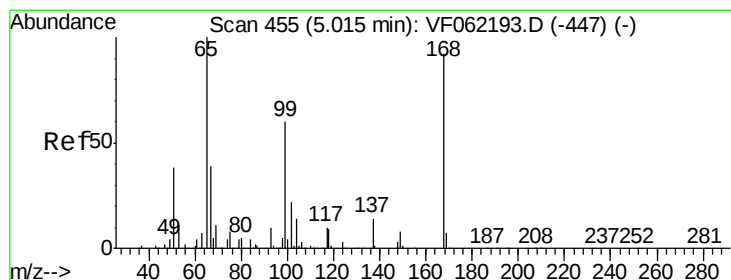
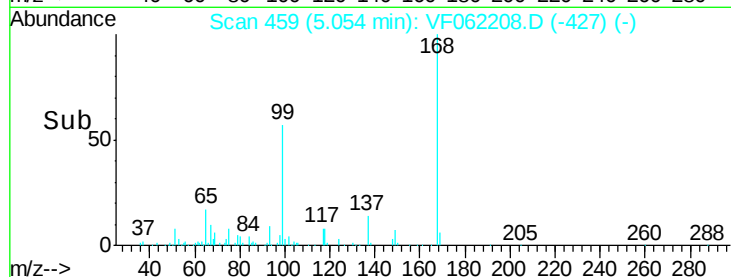
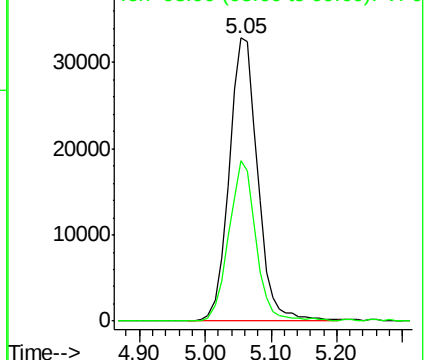
168 100

99 56.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 36.524 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062208.D

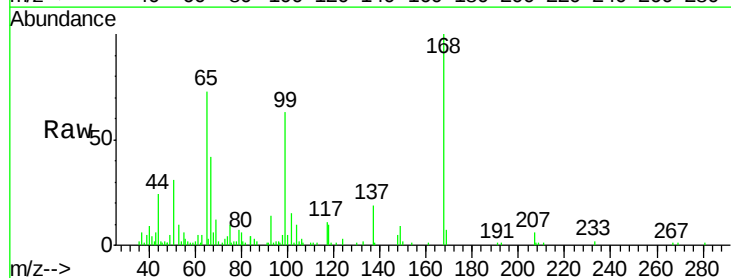
Acq: 18 Apr 2019 16:42

Tgt Ion: 65 Resp: 33539

Ion Ratio Lower Upper

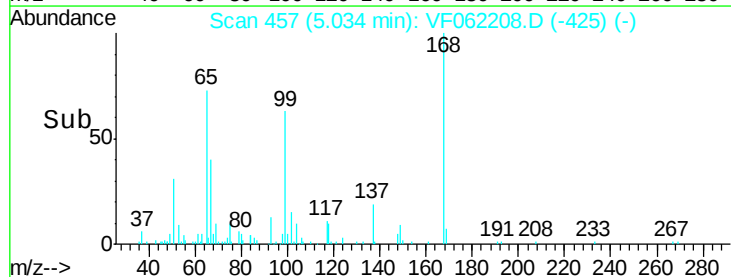
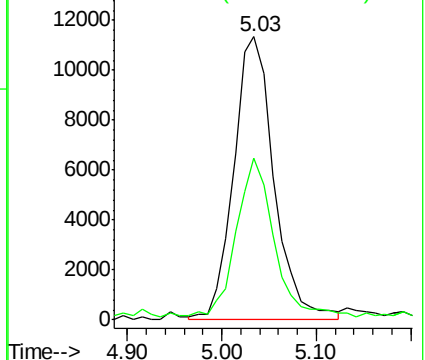
65 100

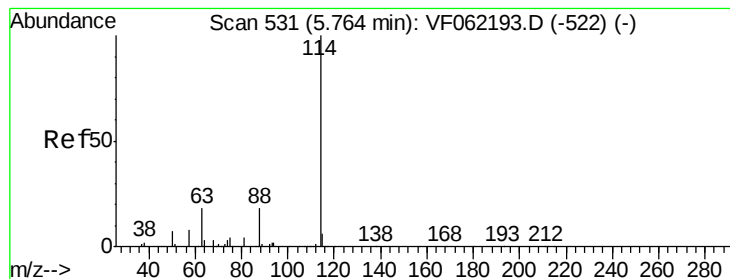
67 52.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 532

Delta R.T. 0.01 min

Lab File: VF062208.D

Acq: 18 Apr 2019 16:42

Instrument :

MSVOA_F

ClientSampleId :

TP-11-S2

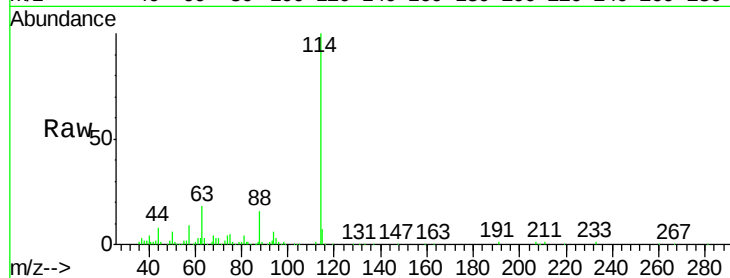
Tot Ion:114 Resp: 121703

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.6

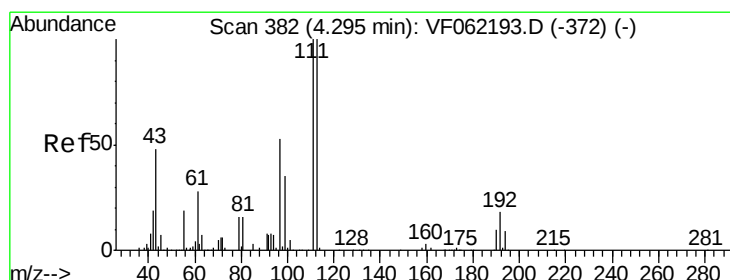
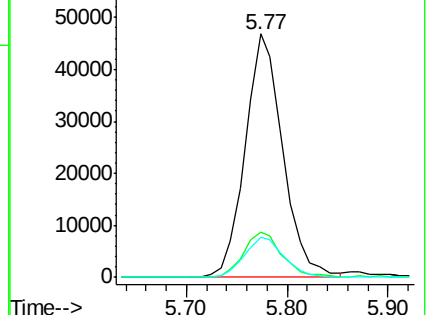
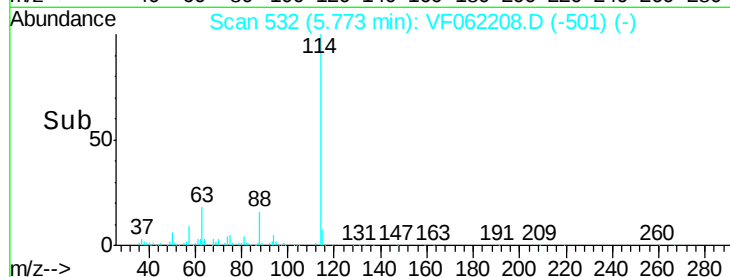
88 16.4 0.0 35.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 45.620 ug/l

RT: 4.30 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF062208.D

Acq: 18 Apr 2019 16:42

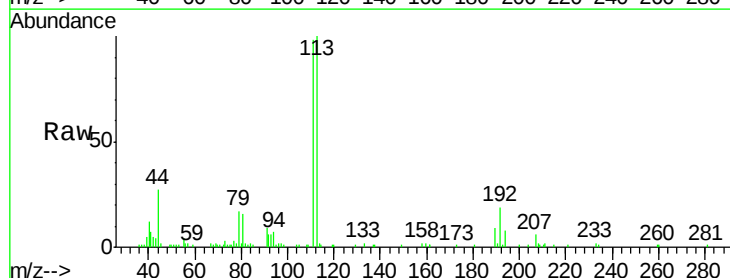
Tgt Ion:113 Resp: 48566

Ion Ratio Lower Upper

113 100

111 99.2 81.1 121.7

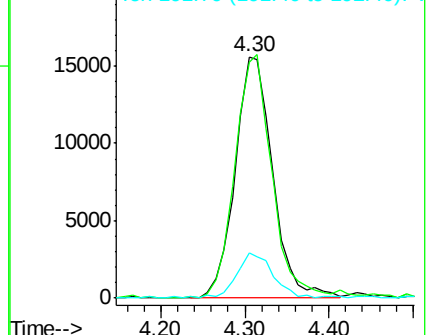
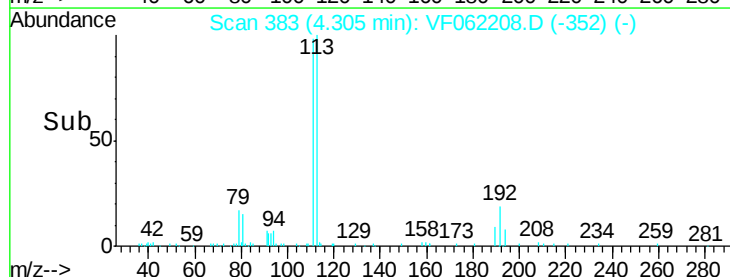
192 18.3 14.7 22.1

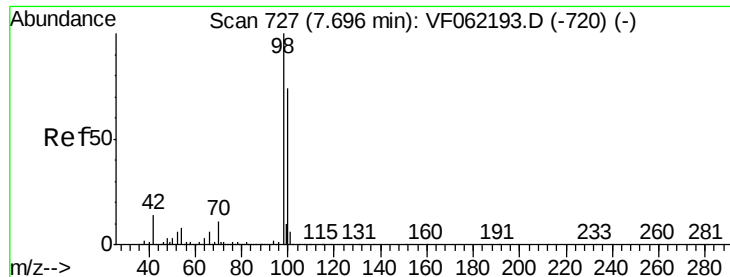


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.884 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.02 min

Lab File: VF062208.D

Acq: 18 Apr 2019 16:42

Instrument :

MSVOA_F

ClientSampleId :

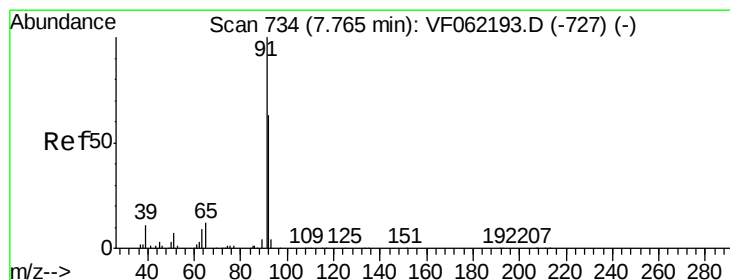
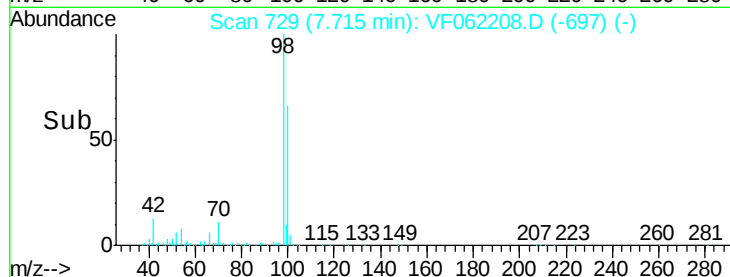
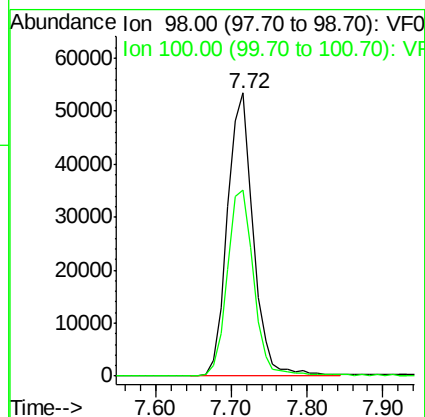
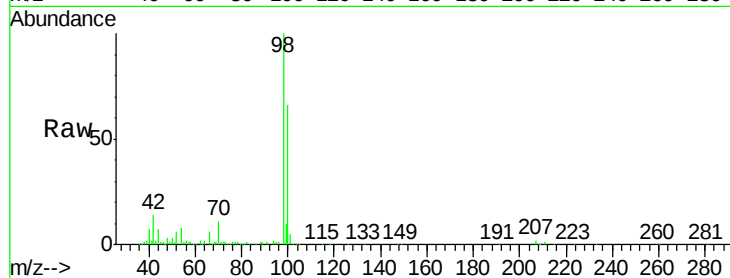
TP-11-S2

Tot Ion: 98 Resp: 126344

Ion Ratio Lower Upper

98 100

100 67.5 56.2 84.2



#52

Toluene

Concen: 6.481 ug/l

RT: 7.78 min Scan# 736

Delta R.T. 0.02 min

Lab File: VF062208.D

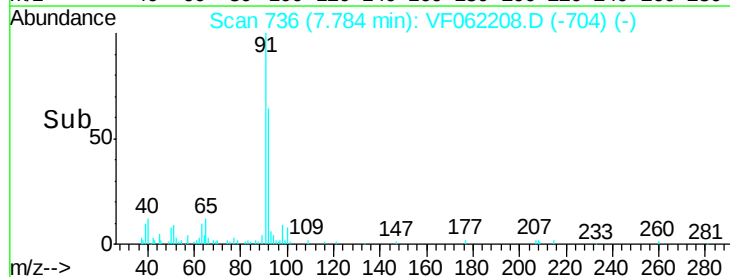
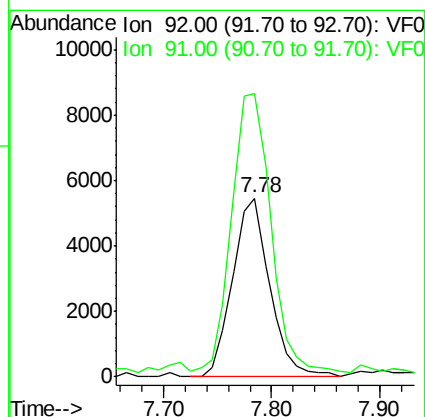
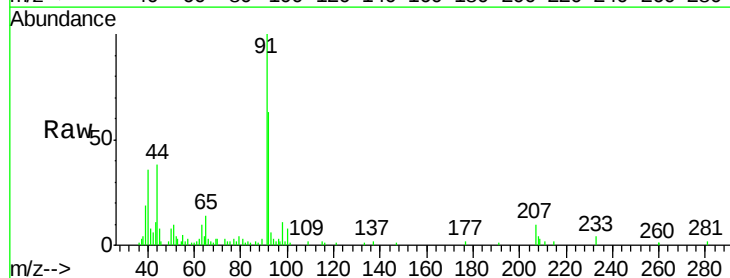
Acq: 18 Apr 2019 16:42

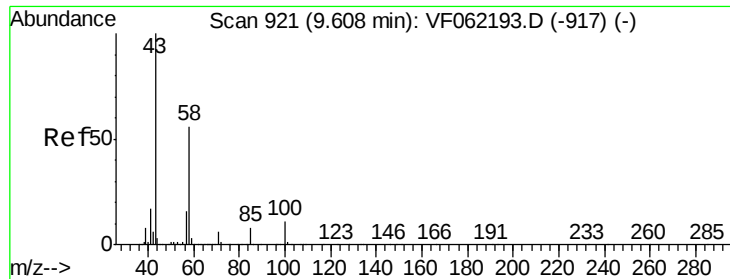
Tgt Ion: 92 Resp: 13076

Ion Ratio Lower Upper

92 100

91 165.2 130.1 195.1

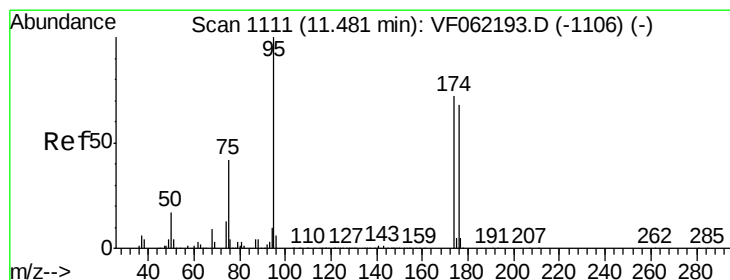
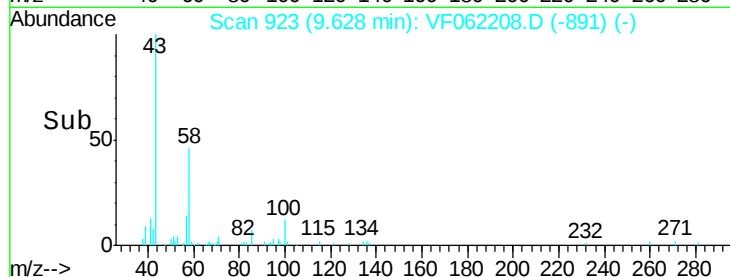
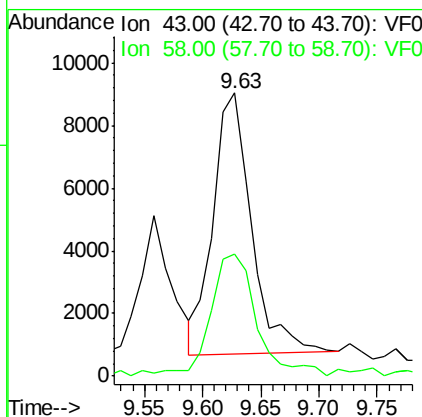
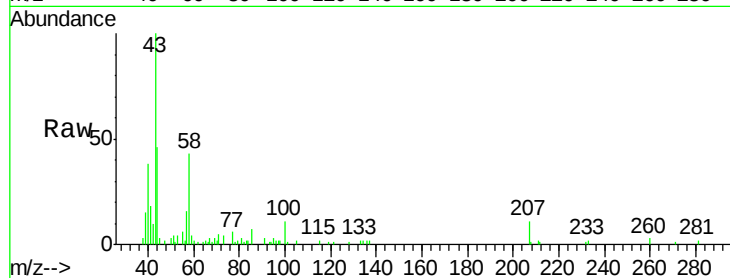




#59
2-Hexanone
Concen: 56.577 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.02 min
Lab File: VF062208.D
Acq: 18 Apr 2019 16:42

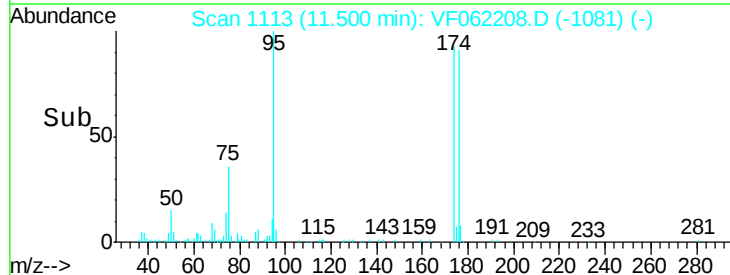
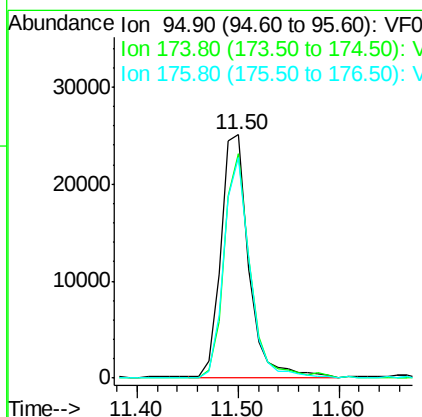
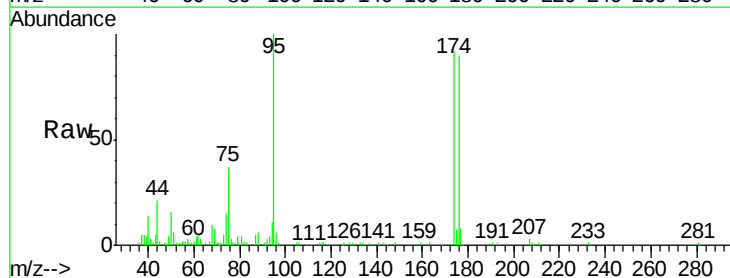
Instrument :
MSVOA_F
ClientSampleId :
TP-11-S2

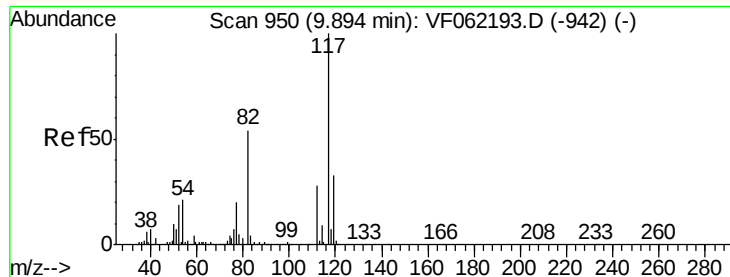
Tot Ion: 43 Resp: 18968
Ion Ratio Lower Upper
43 100
58 56.9 24.6 74.0



#62
4-Bromofluorobenzene
Concen: 47.317 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062208.D
Acq: 18 Apr 2019 16:42

Tgt Ion: 95 Resp: 49053
Ion Ratio Lower Upper
95 100
174 85.1 0.0 159.4
176 83.9 0.0 155.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.02 min

Lab File: VF062208.D

Acq: 18 Apr 2019 16:42

Instrument :

MSVOA_F

ClientSampled :

TP-11-S2

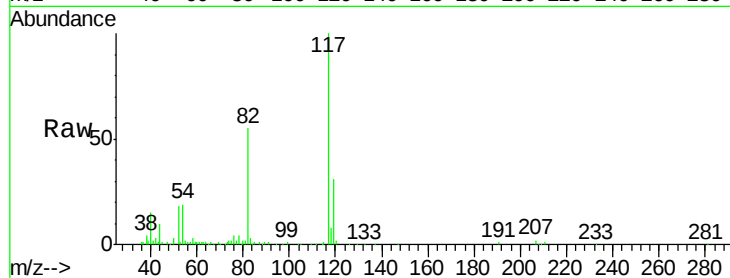
Tot Ion:117 Resp: 94234

Ion Ratio Lower Upper

117 100

82 54.5 43.2 64.8

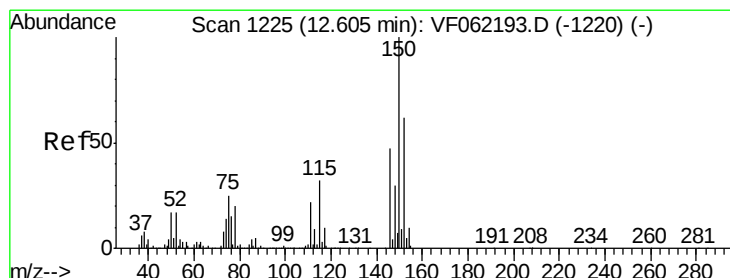
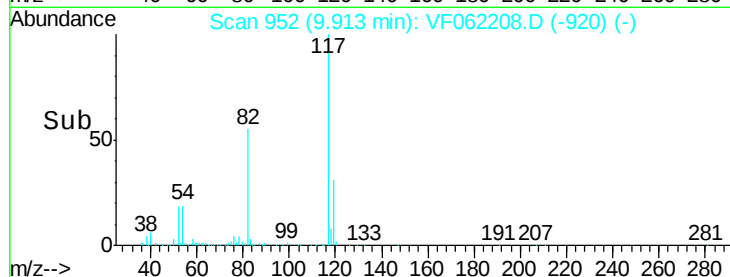
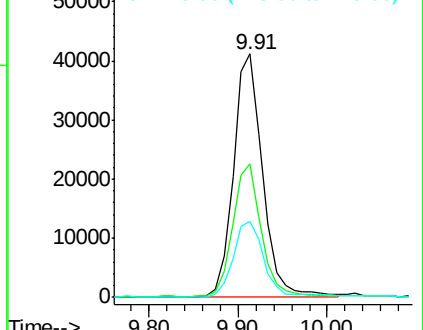
119 31.4 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062208.D

Acq: 18 Apr 2019 16:42

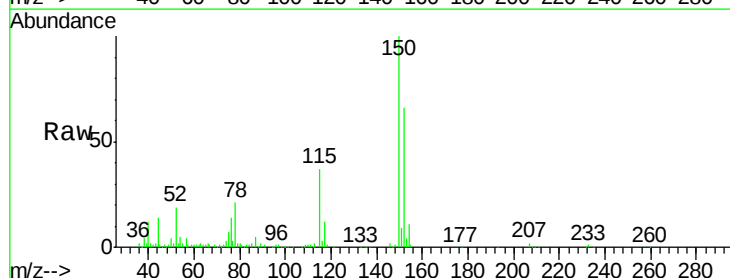
Tgt Ion:152 Resp: 47365

Ion Ratio Lower Upper

152 100

115 58.2 27.8 83.3

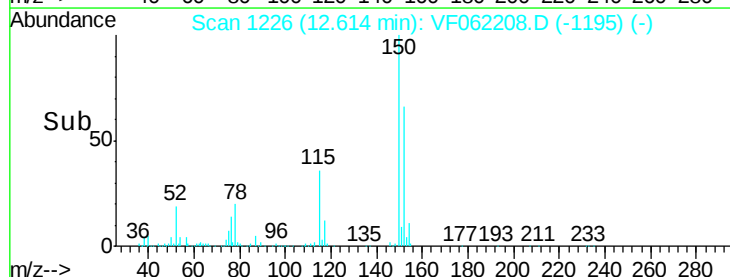
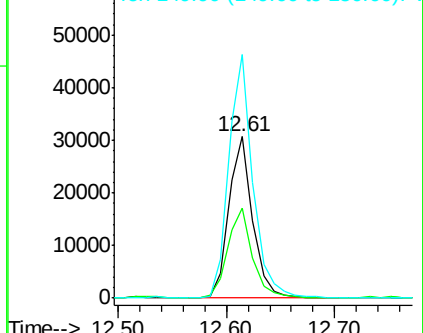
150 152.2 0.0 341.8

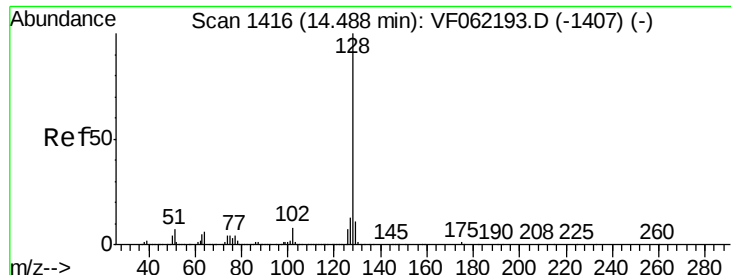


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 5.829 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VF062208.D

Acq: 18 Apr 2019 16:42

Instrument :

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ClientSampleId :

TP-11-S2

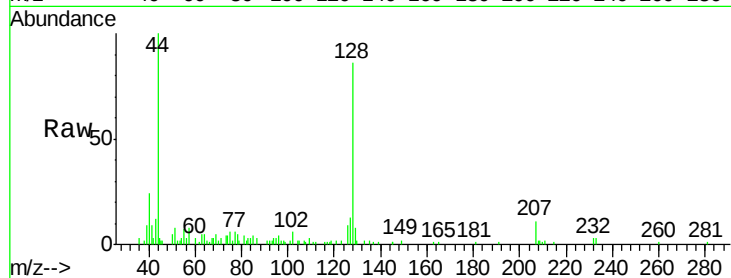
Tot Ion:128 Resp: 13319

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.8 9.2 13.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

