

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
 Data File : VF062890.D
 Acq On : 6 Jun 2019 18:47
 Operator : FY/SY
 Sample : K3247-02
 Misc : 3.71g/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-GF-02-041-A

Quant Time: Jun 07 02:30:22 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

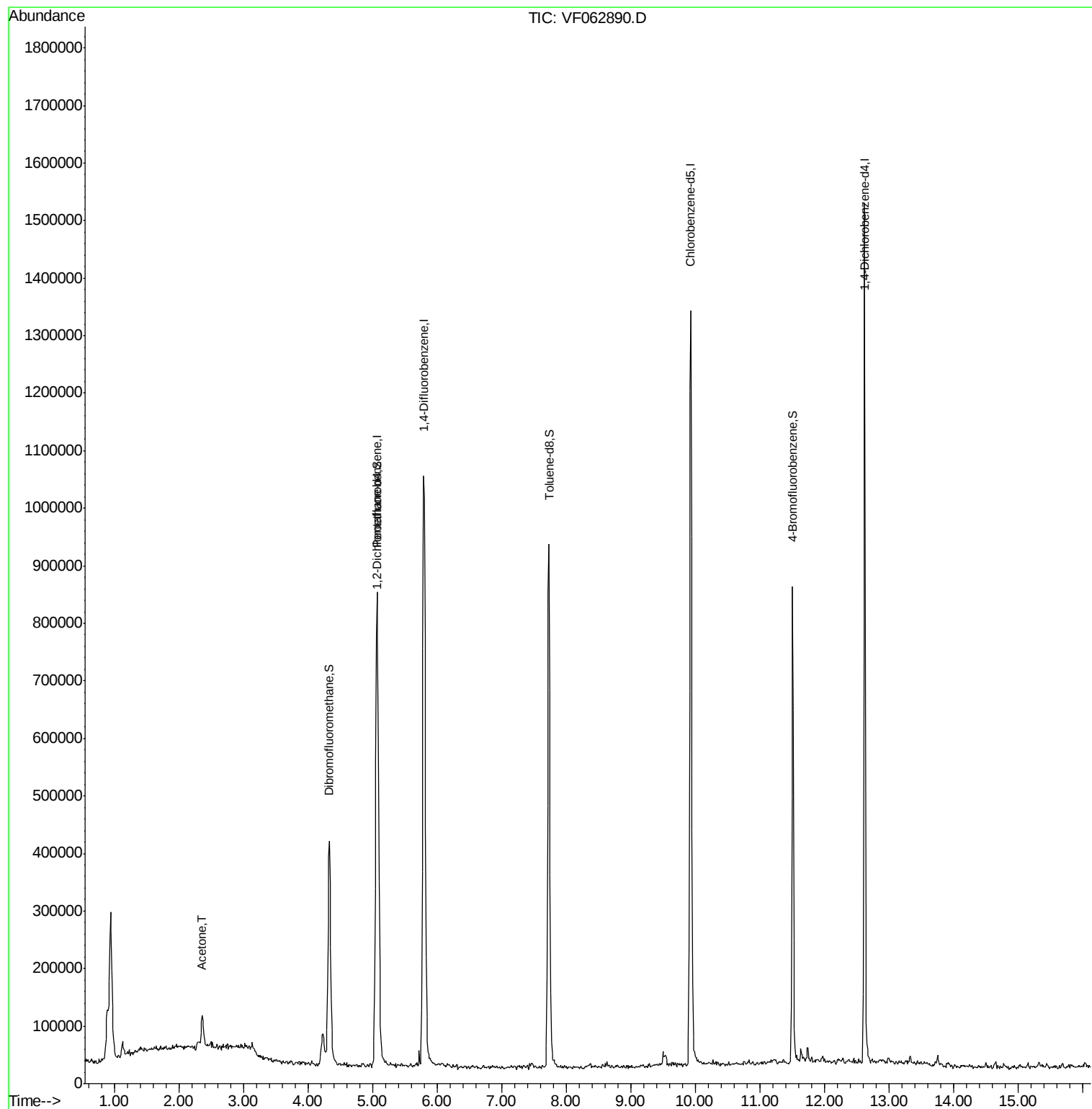
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	775514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1333301	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1045424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	365170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	213838	39.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.74%	
35) Dibromofluoromethane	4.33	113	385284	38.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.48%	
50) Toluene-d8	7.73	98	824718	32.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.74%	
62) 4-Bromofluorobenzene	11.50	95	301689	32.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.84%	
Target Compounds						
16) Acetone	2.36	43	73663	60.015	ug/l	Qvalue 99

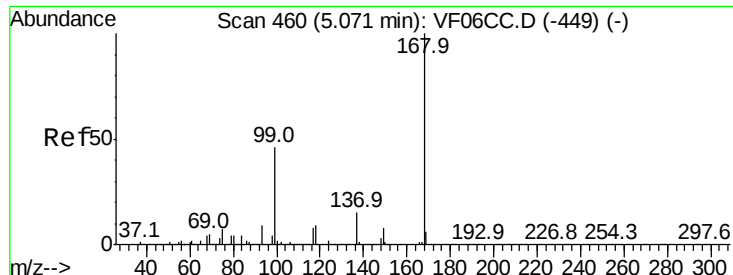
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.00 min

Lab File: VF062890.D

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ClientSampleId :

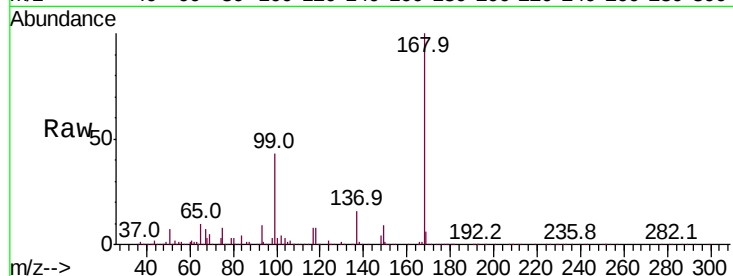
FK-GF-02-041-A

Tot Ion:168 Resp: 775514

Ion Ratio Lower Upper

168 100

99 43.4 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

250000

200000

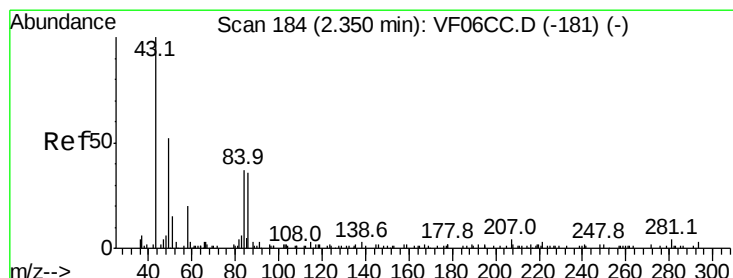
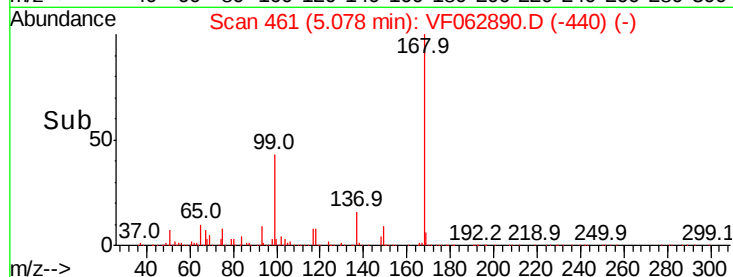
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 60.015 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.01 min

Lab File: VF062890.D

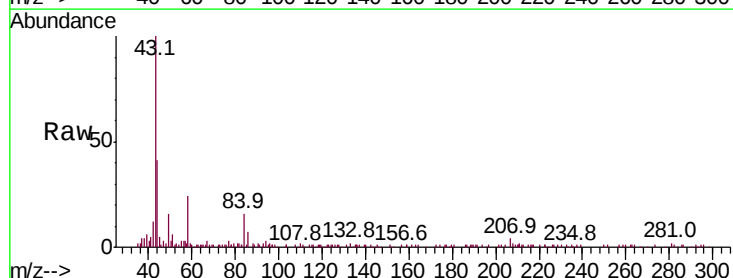
Acq: 6 Jun 2019 18:47

Tgt Ion: 43 Resp: 73663

Ion Ratio Lower Upper

43 100

58 24.4 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.36

30000

25000

20000

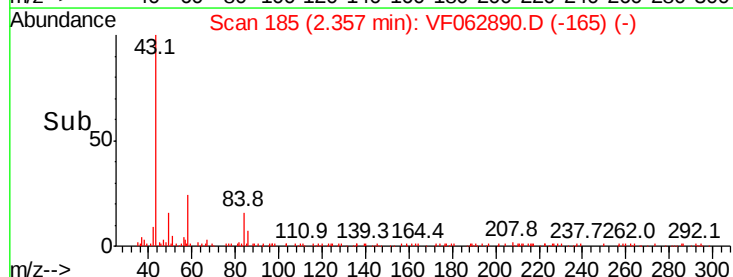
15000

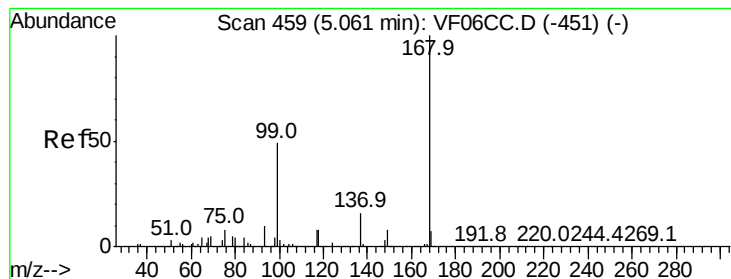
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 39.875 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF062890.D

Acq: 6 Jun 2019 18:47

Instrument :

MSVOA_F

ClientSampleId :

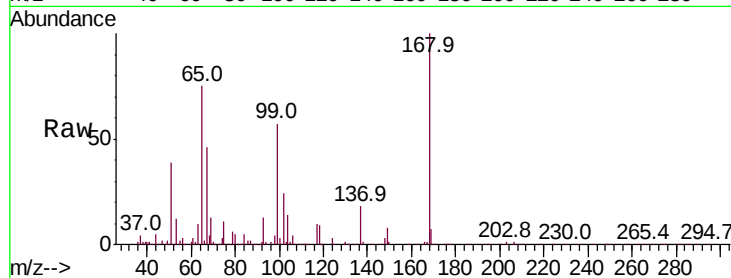
FK-GF-02-041-A

Tot Ion: 65 Resp: 213838

Ion Ratio Lower Upper

65 100

67 61.0 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

80000

60000

40000

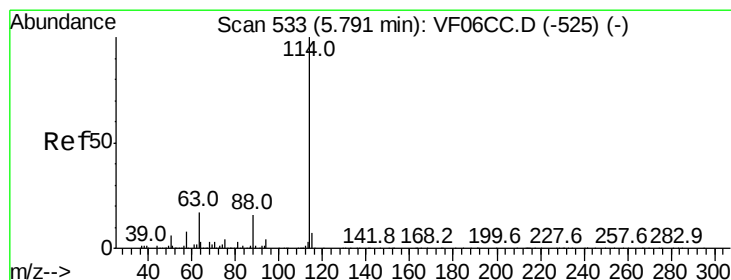
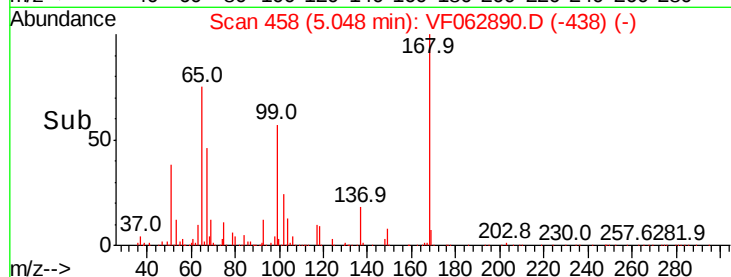
20000

0

Time-->

4.90 5.00 5.10 5.20

5.05



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. -0.01 min

Lab File: VF062890.D

Acq: 6 Jun 2019 18:47

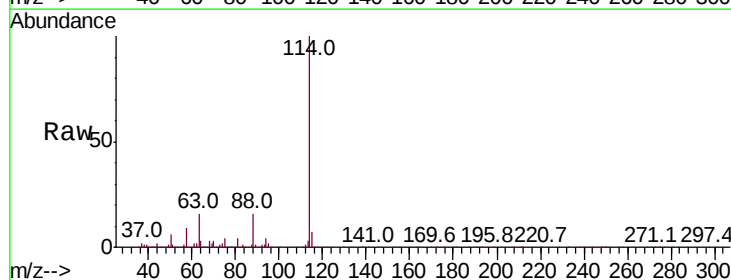
Tgt Ion: 114 Resp: 1333301

Ion Ratio Lower Upper

114 100

63 16.3 0.0 34.2

88 15.6 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

600000

500000

400000

300000

200000

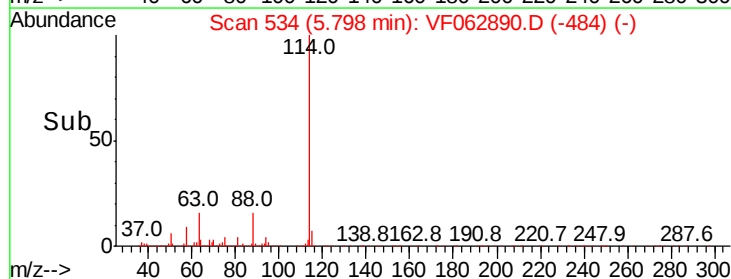
100000

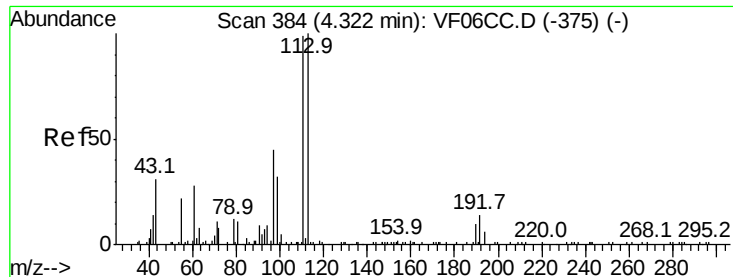
0

Time-->

5.60 5.70 5.80 5.90 6.00

5.80

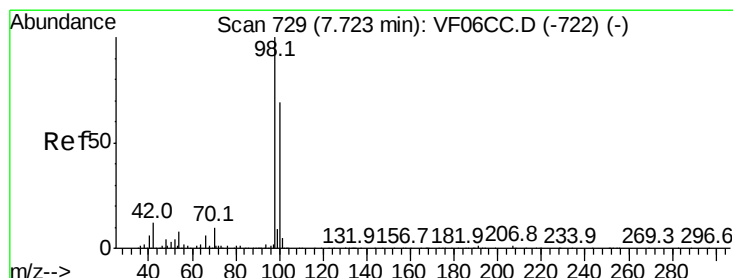
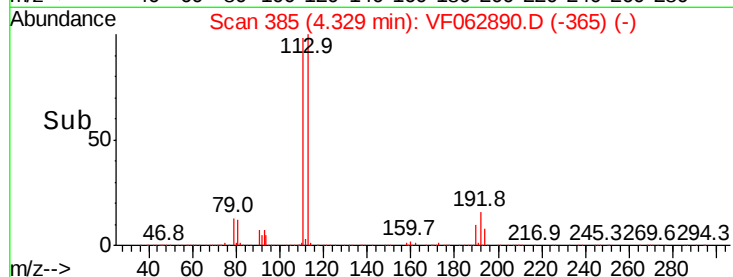
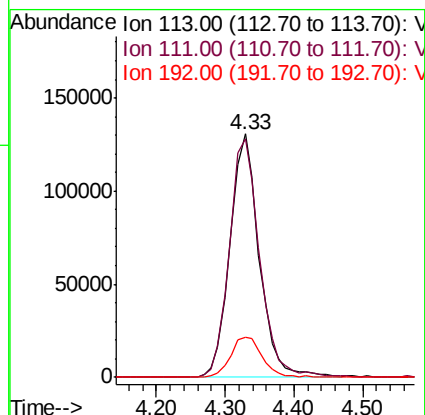
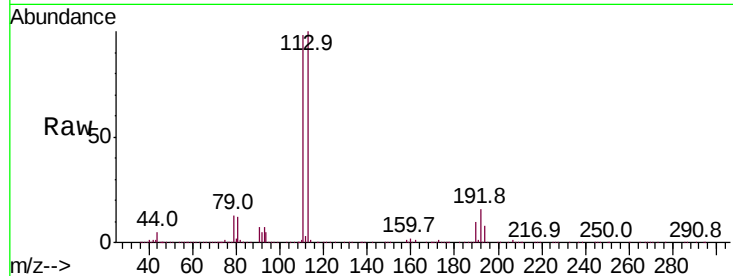




#35
Dibromofluoromethane
Concen: 38.241 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.01 min
Lab File: VF062890.D
Acq: 6 Jun 2019 18:47

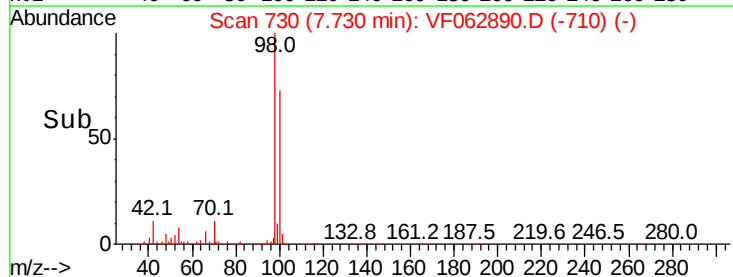
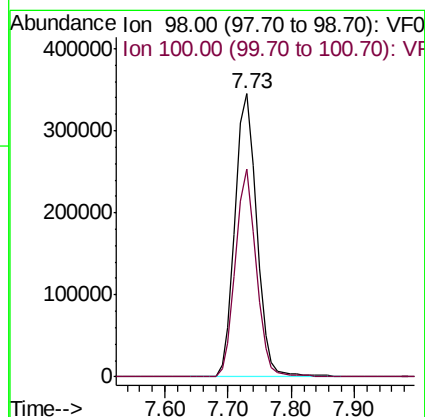
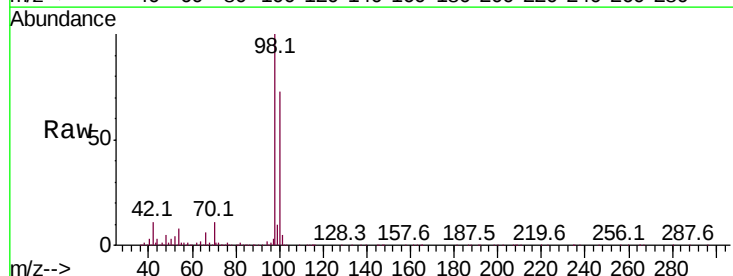
Instrument :
MSVOA_F
ClientSampleId :
FK-GF-02-041-A

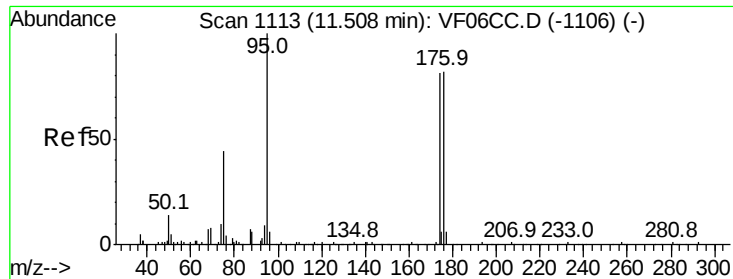
Tot Ion	Ratio	Lower	Upper
113	100		
111	97.9	81.9	122.9
192	16.2	15.1	22.7



#50
Toluene-d8
Concen: 32.370 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.01 min
Lab File: VF062890.D
Acq: 6 Jun 2019 18:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	73.3	59.8	89.8

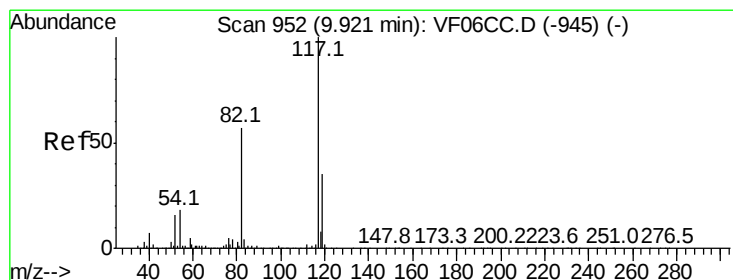
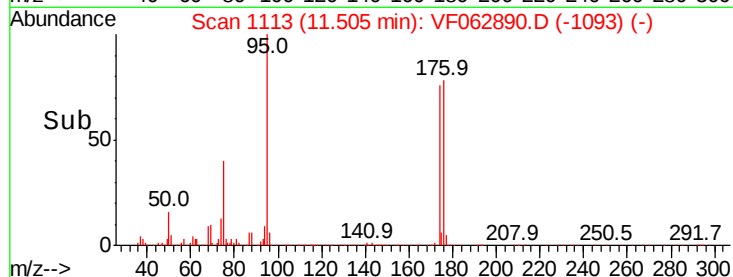
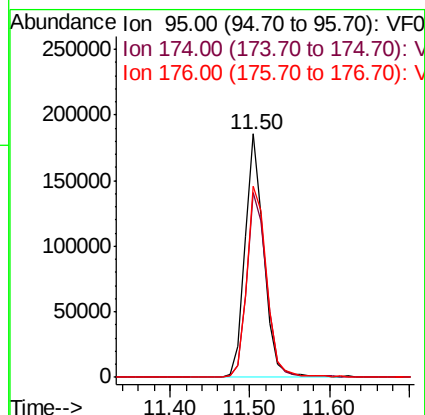
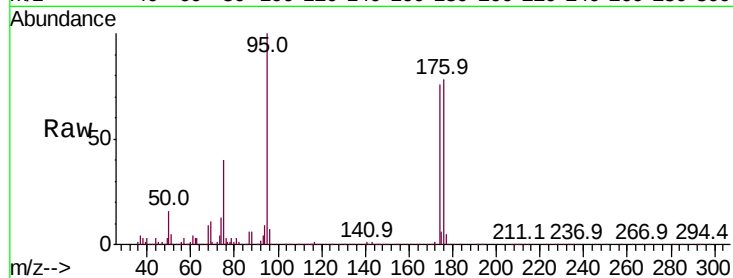




#62
4-Bromofluorobenzene
Concen: 32.919 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF062890.D
Acq: 6 Jun 2019 18:47

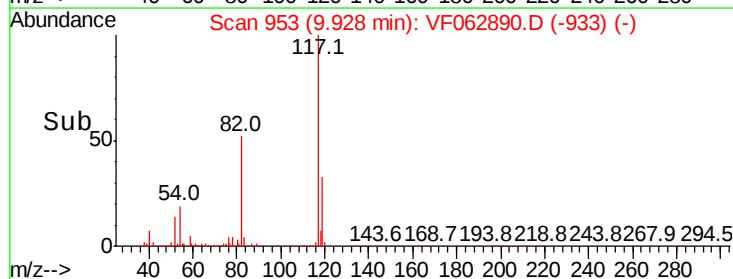
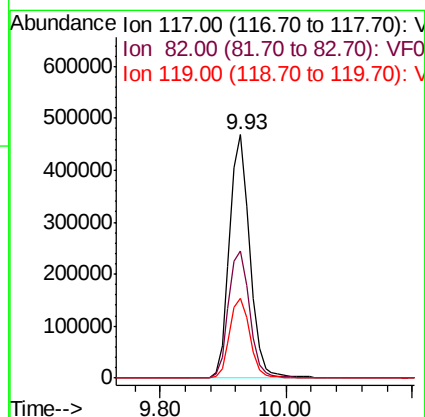
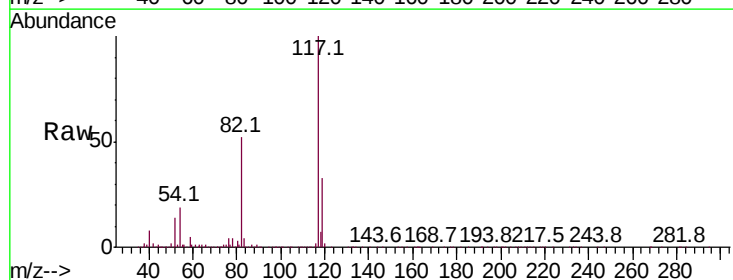
Instrument :
MSVOA_F
ClientSampleId :
FK-GF-02-041-A

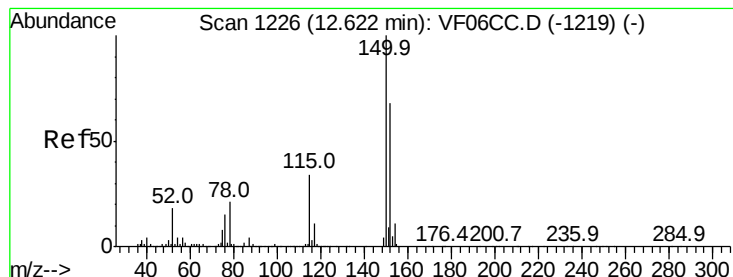
Tot Ion: 95 Resp: 301689
Ion Ratio Lower Upper
95 100
174 76.1 0.0 170.6
176 78.4 0.0 170.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF062890.D
Acq: 6 Jun 2019 18:47

Tgt Ion: 117 Resp: 1045424
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 32.9 27.1 40.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF062890.D

Acq: 6 Jun 2019 18:47

Instrument :

MSVOA_F

ClientSampleId :

FK-GF-02-041-A

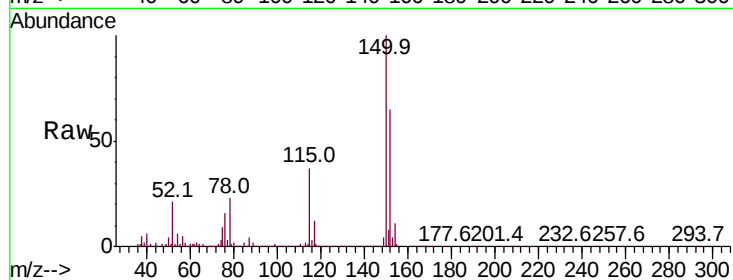
Tot Ion:152 Resp: 365170

Ion Ratio Lower Upper

152 100

115 57.2 24.6 74.0

150 153.9 0.0 290.6



Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

