

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062268.D
 Acq On : 23 Apr 2019 17:20
 Operator : FY/SY
 Sample : K2201-07RE
 Misc : 5.99g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-041819-DRE

Quant Time: Apr 23 18:02:21 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	85023	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	85844	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	50360	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	16493	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	10316	13.23	ug/l	0.02
Spiked Amount	50.000		Recovery	=	26.46%	
35) Dibromofluoromethane	4.31	113	18304	24.38	ug/l	0.01
Spiked Amount	50.000		Recovery	=	48.76%	
50) Toluene-d8	7.72	98	64240	33.80	ug/l	0.02
Spiked Amount	50.000		Recovery	=	67.60%	
62) 4-Bromofluorobenzene	11.49	95	16747	22.90	ug/l	0.01
Spiked Amount	50.000		Recovery	=	45.80%	

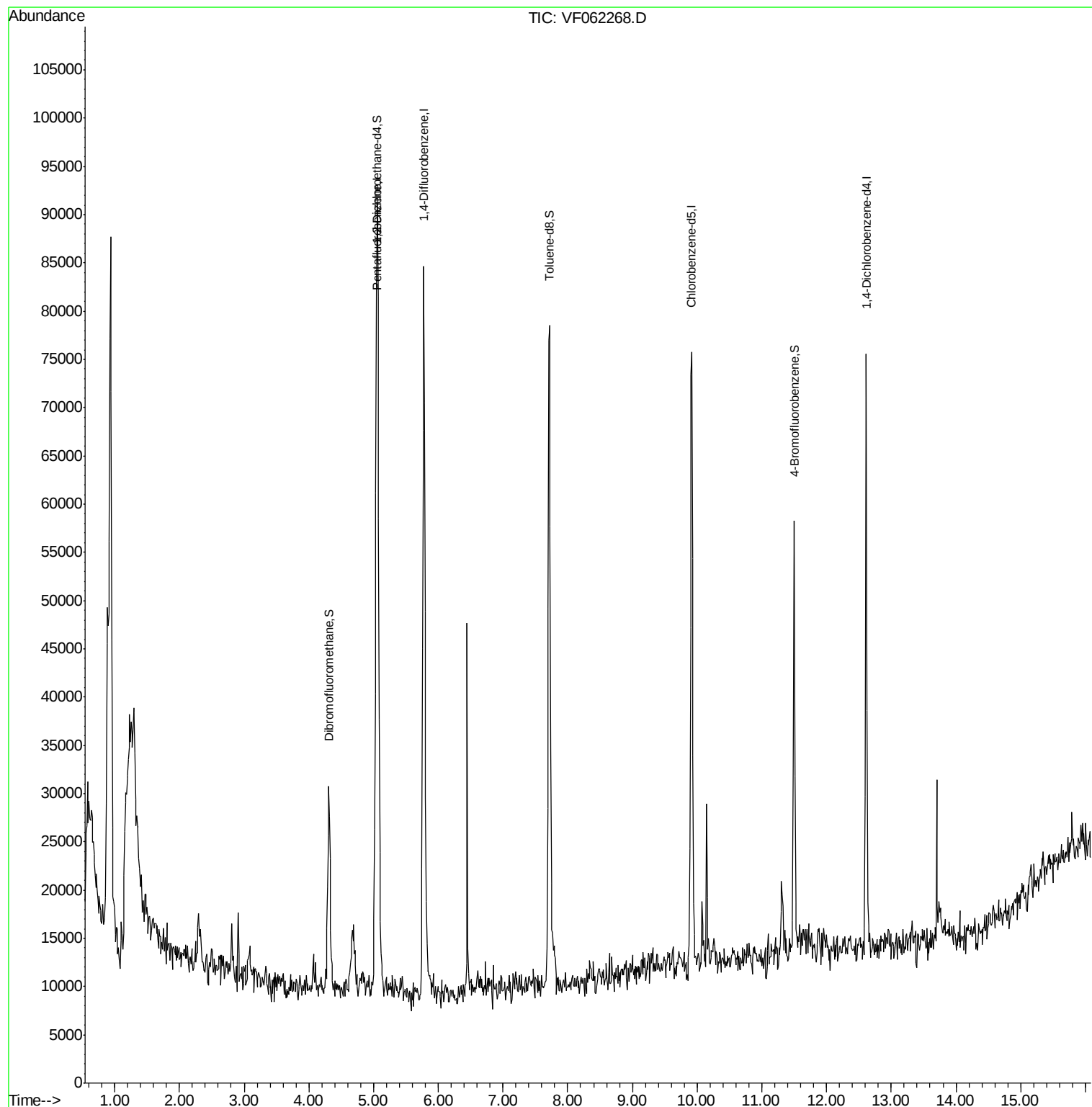
Target Compounds	Qvalue

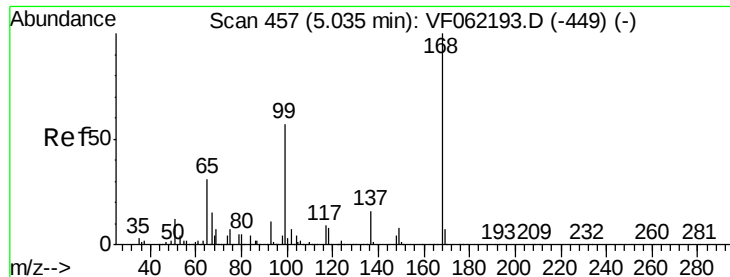
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.02 min

Lab File: VF062268.D

Acq: 23 Apr 2019 17:20

Instrument :

MSVOA_F

ClientSampleId :

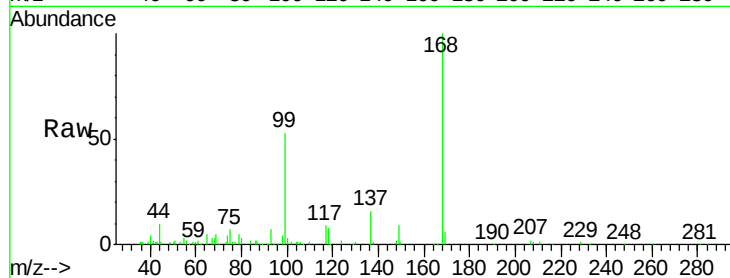
PL-01-041819-DRE

Tot Ion:168 Resp: 85023

Ion Ratio Lower Upper

168 100

99 52.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

30000

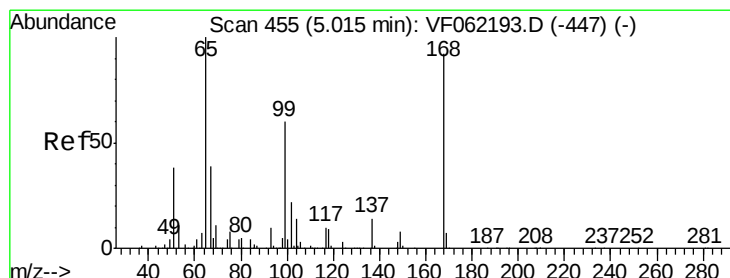
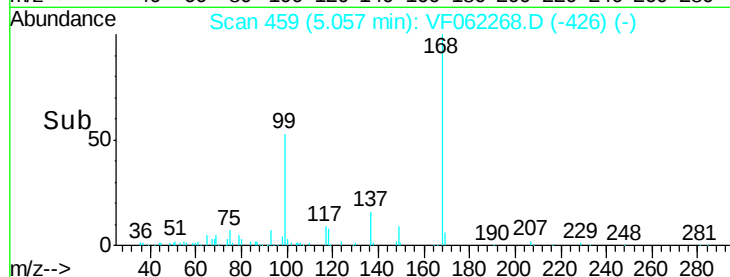
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 13.232 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062268.D

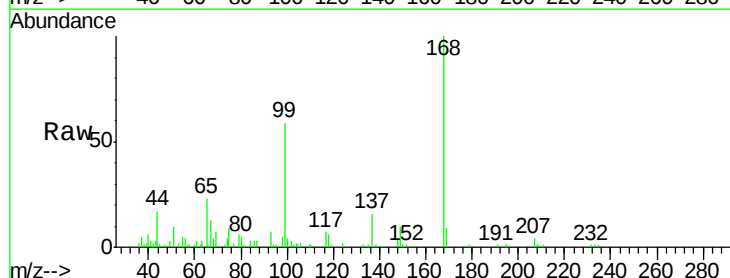
Acq: 23 Apr 2019 17:20

Tgt Ion: 65 Resp: 10316

Ion Ratio Lower Upper

65 100

67 66.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.04

4000

3000

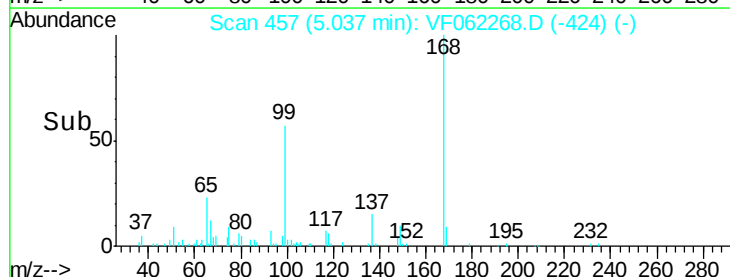
2000

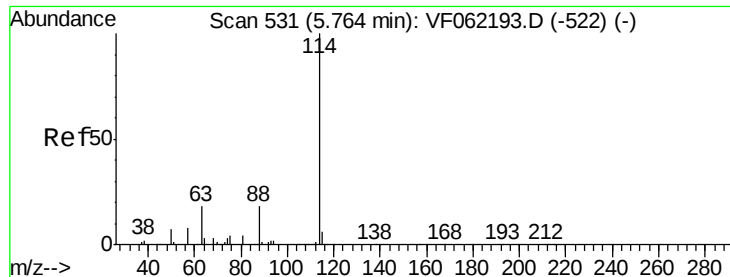
1000

0

Time-->

4.90 5.00 5.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.01 min

Lab File: VF062268.D

Acq: 23 Apr 2019 17:20

Instrument :

MSVOA_F

ClientSampleId :

PL-01-041819-DRE

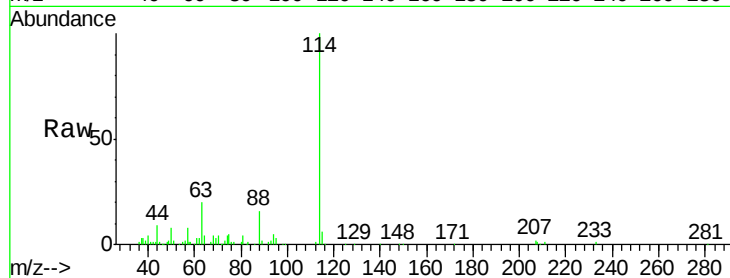
Tot Ion:114 Resp: 85844

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.6

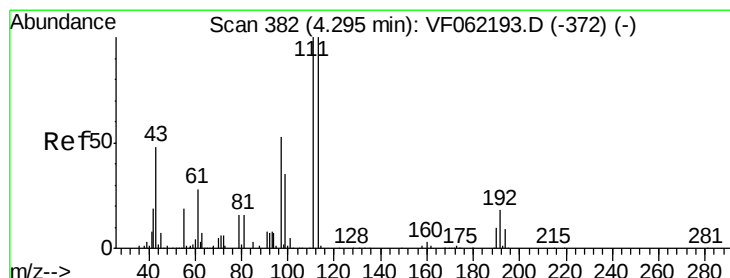
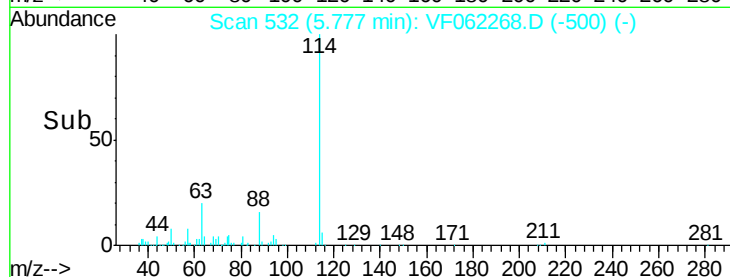
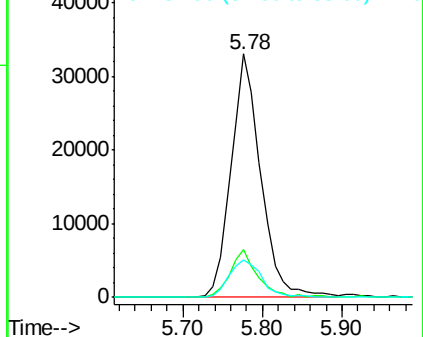
88 15.5 0.0 35.8



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: 24.376 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF062268.D

Acq: 23 Apr 2019 17:20

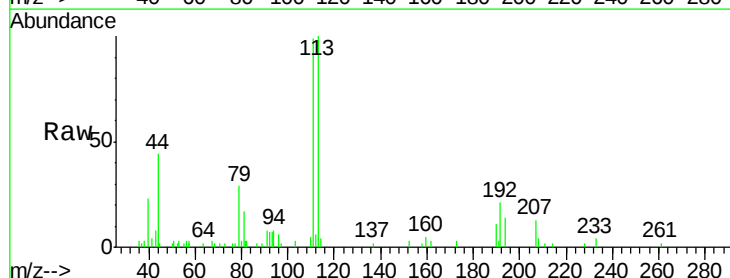
Tgt Ion:113 Resp: 18304

Ion Ratio Lower Upper

113 100

111 100.5 81.1 121.7

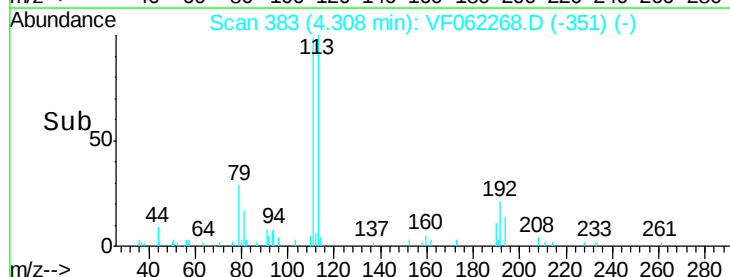
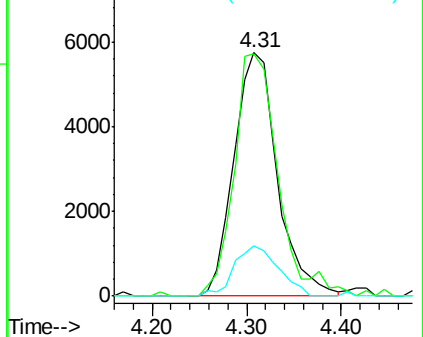
192 20.9 14.7 22.1

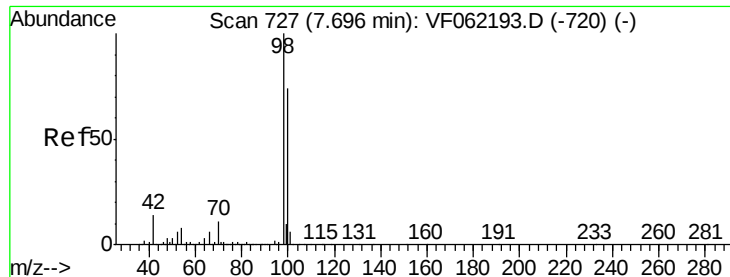


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 33.796 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.02 min

Lab File: VF062268.D

Acq: 23 Apr 2019 17:20

Instrument :

MSVOA_F

ClientSampleId :

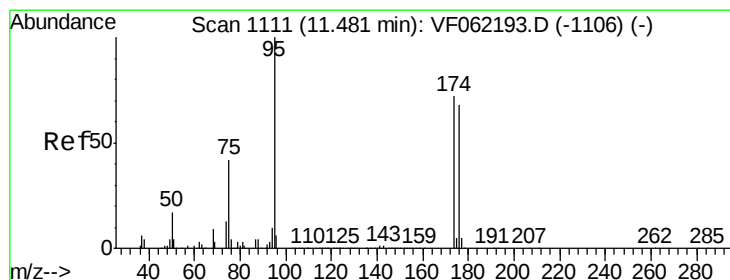
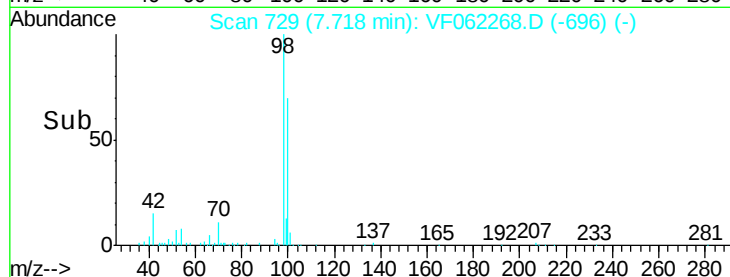
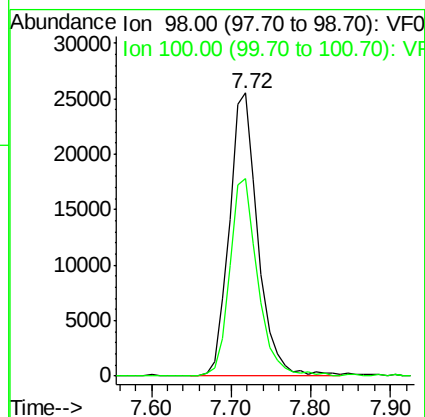
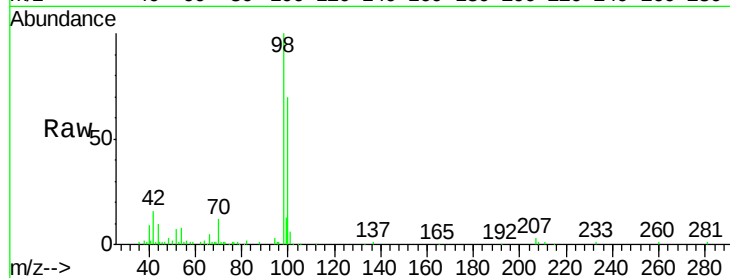
PL-01-041819-DRE

Tot Ion: 98 Resp: 64240

Ion Ratio Lower Upper

98 100

100 68.2 56.2 84.2



#62

4-Bromofluorobenzene

Concen: 22.902 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF062268.D

Acq: 23 Apr 2019 17:20

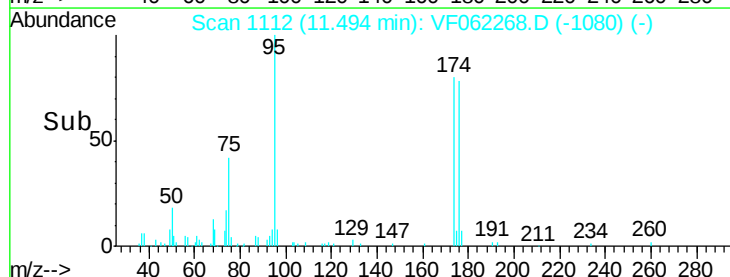
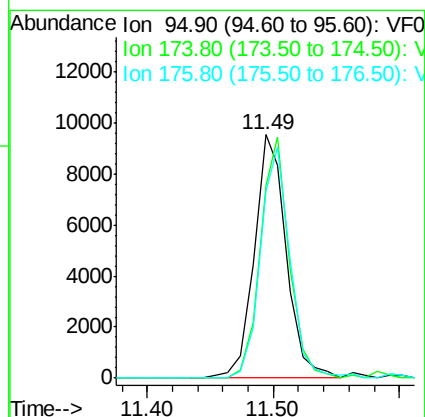
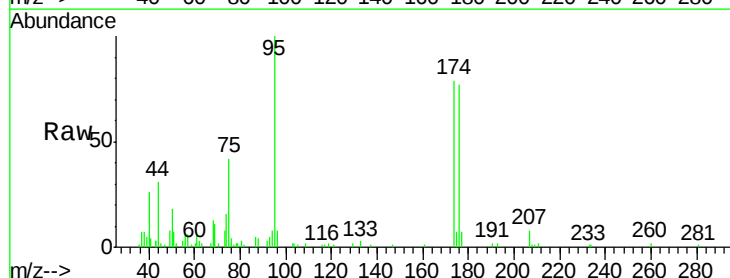
Tgt Ion: 95 Resp: 16747

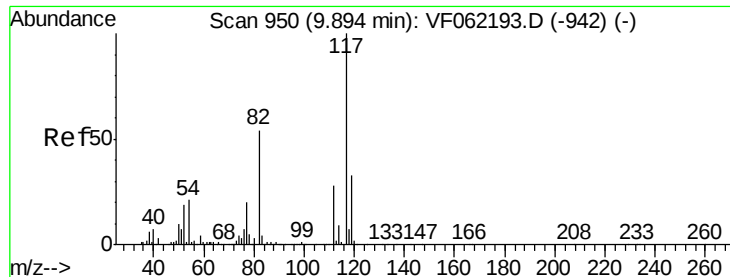
Ion Ratio Lower Upper

95 100

174 89.4 0.0 159.4

176 88.4 0.0 155.4

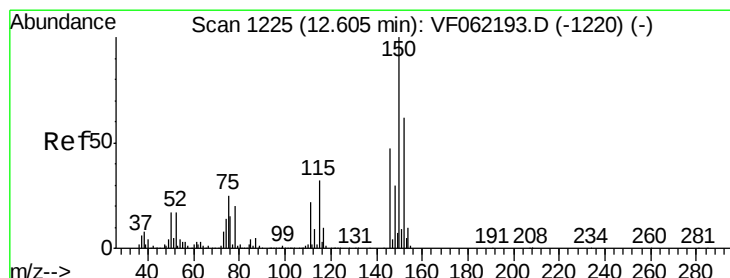
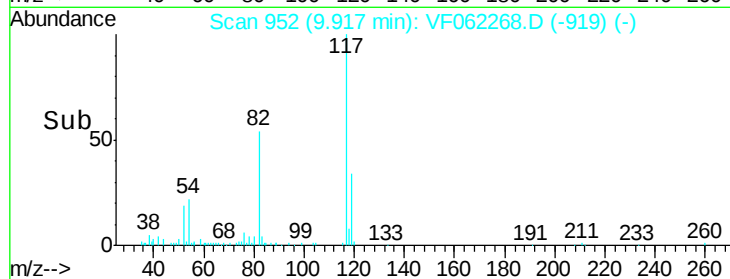
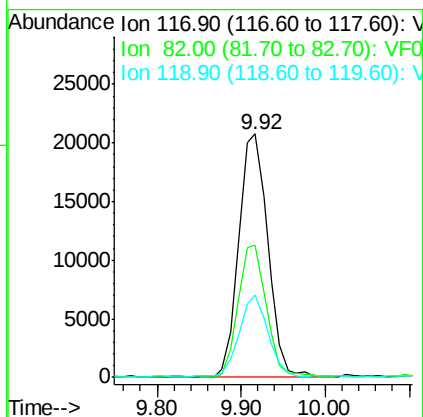
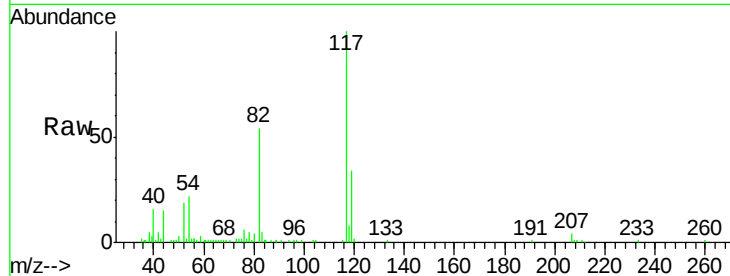




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062268.D
Acq: 23 Apr 2019 17:20

Instrument :
MSVOA_F
ClientSampleId :
PL-01-041819-DRE

Tot Ion:117 Resp: 50360
Ion Ratio Lower Upper
117 100
82 54.2 43.2 64.8
119 33.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062268.D
Acq: 23 Apr 2019 17:20

Tgt Ion:152 Resp: 16493
Ion Ratio Lower Upper
152 100
115 61.5 27.8 83.3
150 166.0 0.0 341.8

