

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF043019\
 Data File : VF062332.D
 Acq On : 30 Apr 2019 14:28
 Operator : FY/SY
 Sample : VF0430SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0430SBL01

Quant Time: May 01 07:51:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	339952	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	469530	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	383194	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	255049	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	148880	54.07	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.14%	
35) Dibromofluoromethane	4.31	113	183587	52.73	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.46%	
50) Toluene-d8	7.71	98	411411	48.38	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.49	95	198844	56.73	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	113.46%	

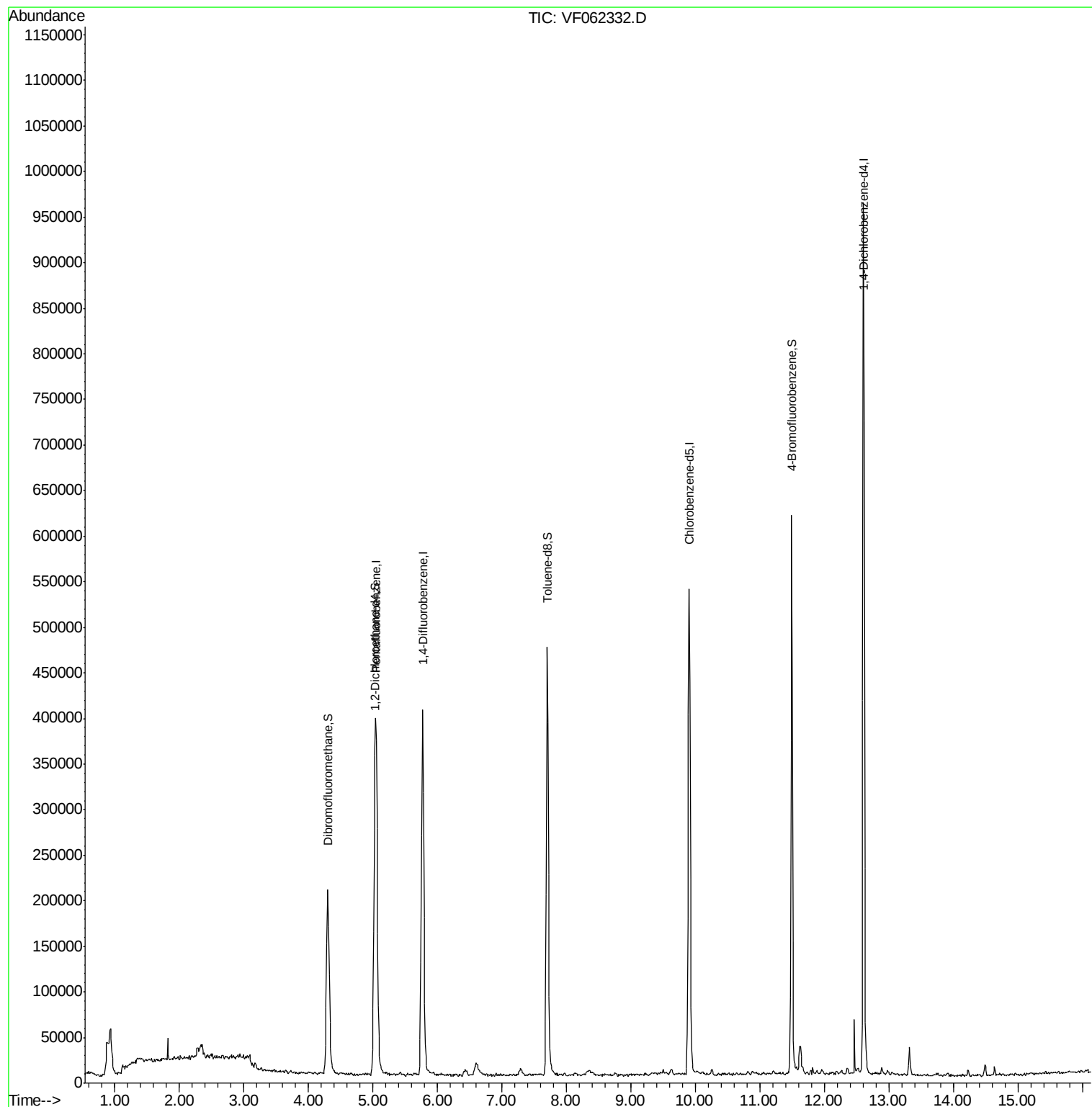
Target Compounds	Qvalue
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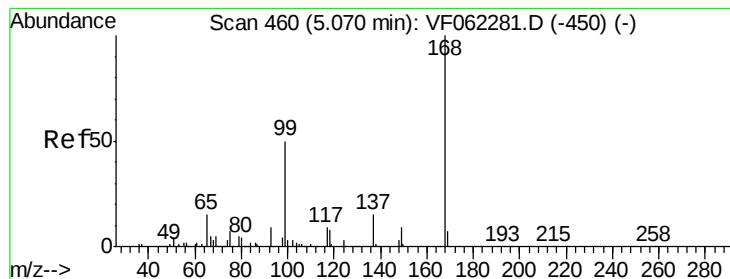
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 459

Delta R.T. -0.02 min

Lab File: VF062332.D

Acq: 30 Apr 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

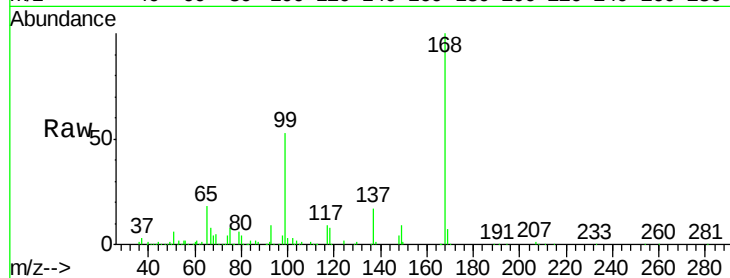
VF0430SBL01

Tot Ion:168 Resp: 339952

Ion Ratio Lower Upper

168 100

99 52.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.05

120000

100000

80000

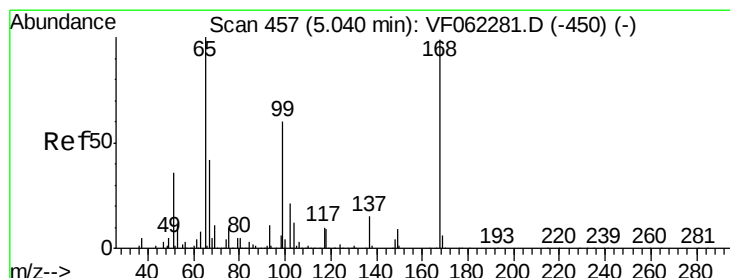
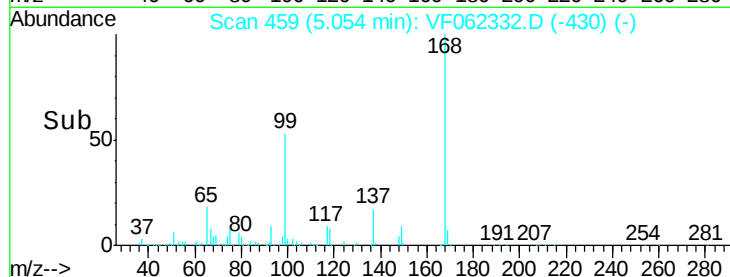
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.066 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF062332.D

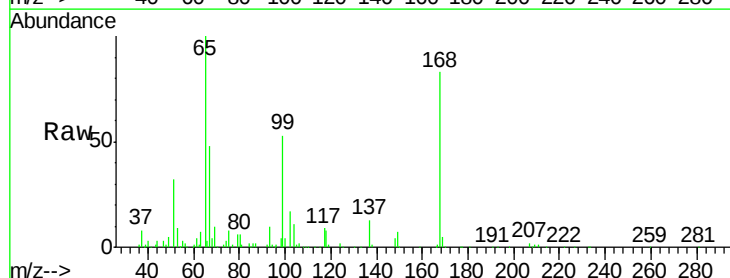
Acq: 30 Apr 2019 14:28

Tgt Ion: 65 Resp: 148880

Ion Ratio Lower Upper

65 100

67 47.8 0.0 98.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.02

60000

50000

40000

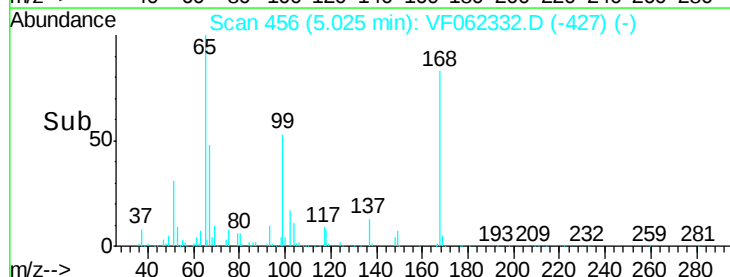
30000

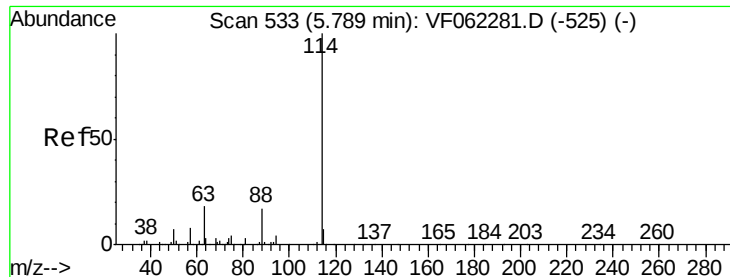
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 532

Delta R.T. -0.02 min

Lab File: VF062332.D

Acq: 30 Apr 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

VF0430SBL01

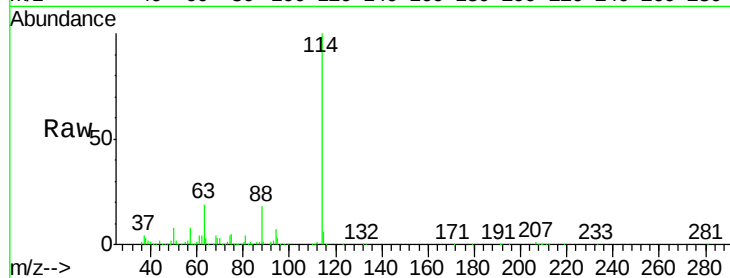
Tot Ion:114 Resp: 469530

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.6

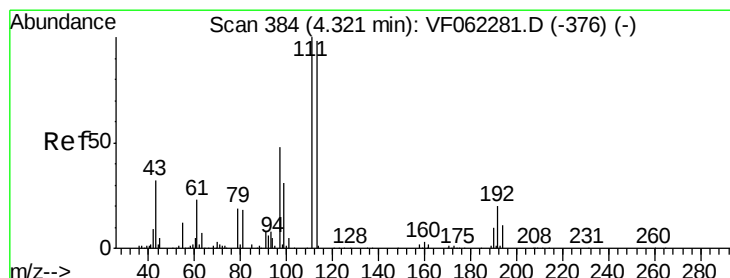
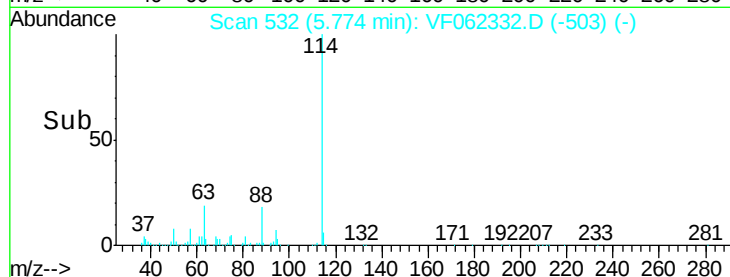
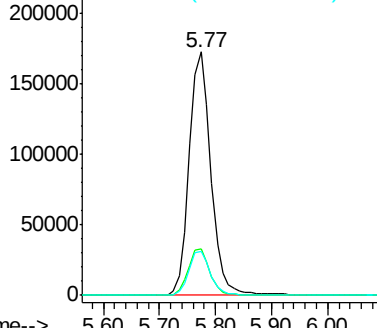
88 18.2 0.0 34.6



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: 52.735 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.02 min

Lab File: VF062332.D

Acq: 30 Apr 2019 14:28

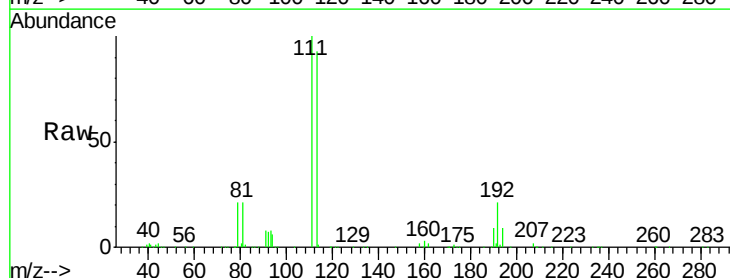
Tgt Ion:113 Resp: 183587

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.2

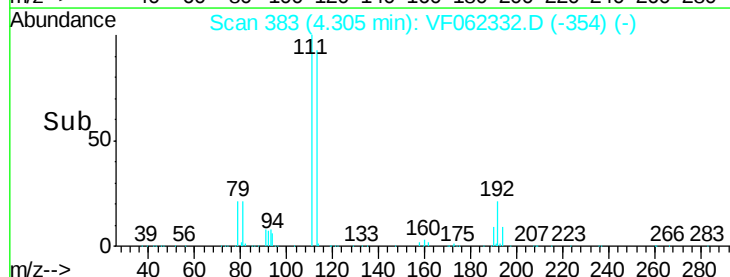
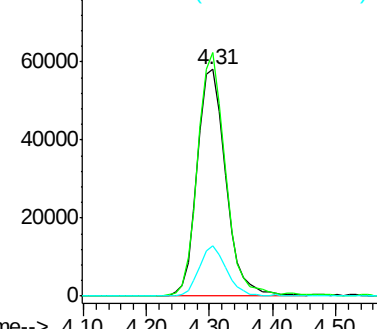
192 21.4 17.0 25.4

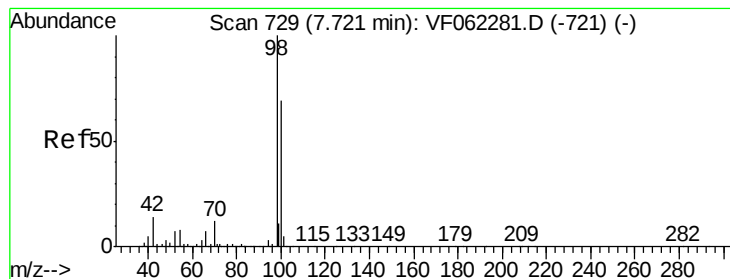


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.381 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.02 min

Lab File: VF062332.D

Acq: 30 Apr 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

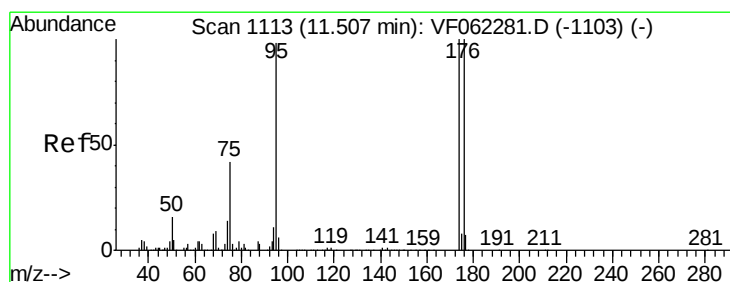
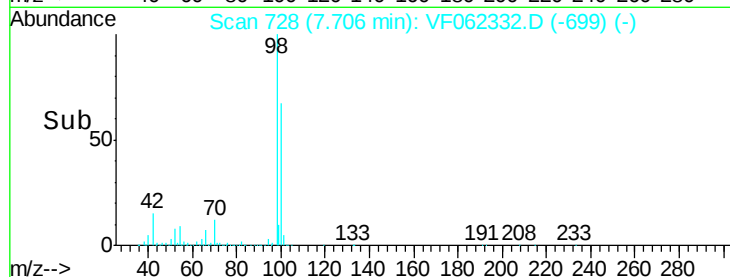
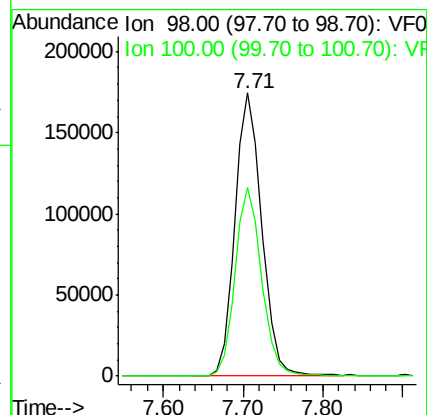
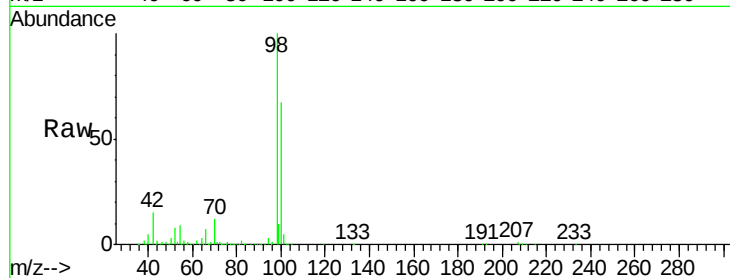
VF0430SBL01

Tot Ion: 98 Resp: 411411

Ion Ratio Lower Upper

98 100

100 66.0 54.4 81.6



#62

4-Bromofluorobenzene

Concen: 56.731 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.02 min

Lab File: VF062332.D

Acq: 30 Apr 2019 14:28

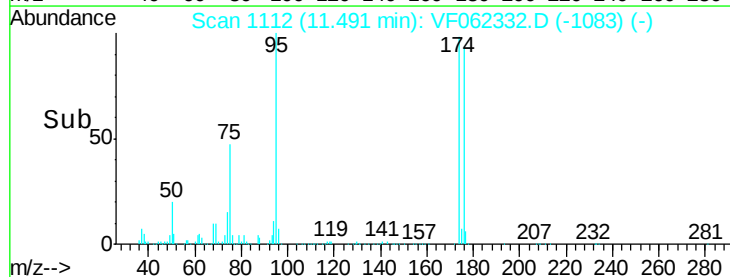
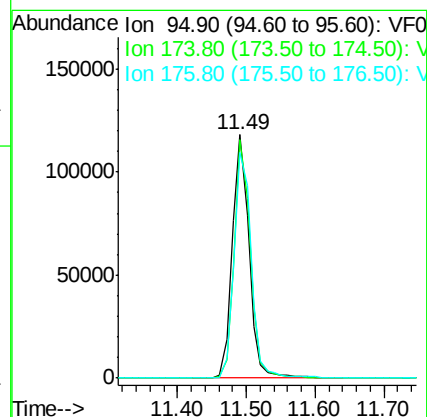
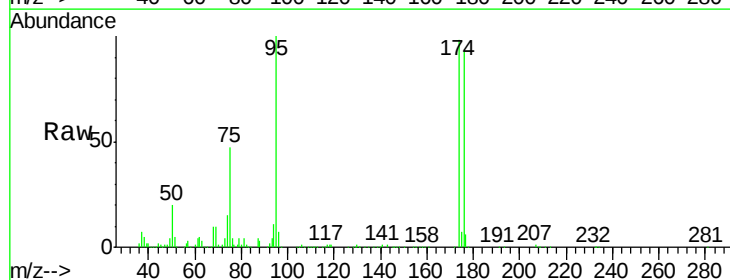
Tgt Ion: 95 Resp: 198844

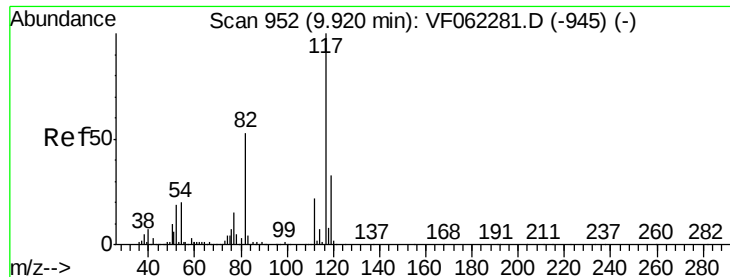
Ion Ratio Lower Upper

95 100

174 95.0 0.0 185.2

176 95.7 0.0 184.8

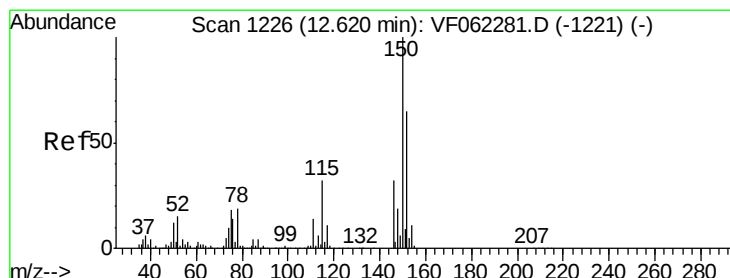
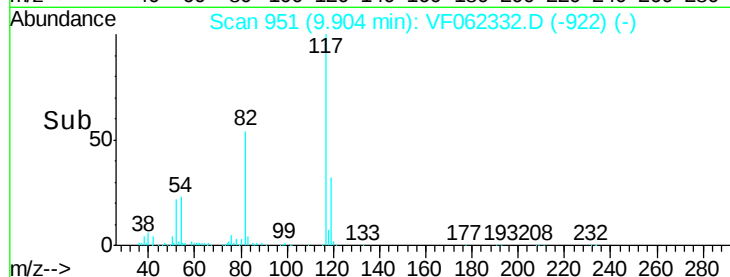
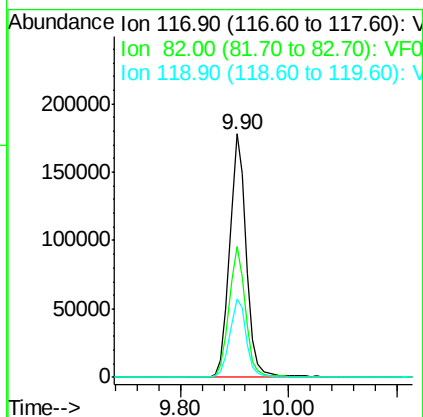
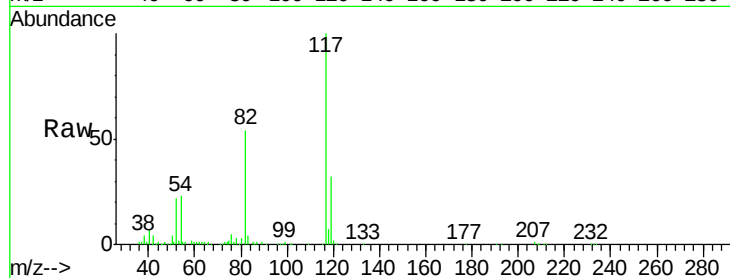




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF062332.D
Acq: 30 Apr 2019 14:28

Instrument :
MSVOA_F
ClientSampleId :
VF0430SBL01

Tot Ion:117 Resp: 383194
Ion Ratio Lower Upper
117 100
82 53.6 42.6 64.0
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF062332.D
Acq: 30 Apr 2019 14:28

Tgt Ion:152 Resp: 255049
Ion Ratio Lower Upper
152 100
115 53.7 25.6 76.8
150 152.9 0.0 330.6

