

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF052219\
 Data File : VF062713.D
 Acq On : 22 May 2019 18:42
 Operator : FY/SY
 Sample : K3002-05
 Misc : 5.05g/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 23-C3-20190399

Quant Time: Jun 25 04:01:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

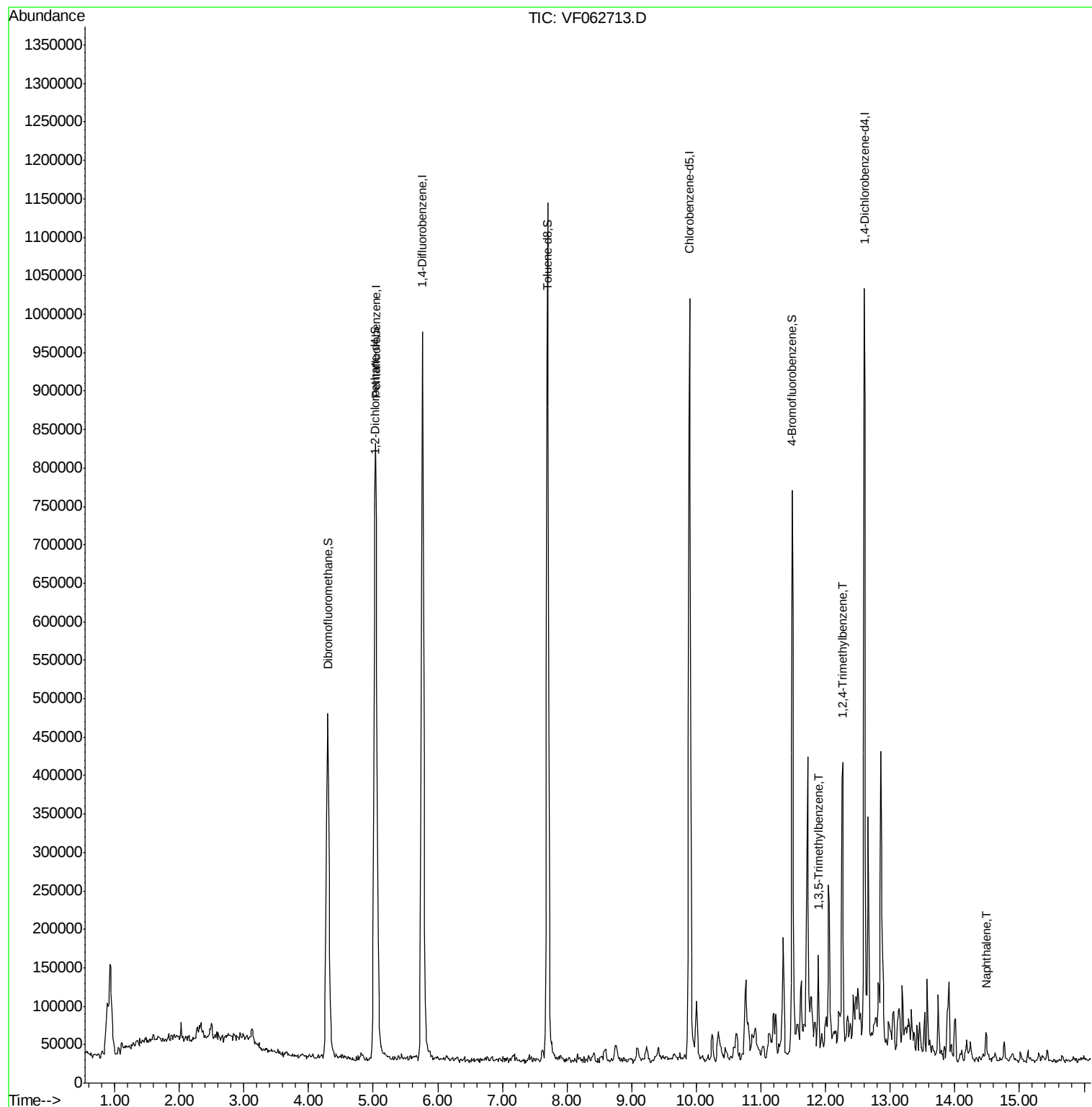
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	727096	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	1215634	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	763385	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.60	152	271619	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	241378	46.98	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.96%	
35) Dibromofluoromethane	4.30	113	460304	49.48	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.96%	
50) Toluene-d8	7.70	98	970833	43.71	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	87.42%	
62) 4-Bromofluorobenzene	11.48	95	251177	29.82	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	59.64%	
Target Compounds						
80) 1,3,5-Trimethylbenzene	11.89	105	52788	3.382	ug/l	89
84) 1,2,4-Trimethylbenzene	12.26	105	132689	8.783	ug/l	87
95) Naphthalene	14.48	128	20739	2.044	ug/l #	91

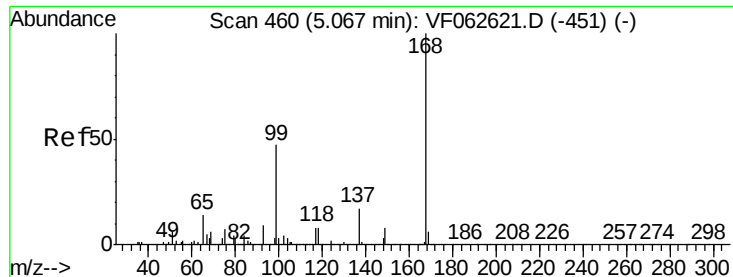
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF052219\
Data File : VF062713.D
Acq On : 22 May 2019 18:42
Operator : FY/SY
Sample : K3002-05
Misc : 5.05g/5mL/MSVOA F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
23-C3-20190399

Quant Time: Jun 25 04:01:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.02 min

Lab File: VF062713.D

Acq: 22 May 2019 18:42

Instrument :

MSVOA_F

ClientSampleId :

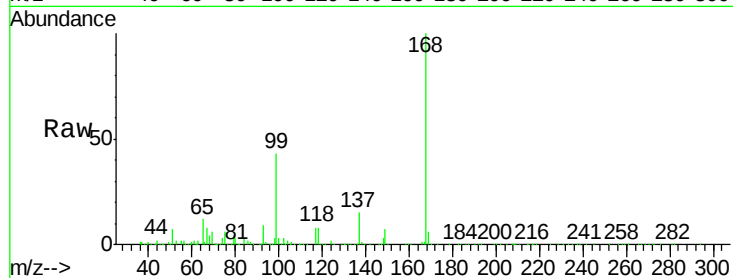
23-C3-20190399

Tot Ion:168 Resp: 727096

Ion Ratio Lower Upper

168 100

99 43.2 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

250000

200000

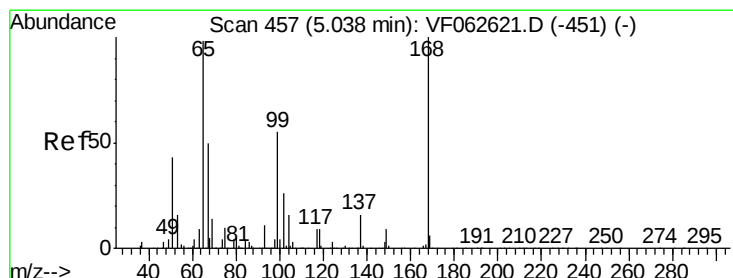
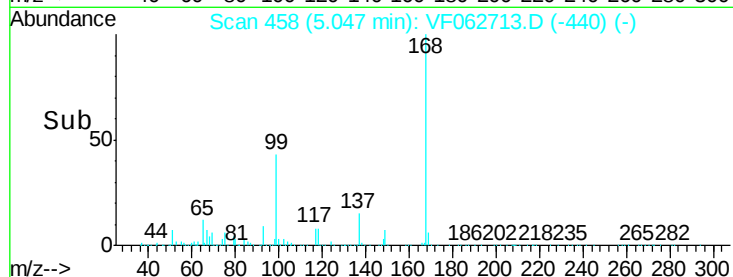
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.979 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.02 min

Lab File: VF062713.D

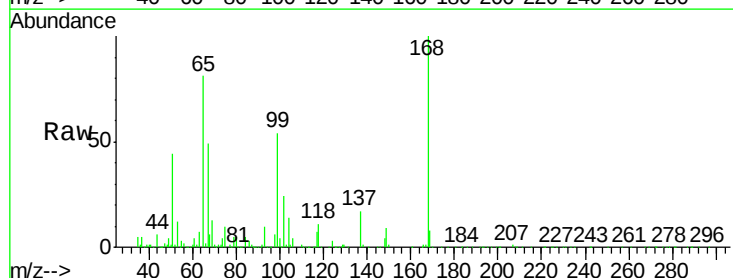
Acq: 22 May 2019 18:42

Tgt Ion: 65 Resp: 241378

Ion Ratio Lower Upper

65 100

67 60.1 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

100000

80000

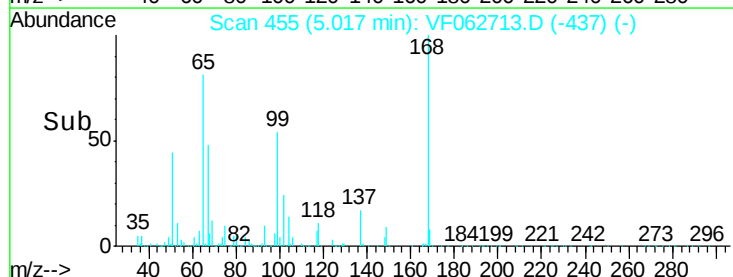
60000

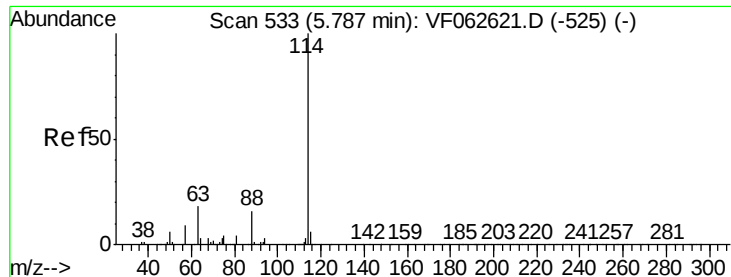
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.02 min

Lab File: VF062713.D

Acq: 22 May 2019 18:42

Instrument :

MSVOA_F

ClientSampleId :

23-C3-20190399

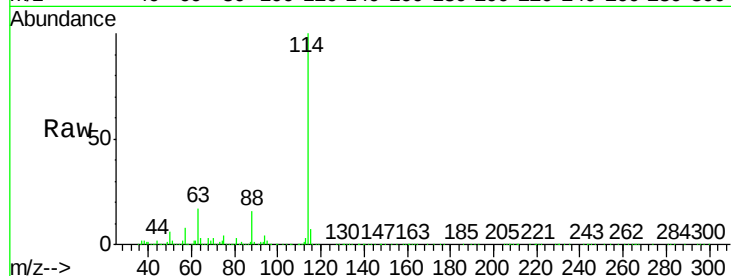
Tot Ion:114 Resp: 1215634

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.4

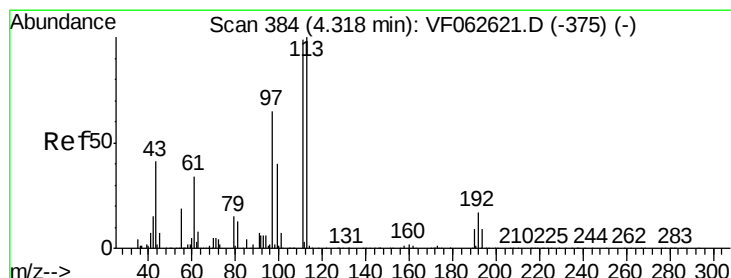
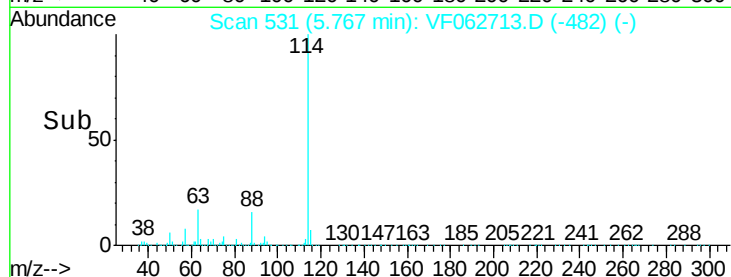
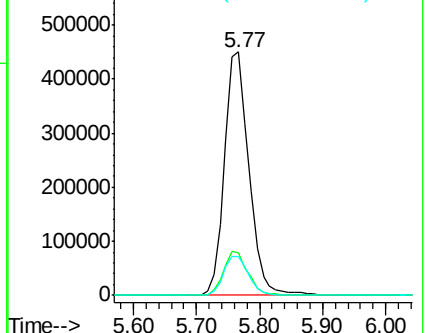
88 16.1 0.0 32.4



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: 49.484 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.02 min

Lab File: VF062713.D

Acq: 22 May 2019 18:42

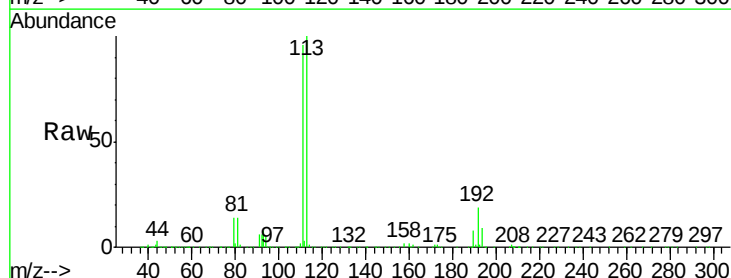
Tgt Ion:113 Resp: 460304

Ion Ratio Lower Upper

113 100

111 96.4 79.4 119.2

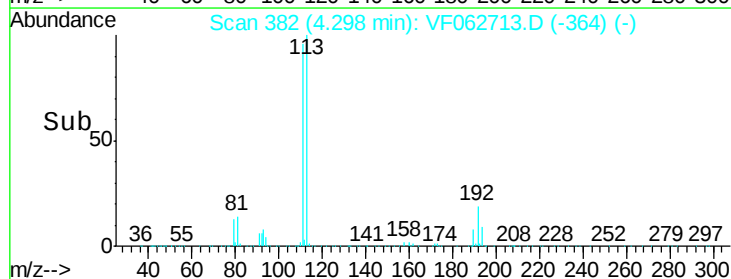
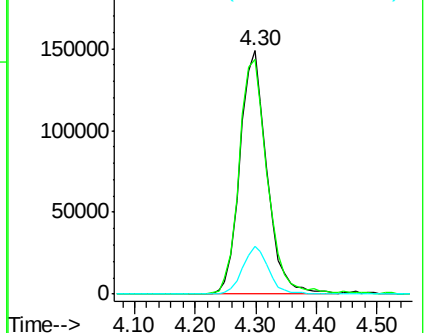
192 19.7 13.4 20.2

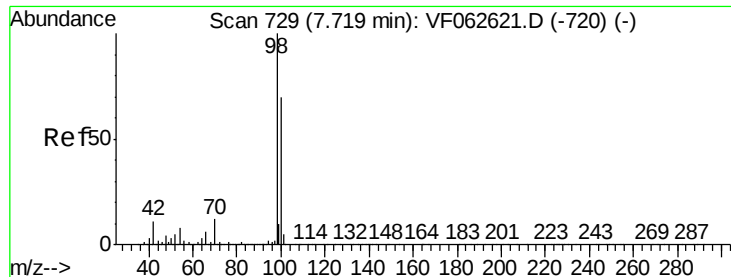


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 43.712 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.02 min

Lab File: VF062713.D

Acq: 22 May 2019 18:42

Instrument :

MSVOA_F

ClientSampleId :

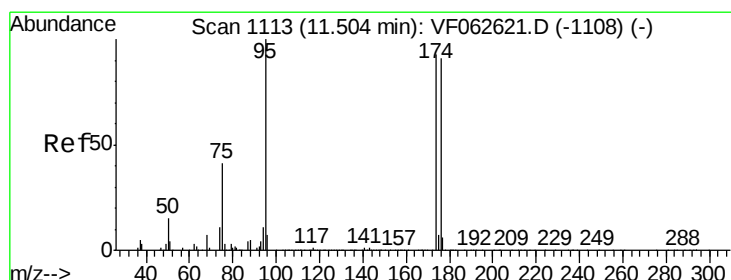
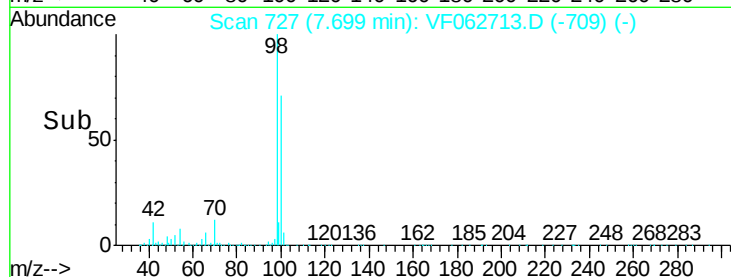
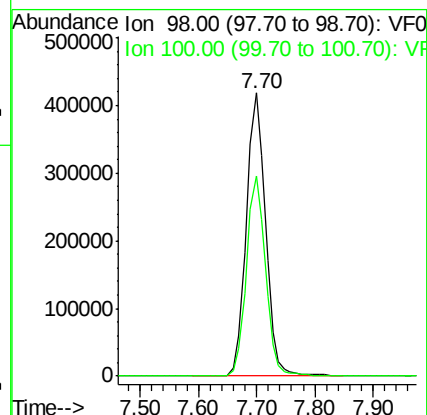
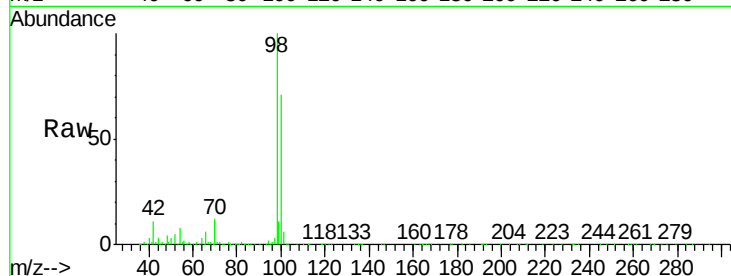
23-C3-20190399

Tot Ion: 98 Resp: 970833

Ion Ratio Lower Upper

98 100

100 70.8 56.2 84.2



#62

4-Bromofluorobenzene

Concen: 29.819 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF062713.D

Acq: 22 May 2019 18:42

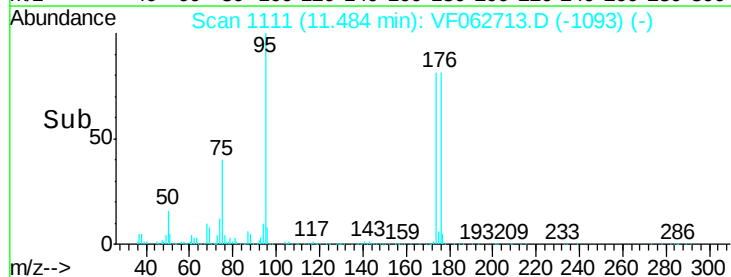
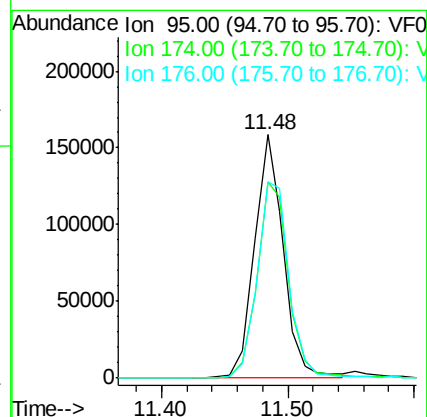
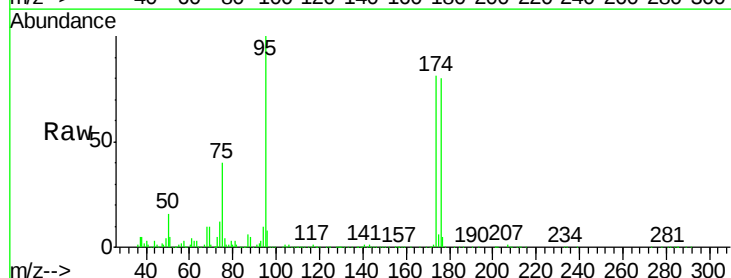
Tgt Ion: 95 Resp: 251177

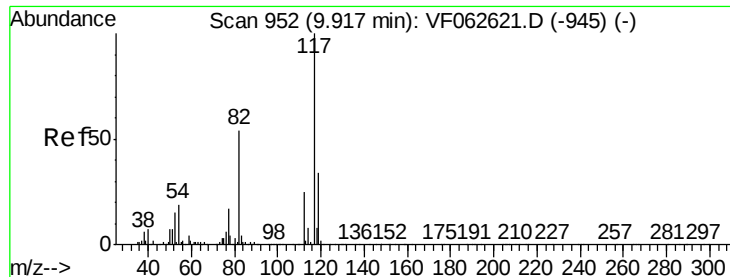
Ion Ratio Lower Upper

95 100

174 80.8 0.0 185.6

176 80.5 0.0 182.4

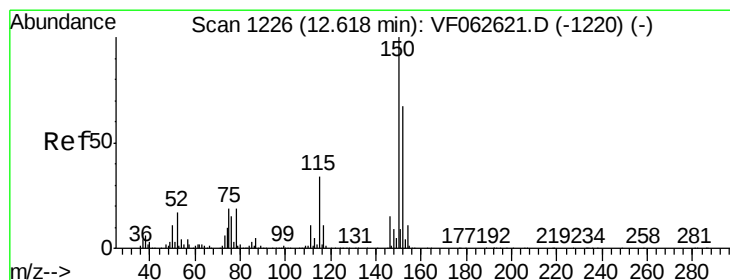
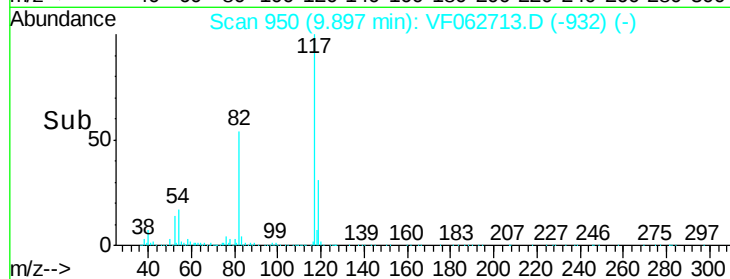
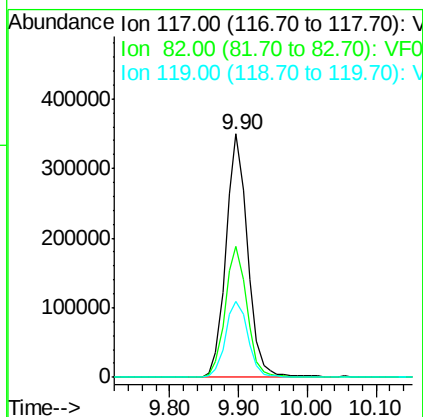
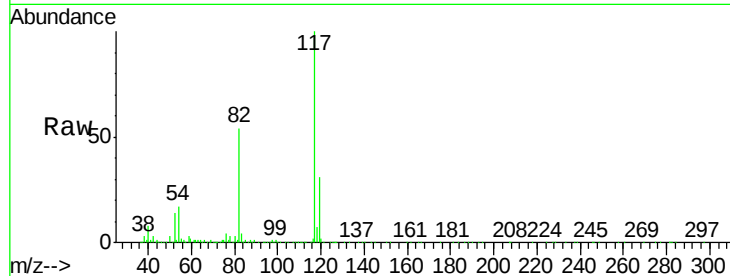




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.02 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

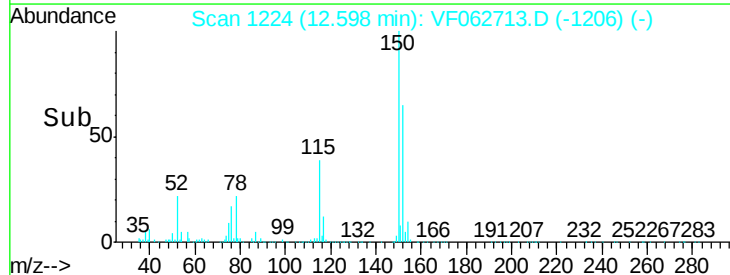
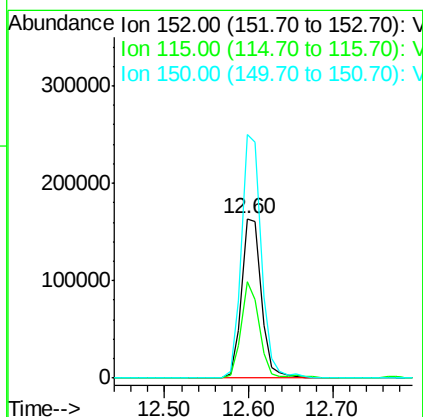
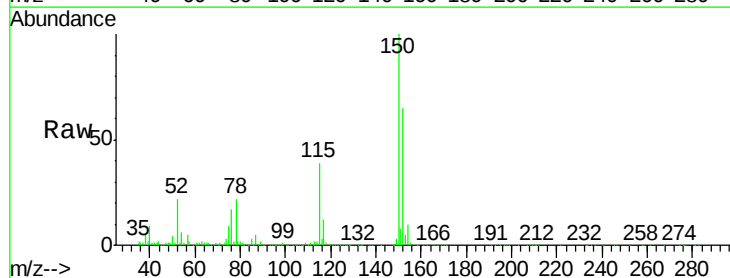
Instrument :
MSVOA_F
ClientSampleId :
23-C3-20190399

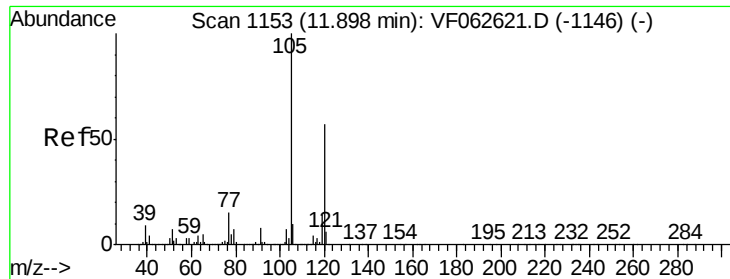
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.3	64.9
119	31.2	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.02 min
Lab File: VF062713.D
Acq: 22 May 2019 18:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	25.2	75.6
150	152.9	0.0	306.2





#80

1,3,5-Trimethylbenzene

Concen: 3.382 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. -0.01 min

Lab File: VF062713.D

Acq: 22 May 2019 18:42

Instrument :

MSVOA_F

ClientSampleId :

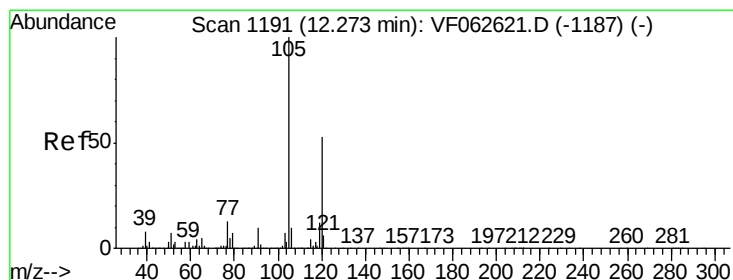
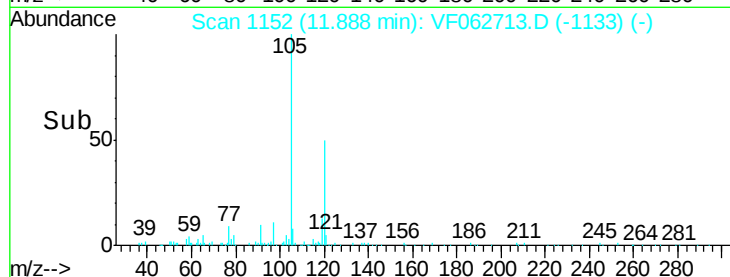
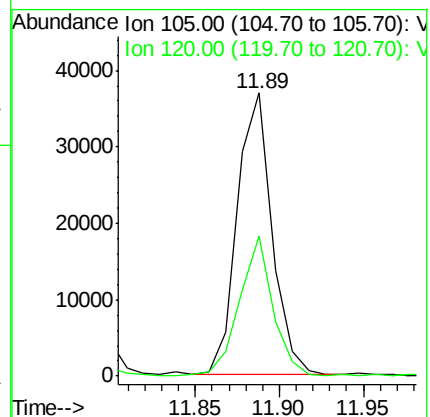
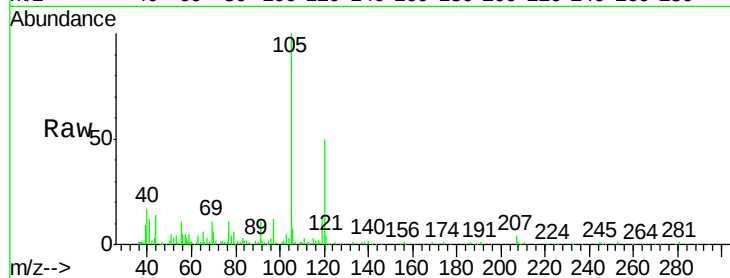
23-C3-20190399

Tot Ion:105 Resp: 52788

Ion Ratio Lower Upper

105 100

120 49.7 28.7 86.3



#84

1,2,4-Trimethylbenzene

Concen: 8.783 ug/l

RT: 12.26 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VF062713.D

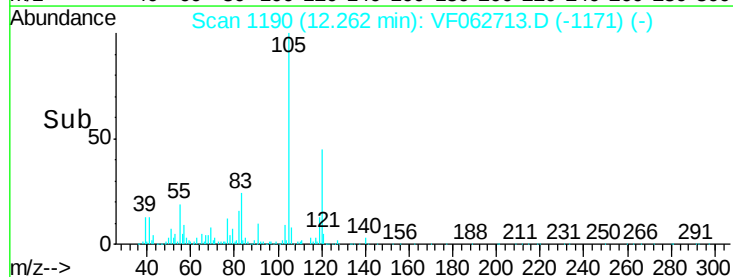
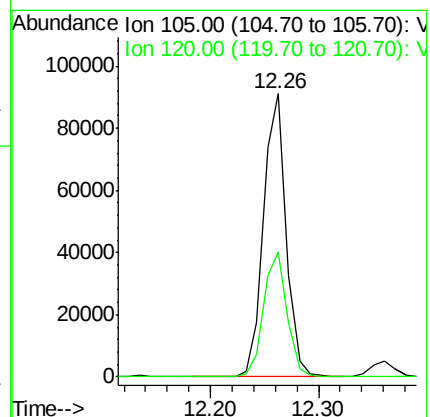
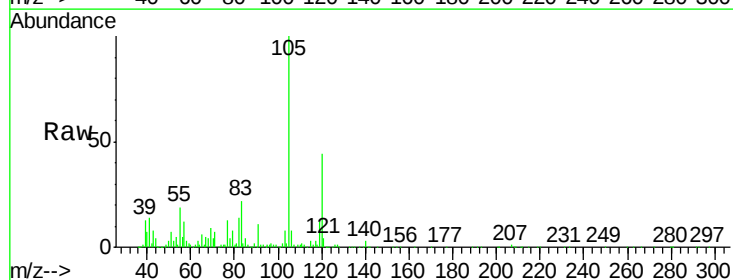
Acq: 22 May 2019 18:42

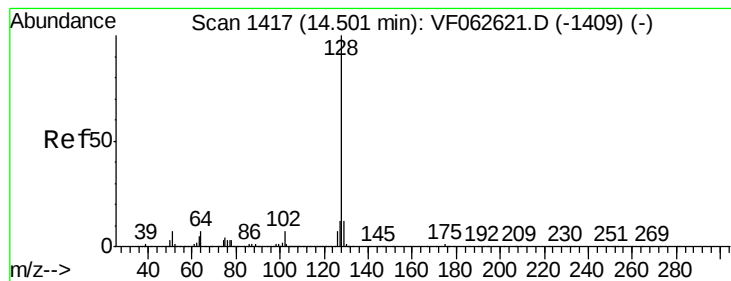
Tgt Ion:105 Resp: 132689

Ion Ratio Lower Upper

105 100

120 43.8 26.7 80.1





#95

Naphthalene

Concen: 2.044 ug/l

RT: 14.48 min Scan# 1415

Delta R.T. -0.02 min

Lab File: VF062713.D

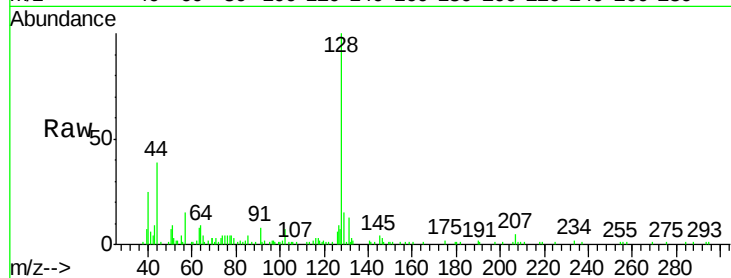
Acq: 22 May 2019 18:42

Instrument :

MSVOA_F

ClientSampleId :

23-C3-20190399



Tot Ion:128	Resp:	20739
Ion	Ratio	Lower Upper
128	100	
127	16.1	9.7 14.5#
129	14.9	9.3 13.9#

