

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060619\
 Data File : VF062889.D
 Acq On : 6 Jun 2019 18:19
 Operator : FY/SY
 Sample : K3160-05
 Misc : 5.76g/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-060619-C

Quant Time: Jun 07 02:27:06 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

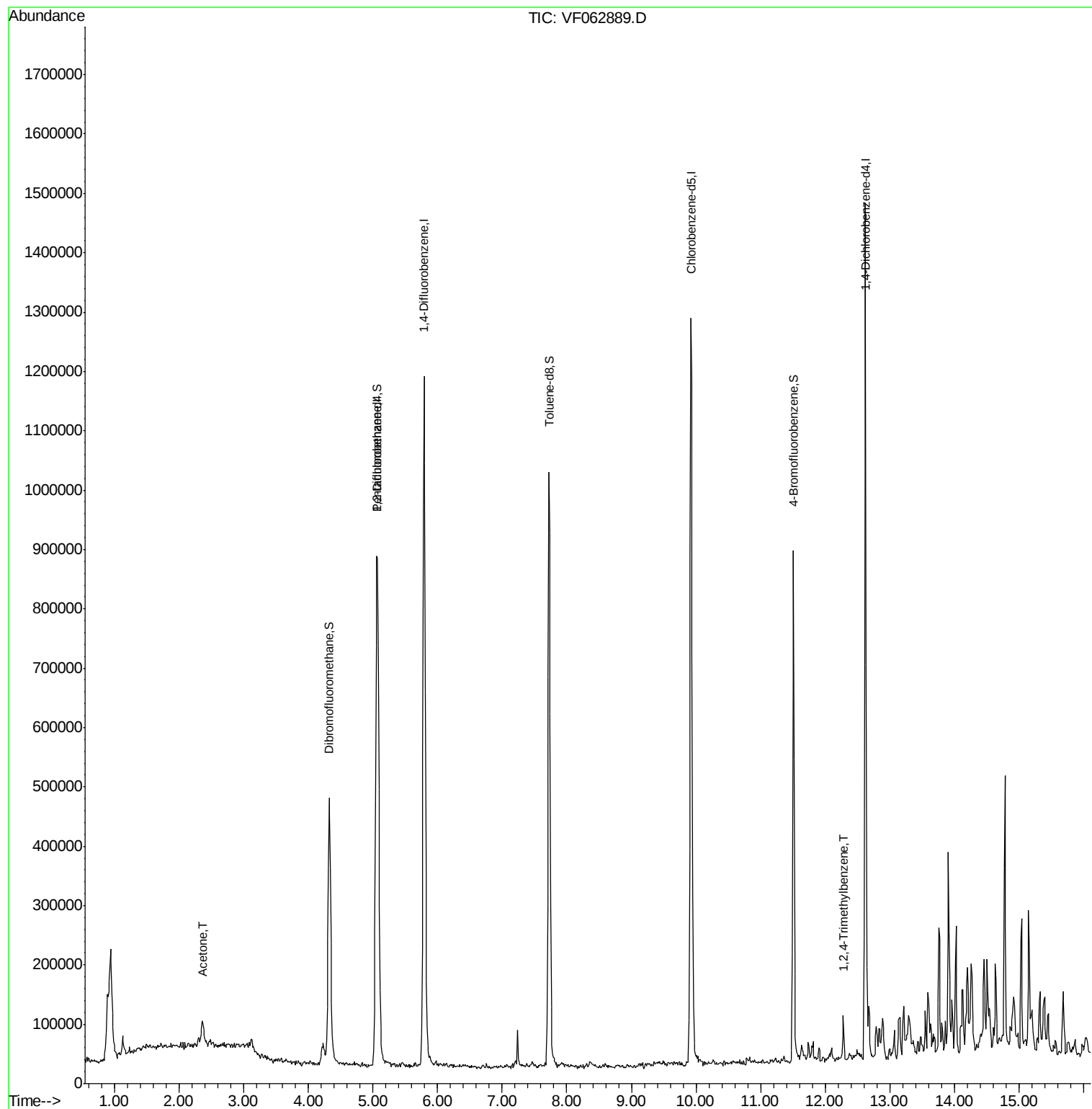
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	819980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1459817	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.92	117	1018322	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	360524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	242578	42.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.56%	
35) Dibromofluoromethane	4.32	113	457444	41.47	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	82.94%	
50) Toluene-d8	7.72	98	899775	32.26	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	64.52%	
62) 4-Bromofluorobenzene	11.51	95	321741	32.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.12%	
Target Compounds						
16) Acetone	2.36	43	45224	34.847	ug/l	99
84) 1,2,4-Trimethylbenzene	12.28	105	31057	1.592	ug/l	95

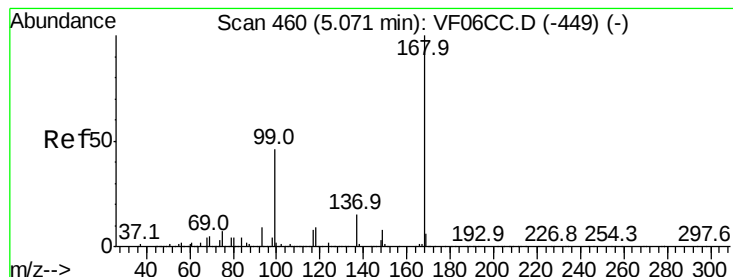
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.00 min

Lab File: VF062889.D

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ClientSampleId :

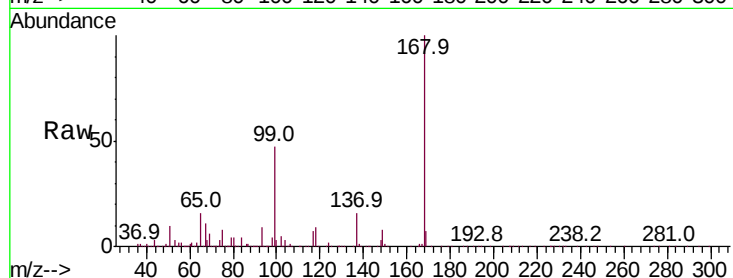
EO-02-060619-C

Tot Ion:168 Resp: 819980

Ion Ratio Lower Upper

168 100

99 47.1 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

300000

250000

200000

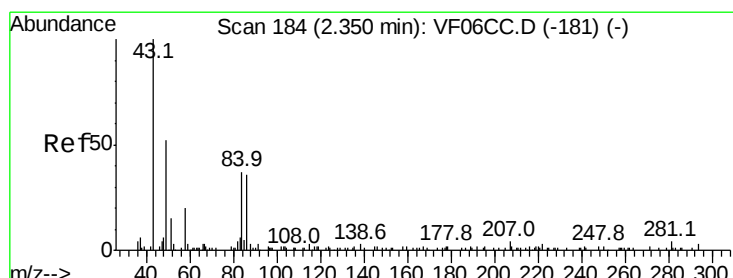
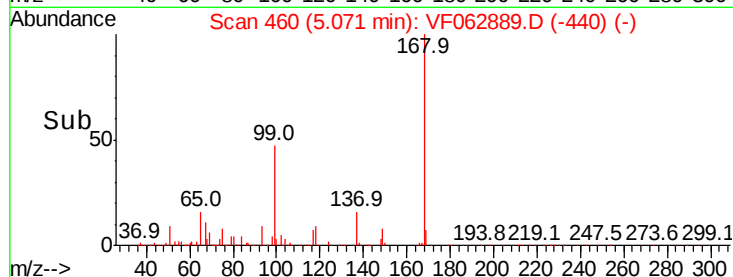
150000

100000

50000

0

Time--> 4.90 5.00 5.10 5.20



#16

Acetone

Concen: 34.847 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.00 min

Lab File: VF062889.D

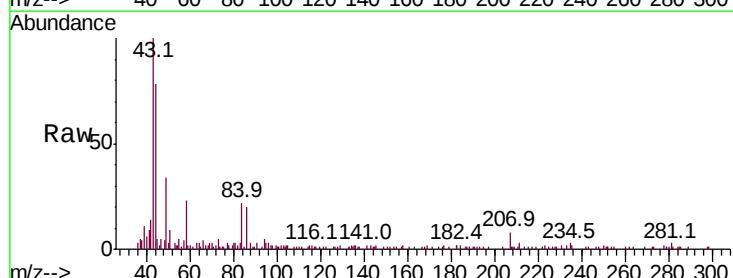
Acq: 6 Jun 2019 18:19

Tgt Ion: 43 Resp: 45224

Ion Ratio Lower Upper

43 100

58 23.3 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

20000

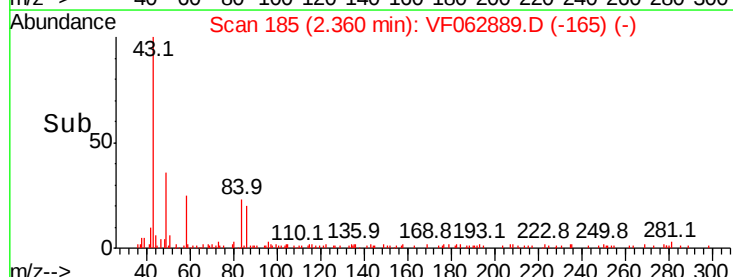
15000

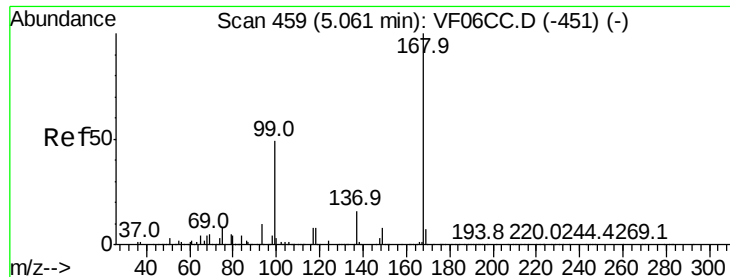
10000

5000

0

Time--> 2.30 2.40 2.50

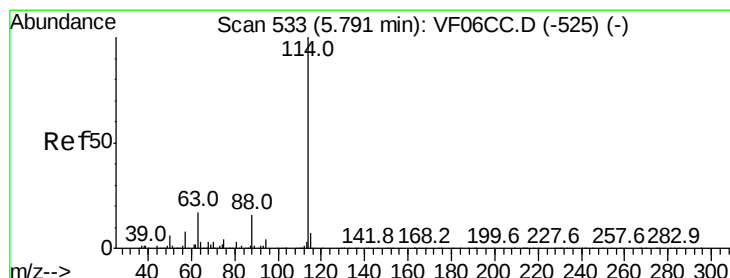
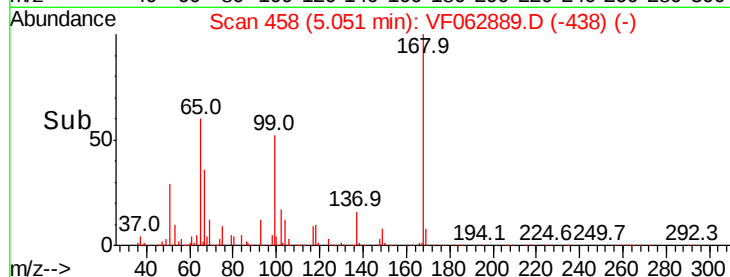
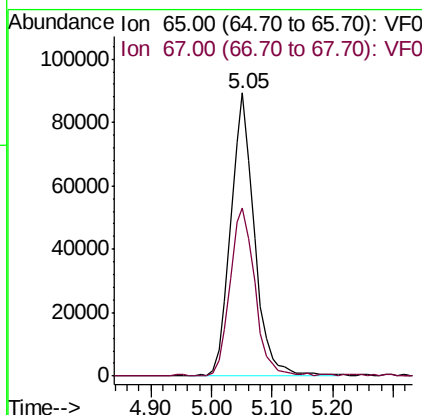
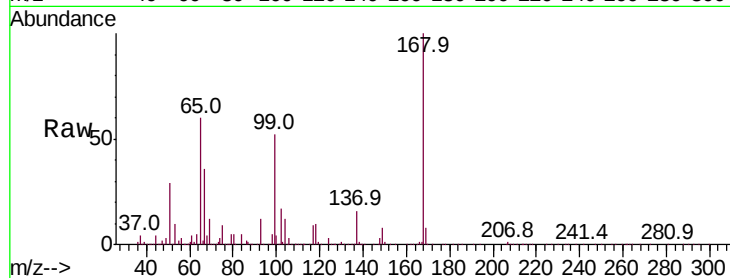




#33
 1,2-Dichloroethane-d4
 Concen: 42.781 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VF062889.D
 Acq: 6 Jun 2019 18:19

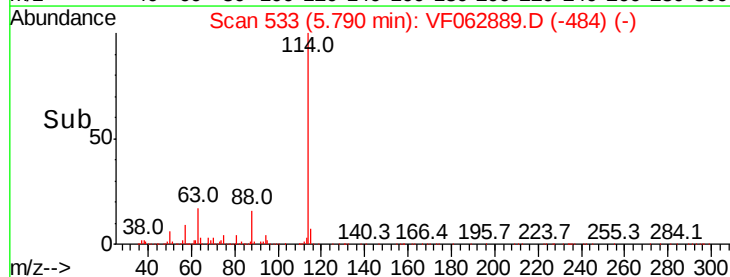
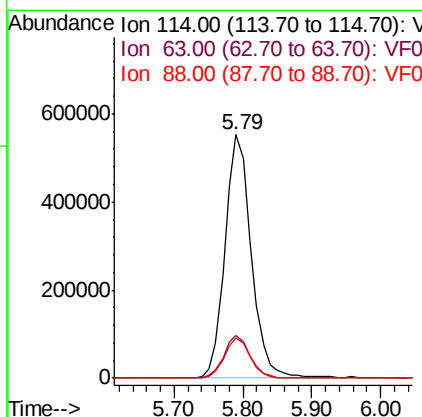
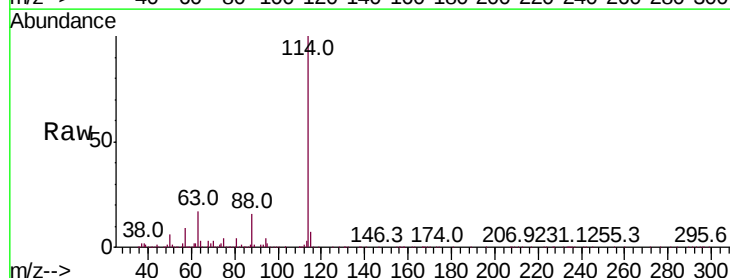
Instrument :
 MSVOA_F
 ClientSampleId :
 EO-02-060619-C

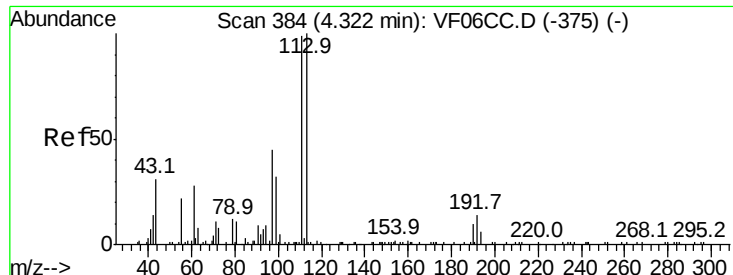
Tot Ion: 65 Resp: 242578
 Ion Ratio Lower Upper
 65 100
 67 59.6 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VF062889.D
 Acq: 6 Jun 2019 18:19

Tgt Ion: 114 Resp: 1459817
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.2
 88 16.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 41.468 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.01 min

Lab File: VF062889.D

Acq: 6 Jun 2019 18:19

Instrument :

MSVOA_F

ClientSampleId :

EO-02-060619-C

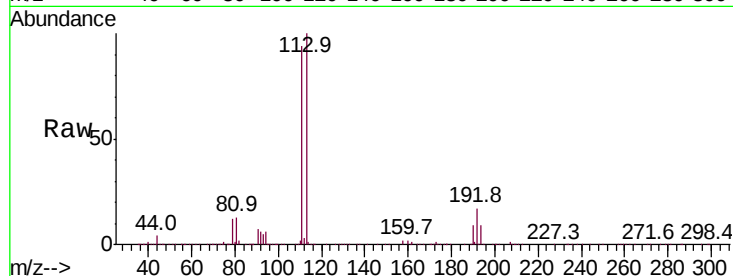
Tot Ion:113 Resp: 457444

Ion Ratio Lower Upper

113 100

111 94.3 81.9 122.9

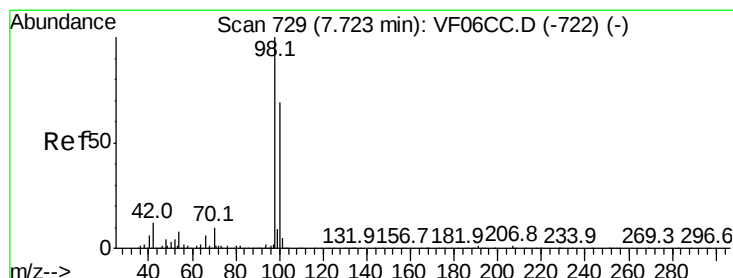
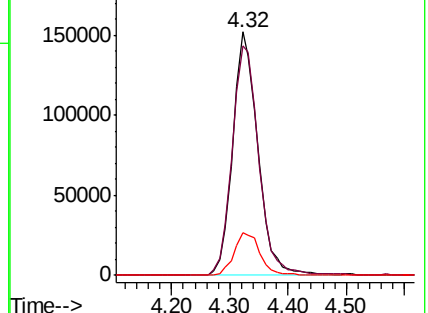
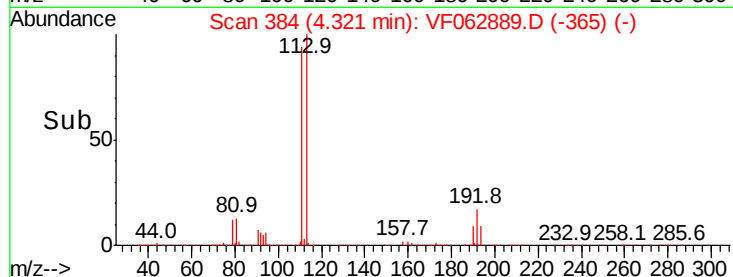
192 17.4 15.1 22.7



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: 32.256 ug/l

RT: 7.72 min Scan# 729

Delta R.T. -0.01 min

Lab File: VF062889.D

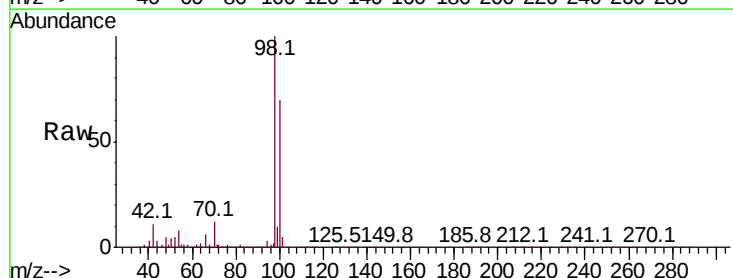
Acq: 6 Jun 2019 18:19

Tgt Ion: 98 Resp: 899775

Ion Ratio Lower Upper

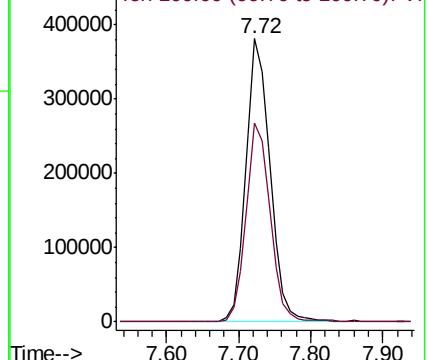
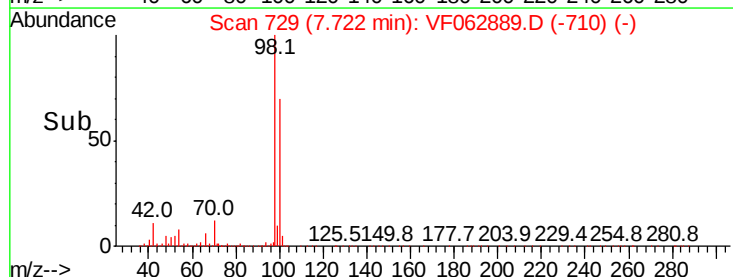
98 100

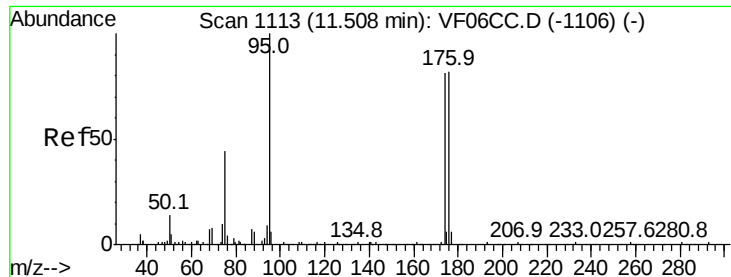
100 70.5 59.8 89.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 32.064 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF062889.D

Acq: 6 Jun 2019 18:19

Instrument :

MSVOA_F

ClientSampleId :

EO-02-060619-C

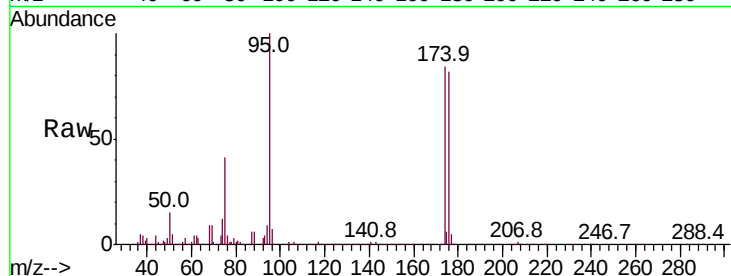
Tot Ion: 95 Resp: 321741

Ion Ratio Lower Upper

95 100

174 83.9 0.0 170.6

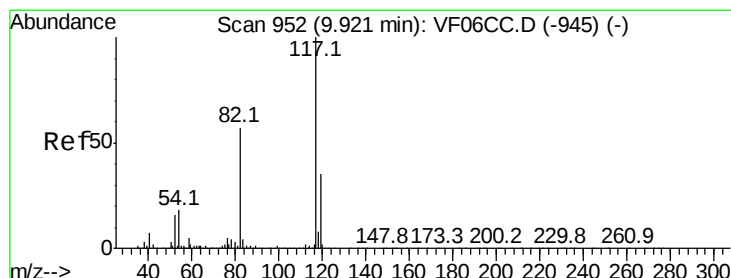
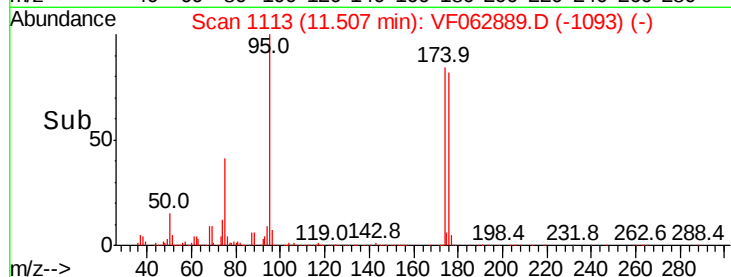
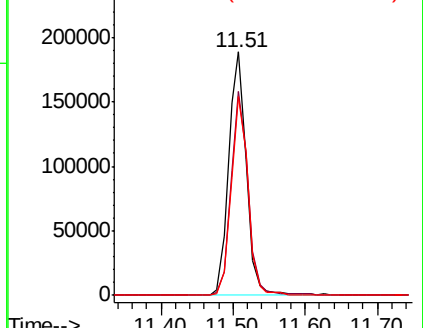
176 81.8 0.0 170.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.01 min

Lab File: VF062889.D

Acq: 6 Jun 2019 18:19

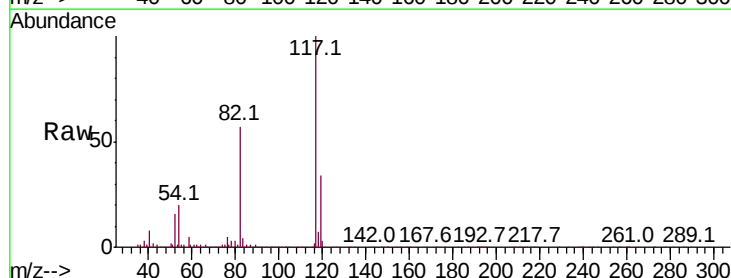
Tgt Ion: 117 Resp: 1018322

Ion Ratio Lower Upper

117 100

82 56.7 42.4 63.6

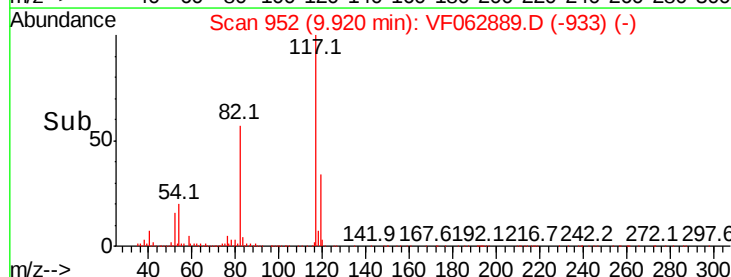
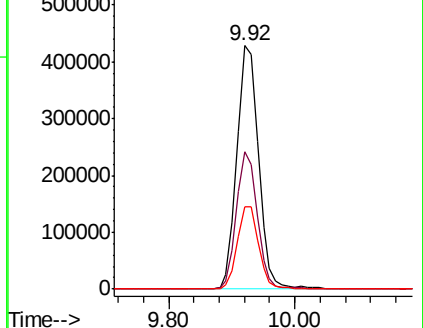
119 33.8 27.1 40.7

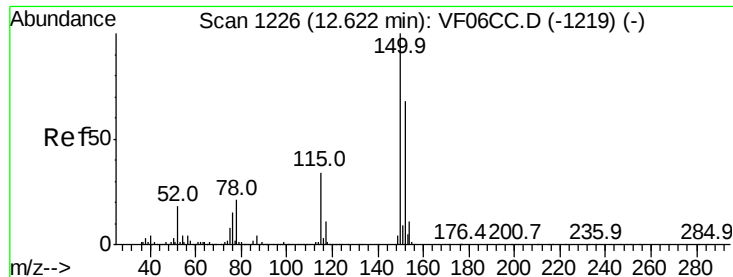


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VF062889.D

Acq: 6 Jun 2019 18:19

Instrument :

MSVOA_F

ClientSampleId :

EO-02-060619-C

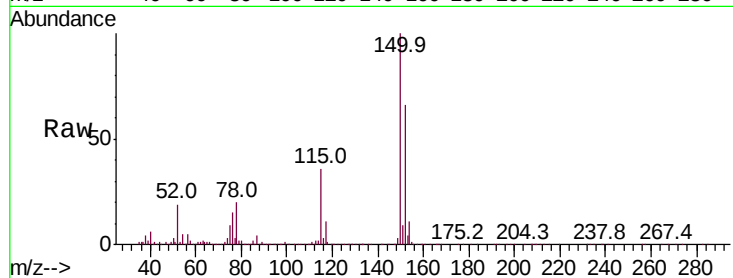
Tot Ion:152 Resp: 360524

Ion Ratio Lower Upper

152 100

115 54.8 24.6 74.0

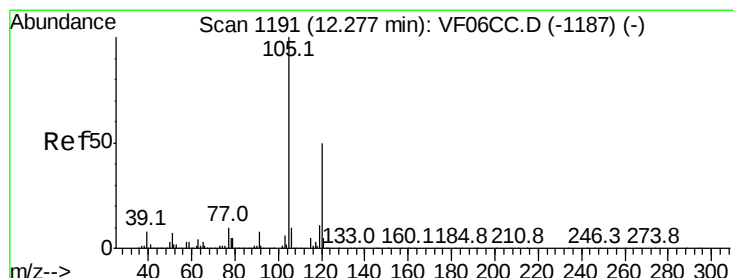
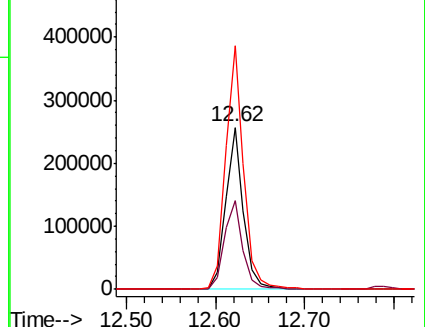
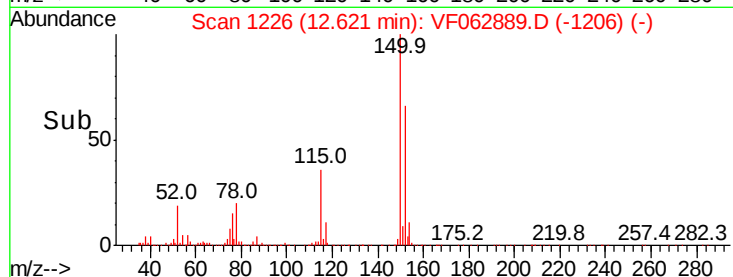
150 150.4 0.0 290.6



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



#84

1,2,4-Trimethylbenzene

Concen: 1.592 ug/l

RT: 12.28 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VF062889.D

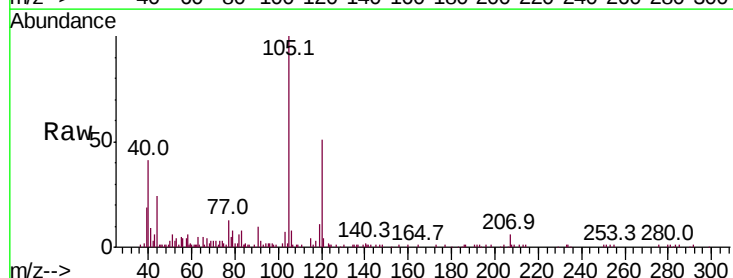
Acq: 6 Jun 2019 18:19

Tgt Ion:105 Resp: 31057

Ion Ratio Lower Upper

105 100

120 50.7 27.1 81.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

