

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
 Data File : VF062847.D
 Acq On : 4 Jun 2019 19:05
 Operator : FY/SY
 Sample : K3175-02
 Misc : 5.61g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-BPM-03-007-ABCD

Quant Time: Jun 05 06:34:42 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

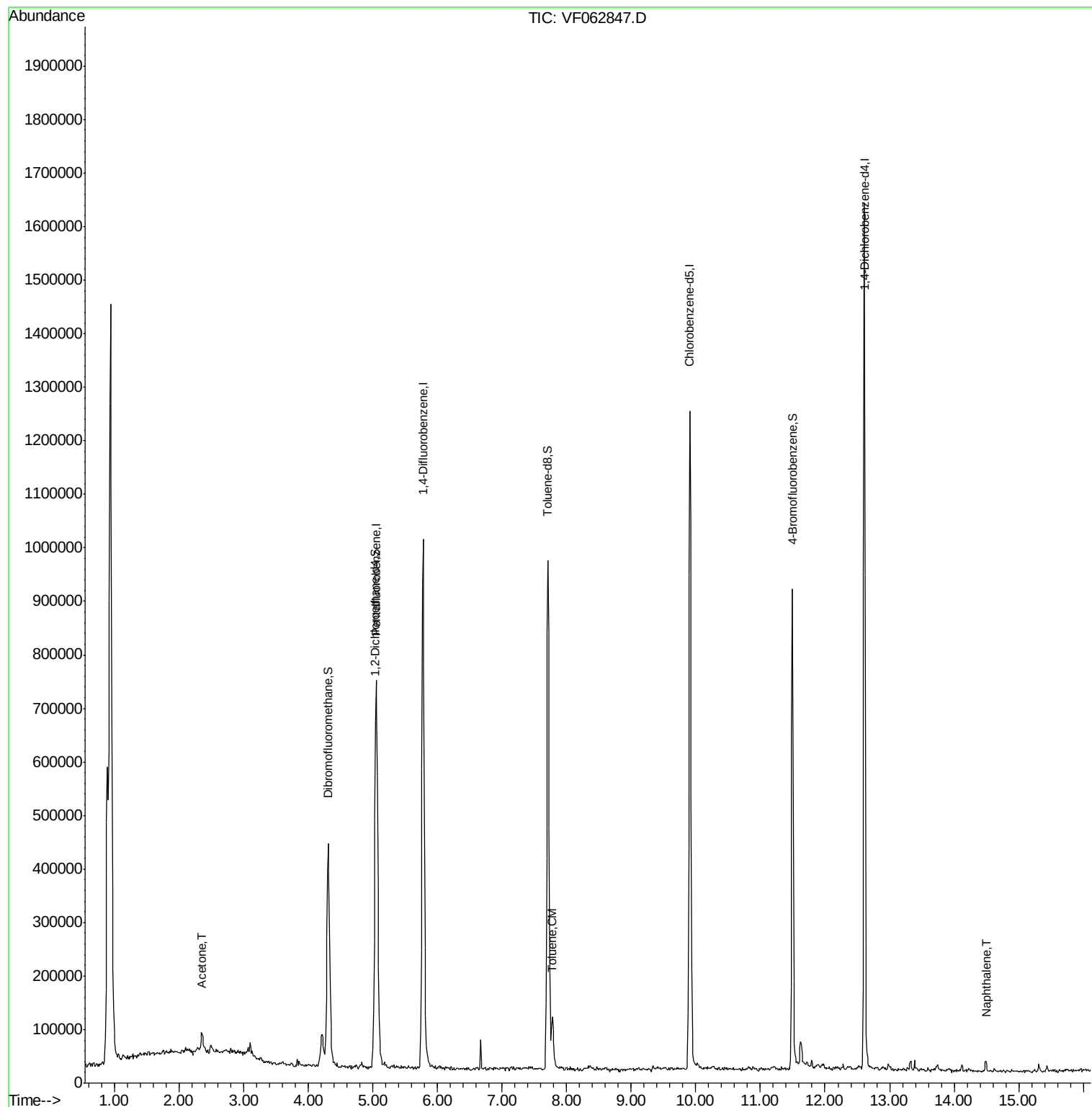
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	680338	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	1248592	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	948090	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	408930	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	213261	45.33	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	90.66%	
35) Dibromofluoromethane	4.31	113	412060	43.67	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.34%	
50) Toluene-d8	7.71	98	876667	36.74	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	73.48%	
62) 4-Bromofluorobenzene	11.50	95	313580	36.54	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	73.08%	
Target Compounds						
16) Acetone	2.35	43	61307	56.936	ug/l	93
52) Toluene	7.78	92	51529	2.860	ug/l	86
95) Naphthalene	14.49	128	14453	1.156	ug/l #	93

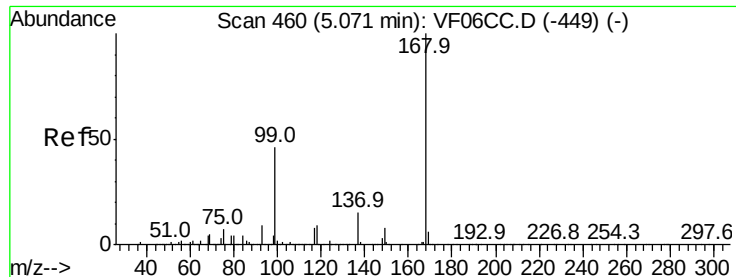
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062847.D

Acq: 4 Jun 2019 19:05

Instrument :

MSVOA_F

ClientSampleId :

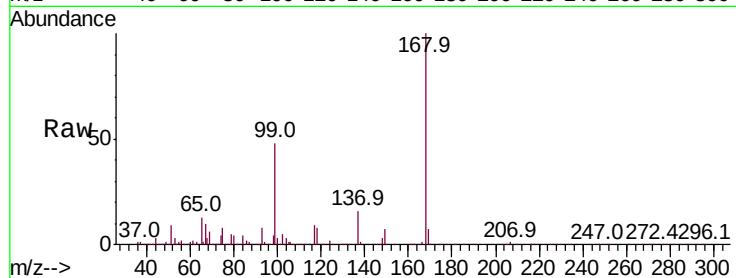
FK-BPM-03-007-ABCD

Tot Ion:168 Resp: 680338

Ion Ratio Lower Upper

168 100

99 48.2 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

200000

150000

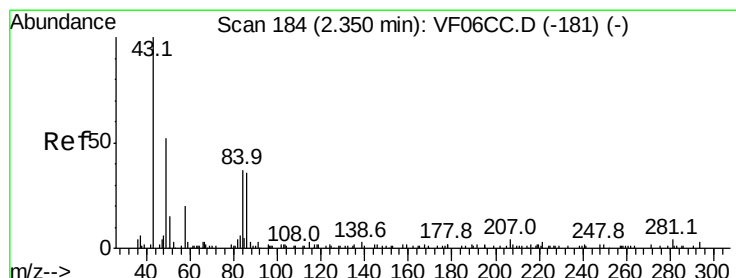
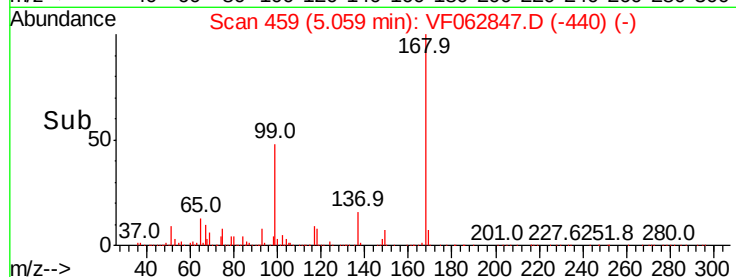
100000

50000

0

4.90 5.00 5.10 5.20 5.30

Time-->



#16

Acetone

Concen: 56.936 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.01 min

Lab File: VF062847.D

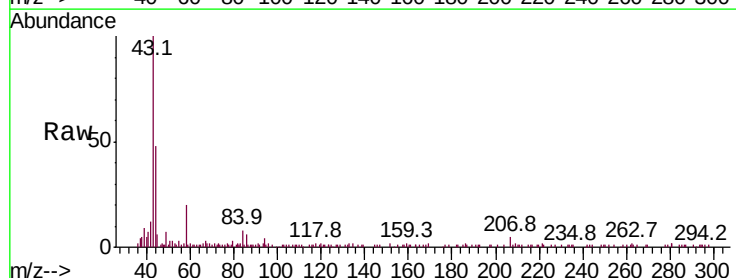
Acq: 4 Jun 2019 19:05

Tgt Ion: 43 Resp: 61307

Ion Ratio Lower Upper

43 100

58 20.1 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

25000

20000

15000

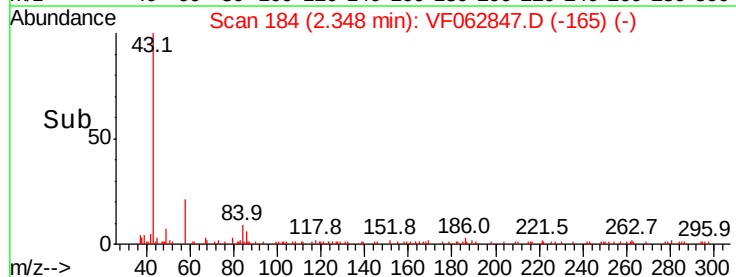
10000

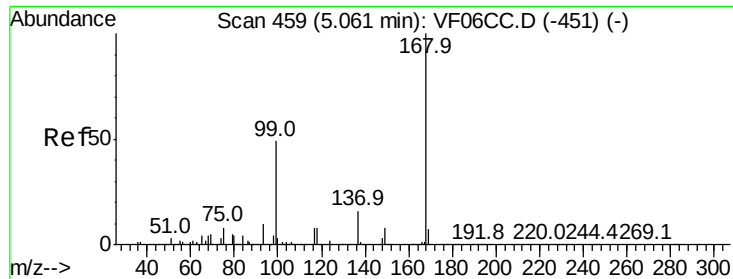
5000

0

2.30 2.40 2.50

Time-->

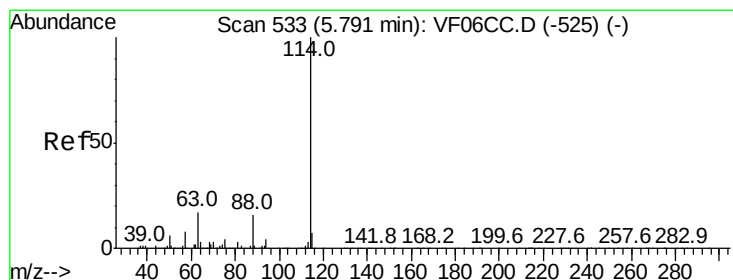
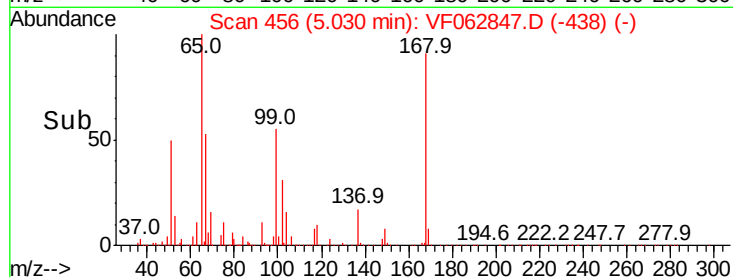
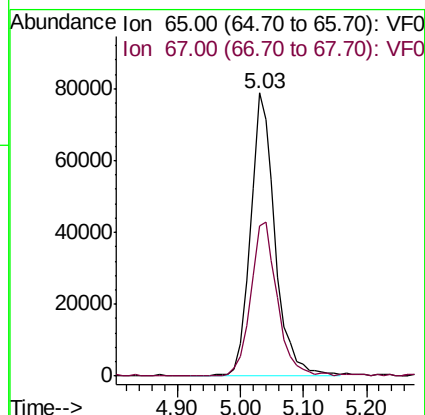
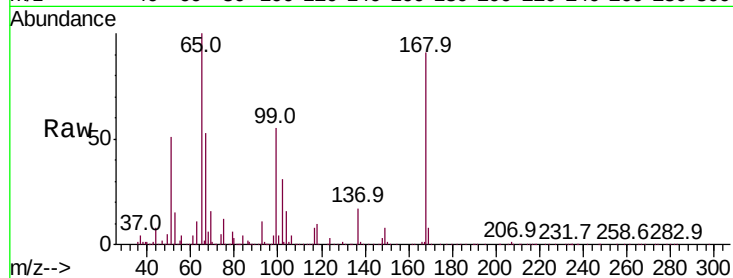




#33
 1,2-Dichloroethane-d4
 Concen: 45.330 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: VF062847.D
 Acq: 4 Jun 2019 19:05

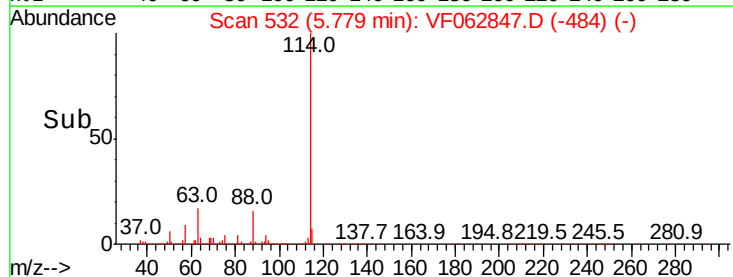
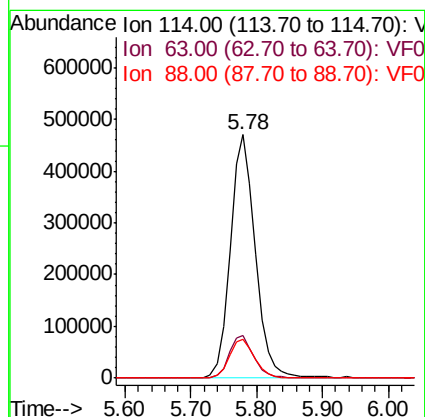
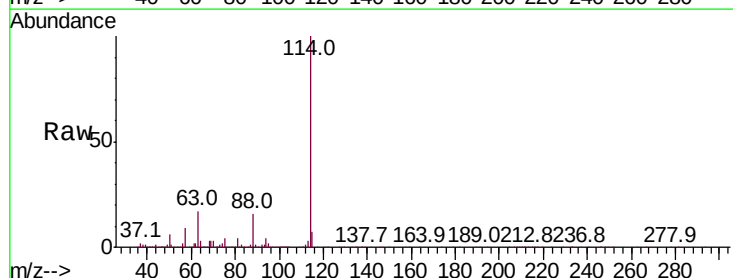
Instrument :
 MSVOA_F
 ClientSampleId :
 FK-BPM-03-007-ABCD

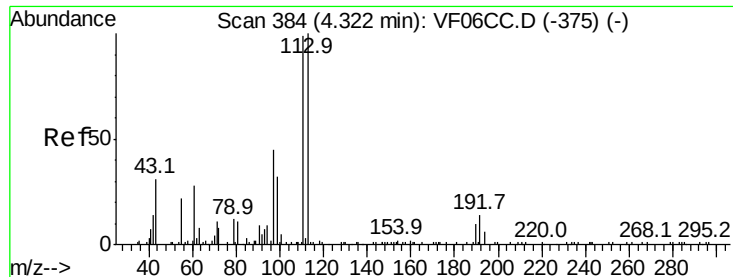
Tot Ion: 65 Resp: 213261
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: VF062847.D
 Acq: 4 Jun 2019 19:05

Tgt Ion: 114 Resp: 1248592
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.2
 88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 43.673 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.02 min

Lab File: VF062847.D

Acq: 4 Jun 2019 19:05

Instrument :

MSVOA_F

ClientSampleId :

FK-BPM-03-007-ABCD

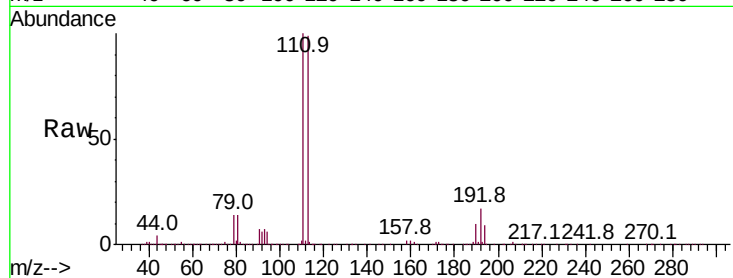
Tot Ion:113 Resp: 412060

Ion Ratio Lower Upper

113 100

111 100.5 81.9 122.9

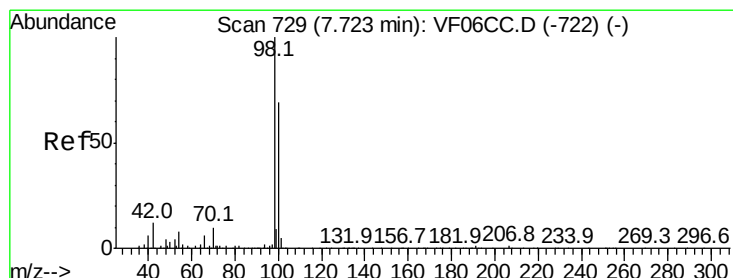
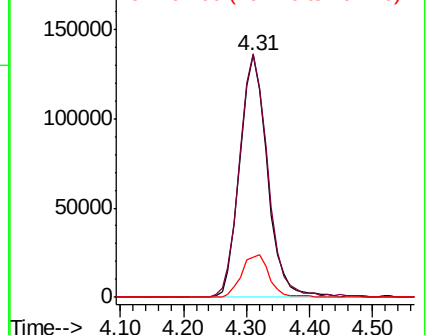
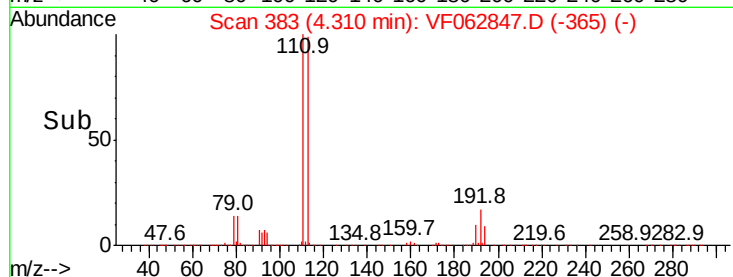
192 16.7 15.1 22.7



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: 36.744 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.02 min

Lab File: VF062847.D

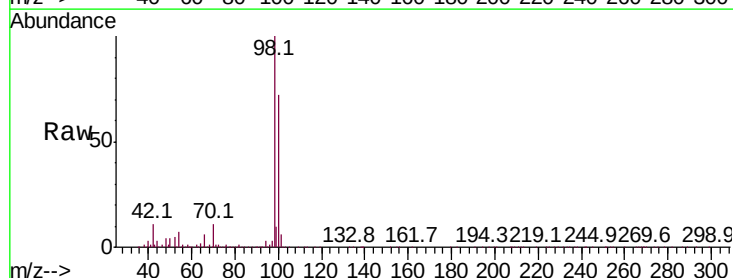
Acq: 4 Jun 2019 19:05

Tgt Ion: 98 Resp: 876667

Ion Ratio Lower Upper

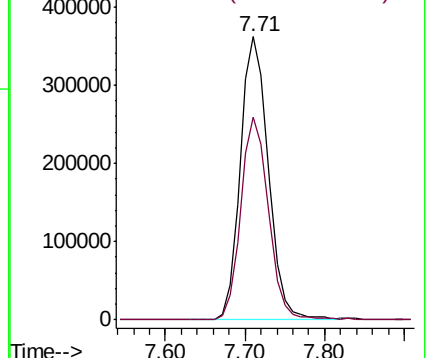
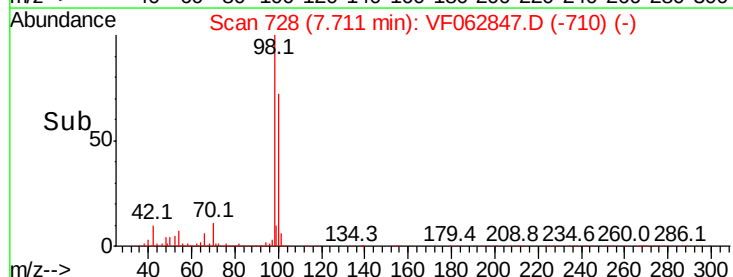
98 100

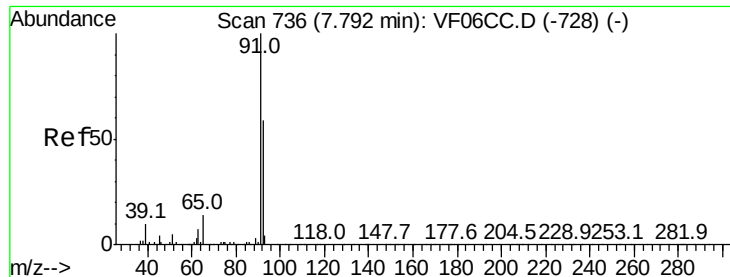
100 71.8 59.8 89.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#52

Toluene

Concen: 2.860 ug/l

RT: 7.78 min Scan# 735

Delta R.T. -0.02 min

Lab File: VF062847.D

Acq: 4 Jun 2019 19:05

Instrument :

MSVOA_F

ClientSampleId :

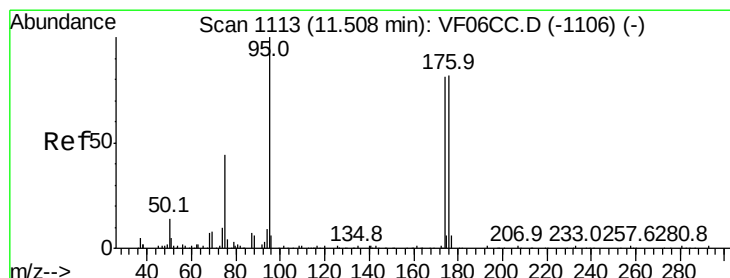
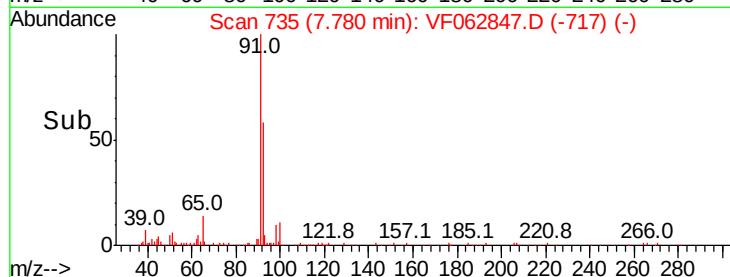
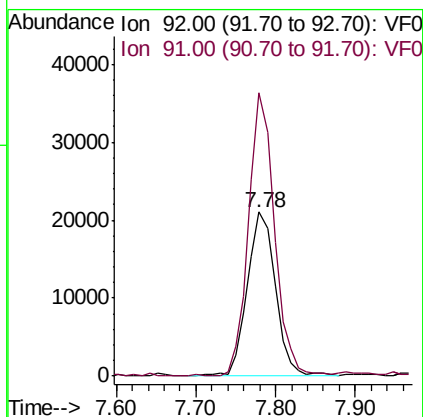
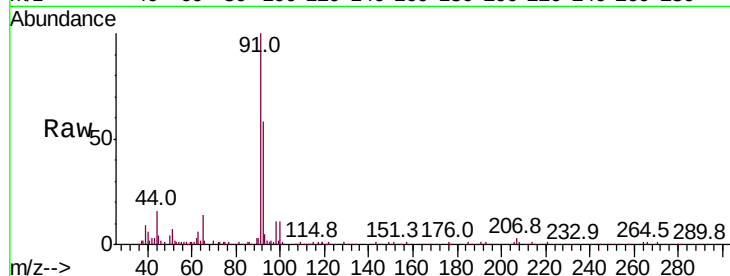
FK-BPM-03-007-ABCD

Tot Ion: 92 Resp: 51529

Ion Ratio Lower Upper

92 100

91 172.5 123.2 184.8



#62

4-Bromofluorobenzene

Concen: 36.538 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF062847.D

Acq: 4 Jun 2019 19:05

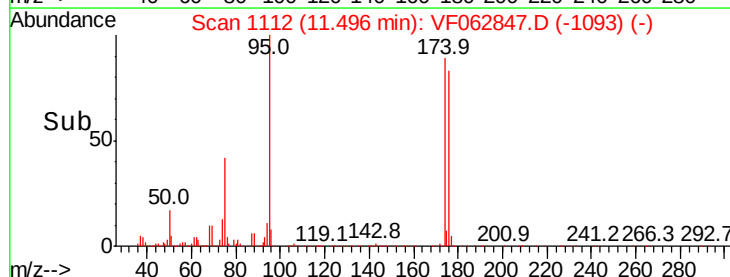
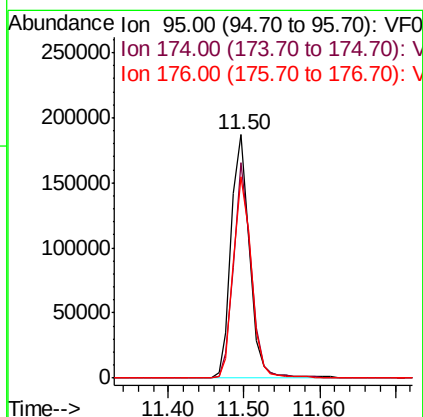
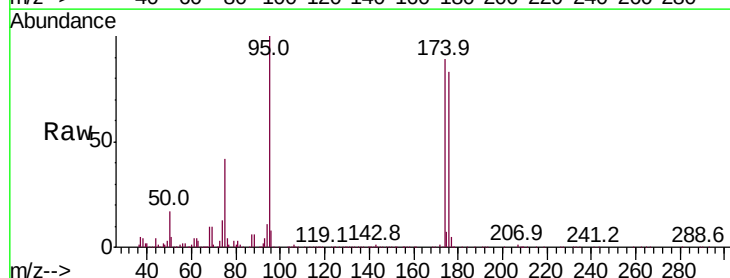
Tgt Ion: 95 Resp: 313580

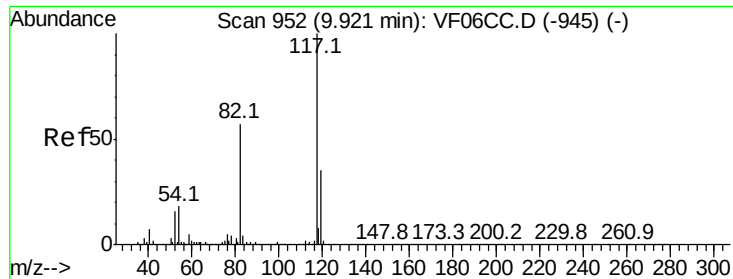
Ion Ratio Lower Upper

95 100

174 88.6 0.0 170.6

176 82.9 0.0 170.6

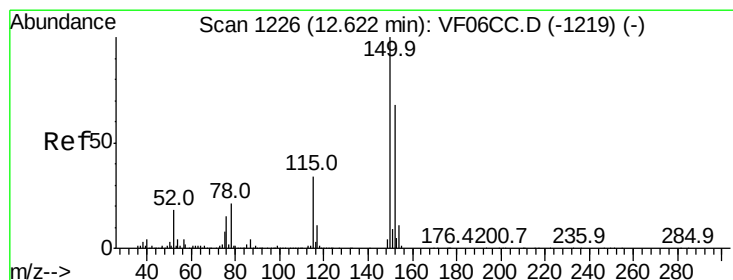
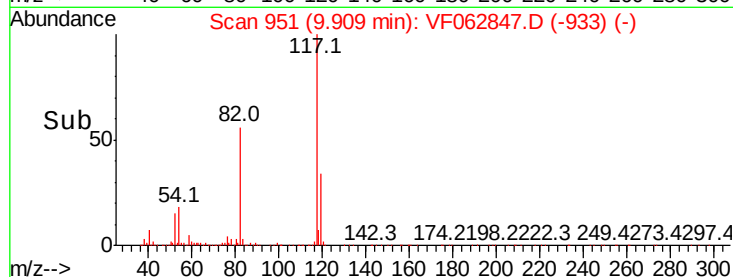
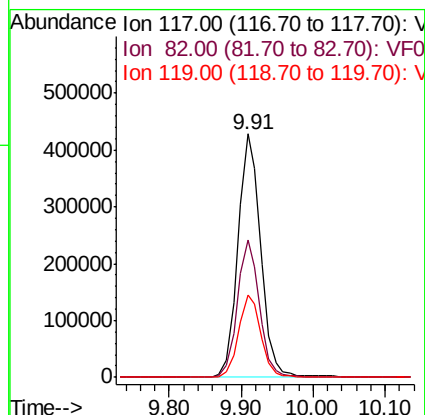
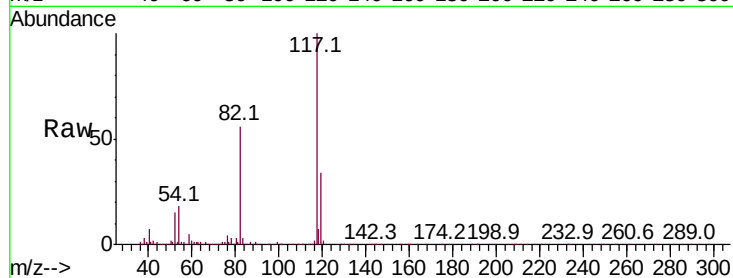




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF062847.D
Acq: 4 Jun 2019 19:05

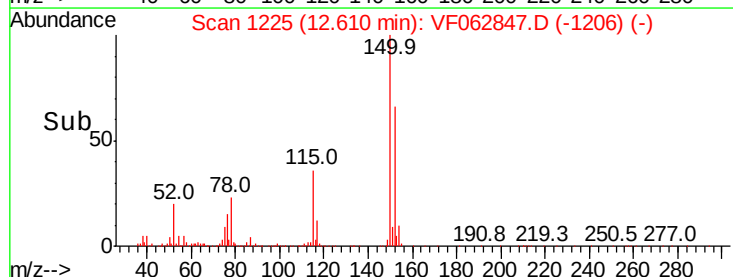
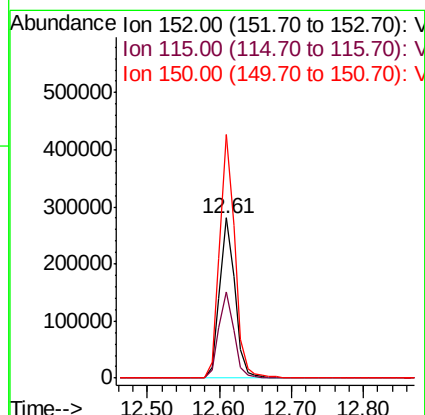
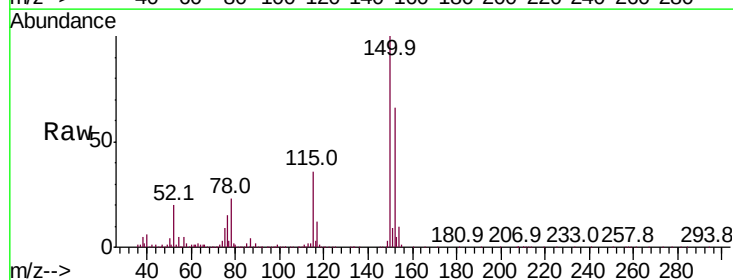
Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-03-007-ABCD

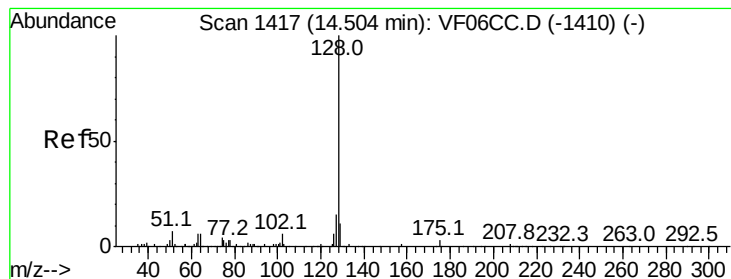
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	42.4	63.6
119	34.0	27.1	40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062847.D
Acq: 4 Jun 2019 19:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	24.6	74.0
150	152.3	0.0	290.6





#95

Naphthalene

Concen: 1.156 ug/l

RT: 14.49 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VF062847.D

Acq: 4 Jun 2019 19:05

Instrument :

MSVOA_F

ClientSampleId :

FK-BPM-03-007-ABCD

Tot Ion:128 Resp: 14453

Ion Ratio Lower Upper

128 100

127 12.1 9.7 14.5

129 6.4 9.4 14.2#

