

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061219\
 Data File : VF062932.D
 Acq On : 12 Jun 2019 17:21
 Operator : FY/SY
 Sample : K3282-01RE
 Misc : 5.37g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 25082-2022RE

Quant Time: Jun 13 09:02:39 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	110742	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	167704	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	146099	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	48847	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	34701	45.31	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	90.62%	
35) Dibromofluoromethane	4.32	113	68837	54.32	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.64%	
50) Toluene-d8	7.71	98	144969	45.24	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	90.48%	
62) 4-Bromofluorobenzene	11.50	95	48827	42.36	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	84.72%	

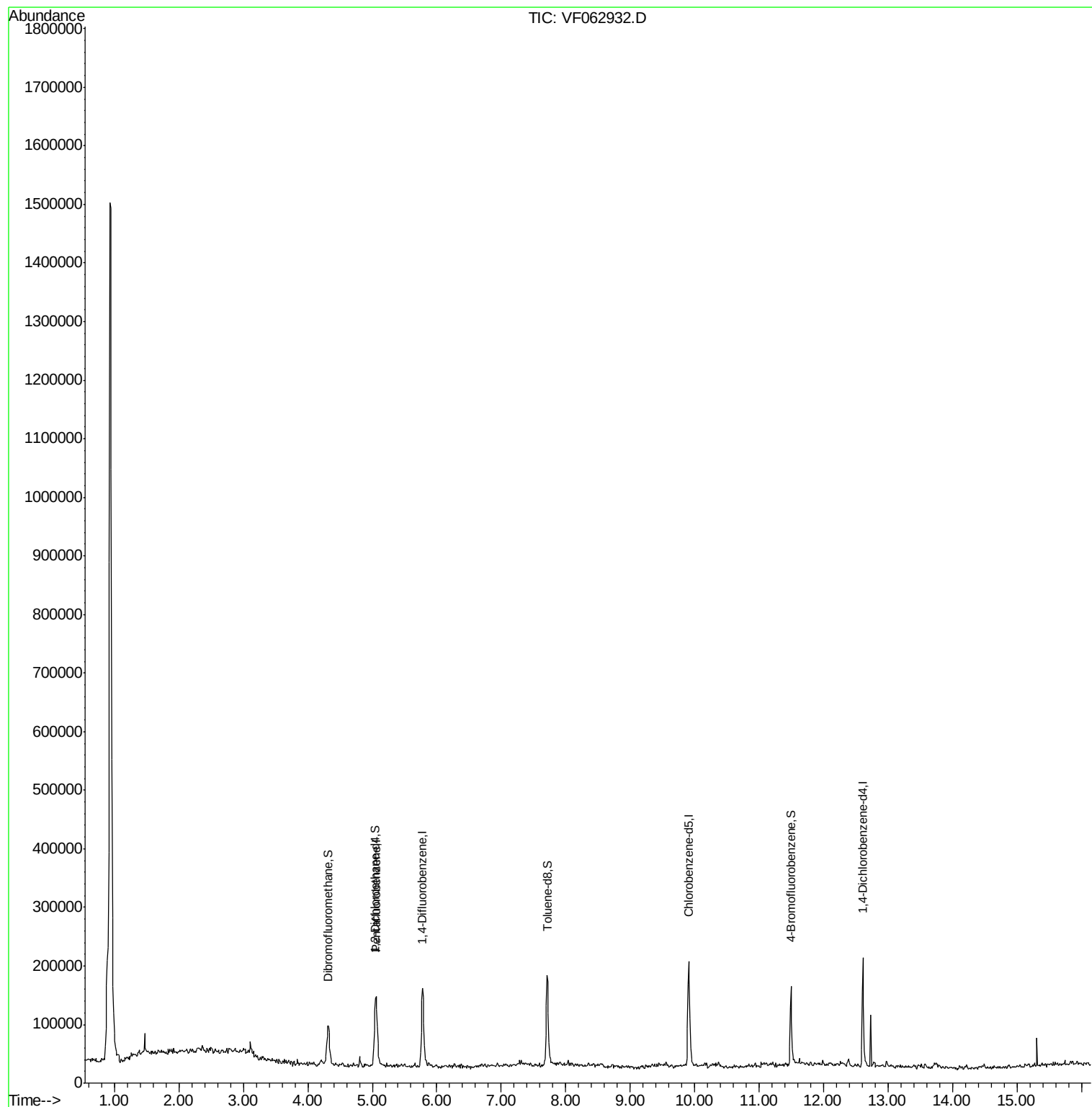
Target Compounds	Qvalue

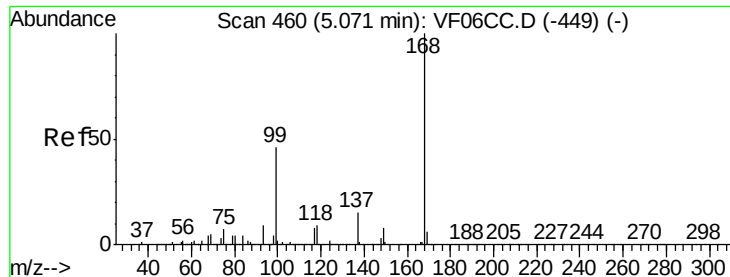
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VF062932.D

Acq: 12 Jun 2019 17:21

Instrument :

MSVOA_F

ClientSampleId :

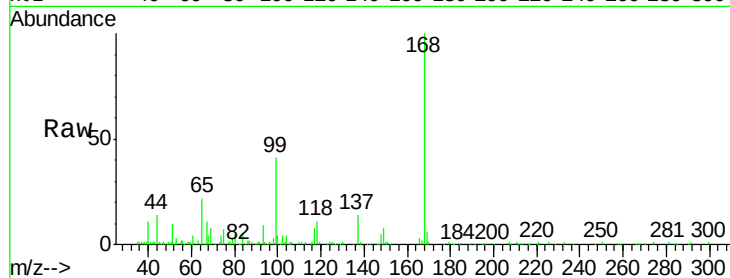
25082-2022RE

Tot Ion:168 Resp: 110742

Ion Ratio Lower Upper

168 100

99 40.9 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

40000

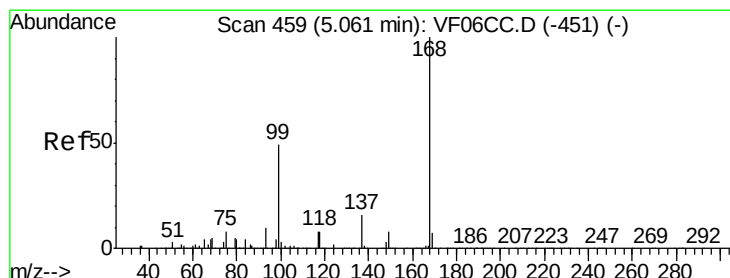
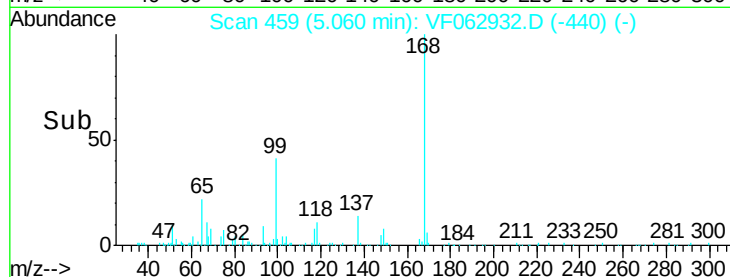
30000

20000

10000

0

Time--> 4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 45.314 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF062932.D

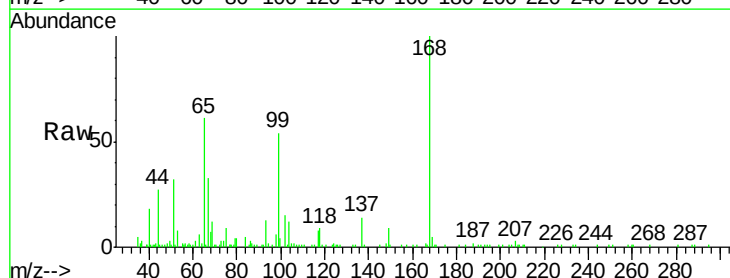
Acq: 12 Jun 2019 17:21

Tgt Ion: 65 Resp: 34701

Ion Ratio Lower Upper

65 100

67 54.6 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

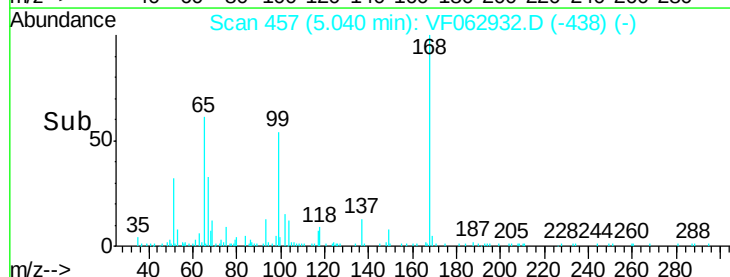
5.04

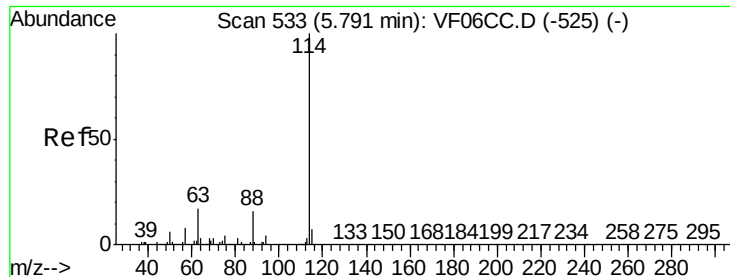
10000

5000

0

Time--> 4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.02 min

Lab File: VF062932.D

Acq: 12 Jun 2019 17:21

Instrument :

MSVOA_F

ClientSampleId :

25082-2022RE

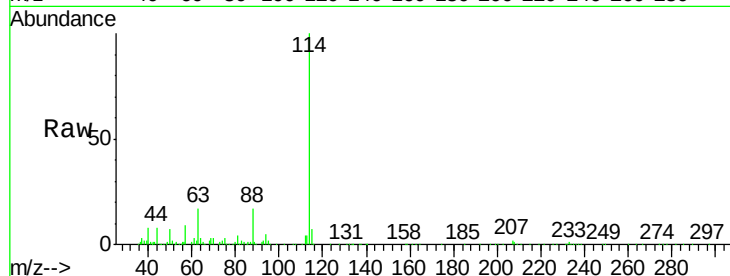
Tot Ion:114 Resp: 167704

Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.2

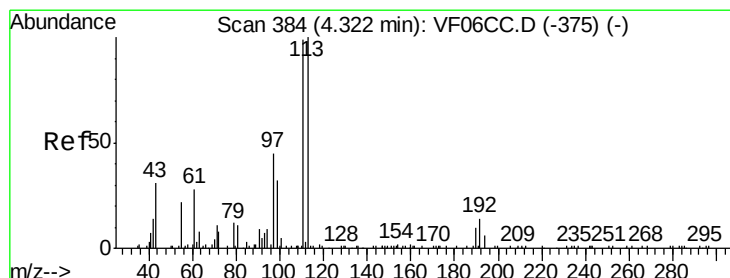
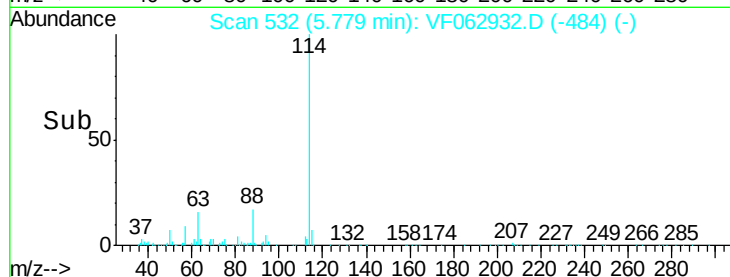
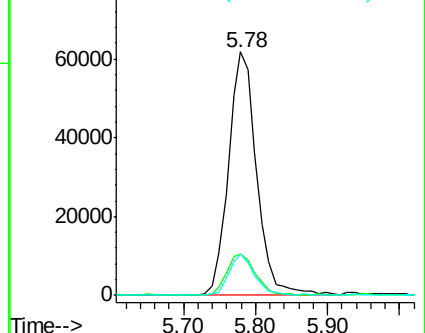
88 17.3 0.0 31.2



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



#35

Dibromofluoromethane

Concen: 54.320 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.01 min

Lab File: VF062932.D

Acq: 12 Jun 2019 17:21

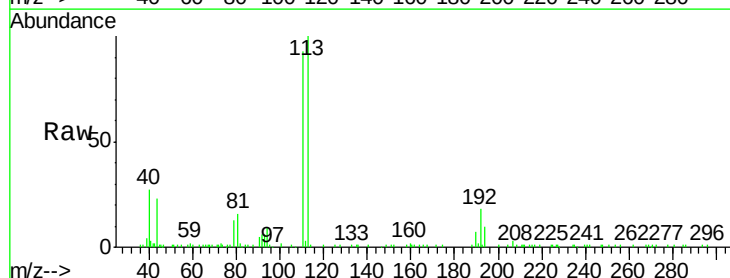
Tgt Ion:113 Resp: 68837

Ion Ratio Lower Upper

113 100

111 93.1 81.9 122.9

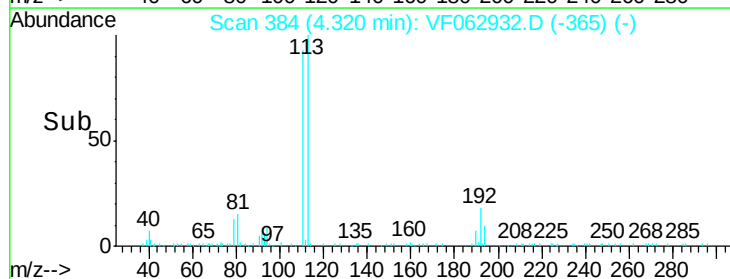
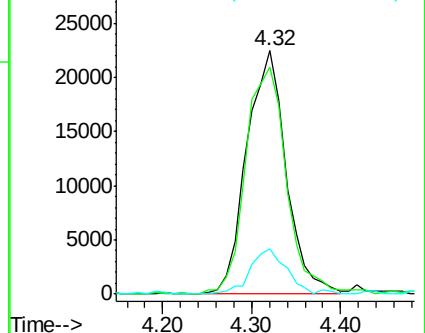
192 18.4 15.1 22.7

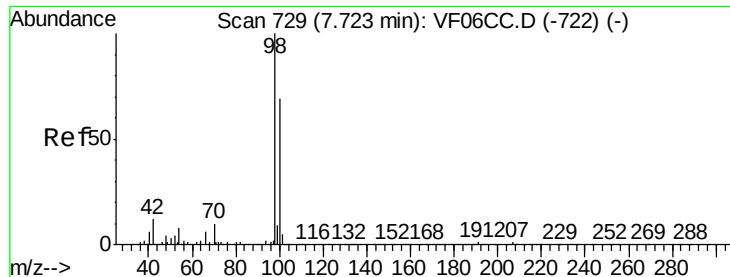


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

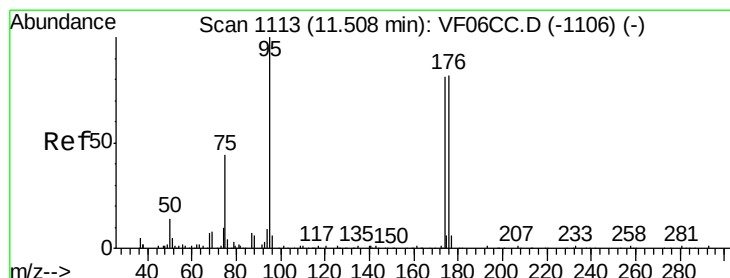
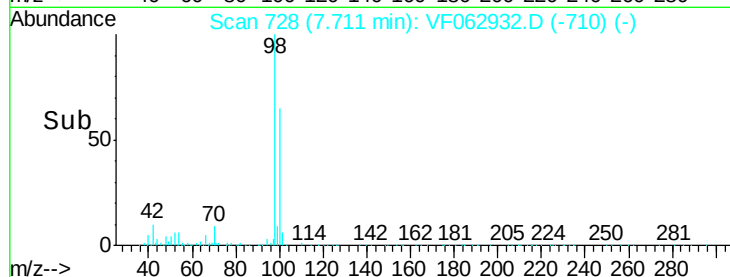
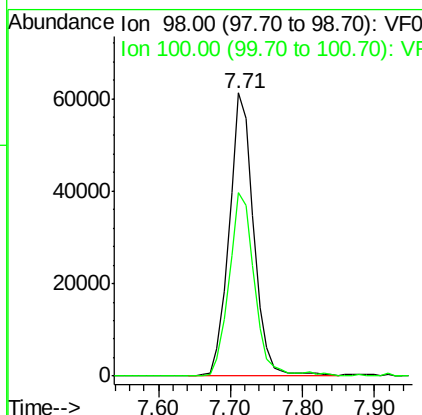
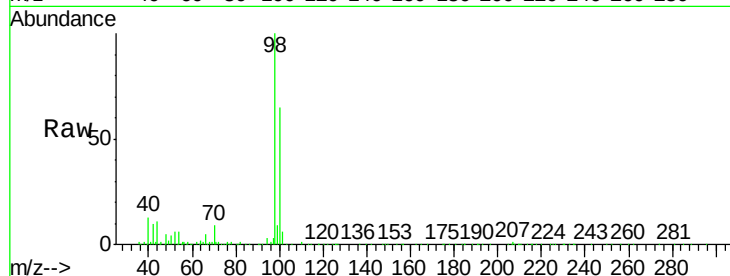




#50
Toluene-d8
Concen: 45.238 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.02 min
Lab File: VF062932.D
Acq: 12 Jun 2019 17:21

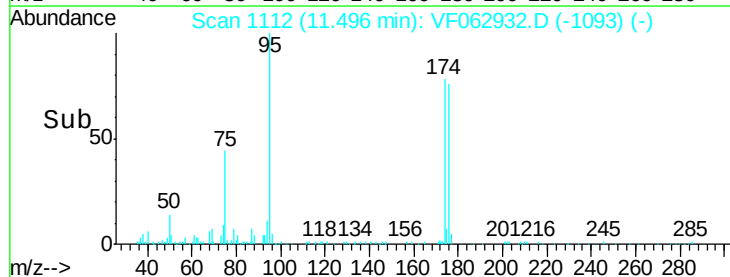
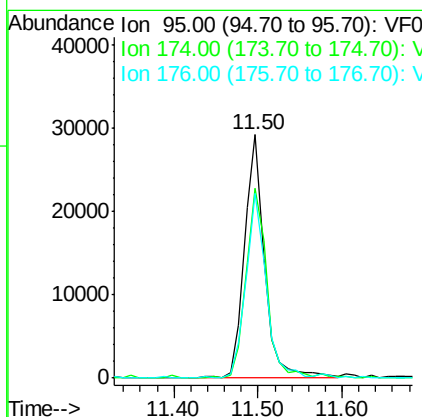
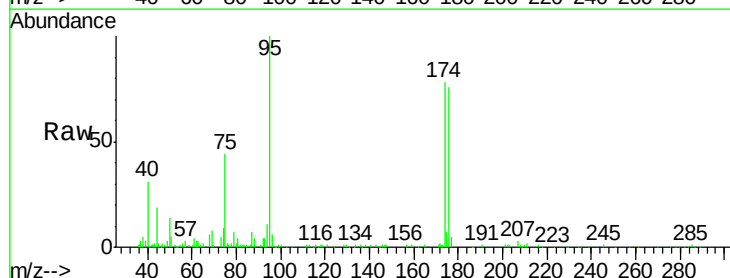
Instrument :
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ClientSampleId :
25082-2022RE

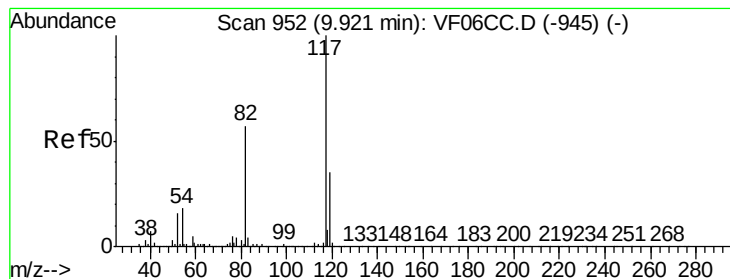
Tot Ion: 98 Resp: 144969
Ion Ratio Lower Upper
98 100
100 64.7 59.8 89.8



#62
4-Bromofluorobenzene
Concen: 42.358 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF062932.D
Acq: 12 Jun 2019 17:21

Tgt Ion: 95 Resp: 48827
Ion Ratio Lower Upper
95 100
174 78.1 0.0 170.6
176 76.0 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: VF062932.D

Acq: 12 Jun 2019 17:21

Instrument :

MSVOA_F

ClientSampleId :

25082-2022RE

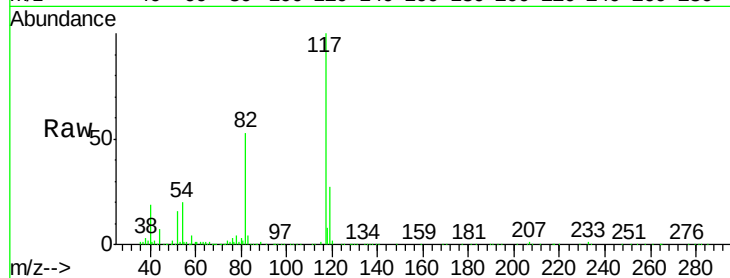
Tot Ion:117 Resp: 146099

Ion Ratio Lower Upper

117 100

82 52.6 42.4 63.6

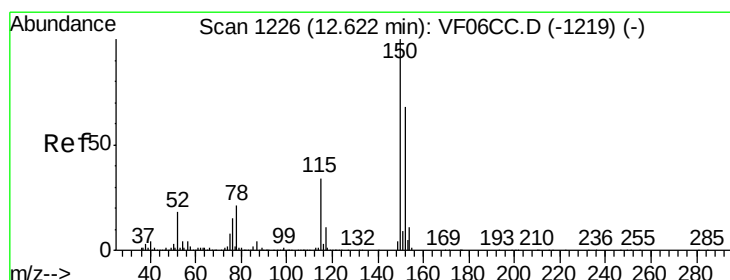
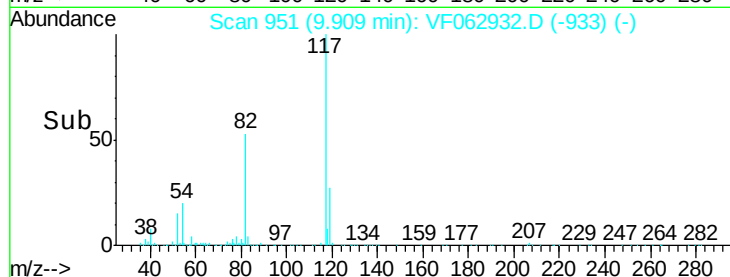
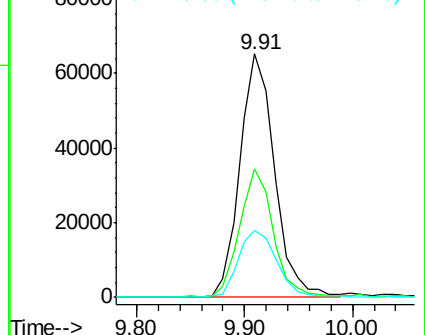
119 27.3 27.1 40.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

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: VF062932.D

Acq: 12 Jun 2019 17:21

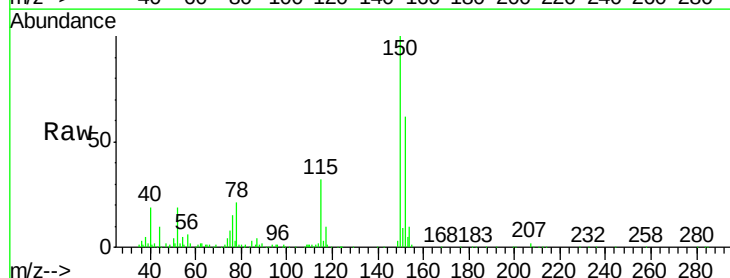
Tgt Ion:152 Resp: 48847

Ion Ratio Lower Upper

152 100

115 51.9 24.6 74.0

150 162.6 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

