

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032219\
 Data File : VF062097.D
 Acq On : 23 Mar 2019 00:34
 Operator : VA/AP
 Sample : K2050-02
 Misc : 3.02g/5mL/MSVOA-F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CS-4

Quant Time: Mar 23 06:52:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	64056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.62	114	81479	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	39692	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	9454	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	12586	26.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.84%	
35) Dibromofluoromethane	4.14	113	23562	42.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.50%	
50) Toluene-d8	7.57	98	64891	39.44	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	78.88%	
62) 4-Bromofluorobenzene	11.43	95	12889	20.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.58%	

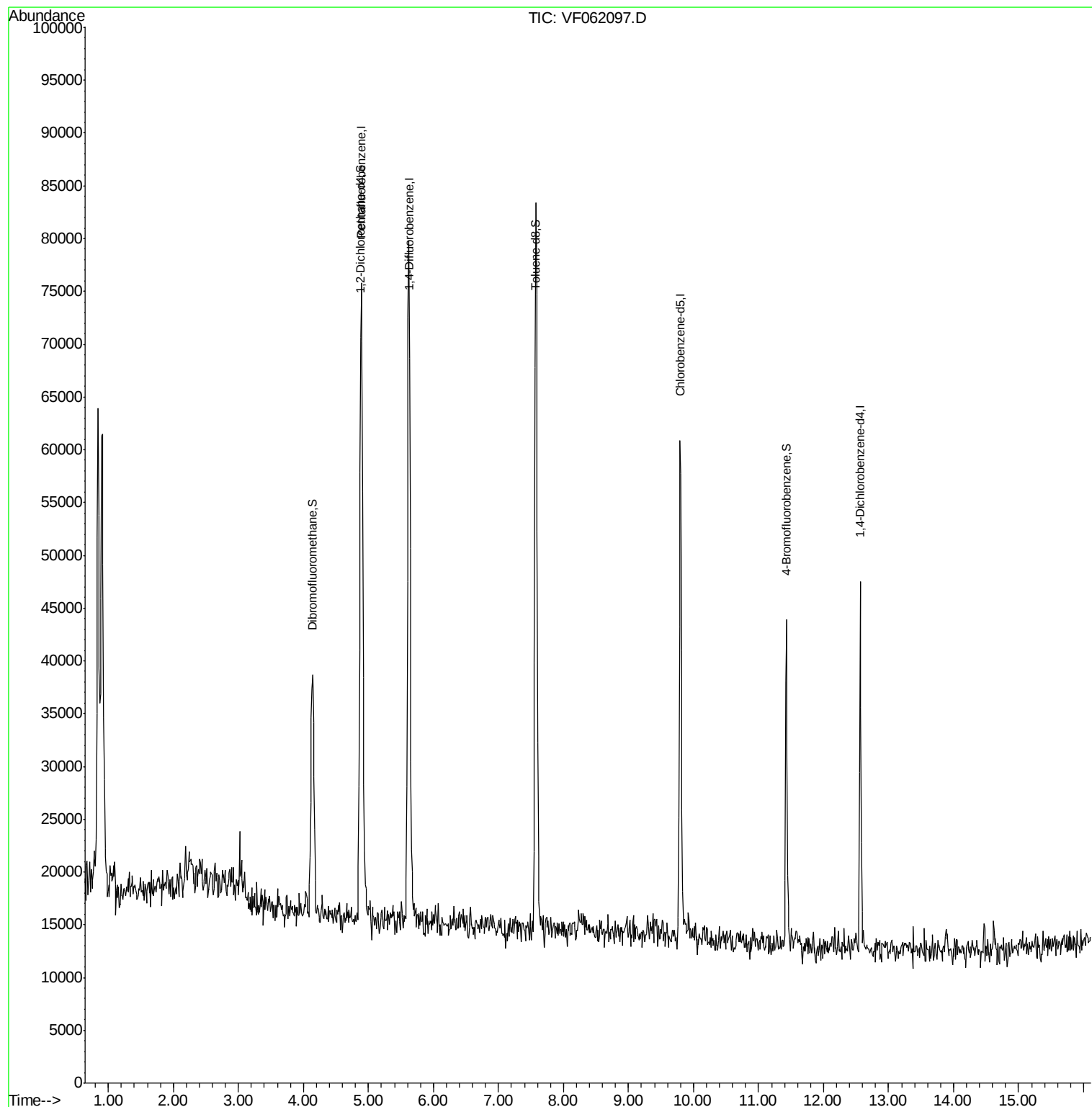
Target Compounds	Qvalue

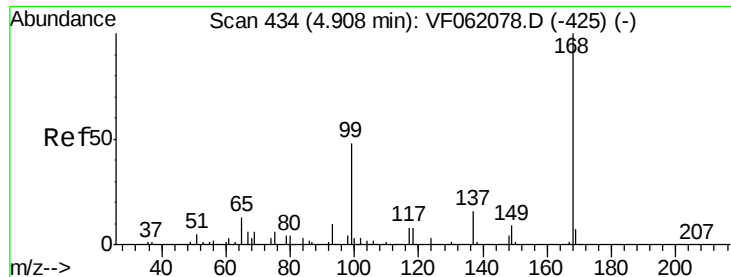
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.90 min Scan# 433

Delta R.T. -0.01 min

Lab File: VF062097.D

Acq: 23 Mar 2019 00:34

Instrument :

MSVOA_F

ClientSampleId :

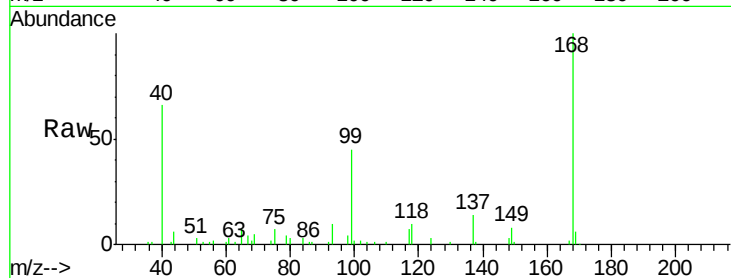
CS-4

Tot Ion:168 Resp: 64056

Ion Ratio Lower Upper

168 100

99 45.0 38.2 57.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.90

20000

15000

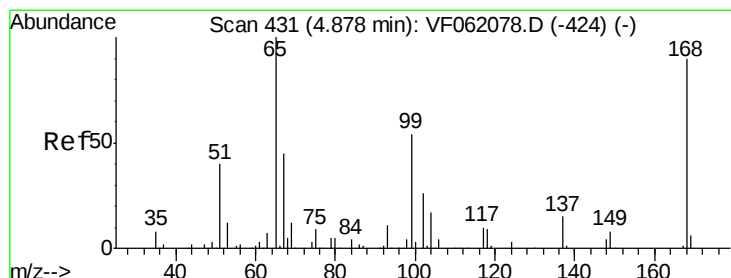
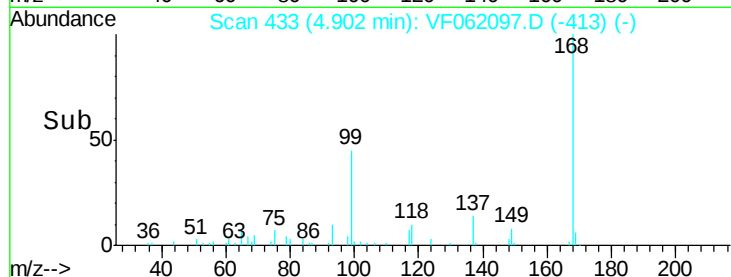
10000

5000

0

Time-->

4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 26.416 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF062097.D

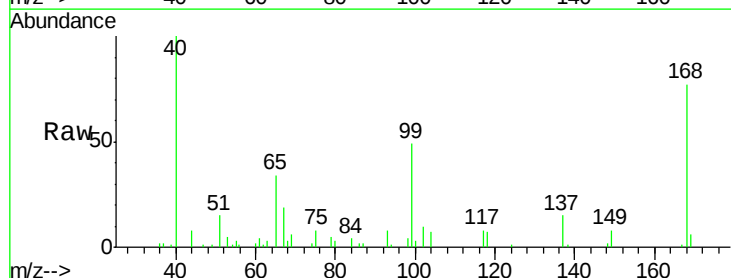
Acq: 23 Mar 2019 00:34

Tgt Ion: 65 Resp: 12586

Ion Ratio Lower Upper

65 100

67 55.4 0.0 106.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.87

5000

4000

3000

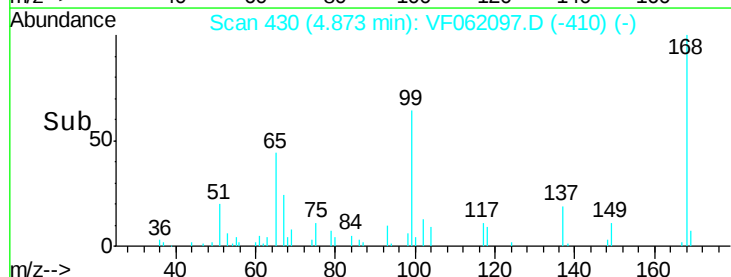
2000

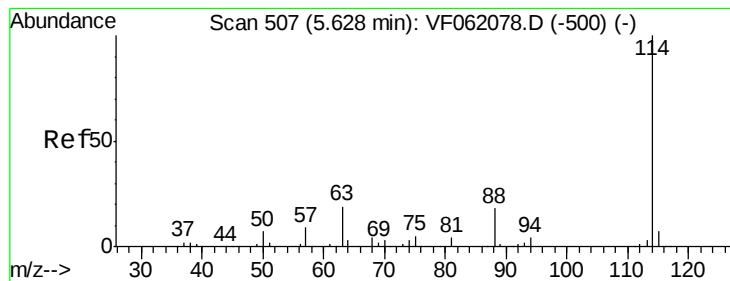
1000

0

Time-->

4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. -0.01 min

Lab File: VF062097.D

Acq: 23 Mar 2019 00:34

Instrument :

MSVOA_F

ClientSampleId :

CS-4

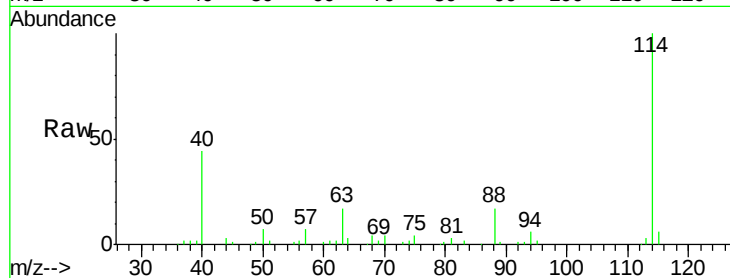
Tot Ion:114 Resp: 81479

Ion Ratio Lower Upper

114 100

63 17.3 0.0 37.8

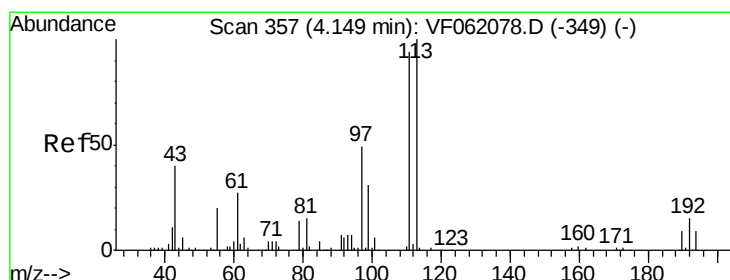
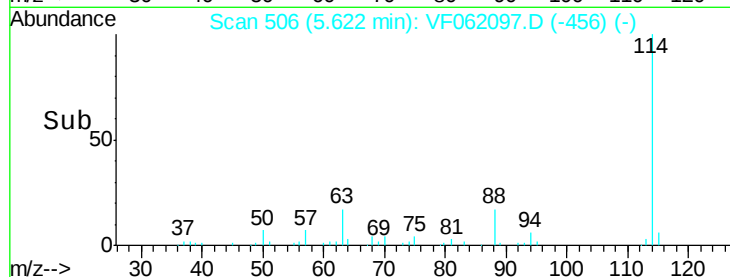
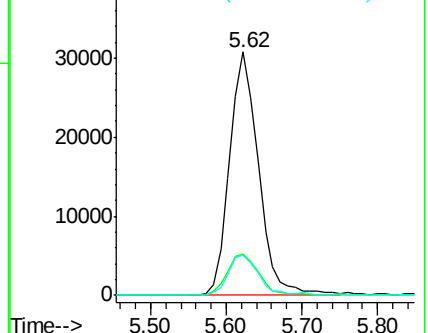
88 16.5 0.0 36.4



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: 42.749 ug/l

RT: 4.14 min Scan# 356

Delta R.T. -0.01 min

Lab File: VF062097.D

Acq: 23 Mar 2019 00:34

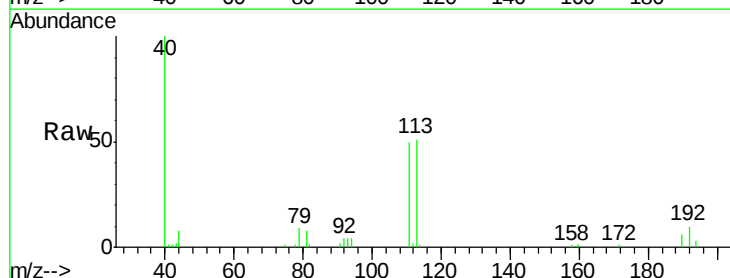
Tgt Ion:113 Resp: 23562

Ion Ratio Lower Upper

113 100

111 97.5 75.4 113.0

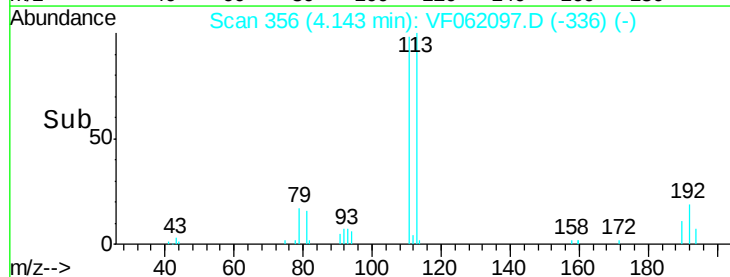
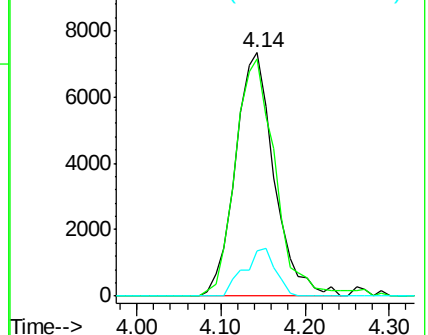
192 18.8 12.3 18.5#

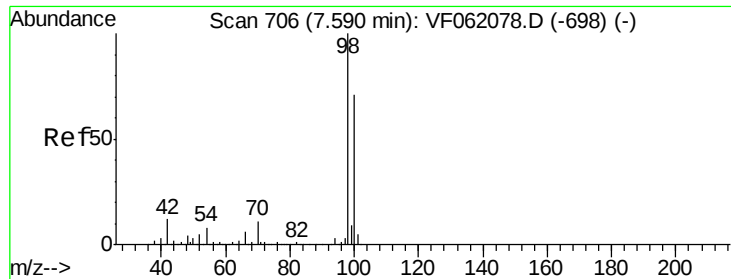


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 39.441 ug/l

RT: 7.57 min Scan# 704

Delta R.T. -0.02 min

Lab File: VF062097.D

Acq: 23 Mar 2019 00:34

Instrument :

MSVOA_F

ClientSampleId :

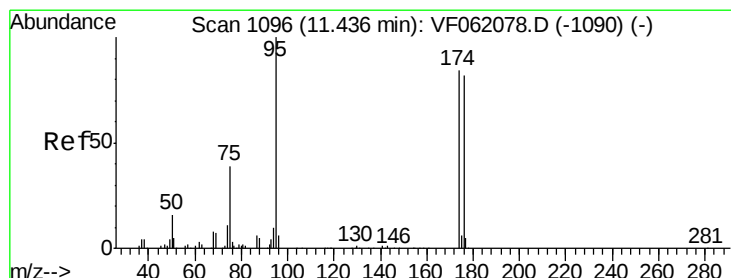
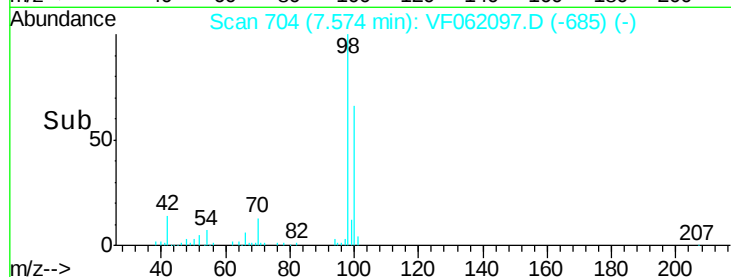
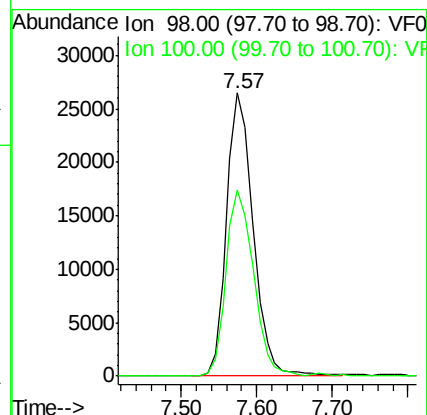
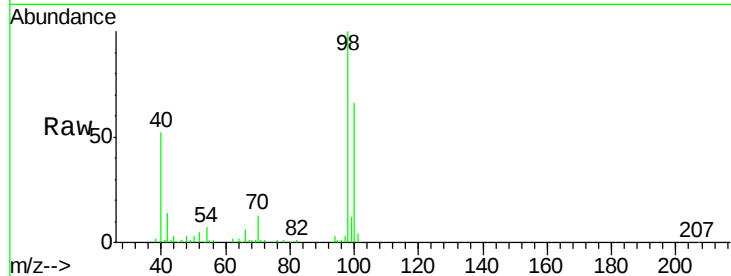
CS-4

Tot Ion: 98 Resp: 64891

Ion Ratio Lower Upper

98 100

100 65.5 57.0 85.6



#62

4-Bromofluorobenzene

Concen: 20.292 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. -0.01 min

Lab File: VF062097.D

Acq: 23 Mar 2019 00:34

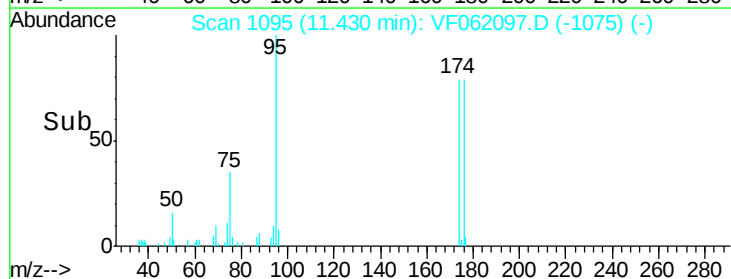
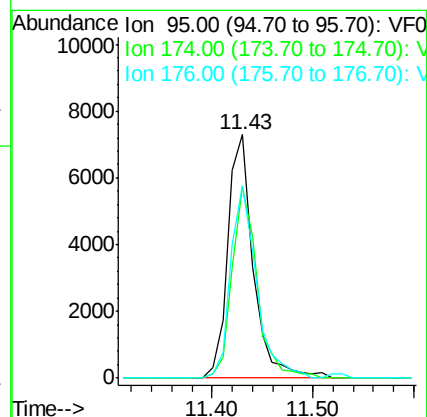
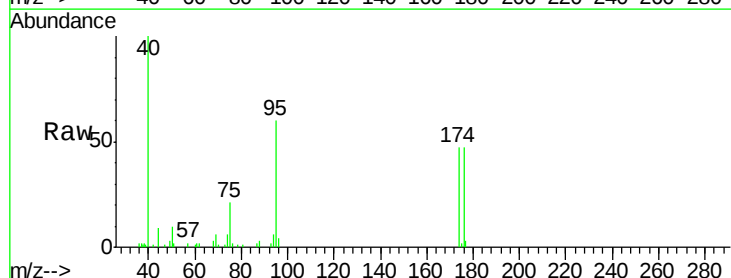
Tgt Ion: 95 Resp: 12889

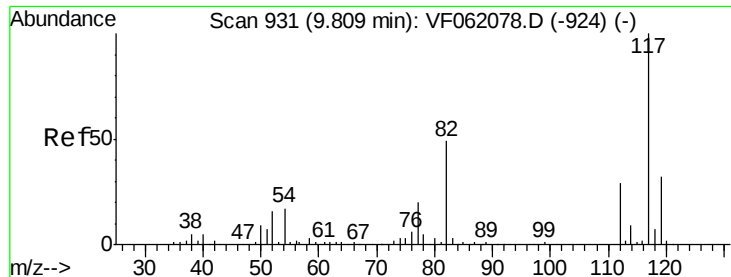
Ion Ratio Lower Upper

95 100

174 78.7 0.0 168.2

176 79.0 0.0 164.2

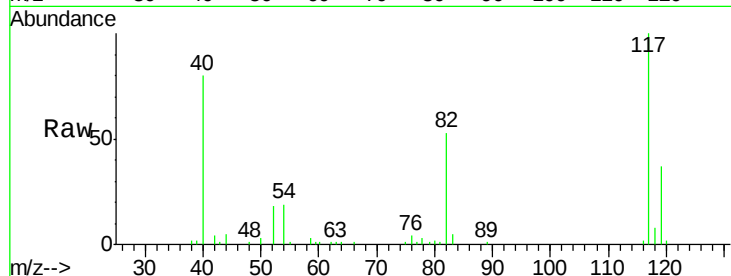




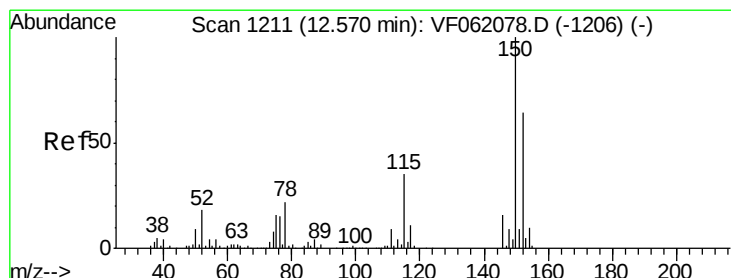
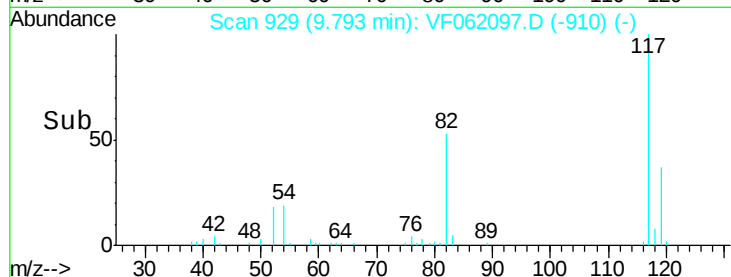
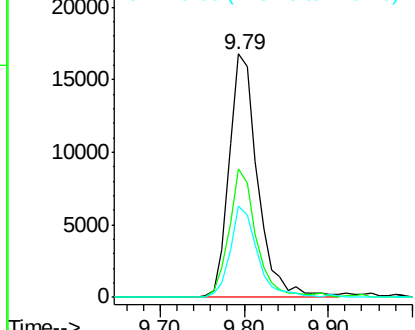
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF062097.D
Acq: 23 Mar 2019 00:34

Instrument :
MSVOA_F
ClientSampleId :
CS-4

Tot Ion:117 Resp: 39692
Ion Ratio Lower Upper
117 100
82 52.6 39.2 58.8
119 37.3 25.4 38.2

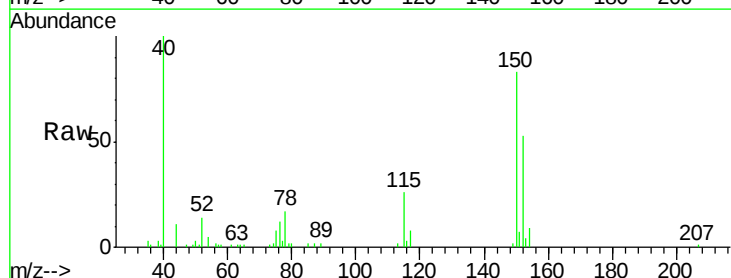


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF062097.D
Acq: 23 Mar 2019 00:34

Tgt Ion:152 Resp: 9454
Ion Ratio Lower Upper
152 100
115 48.6 27.7 83.1
150 158.4 0.0 313.2



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

