

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052119\
 Data File : VF062682.D
 Acq On : 21 May 2019 14:50
 Operator : FY/SY
 Sample : K2970-14
 Misc : 3.51g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-9-S2

Quant Time: May 22 04:17:57 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

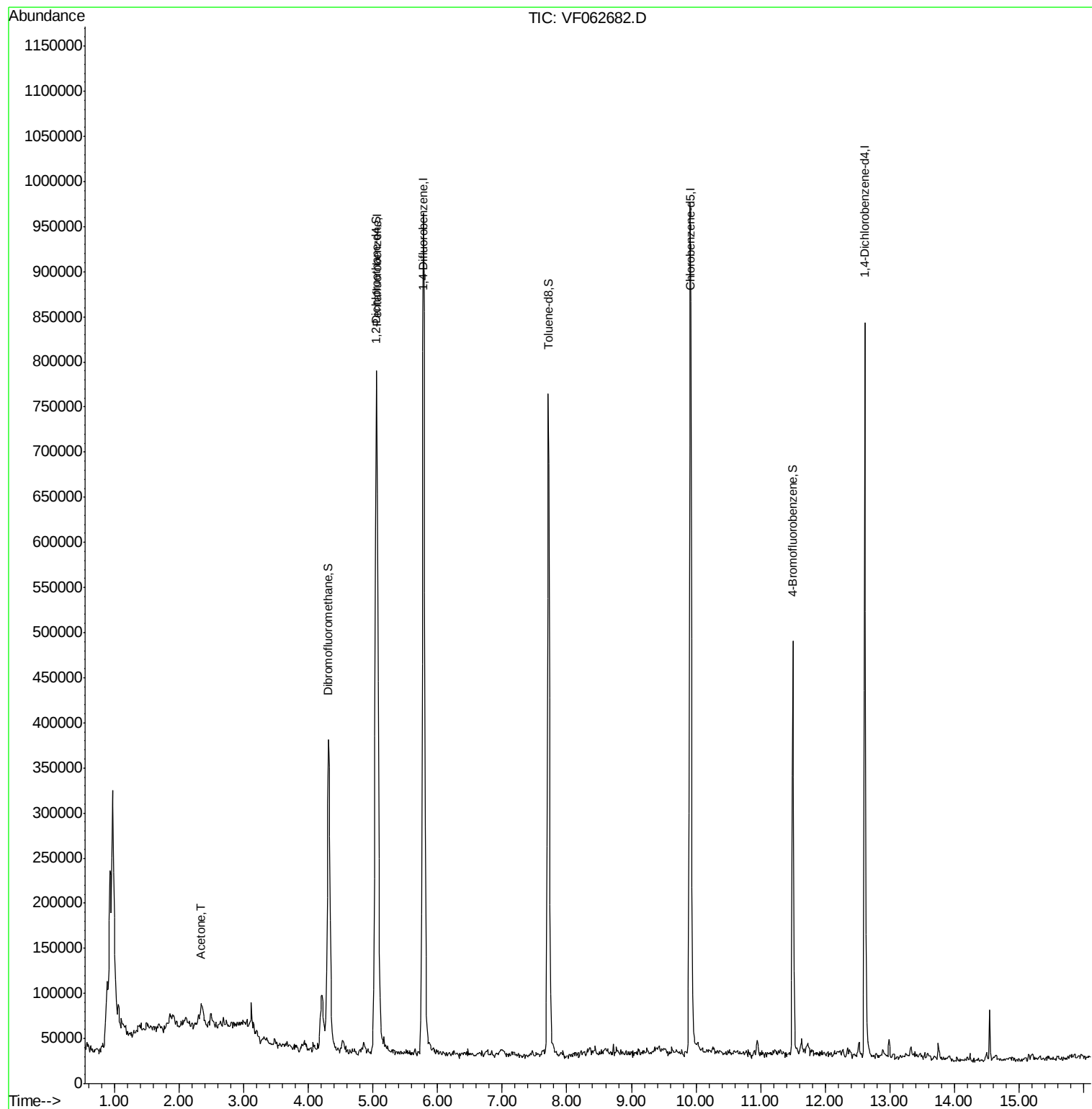
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	726384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	1187820	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	740698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	207896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	179279	34.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.86%	
35) Dibromofluoromethane	4.31	113	331976	36.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.04%	
50) Toluene-d8	7.71	98	651583	30.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.04%	
62) 4-Bromofluorobenzene	11.50	95	171117	20.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.58%	
Target Compounds						
16) Acetone	2.35	43	38888	29.203	ug/l #	Qvalue 83

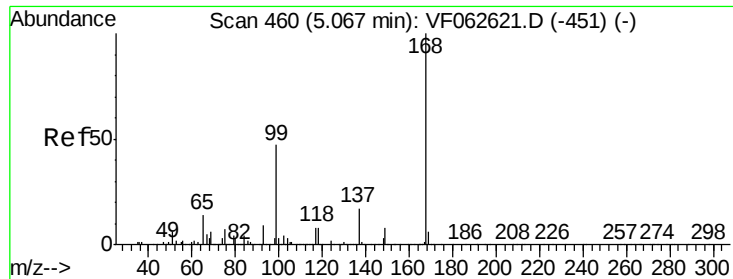
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062682.D

Acq: 21 May 2019 14:50

Instrument :

MSVOA_F

ClientSampleId :

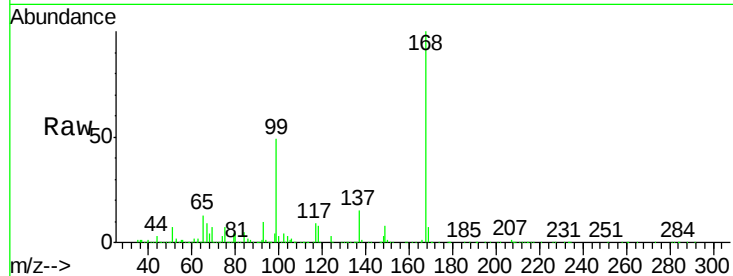
TP-9-S2

Tot Ion:168 Resp: 726384

Ion Ratio Lower Upper

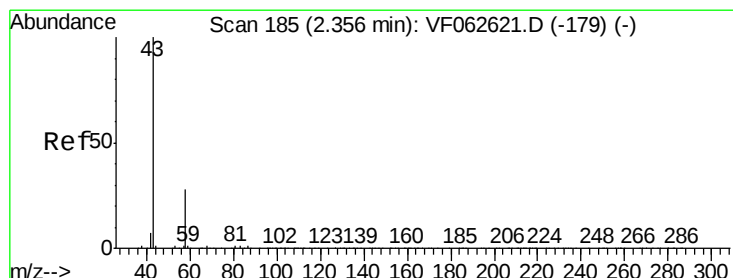
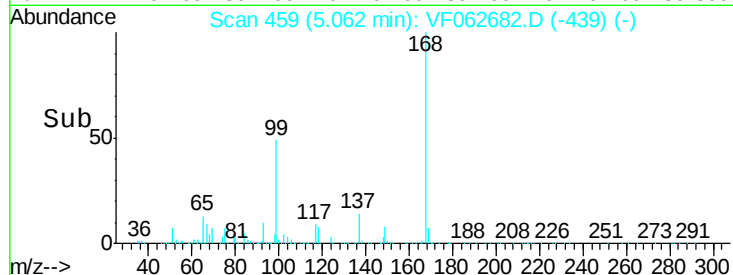
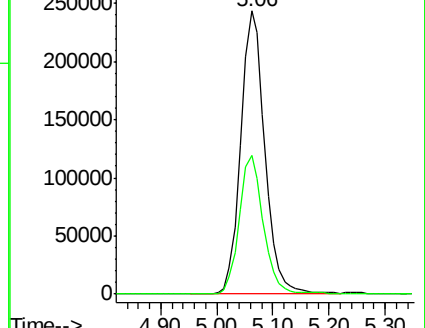
168 100

99 48.8 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 29.203 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.01 min

Lab File: VF062682.D

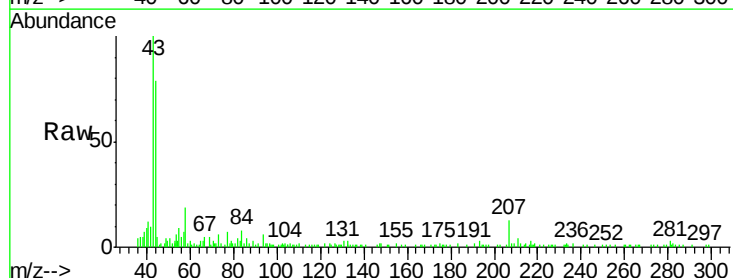
Acq: 21 May 2019 14:50

Tgt Ion: 43 Resp: 38888

Ion Ratio Lower Upper

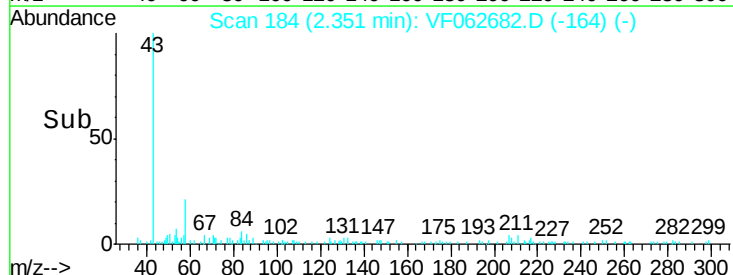
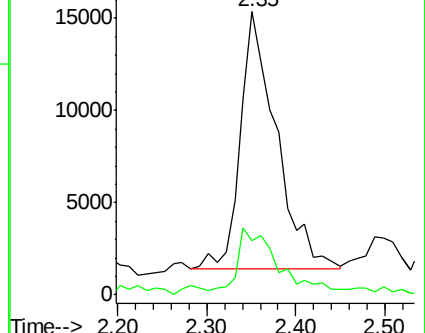
43 100

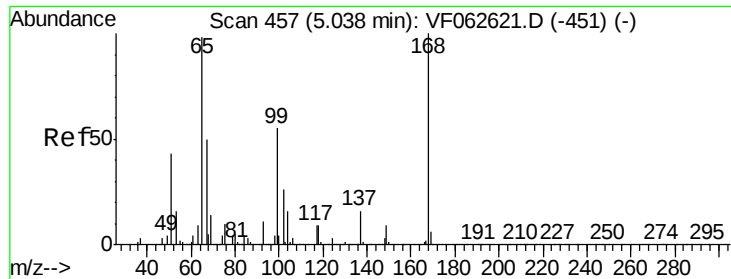
58 19.2 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 34.927 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF062682.D

Acq: 21 May 2019 14:50

Instrument :

MSVOA_F

ClientSampleId :

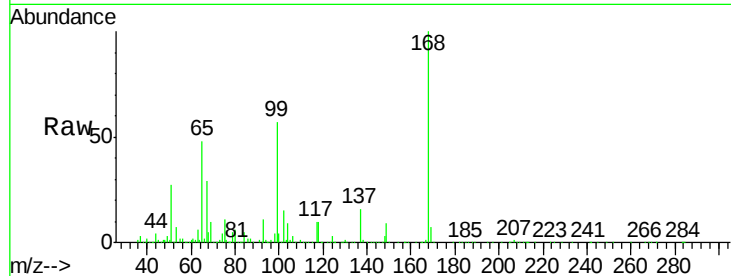
TP-9-S2

Tot Ion: 65 Resp: 179279

Ion Ratio Lower Upper

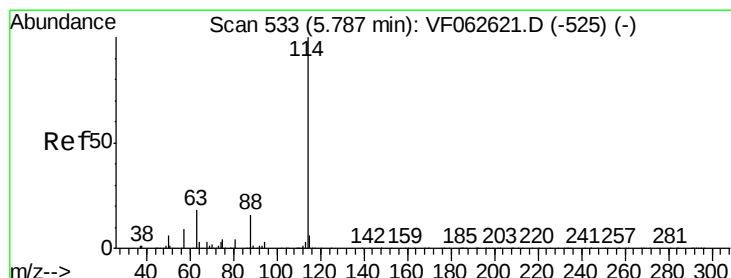
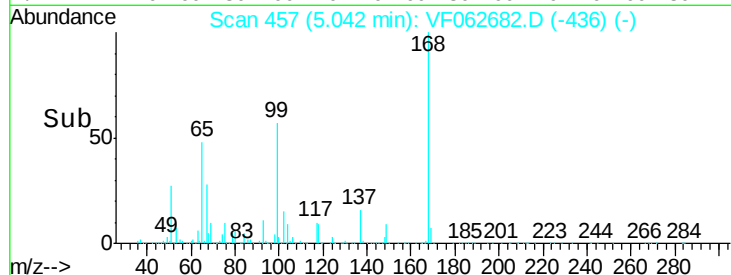
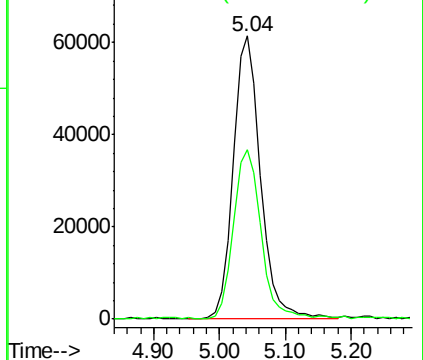
65 100

67 59.7 0.0 117.6



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: 5.78 min Scan# 532

Delta R.T. -0.01 min

Lab File: VF062682.D

Acq: 21 May 2019 14:50

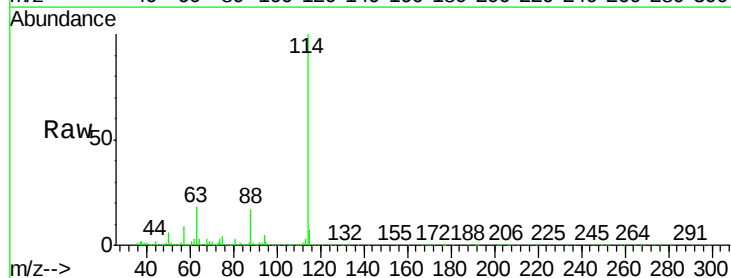
Tgt Ion: 114 Resp: 1187820

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.4

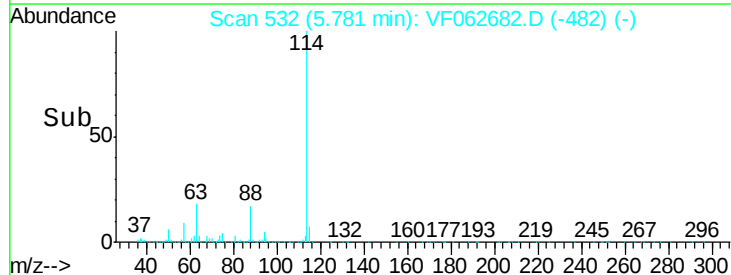
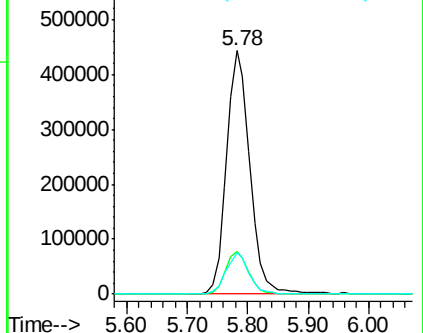
88 16.9 0.0 32.4

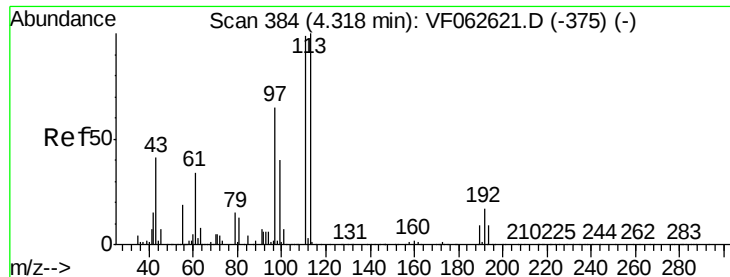


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 36.524 ug/l

RT: 4.31 min Scan# 383

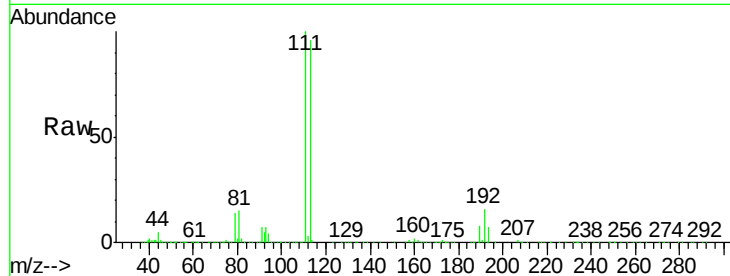
Delta R.T. -0.01 min

Lab File: VF062682.D

Acq: 21 May 2019 14:50

Instrument :
MSVOA_F
ClientSampleId :
TP-9-S2

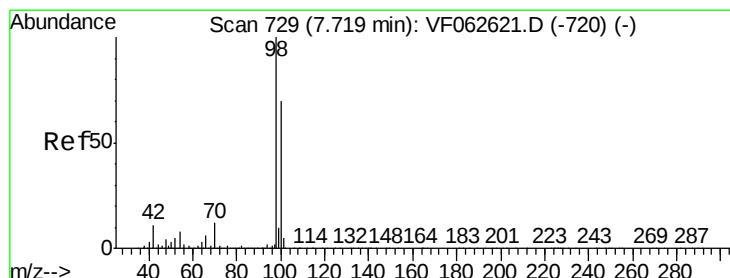
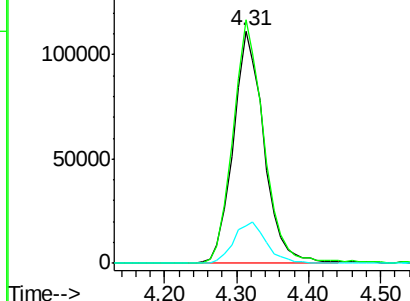
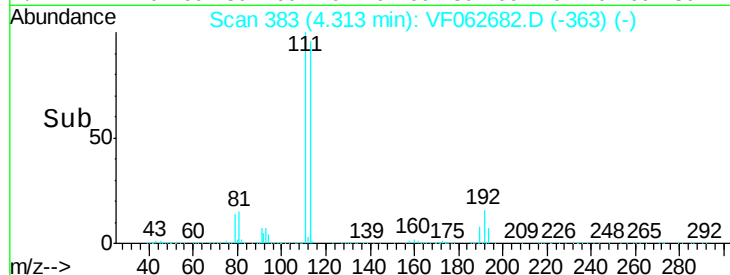
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	79.4	119.2
192	16.4	13.4	20.2



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: 30.025 ug/l

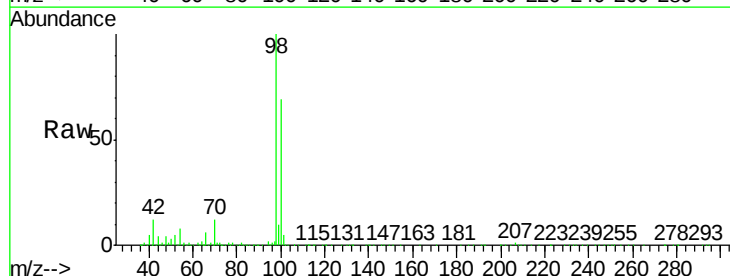
RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF062682.D

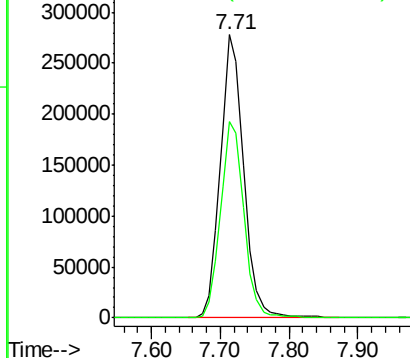
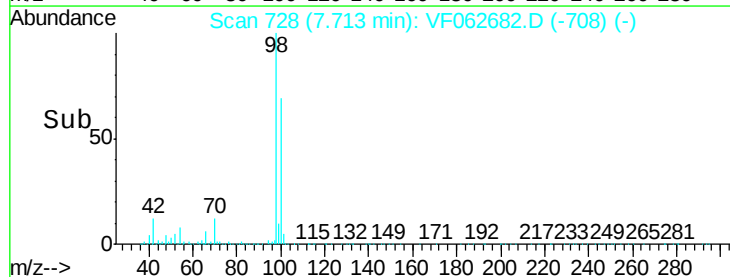
Acq: 21 May 2019 14:50

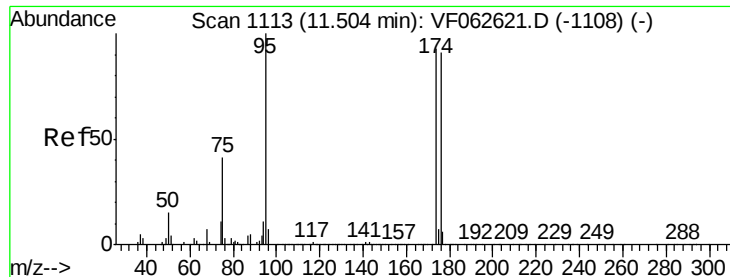
Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.2	56.2	84.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 20.790 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF062682.D

Acq: 21 May 2019 14:50

Instrument :

MSVOA_F

ClientSampled :

TP-9-S2

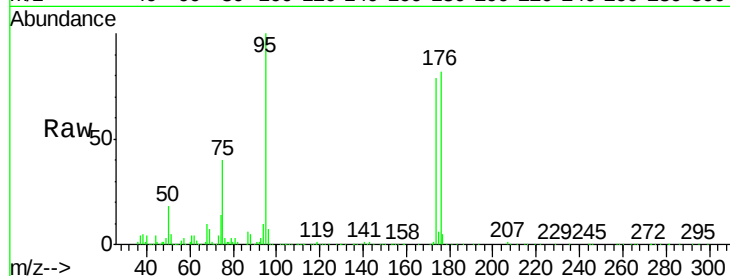
Tot Ion: 95 Resp: 171117

Ion Ratio Lower Upper

95 100

174 78.9 0.0 185.6

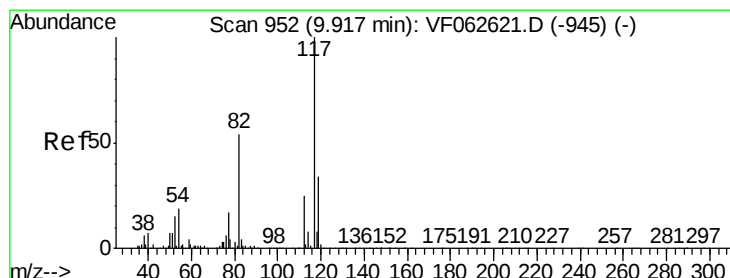
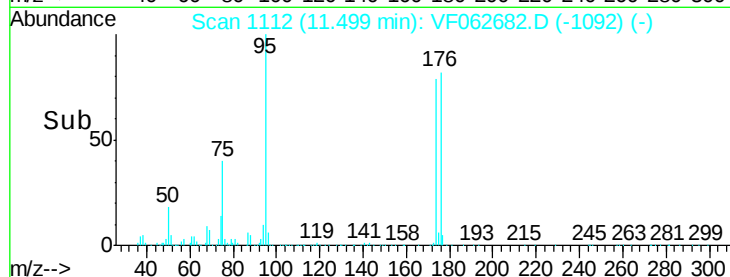
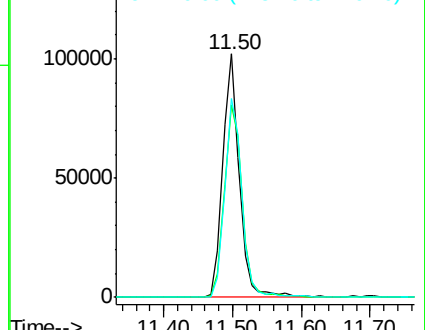
176 81.8 0.0 182.4



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.01 min

Lab File: VF062682.D

Acq: 21 May 2019 14:50

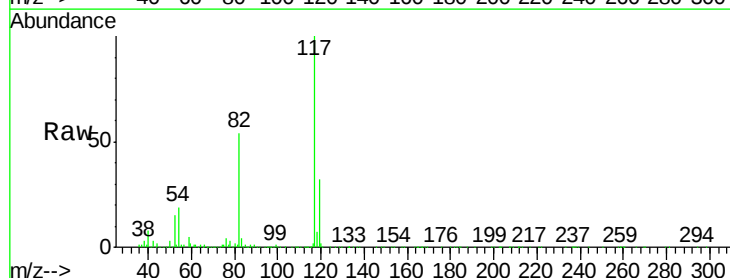
Tgt Ion: 117 Resp: 740698

Ion Ratio Lower Upper

117 100

82 54.0 43.3 64.9

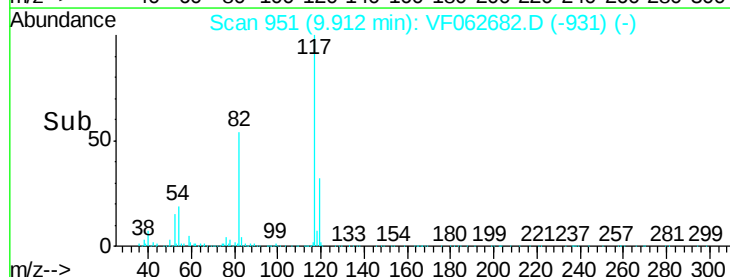
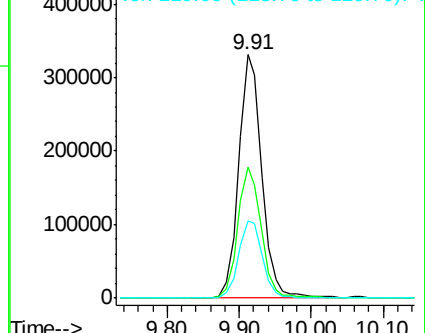
119 31.9 27.4 41.0

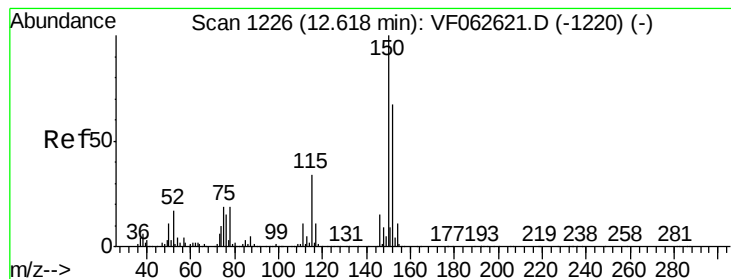


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062682.D

Acq: 21 May 2019 14:50

Instrument :

MSVOA_F

ClientSampleId :

TP-9-S2

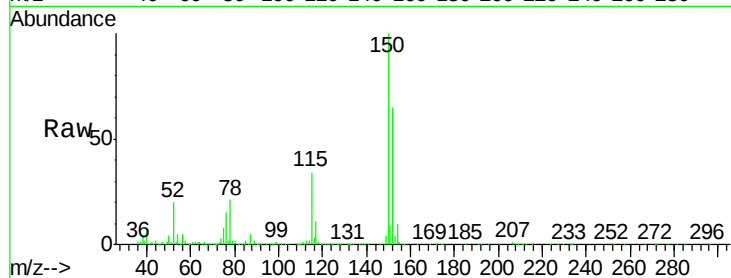
Tot Ion:152 Resp: 207896

Ion Ratio Lower Upper

152 100

115 52.4 25.2 75.6

150 152.7 0.0 306.2



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

