

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010719\
 Data File : VF061273.D
 Acq On : 7 Jan 2019 12:12
 Operator : VA/AP
 Sample : VF0107SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0107SBL01

Quant Time: Jan 08 00:26:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010319S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 03:27:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	225891	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.57	114	389245	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	329254	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.53	152	196621	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.81	65	141384	49.31	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	4.08	113	168423	56.24	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	112.48%	
50) Toluene-d8	7.52	98	428399	48.21	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	96.42%	
62) 4-Bromofluorobenzene	11.38	95	217036	55.12	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	110.24%	

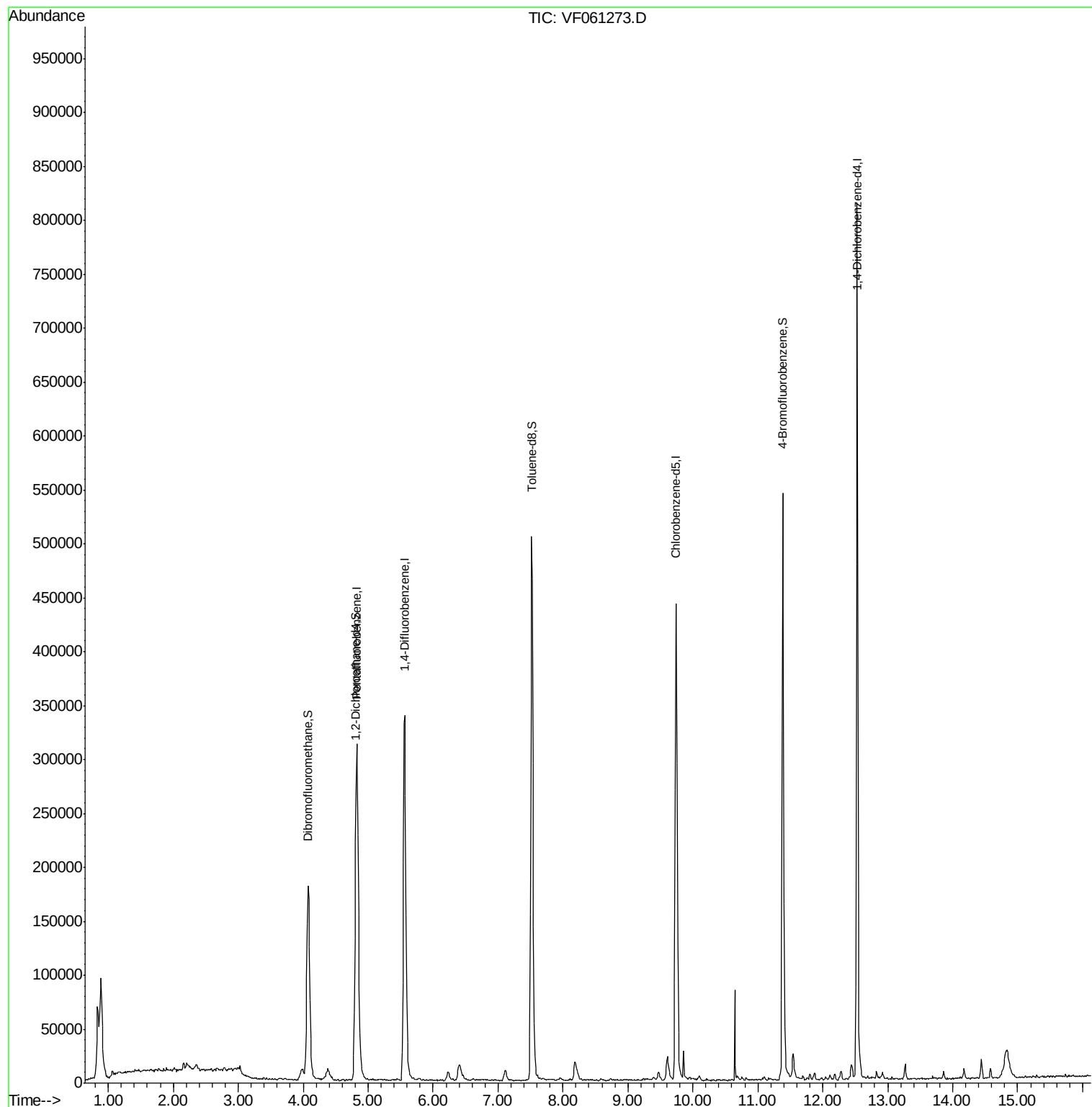
Target Compounds	Qvalue

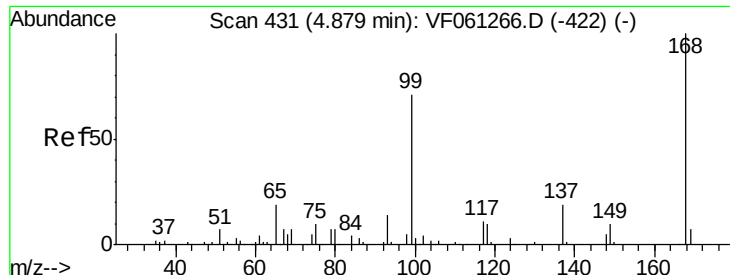
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jan 04 03:27:18 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.84 min Scan# 426

Delta R.T. -0.04 min

Lab File: VF061273.D

Acq: 7 Jan 2019 12:12

Instrument :

MSVOA_F

ClientSampleId :

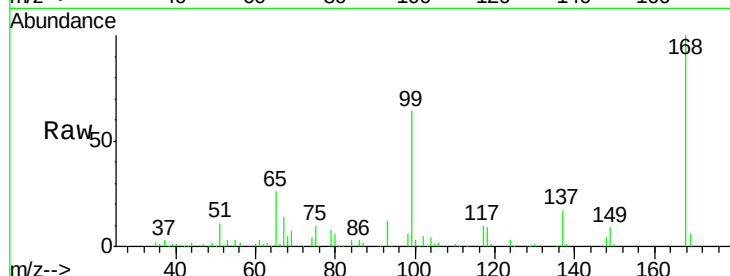
VF0107SBL01

Tot Ion:168 Resp: 225891

Ion Ratio Lower Upper

168 100

99 64.2 57.0 85.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.84

80000

60000

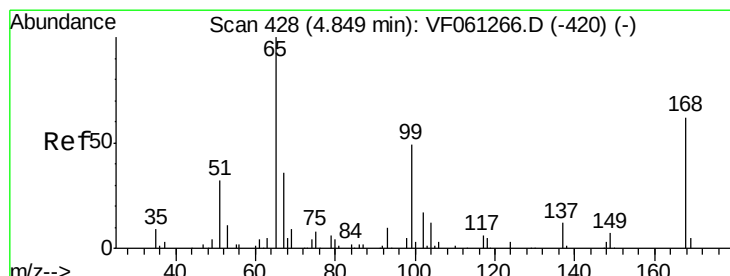
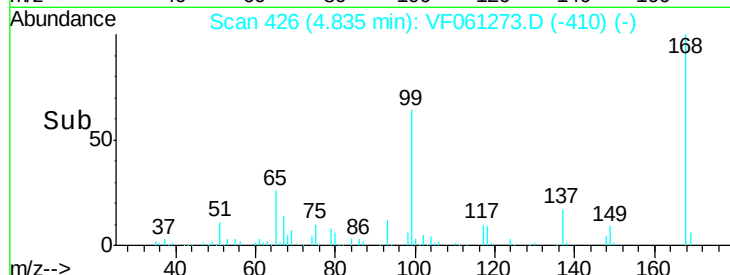
40000

20000

0

4.70 4.80 4.90 5.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.307 ug/l

RT: 4.81 min Scan# 423

Delta R.T. -0.04 min

Lab File: VF061273.D

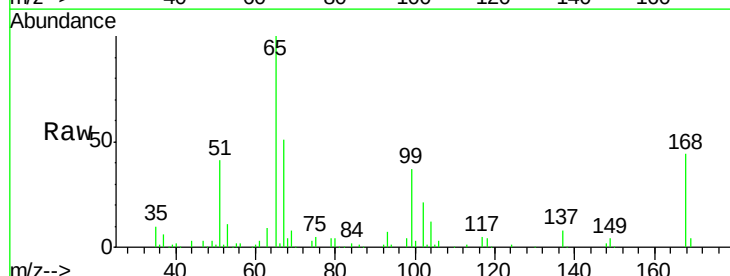
Acq: 7 Jan 2019 12:12

Tgt Ion: 65 Resp: 141384

Ion Ratio Lower Upper

65 100

67 51.2 0.0 90.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.81

50000

40000

30000

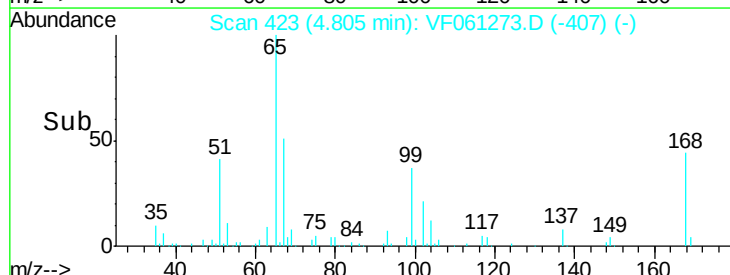
20000

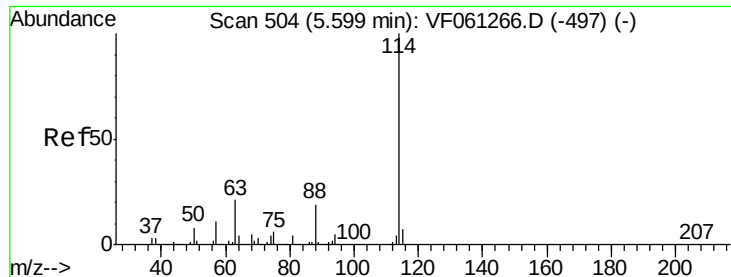
10000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.57 min Scan# 500

Delta R.T. -0.03 min

Lab File: VF061273.D

Acq: 7 Jan 2019 12:12

Instrument :

MSVOA_F

ClientSampleId :

VF0107SBL01

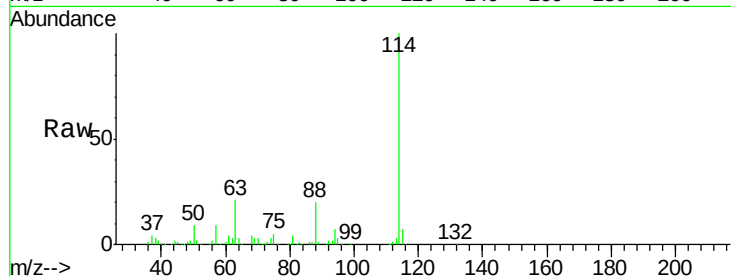
Tot Ion:114 Resp: 389245

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.8

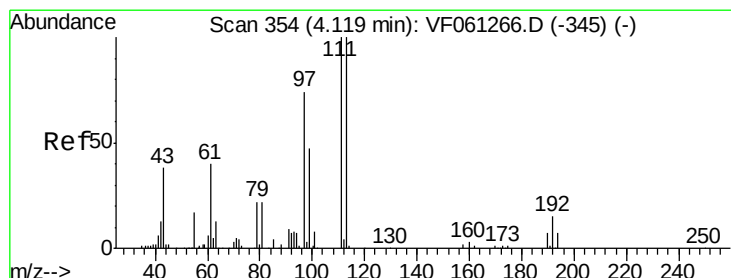
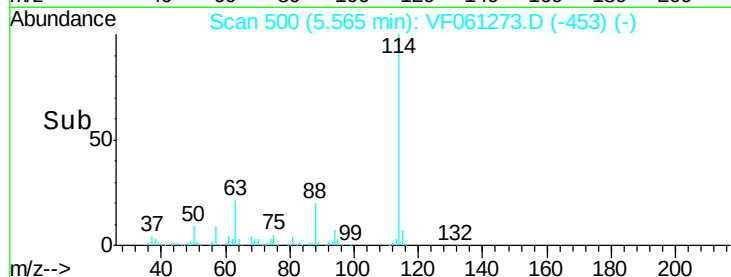
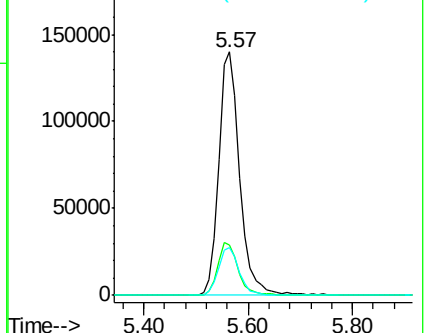
88 19.7 0.0 38.4



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: 56.241 ug/l

RT: 4.08 min Scan# 349

Delta R.T. -0.04 min

Lab File: VF061273.D

Acq: 7 Jan 2019 12:12

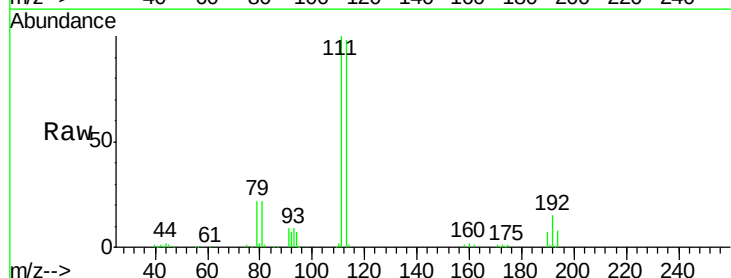
Tgt Ion:113 Resp: 168423

Ion Ratio Lower Upper

113 100

111 101.8 79.8 119.6

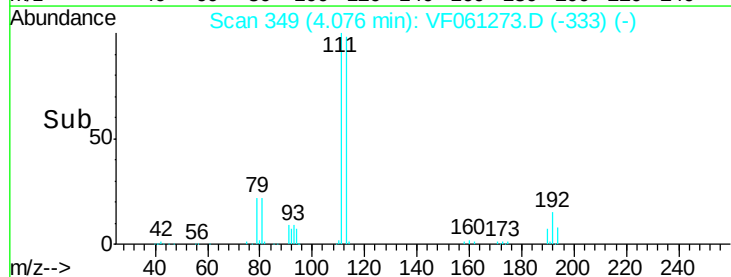
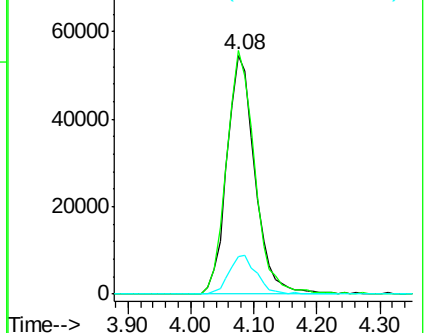
192 15.6 11.9 17.9

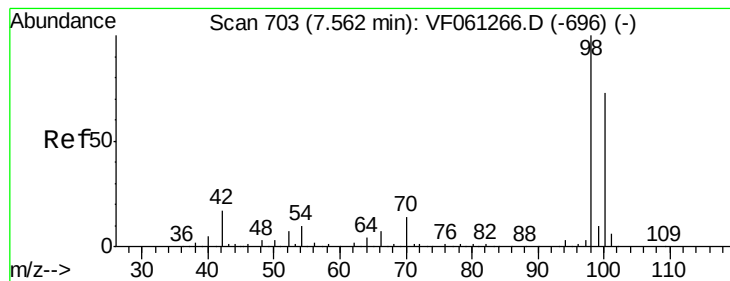


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 48.207 ug/l

RT: 7.52 min Scan# 698

Delta R.T. -0.04 min

Lab File: VF061273.D

Acq: 7 Jan 2019 12:12

Instrument :

MSVOA_F

ClientSampleId :

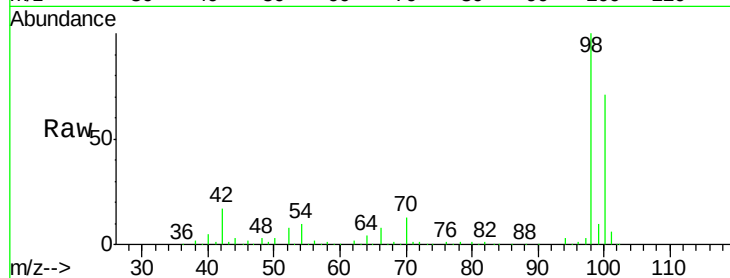
VF0107SBL01

Tot Ion: 98 Resp: 428399

Ion Ratio Lower Upper

98 100

100 70.7 58.1 87.1



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.52

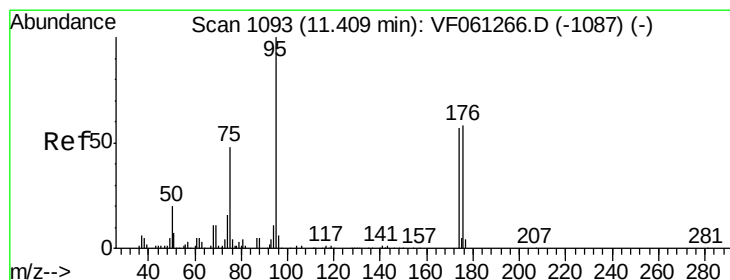
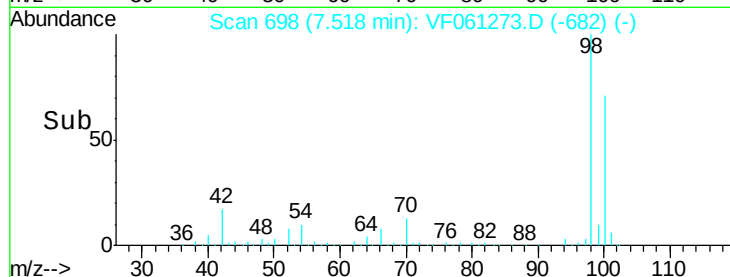
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.119 ug/l

RT: 11.38 min Scan# 1090

Delta R.T. -0.02 min

Lab File: VF061273.D

Acq: 7 Jan 2019 12:12

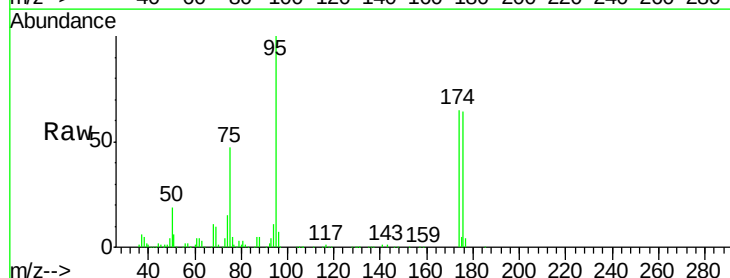
Tgt Ion: 95 Resp: 217036

Ion Ratio Lower Upper

95 100

174 64.7 0.0 113.2

176 63.9 0.0 115.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

11.38

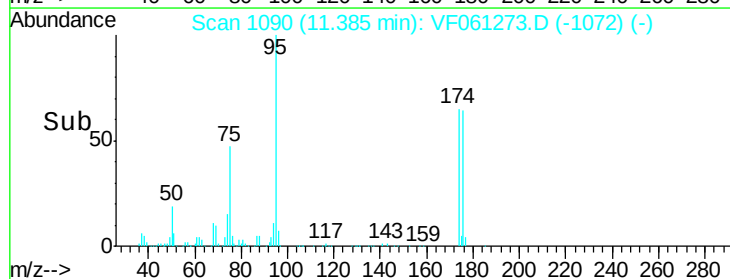
150000

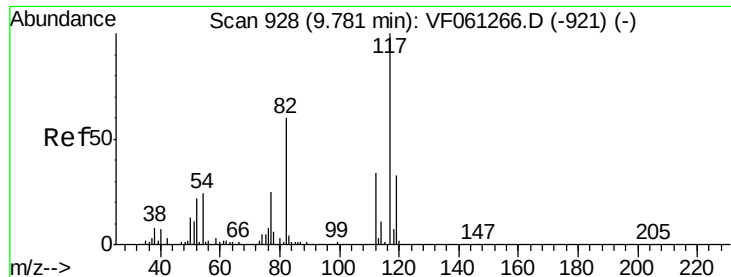
100000

50000

0

Time-->

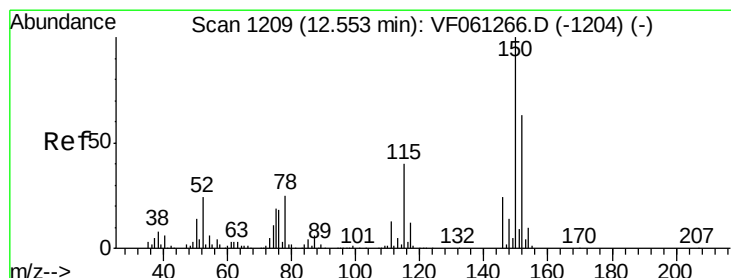
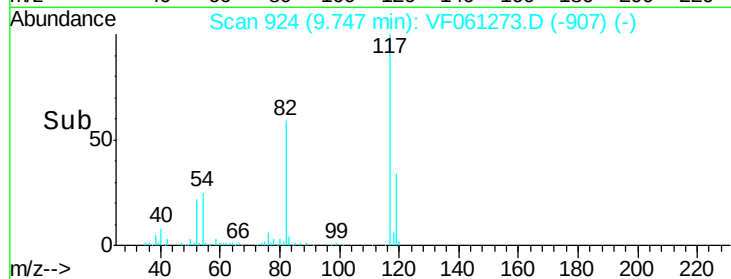
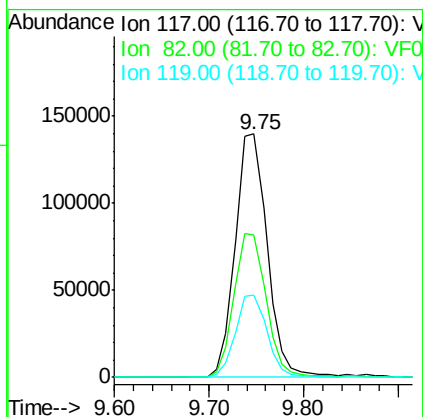
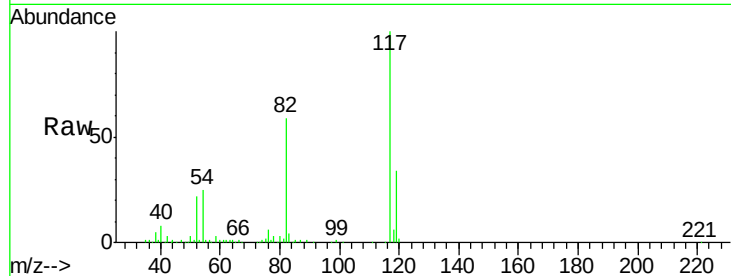




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 924
Delta R.T. -0.03 min
Lab File: VF061273.D
Acq: 7 Jan 2019 12:12

Instrument :
MSVOA_F
ClientSampleId :
VF0107SBL01

Tot Ion:117 Resp: 329254
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.6
119 33.9 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1206
Delta R.T. -0.02 min
Lab File: VF061273.D
Acq: 7 Jan 2019 12:12

Tgt Ion:152 Resp: 196621
Ion Ratio Lower Upper
152 100
115 60.7 31.6 94.7
150 151.4 0.0 320.2

