

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050919\
 Data File : VF062413.D
 Acq On : 9 May 2019 23:22
 Operator : FY/SY
 Sample : K2750-03
 Misc : 1.00g/5mL/MSVOA F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 72-11995

Quant Time: May 10 04:12:02 2019
 Quant Method : Z:\VOASRV\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	5.05	168	200387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	235027	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	134143	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	57556	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	121297	64.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.10%	
35) Dibromofluoromethane	4.30	113	140941	75.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.54%	
50) Toluene-d8	7.70	98	168257	37.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.24%	
62) 4-Bromofluorobenzene	11.49	95	70472	34.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.92%	

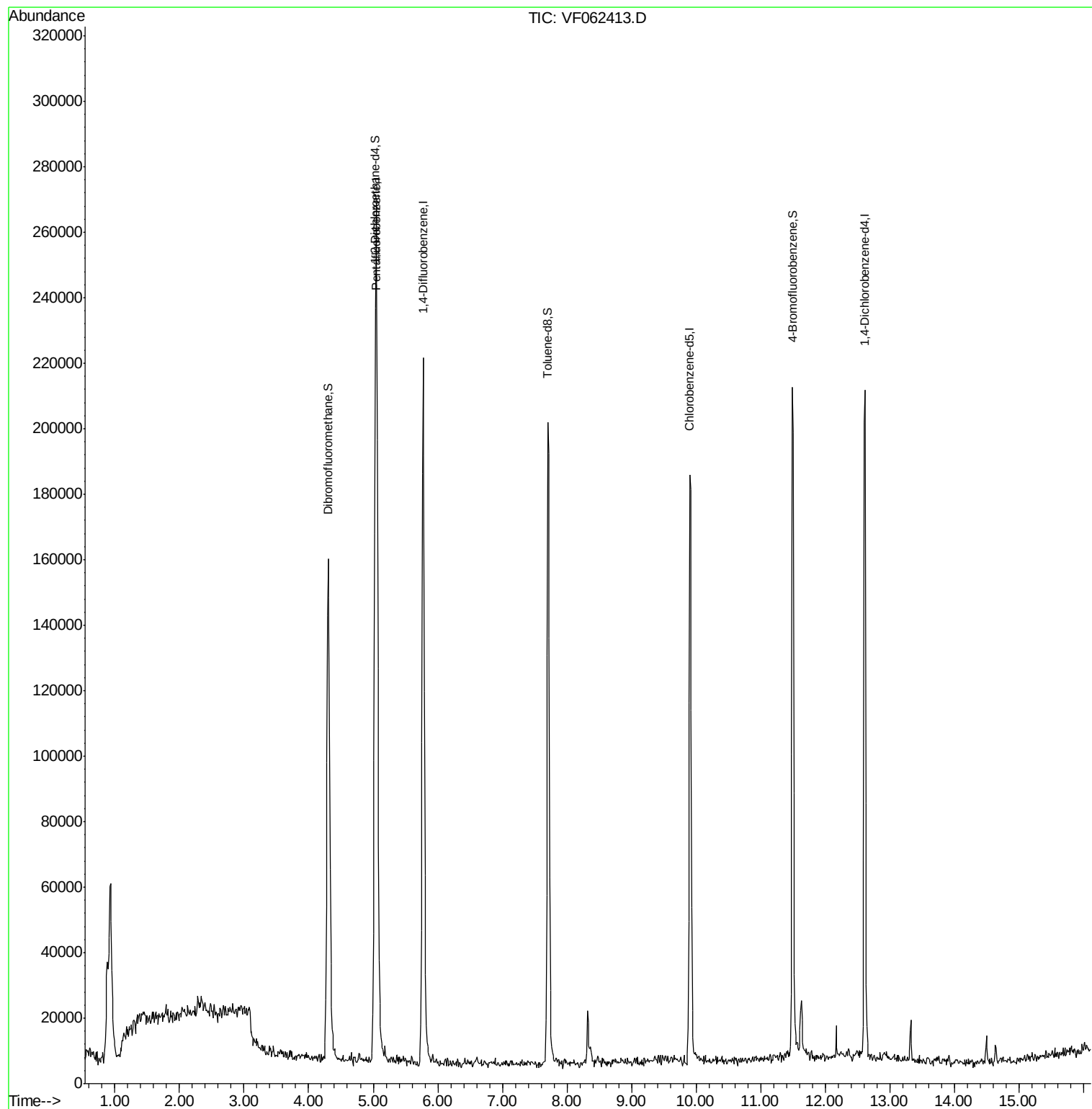
Target Compounds	Qvalue

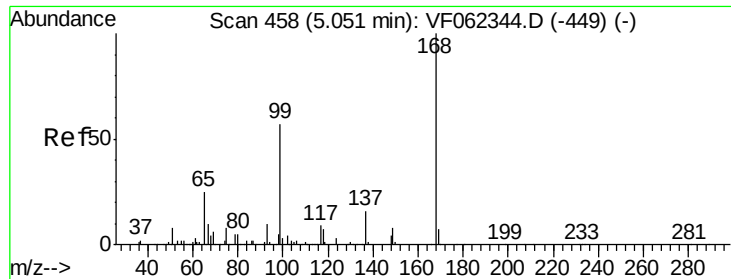
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.00 min

Lab File: VF062413.D

Acq: 9 May 2019 23:22

Instrument :

MSVOA_F

ClientSampleId :

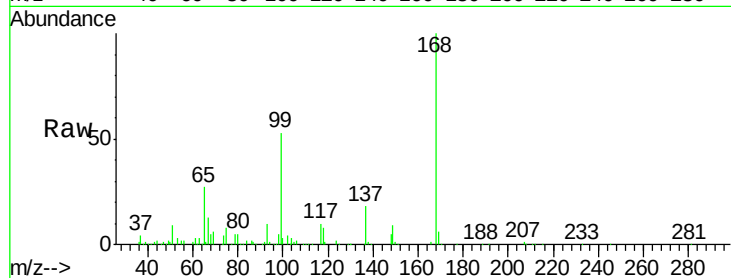
72-11995

Tot Ion:168 Resp: 200387

Ion Ratio Lower Upper

168 100

99 53.2 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.05

60000

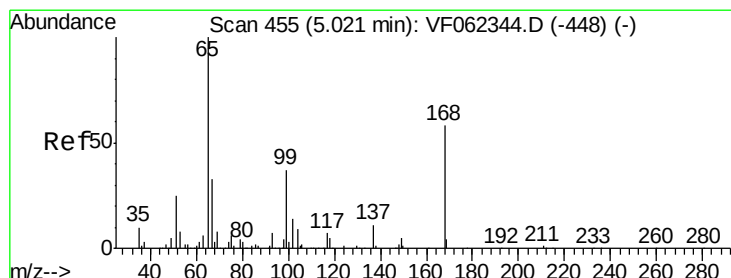
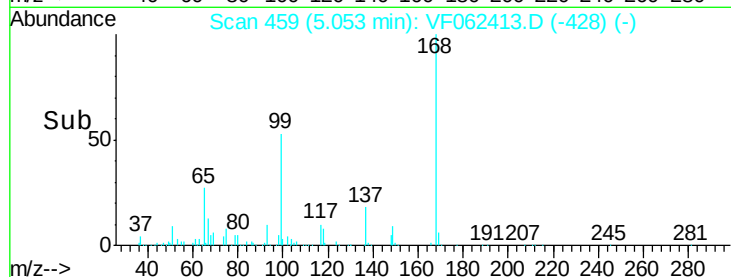
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 64.051 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF062413.D

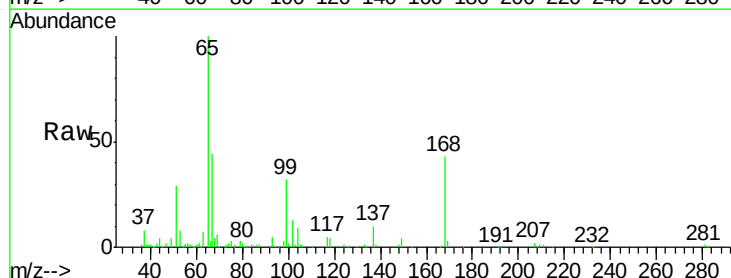
Acq: 9 May 2019 23:22

Tgt Ion: 65 Resp: 121297

Ion Ratio Lower Upper

65 100

67 45.2 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.02

50000

40000

30000

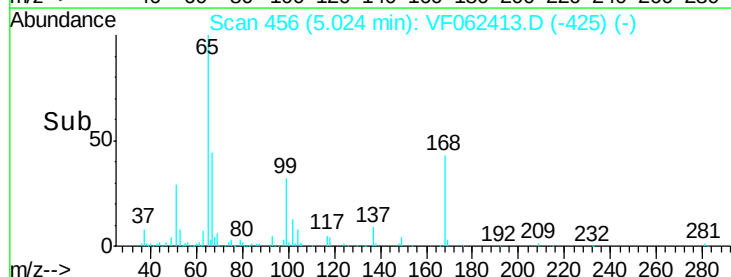
20000

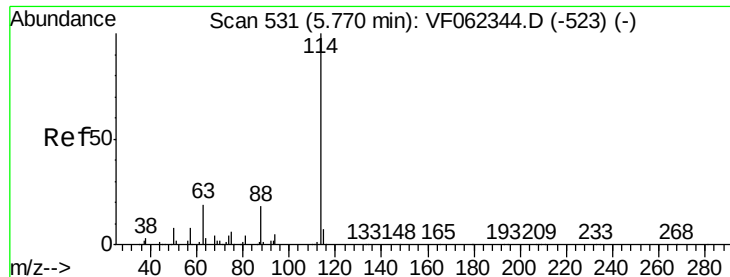
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 532

Delta R.T. 0.00 min

Lab File: VF062413.D

Acq: 9 May 2019 23:22

Instrument :

MSVOA_F

ClientSampleId :

72-11995

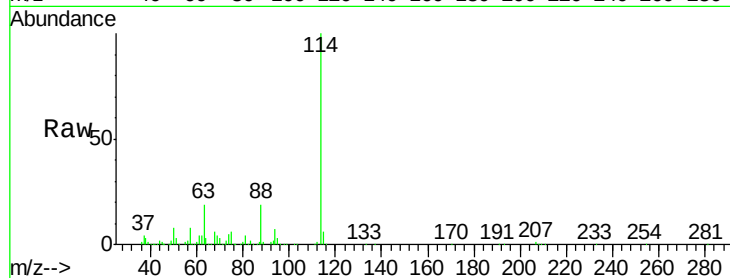
Tot Ion:114 Resp: 235027

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

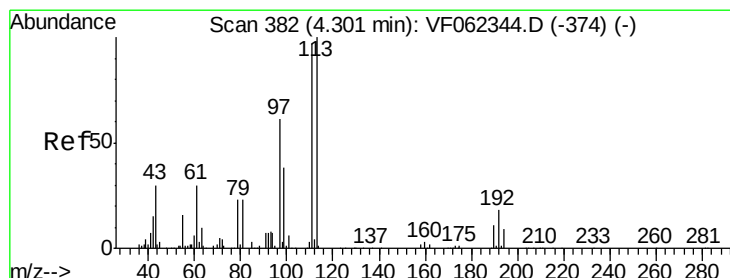
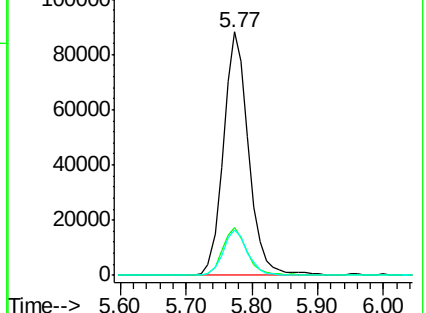
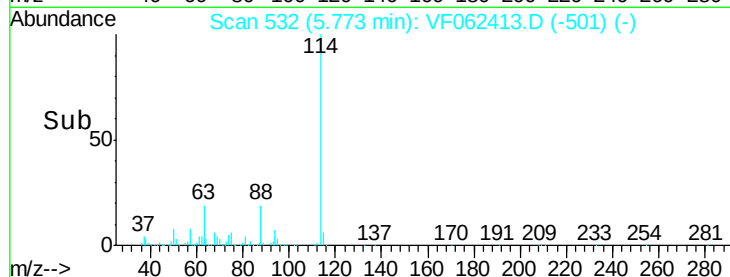
88 18.6 0.0 36.4



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: 75.272 ug/l

RT: 4.30 min Scan# 383

Delta R.T. 0.00 min

Lab File: VF062413.D

Acq: 9 May 2019 23:22

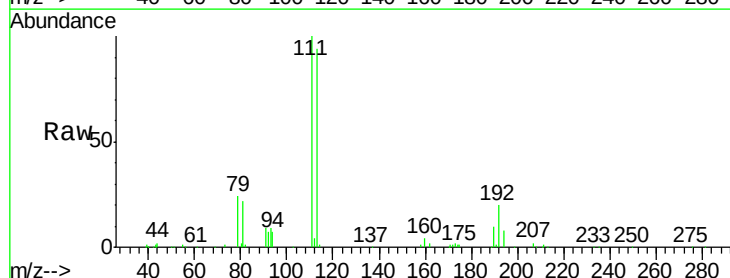
Tgt Ion:113 Resp: 140941

Ion Ratio Lower Upper

113 100

111 103.2 79.4 119.0

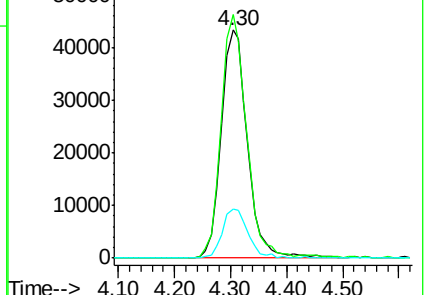
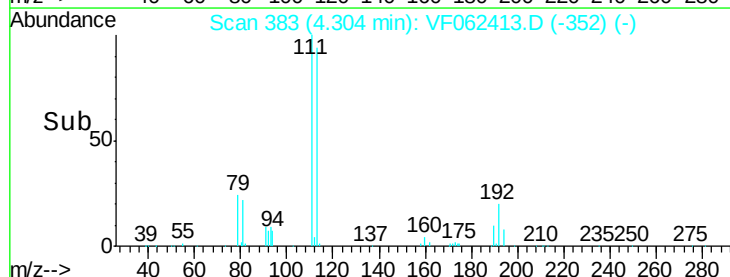
192 21.3 16.0 24.0

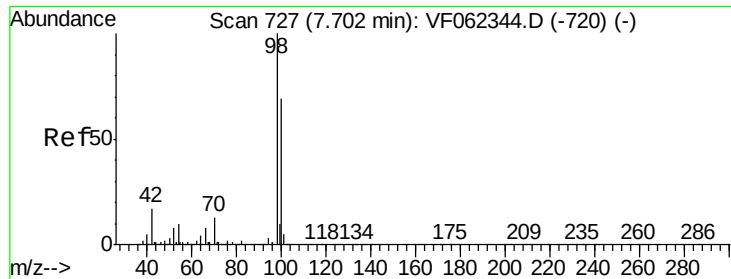


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 37.123 ug/l

RT: 7.70 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF062413.D

Acq: 9 May 2019 23:22

Instrument :

MSVOA_F

ClientSampleId :

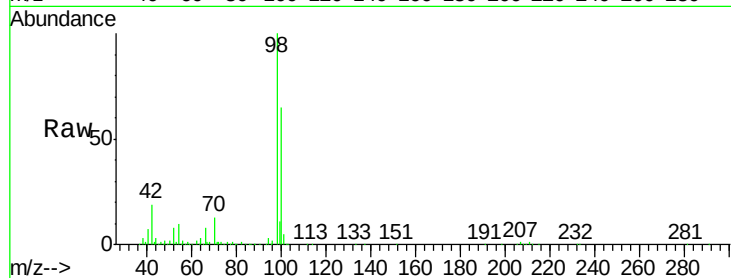
72-11995

Tot Ion: 98 Resp: 168257

Ion Ratio Lower Upper

98 100

100 65.5 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.70

60000

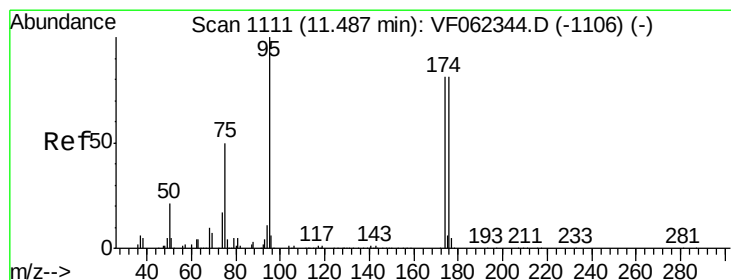
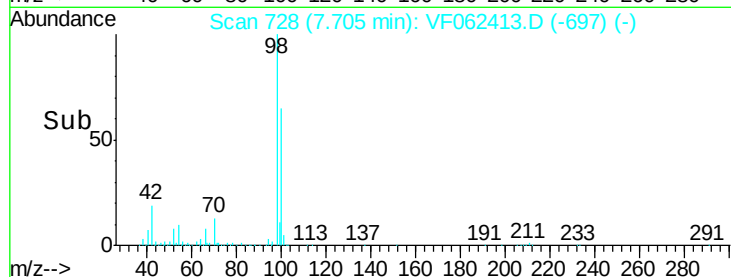
40000

20000

0

7.60 7.70 7.80 7.90

Time-->



#62

4-Bromofluorobenzene

Concen: 34.463 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VF062413.D

Acq: 9 May 2019 23:22

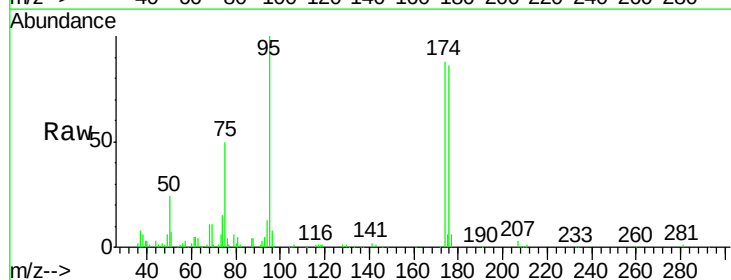
Tgt Ion: 95 Resp: 70472

Ion Ratio Lower Upper

95 100

174 99.6 0.0 191.8

176 95.3 0.0 193.2



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.49

50000

40000

30000

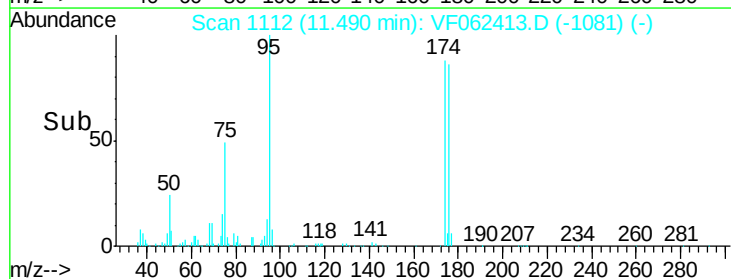
20000

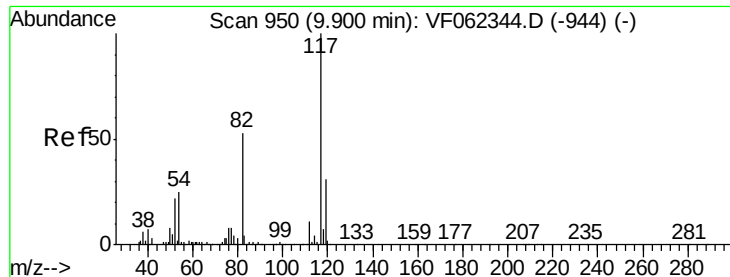
10000

0

11.40 11.50 11.60

Time-->

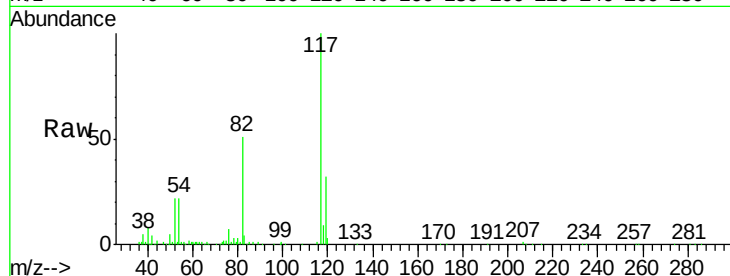




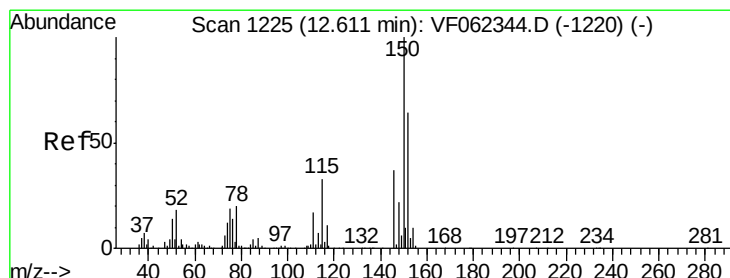
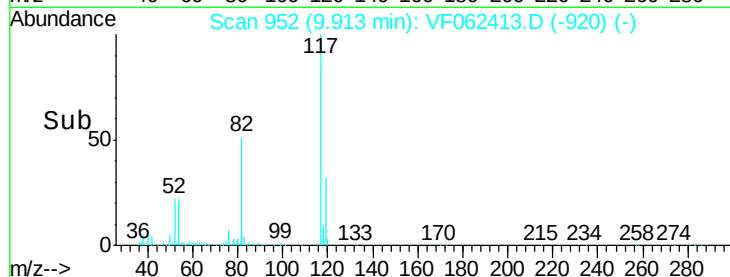
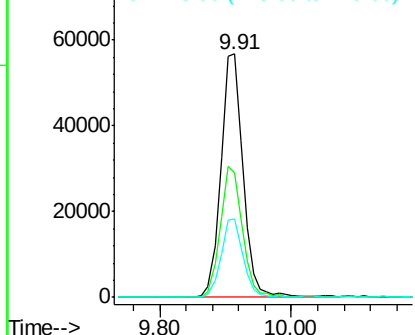
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062413.D
Acq: 9 May 2019 23:22

Instrument :
MSVOA_F
ClientSampleId :
72-11995

Tot Ion:117 Resp: 134143
Ion Ratio Lower Upper
117 100
82 51.3 42.2 63.2
119 32.2 25.0 37.4

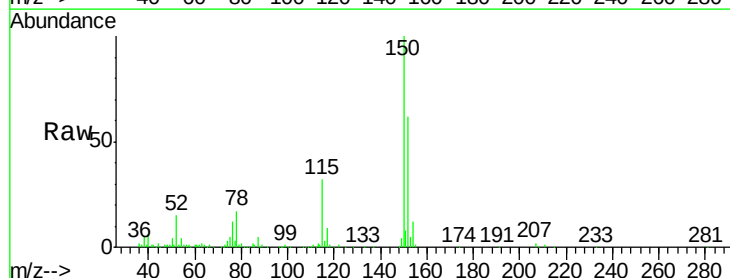


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062413.D
Acq: 9 May 2019 23:22

Tgt Ion:152 Resp: 57556
Ion Ratio Lower Upper
152 100
115 54.2 26.4 79.2
150 156.9 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

