

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060519\
 Data File : VF062870.D
 Acq On : 5 Jun 2019 17:30
 Operator : FY/SY
 Sample : K3186-02RE
 Misc : 3.30g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-EF-01-011-ABCDRE

Quant Time: Jun 06 08:25:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

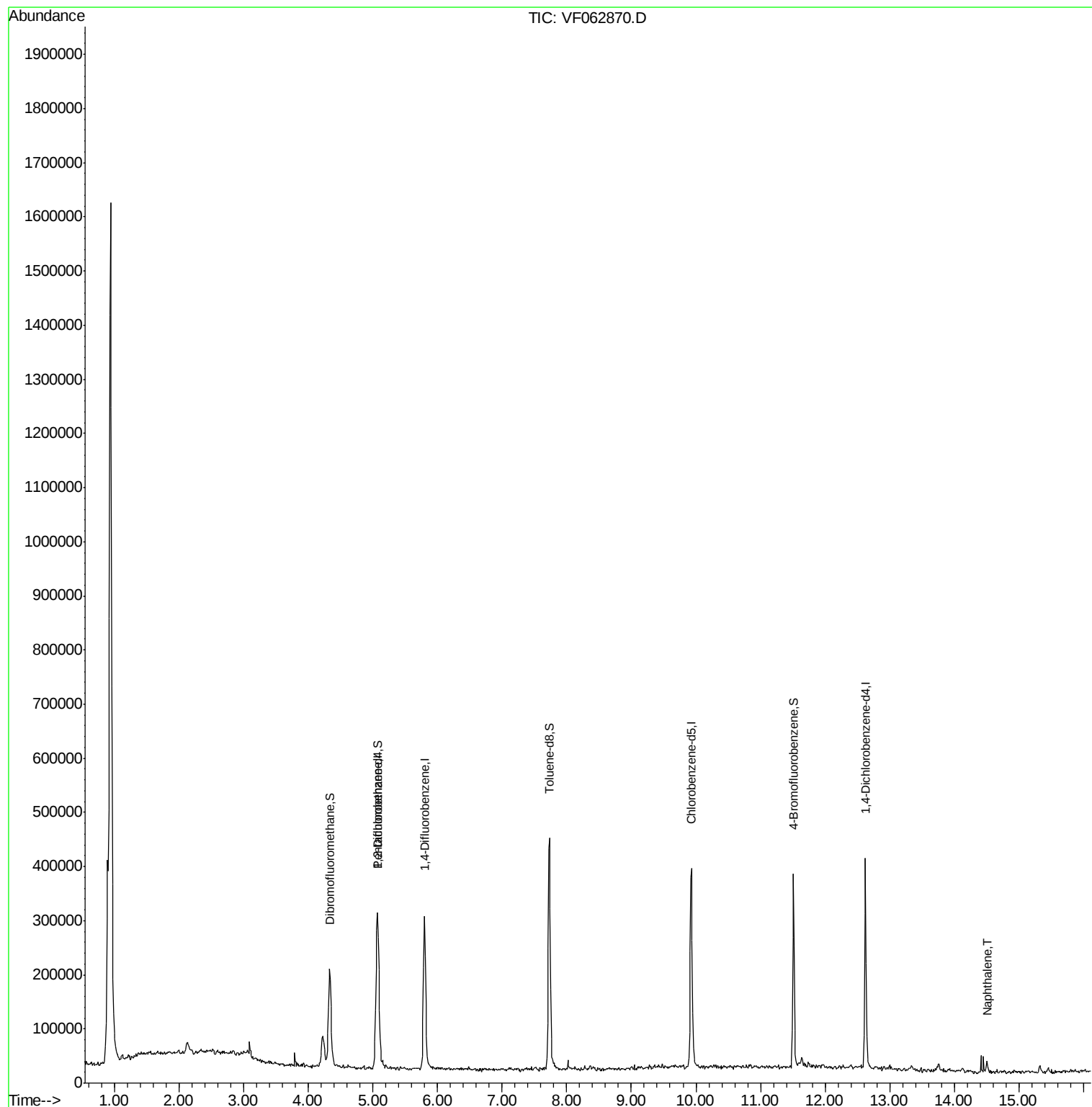
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	225955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	363642	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	296451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	99671	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	91920	58.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.66%	
35) Dibromofluoromethane	4.33	113	183508	66.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.56%	
50) Toluene-d8	7.73	98	397027	57.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.28%	
62) 4-Bromofluorobenzene	11.51	95	122737	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
Target Compounds						
95) Naphthalene	14.51	128	14617	4.797	ug/l #	Qvalue 93

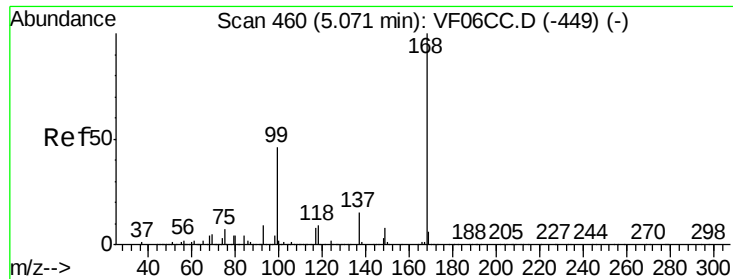
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.01 min

Lab File: VF062870.D

Acq: 5 Jun 2019 17:30

Instrument :

MSVOA_F

ClientSampleId :

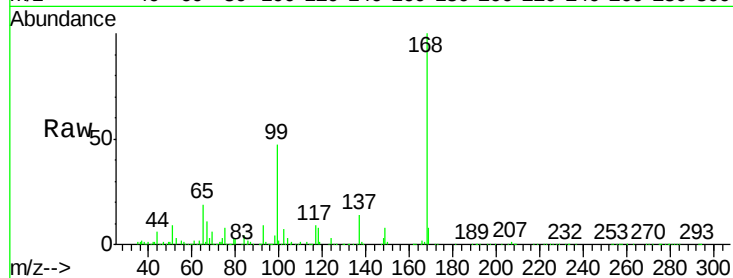
FK-EF-01-011-ABCDRE

Tot Ion:168 Resp: 225955

Ion Ratio Lower Upper

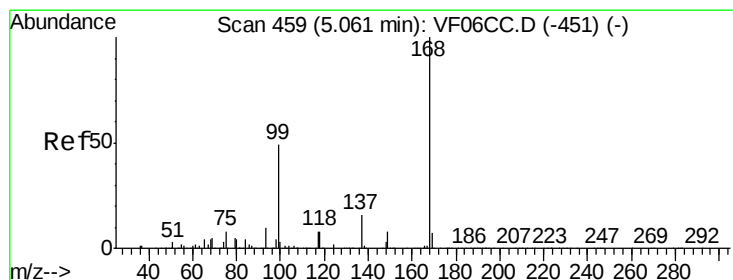
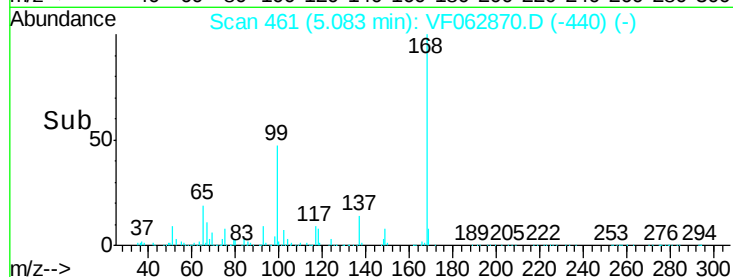
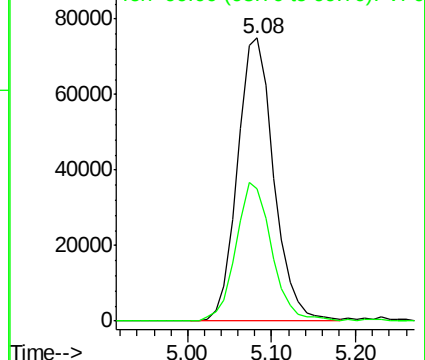
168 100

99 46.7 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 58.829 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF062870.D

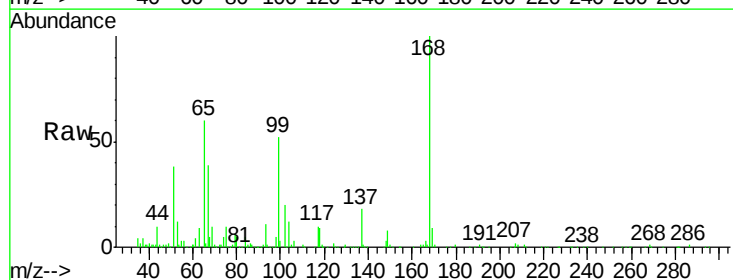
Acq: 5 Jun 2019 17:30

Tgt Ion: 65 Resp: 91920

Ion Ratio Lower Upper

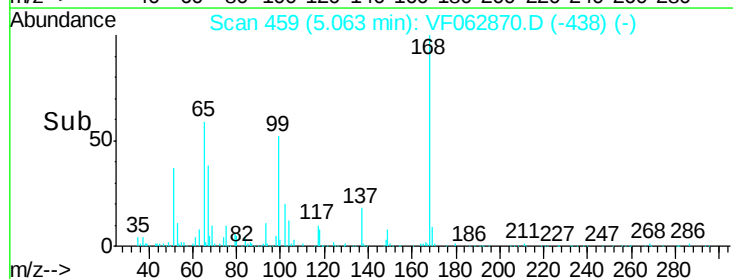
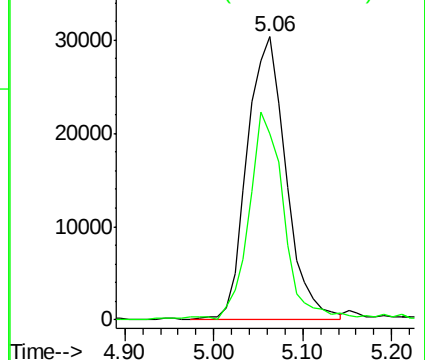
65 100

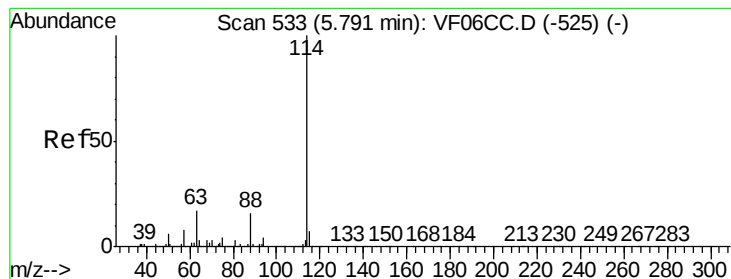
67 65.6 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. -0.00 min

Lab File: VF062870.D

Acq: 5 Jun 2019 17:30

Instrument :

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ClientSampleId :

FK-EF-01-011-ABCDRE

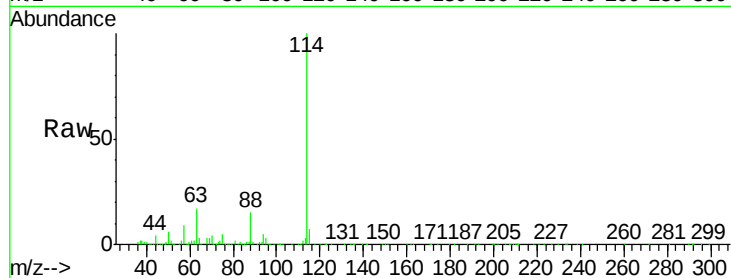
Tot Ion:114 Resp: 363642

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.2

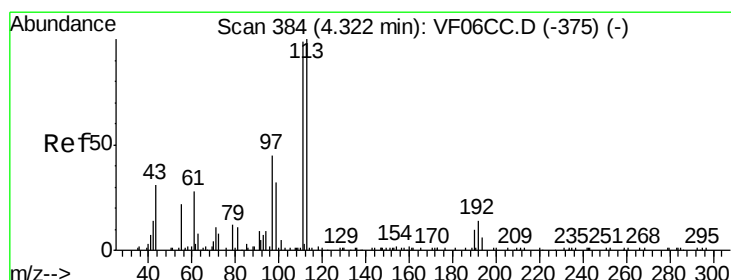
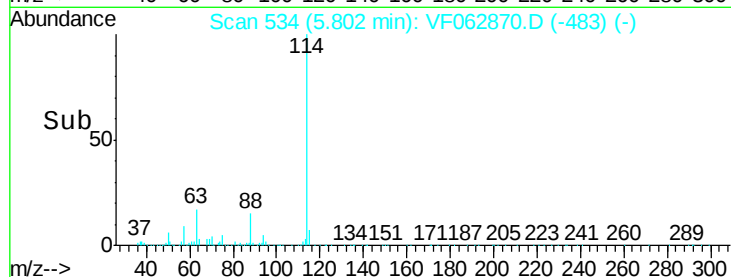
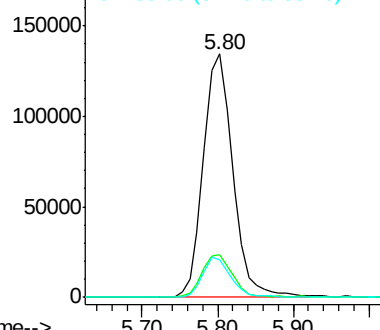
88 15.3 0.0 31.2



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: 66.782 ug/l

RT: 4.33 min Scan# 385

Delta R.T. -0.00 min

Lab File: VF062870.D

Acq: 5 Jun 2019 17:30

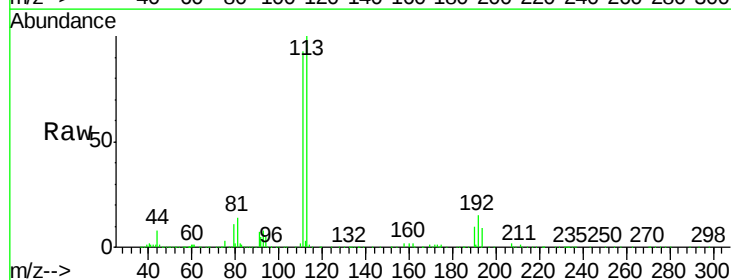
Tgt Ion:113 Resp: 183508

Ion Ratio Lower Upper

113 100

111 92.5 81.9 122.9

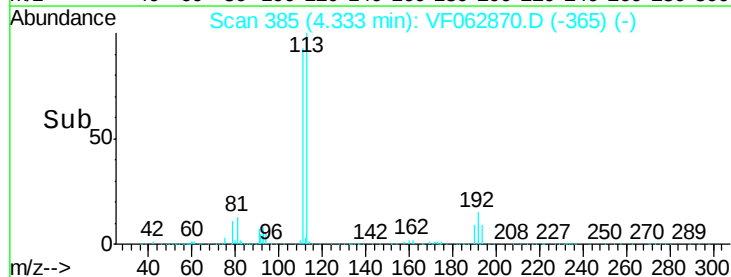
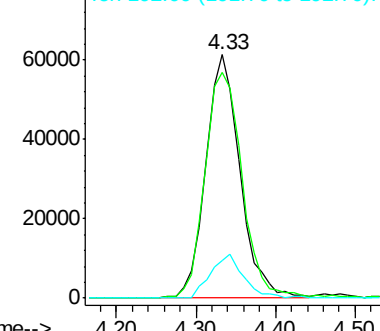
192 15.3 15.1 22.7

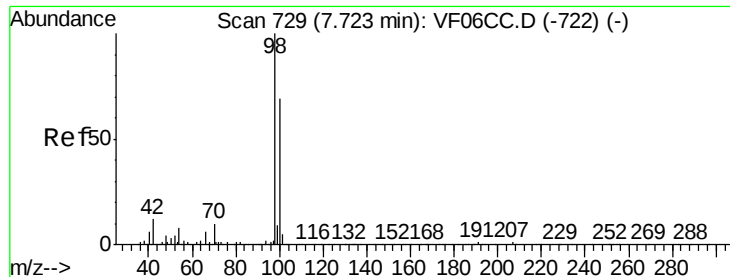


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

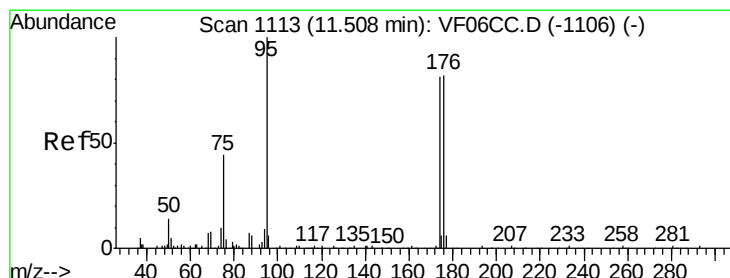
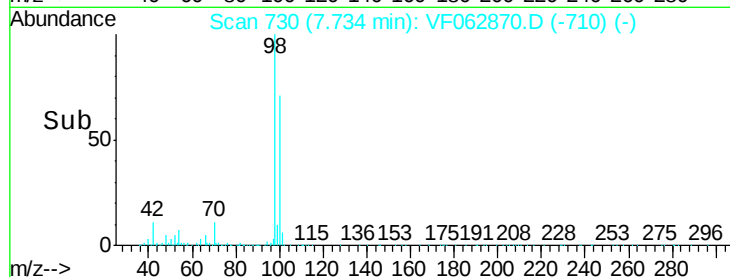
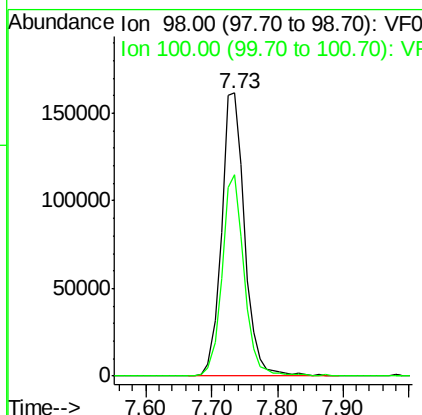
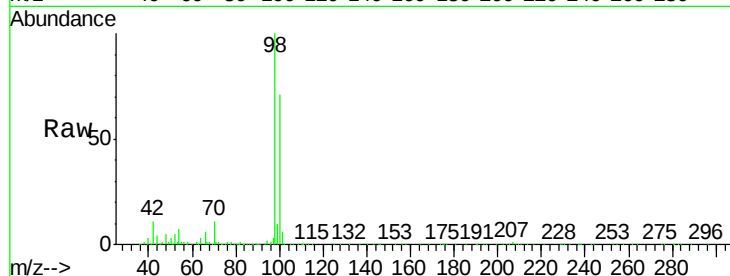




#50
Toluene-d8
Concen: 57.137 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.00 min
Lab File: VF062870.D
Acq: 5 Jun 2019 17:30

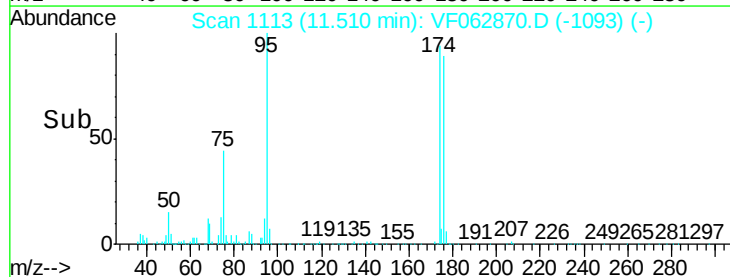
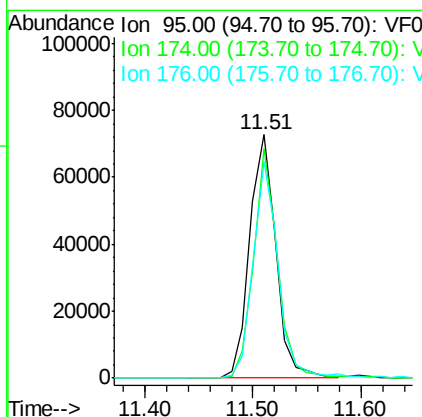
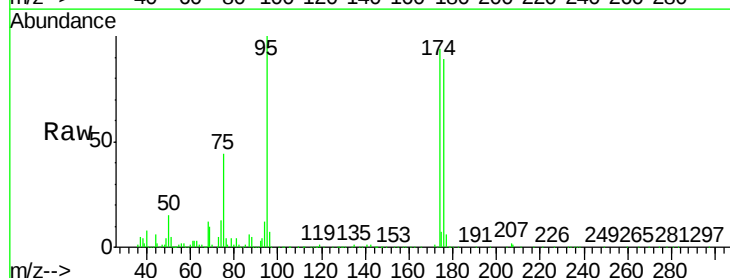
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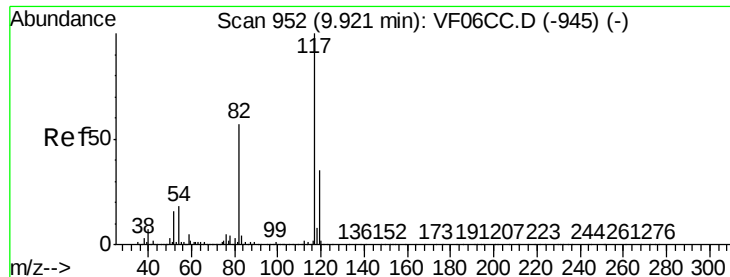
Tot Ion: 98 Resp: 397027
Ion Ratio Lower Upper
98 100
100 71.2 59.8 89.8



#62
4-Bromofluorobenzene
Concen: 49.104 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF062870.D
Acq: 5 Jun 2019 17:30

Tgt Ion: 95 Resp: 122737
Ion Ratio Lower Upper
95 100
174 94.4 0.0 170.6
176 88.8 0.0 170.6

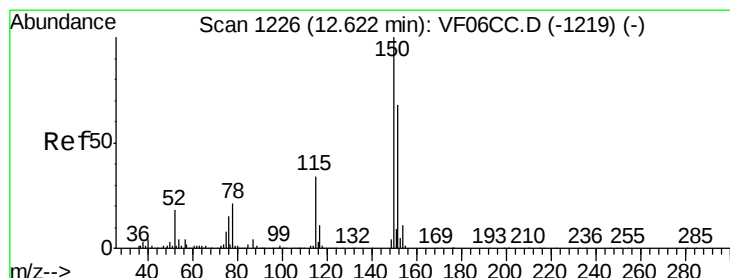
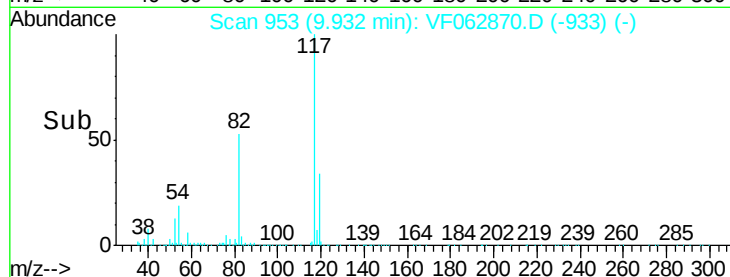
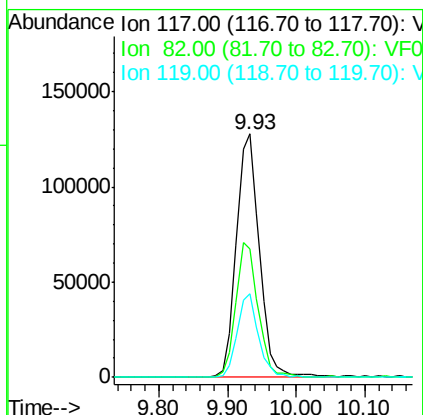
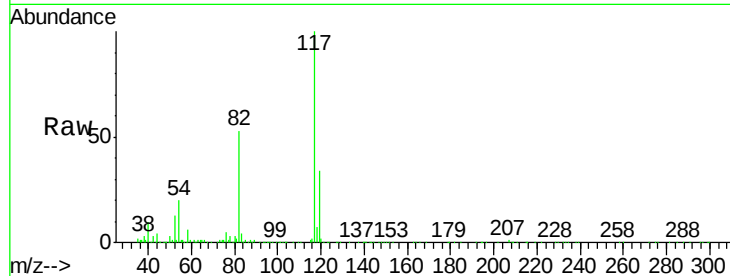




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.00 min
Lab File: VF062870.D
Acq: 5 Jun 2019 17:30

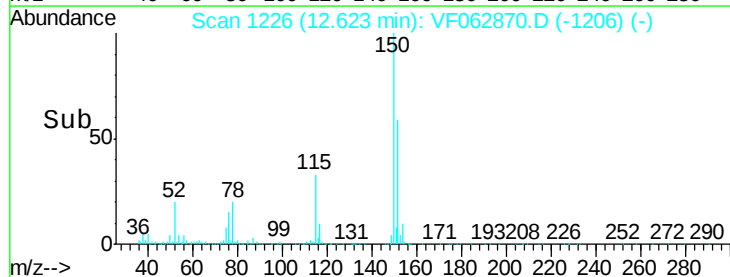
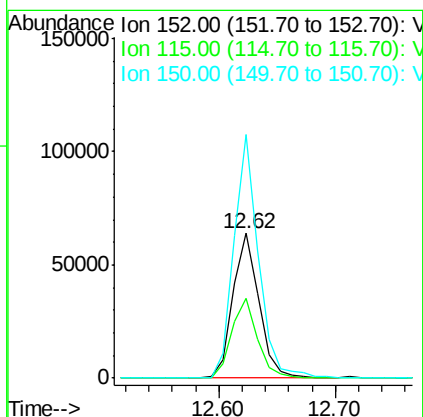
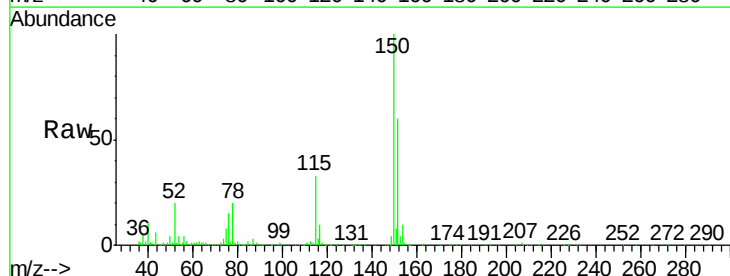
Instrument :
MSVOA_F
ClientSampleId :
FK-EF-01-011-ABCDRE

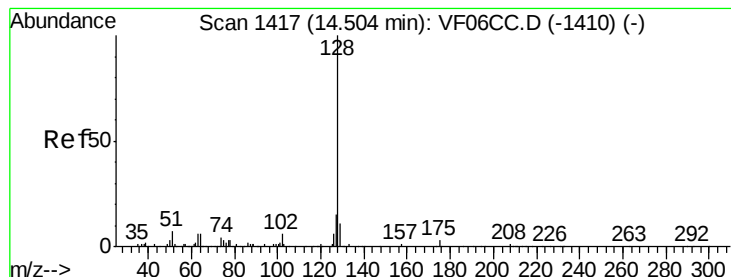
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.4	63.6
119	34.2	27.1	40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.00 min
Lab File: VF062870.D
Acq: 5 Jun 2019 17:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	24.6	74.0
150	168.0	0.0	290.6





#95

Naphthalene

Concen: 4.797 ug/l

RT: 14.51 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VF062870.D

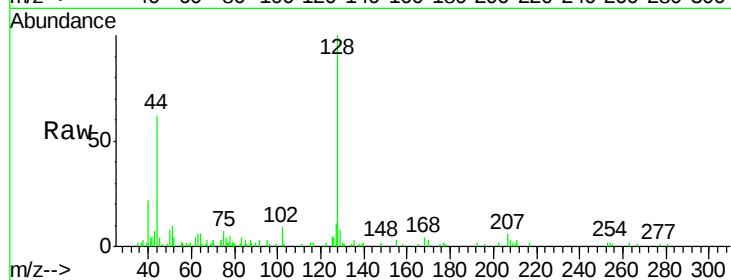
Acq: 5 Jun 2019 17:30

Instrument :

MSVOA_F

ClientSampleId :

FK-EF-01-011-ABCDRE



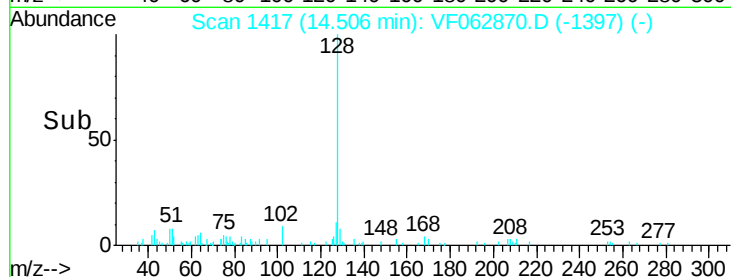
Tot Ion:128 Resp: 14617

Ion Ratio Lower Upper

128 100

127 10.9 9.7 14.5

129 7.8 9.4 14.2



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

