

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062566.D
 Acq On : 14 May 2019 4:03
 Operator : FY/SY
 Sample : K2756-14
 Misc : 6.40g/5mL/MSVOA F/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS007-1218-01

Quant Time: May 14 08:30:17 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	5.08	168	321702	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	420260	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	297746	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	137337	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	125578	41.31	ug/l	0.03
Spiked Amount				50.000		
			Recovery	=	82.62%	
35) Dibromofluoromethane	4.34	113	151134	45.14	ug/l	0.04
Spiked Amount				50.000		
			Recovery	=	90.28%	
50) Toluene-d8	7.73	98	314607	38.82	ug/l	0.03
Spiked Amount				50.000		
			Recovery	=	77.64%	
62) 4-Bromofluorobenzene	11.51	95	109566	29.96	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	59.92%	

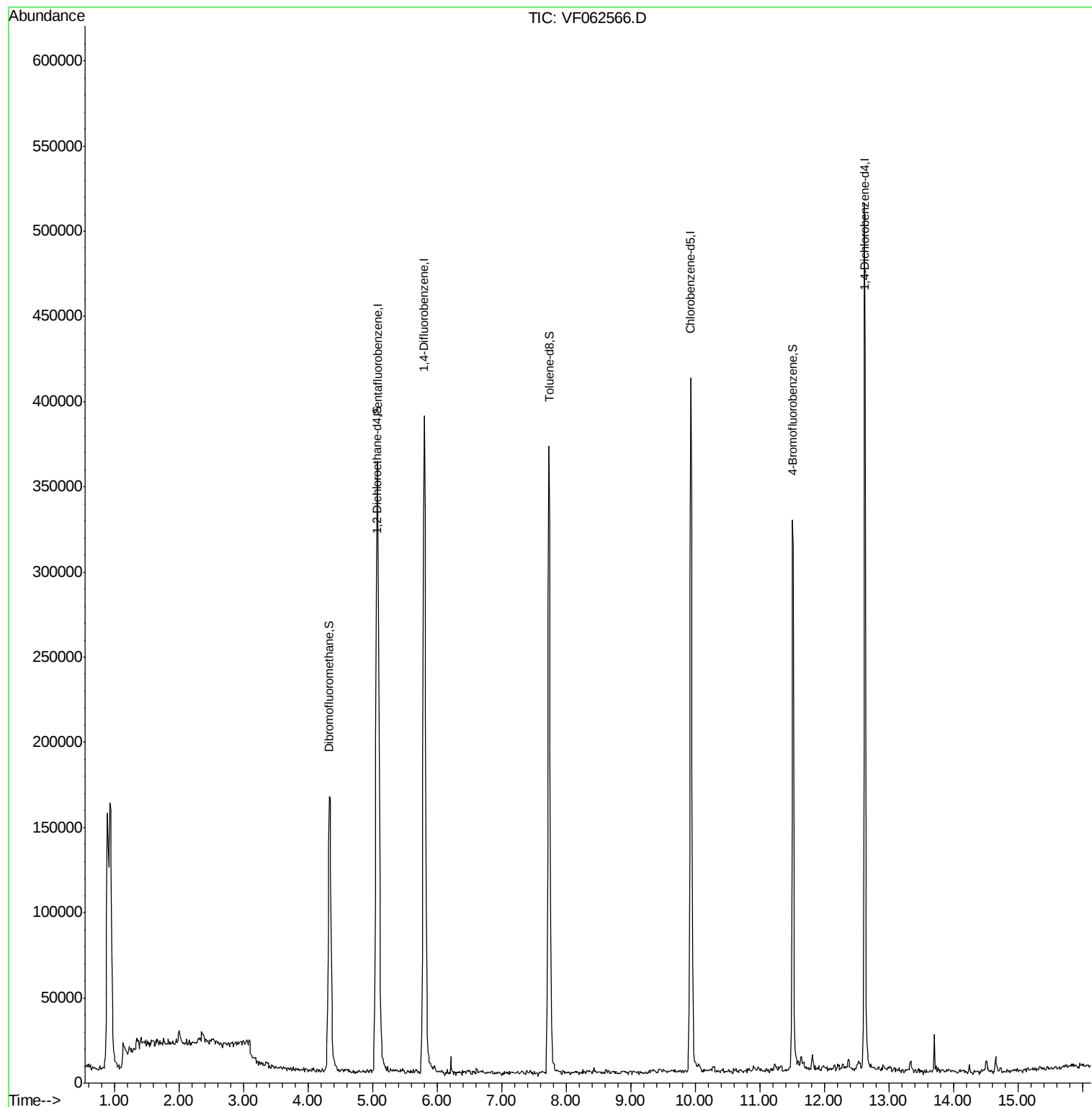
Target Compounds	Qvalue

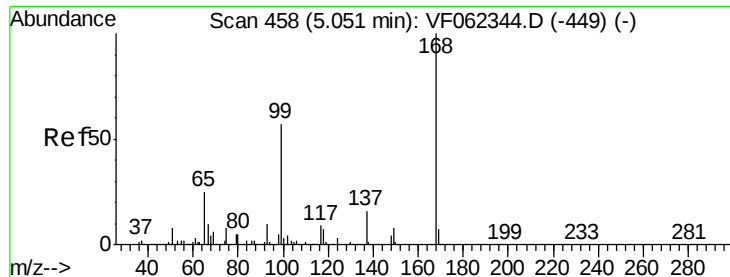
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.03 min

Lab File: VF062566.D

Acq: 14 May 2019 4:03

Instrument :

MSVOA_F

ClientSampleId :

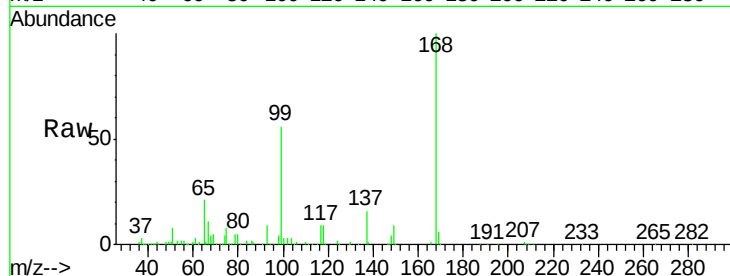
P021-SS007-1218-01

Tot Ion:168 Resp: 321702

Ion Ratio Lower Upper

168 100

99 55.5 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

120000

100000

80000

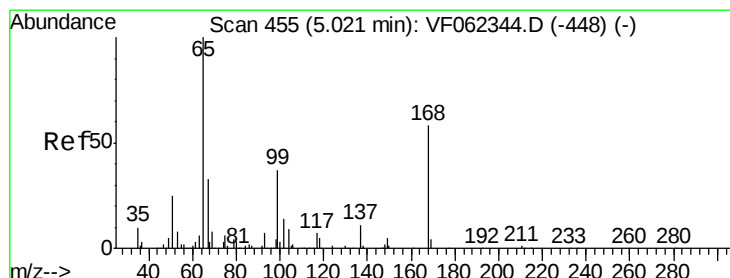
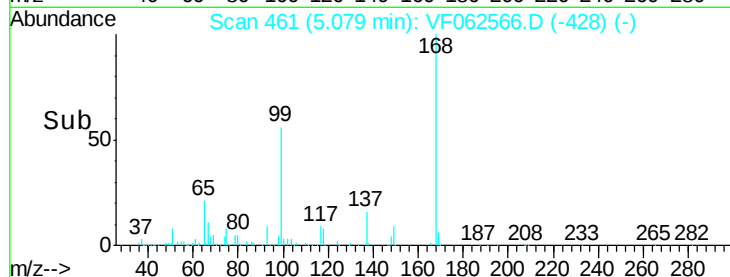
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 41.306 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062566.D

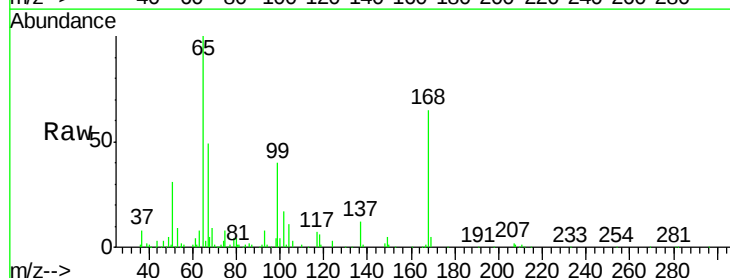
Acq: 14 May 2019 4:03

Tgt Ion: 65 Resp: 125578

Ion Ratio Lower Upper

65 100

67 46.8 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

50000

40000

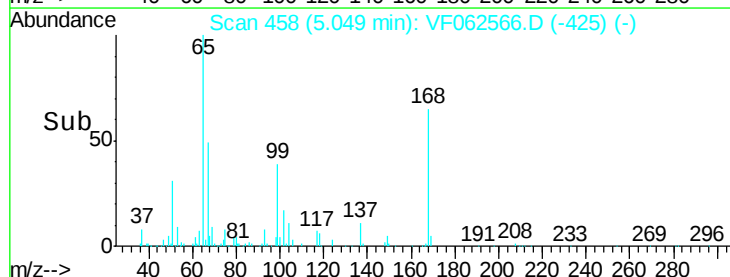
30000

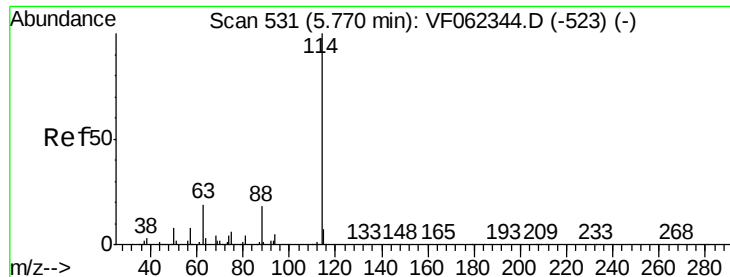
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.03 min

Lab File: VF062566.D

Acq: 14 May 2019 4:03

Instrument :

MSVOA_F

ClientSampleId :

P021-SS007-1218-01

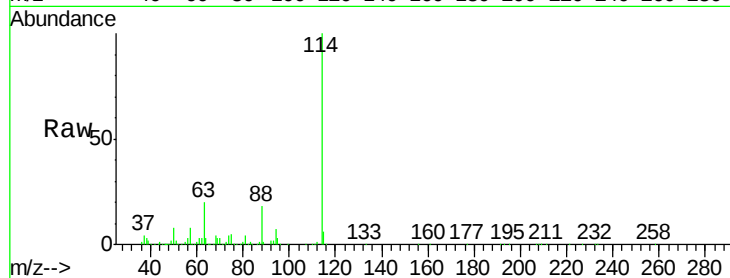
Tot Ion:114 Resp: 420260

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

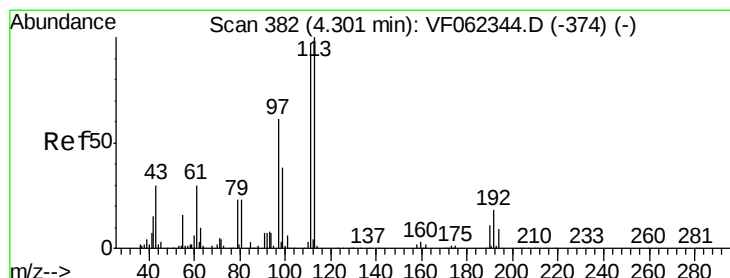
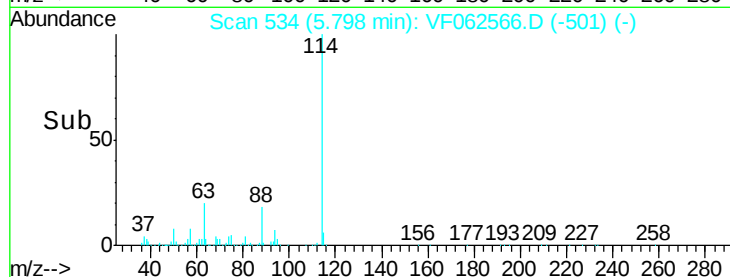
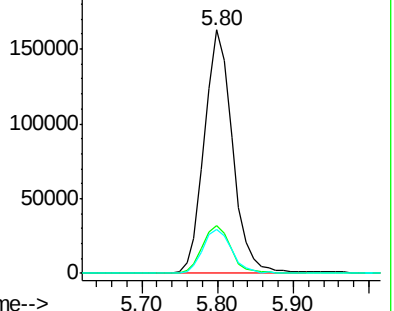
88 18.3 0.0 36.4



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: 45.140 ug/l

RT: 4.34 min Scan# 386

Delta R.T. 0.04 min

Lab File: VF062566.D

Acq: 14 May 2019 4:03

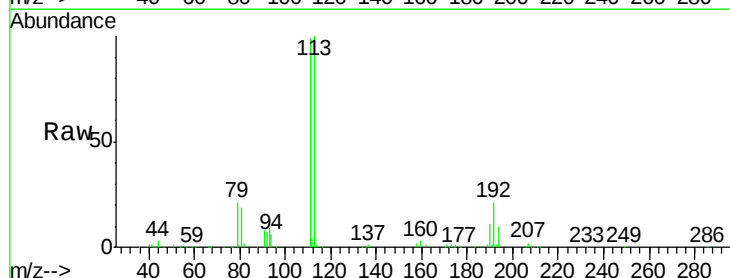
Tgt Ion:113 Resp: 151134

Ion Ratio Lower Upper

113 100

111 102.5 79.4 119.0

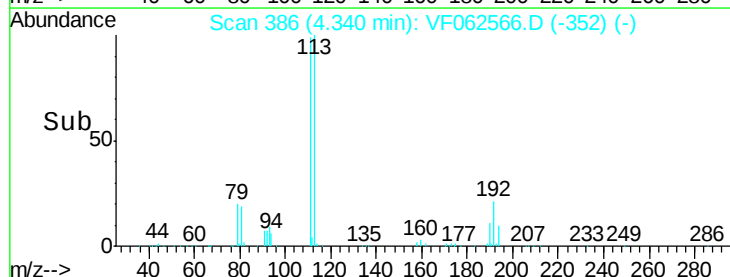
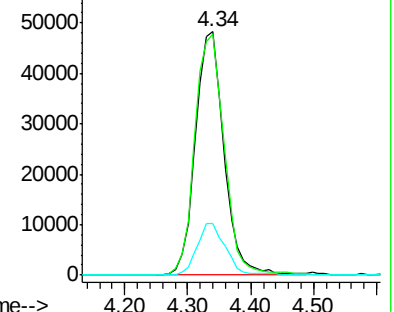
192 21.4 16.0 24.0

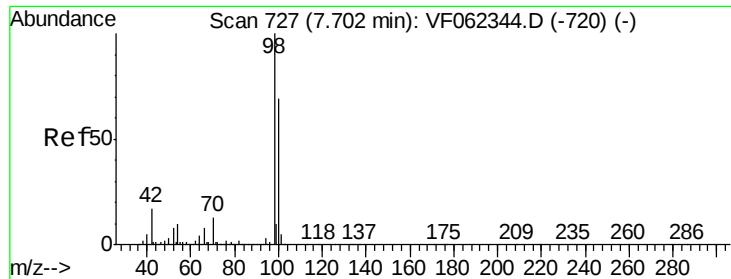


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 38.818 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.03 min

Lab File: VF062566.D

Acq: 14 May 2019 4:03

Instrument :

MSVOA_F

ClientSampleId :

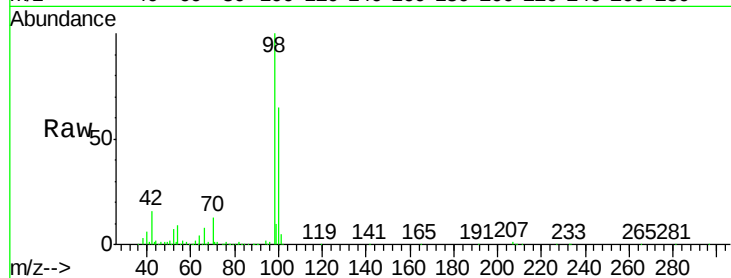
P021-SS007-1218-01

Tot Ion: 98 Resp: 314607

Ion Ratio Lower Upper

98 100

100 66.2 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.73

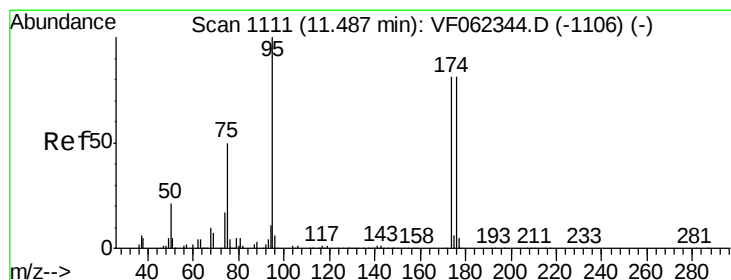
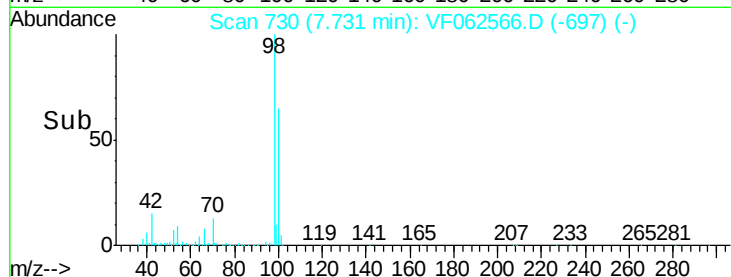
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 29.964 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062566.D

Acq: 14 May 2019 4:03

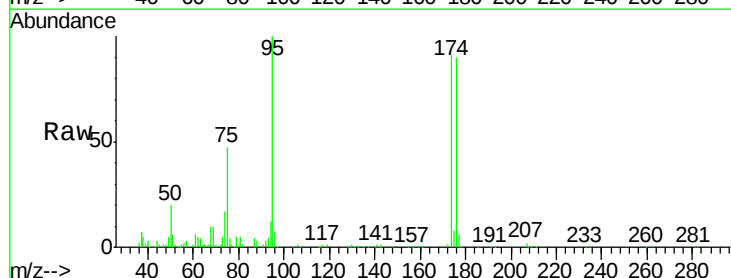
Tgt Ion: 95 Resp: 109566

Ion Ratio Lower Upper

95 100

174 102.4 0.0 191.8

176 99.2 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

11.51

80000

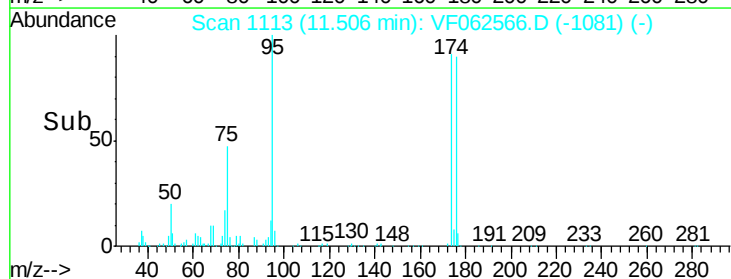
60000

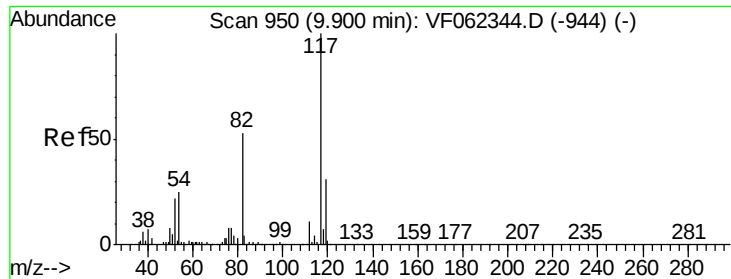
40000

20000

0

Time-->

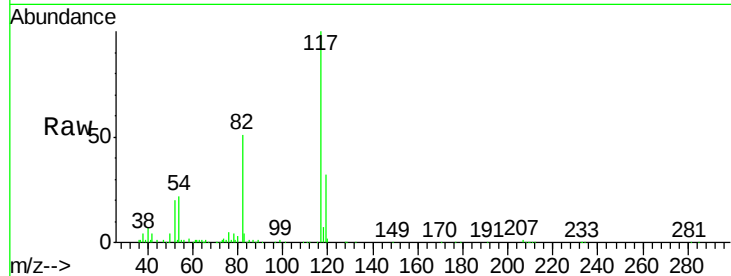




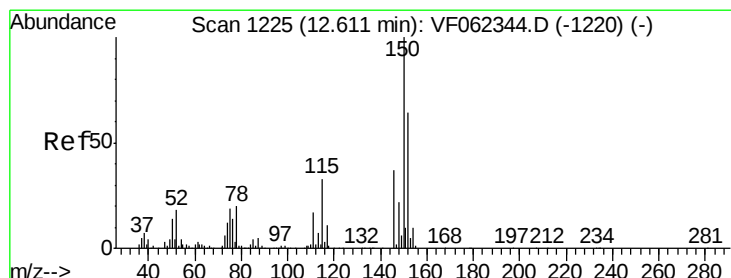
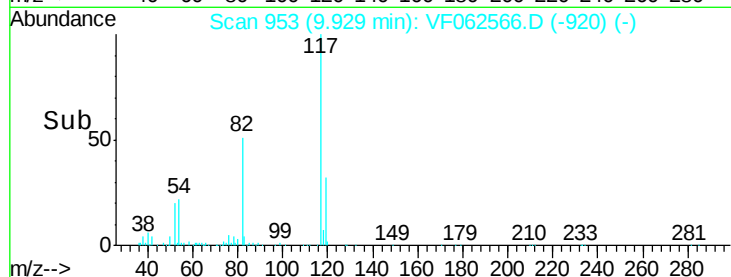
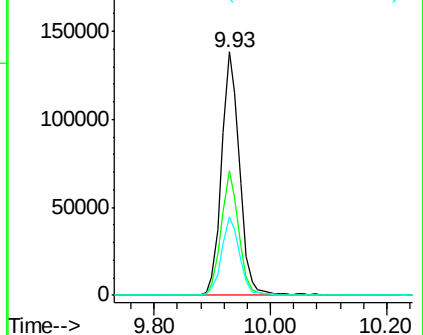
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-1218-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.2	63.2
119	32.2	25.0	37.4

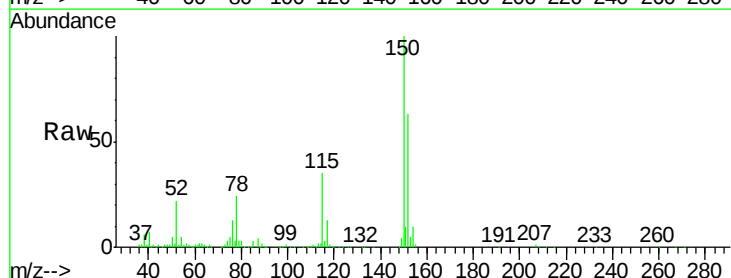


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062566.D
Acq: 14 May 2019 4:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	26.4	79.2
150	155.5	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

