

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062546.D
 Acq On : 13 May 2019 17:19
 Operator : FY/SY
 Sample : K2759-02
 Misc : 2.55g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-0D015-03-004

Quant Time: May 14 07:39:08 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	82425	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	84839	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	54199	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.63	152	20243	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	12395	15.91	ug/l	0.03
Spiked Amount			Recovery	=	31.82%	
35) Dibromofluoromethane	4.32	113	1834	2.71	ug/l	0.02
Spiked Amount			Recovery	=	5.42%	
50) Toluene-d8	7.73	98	61730	37.73	ug/l	0.03
Spiked Amount			Recovery	=	75.46%	
62) 4-Bromofluorobenzene	11.51	95	16664	22.58	ug/l	0.02
Spiked Amount			Recovery	=	45.16%	

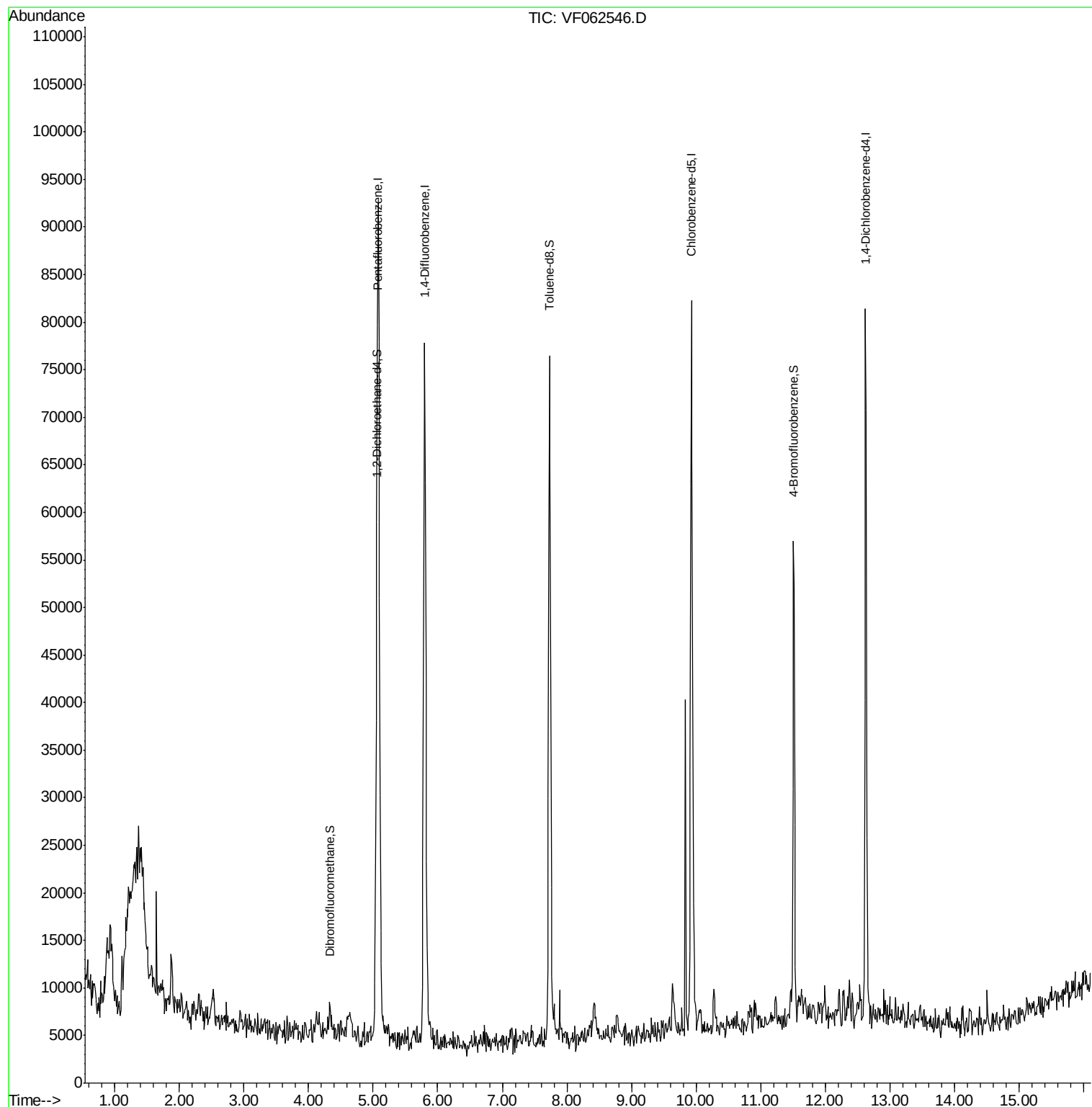
Target Compounds	Qvalue
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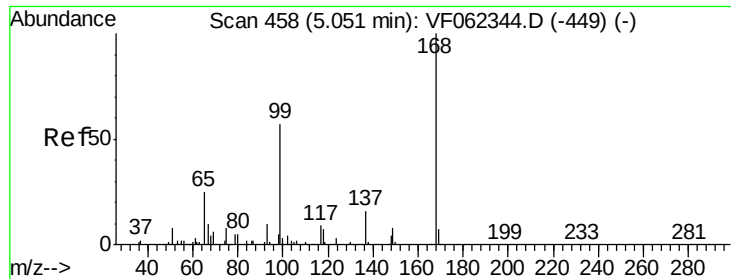
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.03 min

Lab File: VF062546.D

Acq: 13 May 2019 17:19

Instrument :

MSVOA_F

ClientSampleId :

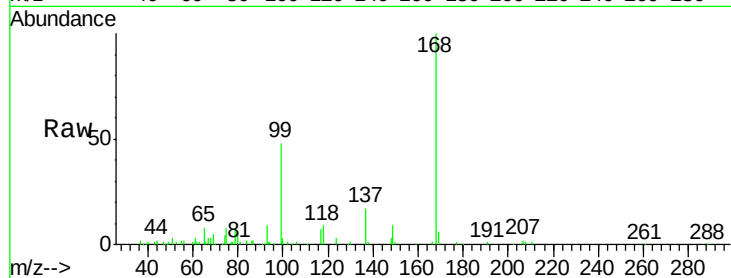
FK-0D015-03-004

Tot Ion:168 Resp: 82425

Ion Ratio Lower Upper

168 100

99 47.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.08

30000

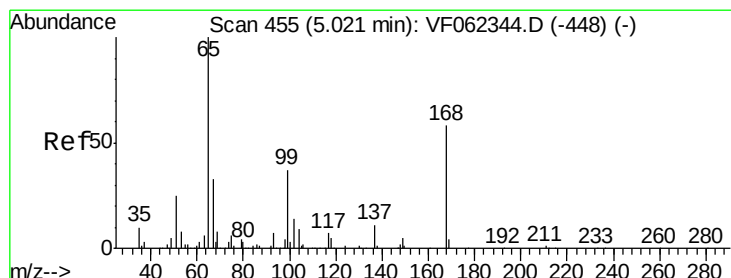
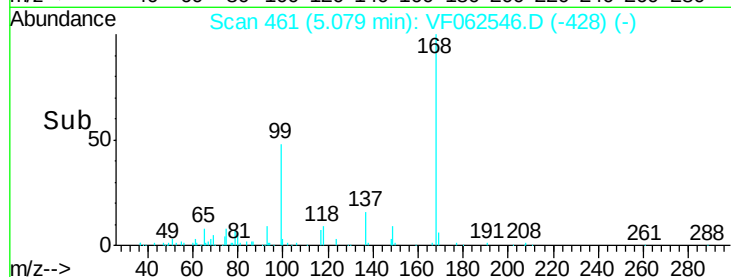
20000

10000

0

Time-->

5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 15.912 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062546.D

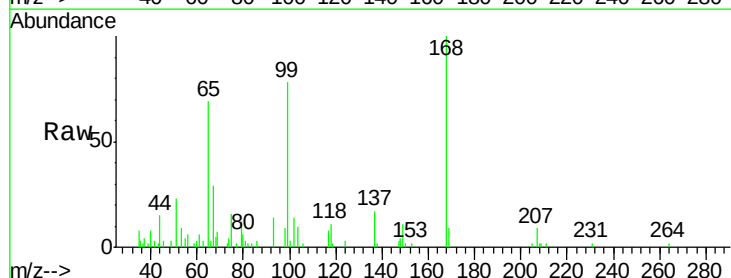
Acq: 13 May 2019 17:19

Tgt Ion: 65 Resp: 12395

Ion Ratio Lower Upper

65 100

67 47.9 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.05

5000

4000

3000

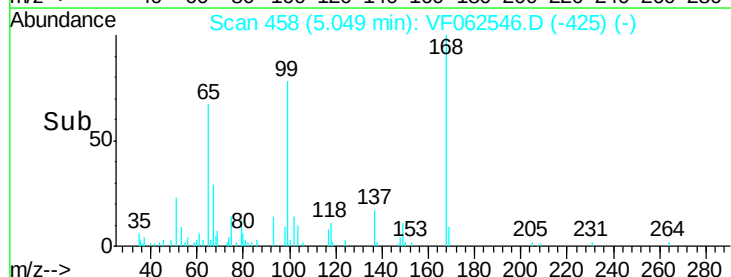
2000

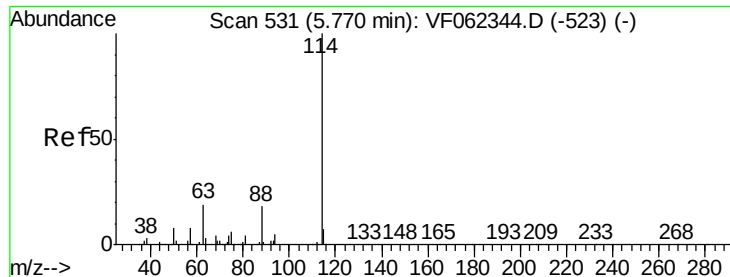
1000

0

Time-->

5.00 5.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.03 min

Lab File: VF062546.D

Acq: 13 May 2019 17:19

Instrument :

MSVOA_F

ClientSampleId :

FK-0D015-03-004

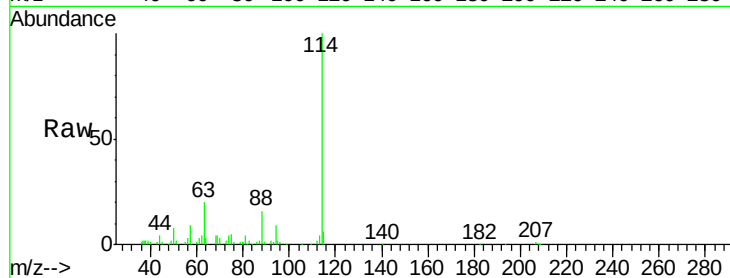
Tot Ion:114 Resp: 84839

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

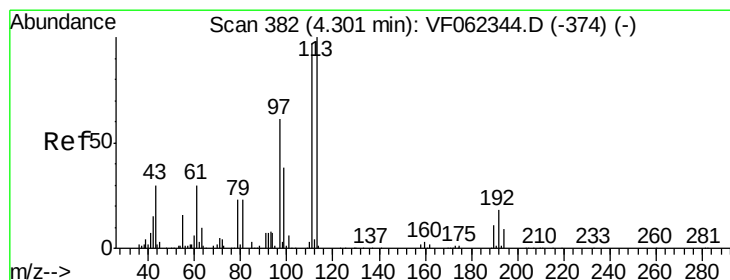
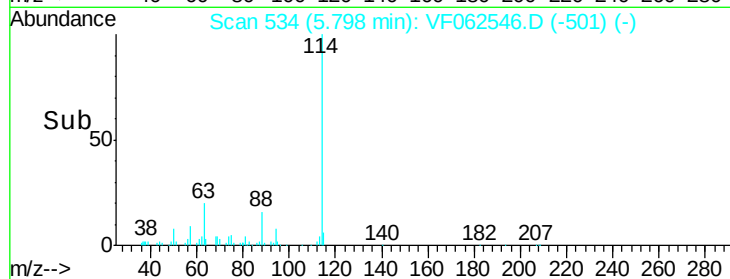
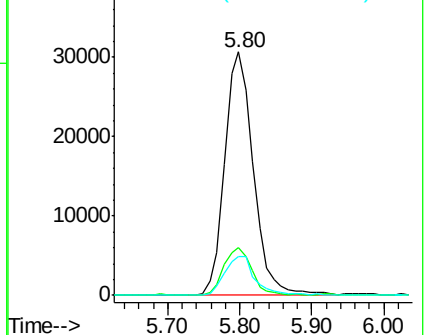
88 15.8 0.0 36.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0



#35

Dibromofluoromethane

Concen: 2.713 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.02 min

Lab File: VF062546.D

Acq: 13 May 2019 17:19

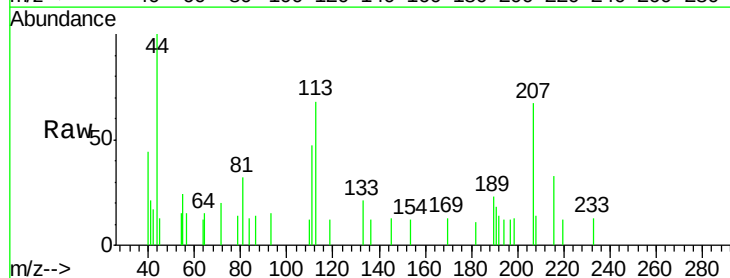
Tgt Ion:113 Resp: 1834

Ion Ratio Lower Upper

113 100

111 101.7 79.4 119.0

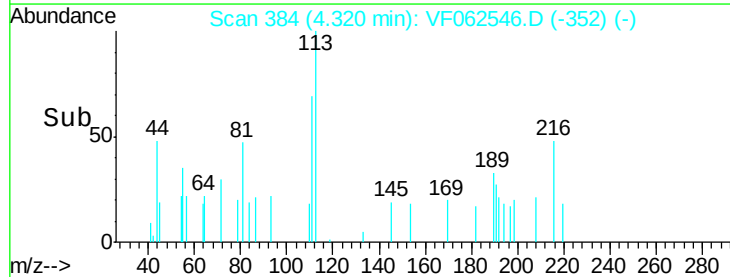
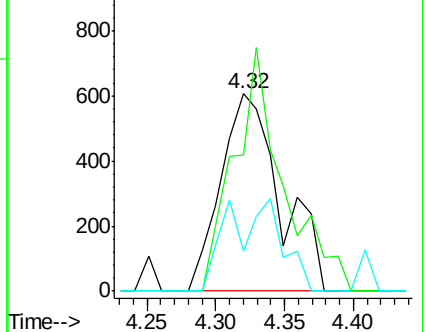
192 17.4 16.0 24.0

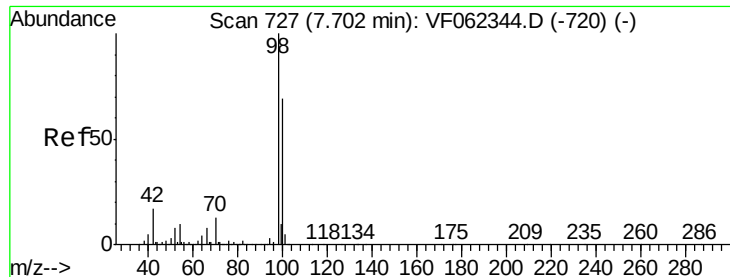


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

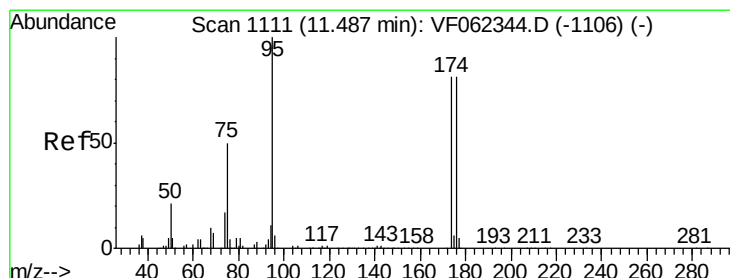
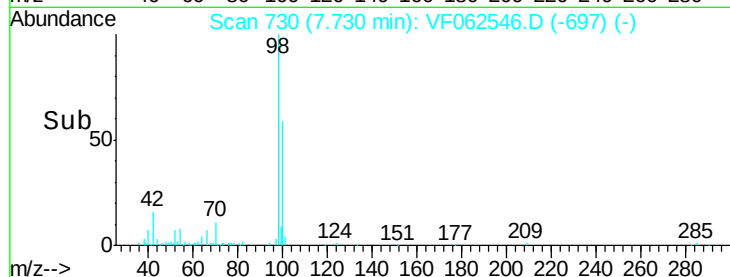
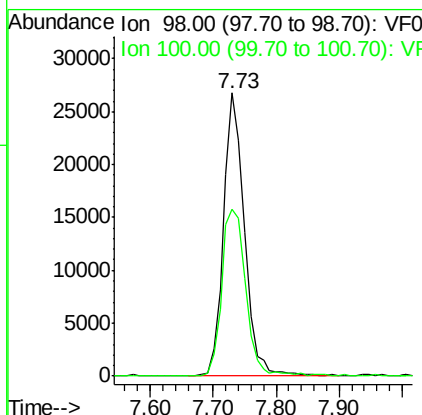
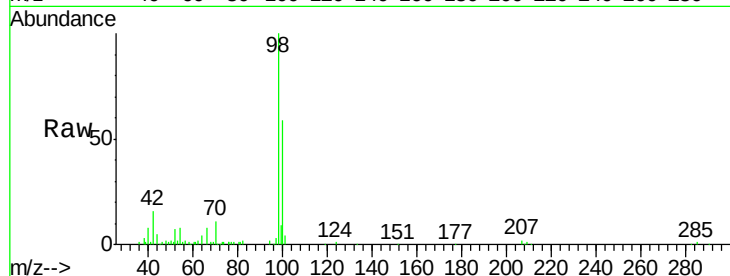




#50
Toluene-d8
Concen: 37.730 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.03 min
Lab File: VF062546.D
Acq: 13 May 2019 17:19

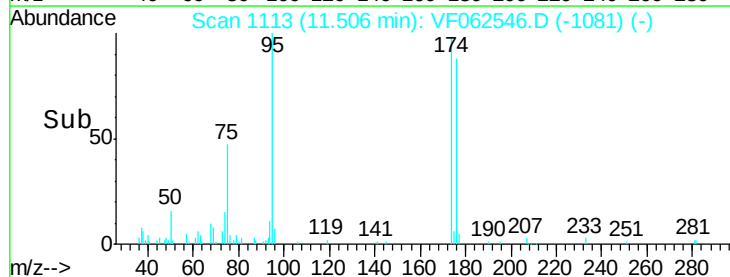
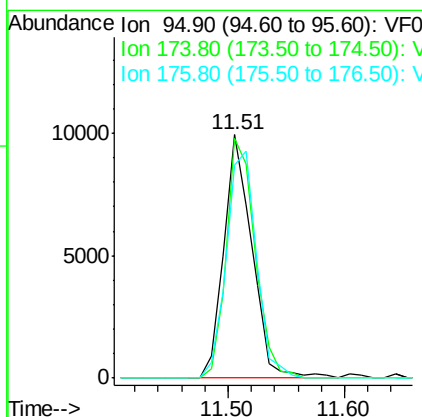
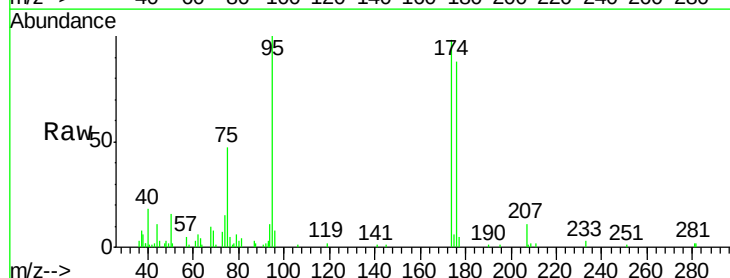
Instrument :
MSVOA_F
ClientSampleId :
FK-0D015-03-004

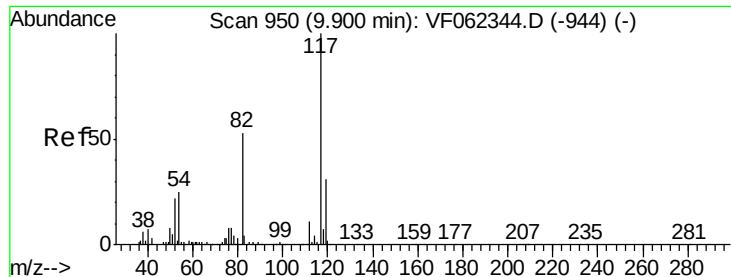
Tot Ion: 98 Resp: 61730
Ion Ratio Lower Upper
98 100
100 67.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 22.575 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062546.D
Acq: 13 May 2019 17:19

Tgt Ion: 95 Resp: 16664
Ion Ratio Lower Upper
95 100
174 100.2 0.0 191.8
176 99.7 0.0 193.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. 0.03 min

Lab File: VF062546.D

Acq: 13 May 2019 17:19

Instrument :

MSVOA_F

ClientSampleId :

FK-0D015-03-004

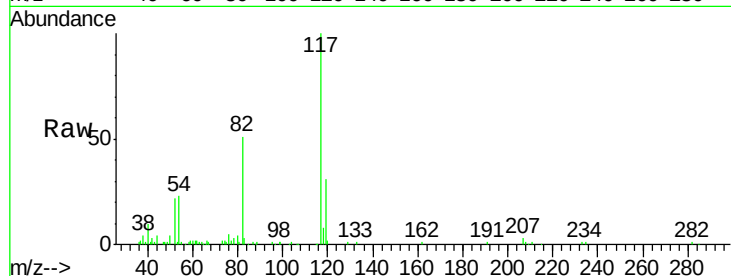
Tot Ion:117 Resp: 54199

Ion Ratio Lower Upper

117 100

82 51.3 42.2 63.2

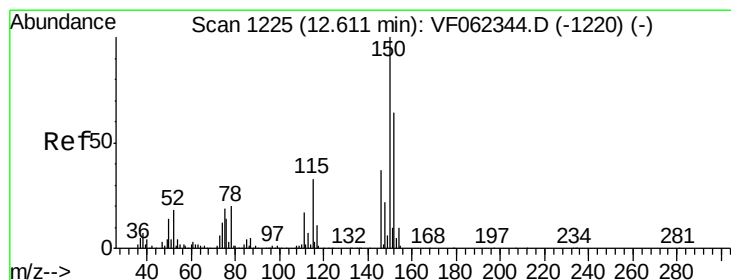
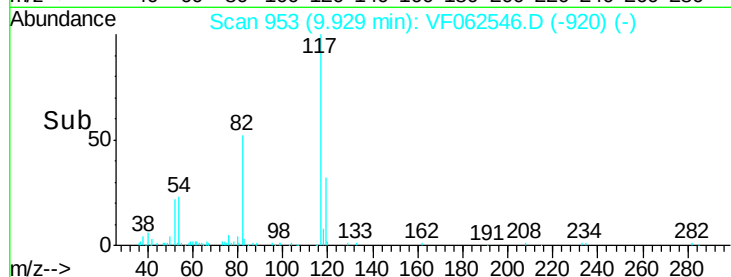
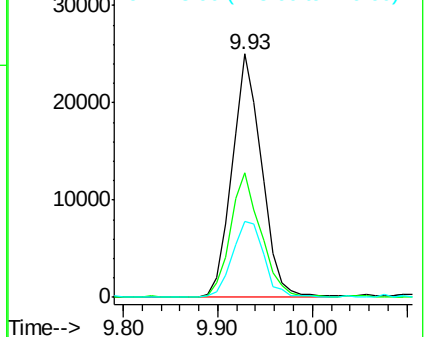
119 31.4 25.0 37.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. 0.02 min

Lab File: VF062546.D

Acq: 13 May 2019 17:19

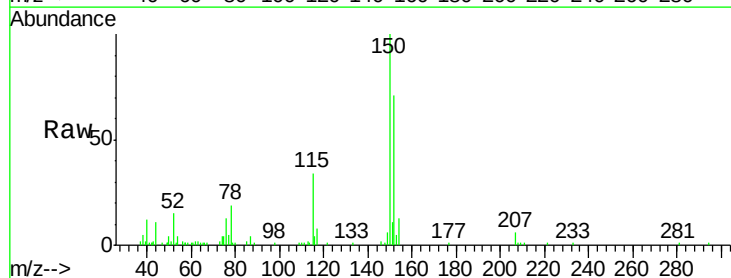
Tgt Ion:152 Resp: 20243

Ion Ratio Lower Upper

152 100

115 54.6 26.4 79.2

150 153.9 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

