

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042619\
 Data File : VF062304.D
 Acq On : 26 Apr 2019 14:29
 Operator : FY/SY
 Sample : VF0426SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0426SBL01

Quant Time: Apr 27 00:58:54 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	5.08	168	417970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	566305	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.94	117	437348	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	278902	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	186782	55.17	ug/l	0.02
Spiked Amount	50.000		Recovery	=	110.34%	
35) Dibromofluoromethane	4.33	113	240351	57.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.48%	
50) Toluene-d8	7.73	98	493746	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.52	95	232841	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	

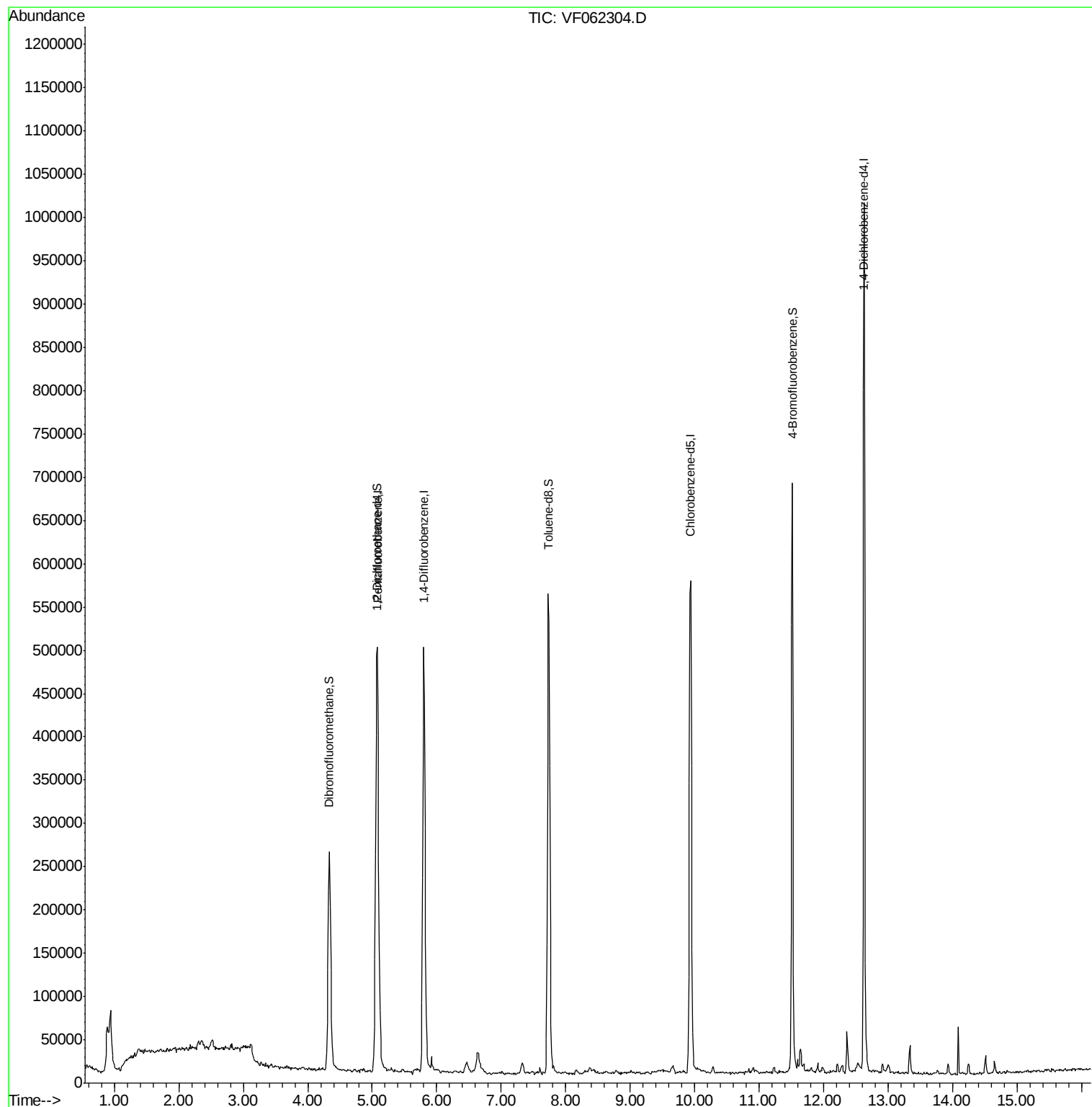
Target Compounds	Qvalue

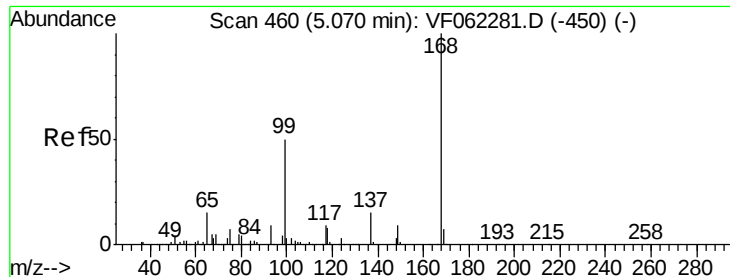
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042619\
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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: 5.08 min Scan# 461

Delta R.T. 0.01 min

Lab File: VF062304.D

Acq: 26 Apr 2019 14:29

Instrument :

MSVOA_F

ClientSampleId :

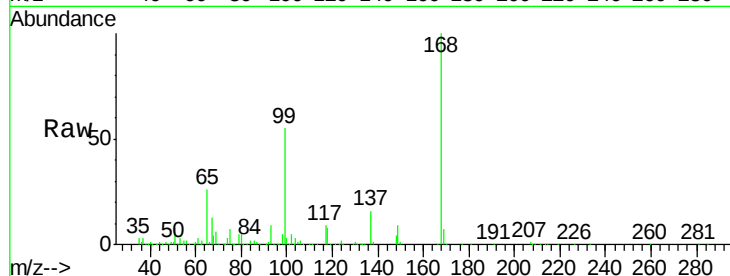
VF0426SBL01

Tot Ion:168 Resp: 417970

Ion Ratio Lower Upper

168 100

99 55.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.08

150000

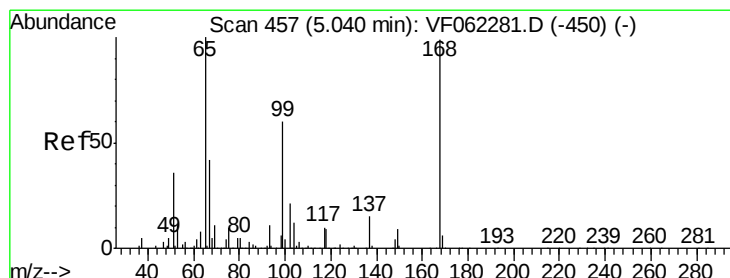
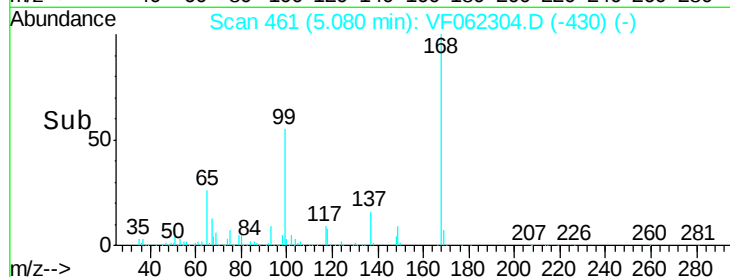
100000

50000

0

Time-->

5.00 5.20 5.40



#33

1,2-Dichloroethane-d4

Concen: 55.169 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.02 min

Lab File: VF062304.D

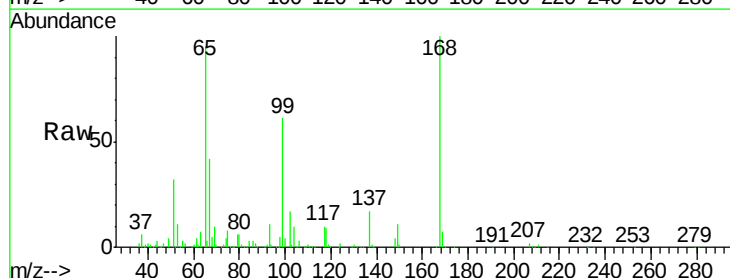
Acq: 26 Apr 2019 14:29

Tgt Ion: 65 Resp: 186782

Ion Ratio Lower Upper

65 100

67 49.1 0.0 98.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

80000

60000

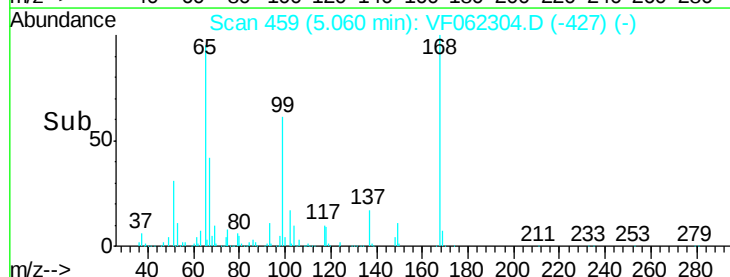
40000

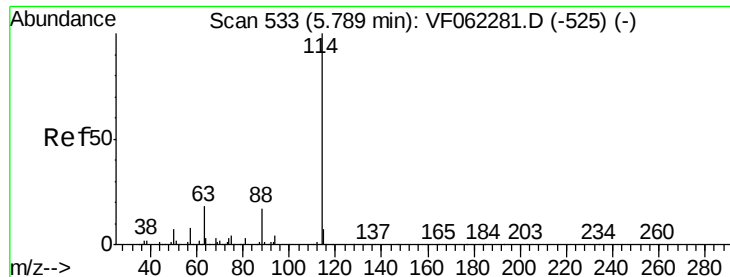
20000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.80 min Scan# 534

Delta R.T. 0.01 min

Lab File: VF062304.D

Acq: 26 Apr 2019 14:29

Instrument :

MSVOA_F

ClientSampleId :

VF0426SBL01

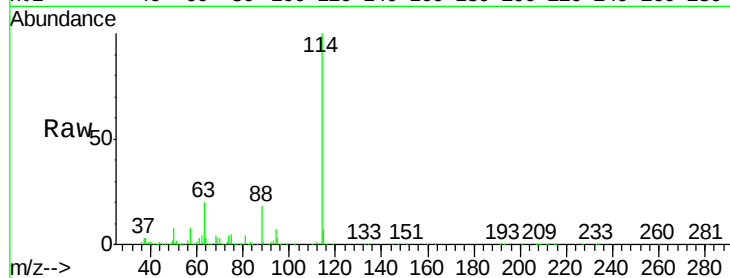
Tot Ion:114 Resp: 566305

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.6

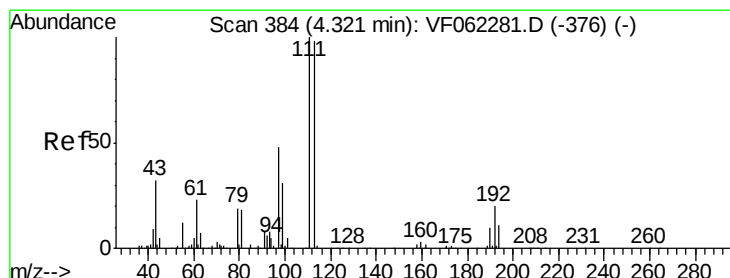
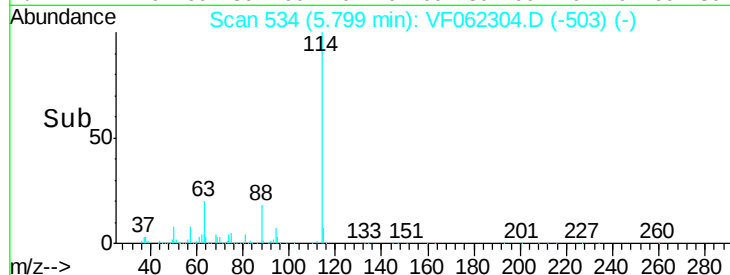
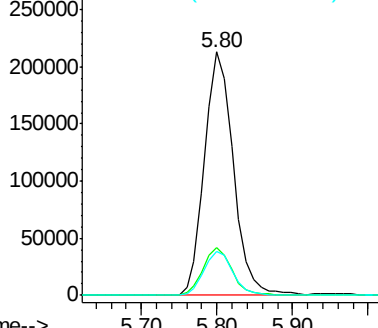
88 17.9 0.0 34.6



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: 57.242 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.01 min

Lab File: VF062304.D

Acq: 26 Apr 2019 14:29

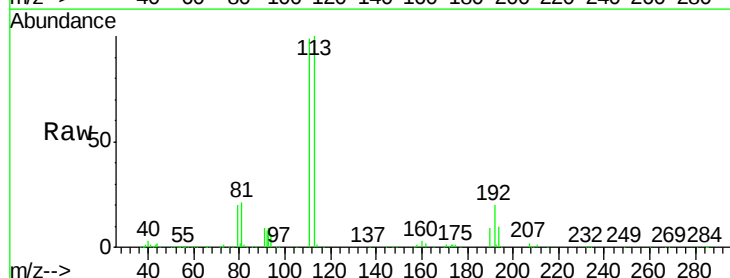
Tgt Ion:113 Resp: 240351

Ion Ratio Lower Upper

113 100

111 100.7 81.4 122.2

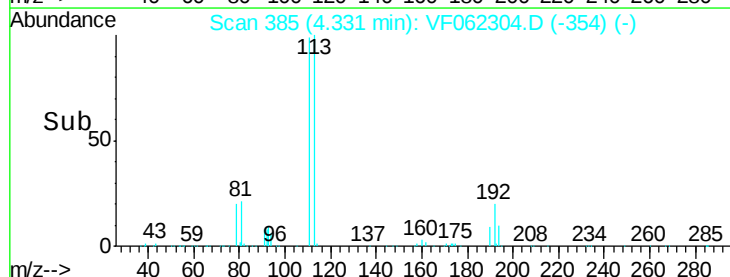
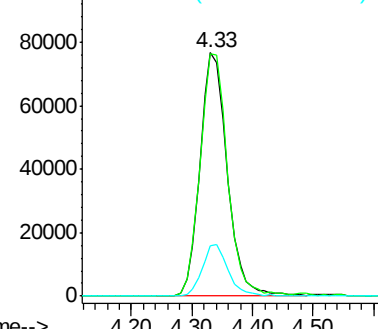
192 20.4 17.0 25.4

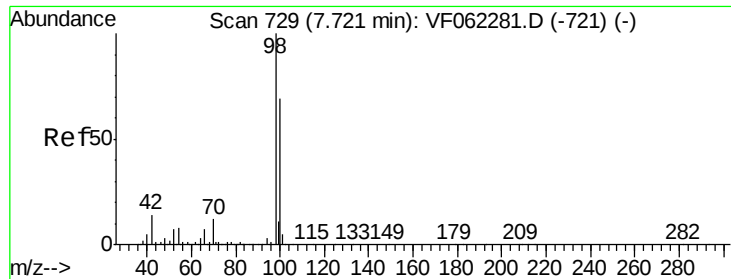


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.141 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.01 min

Lab File: VF062304.D

Acq: 26 Apr 2019 14:29

Instrument :

MSVOA_F

ClientSampleId :

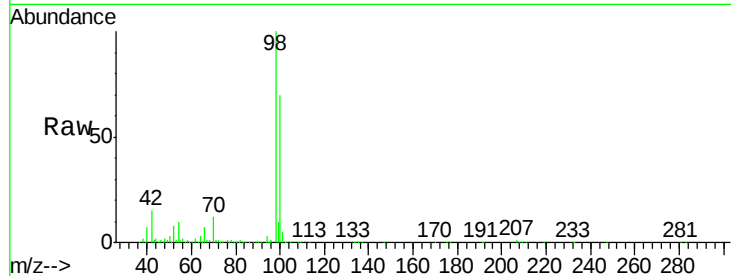
VF0426SBL01

Tot Ion: 98 Resp: 493746

Ion Ratio Lower Upper

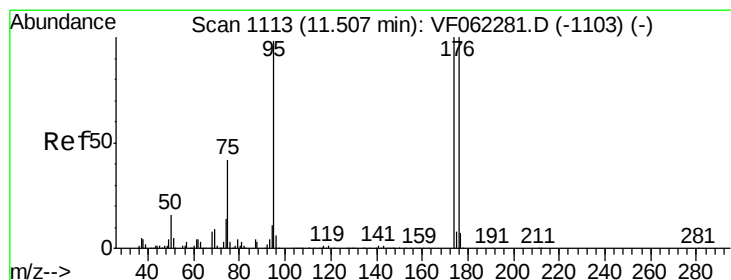
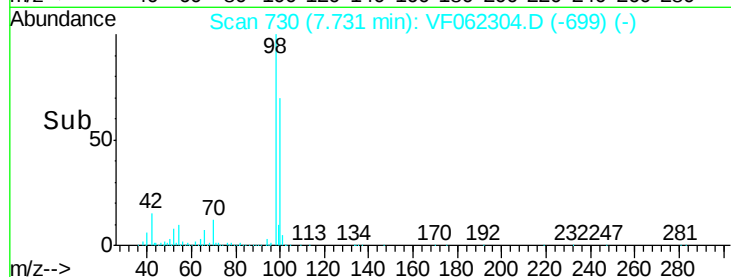
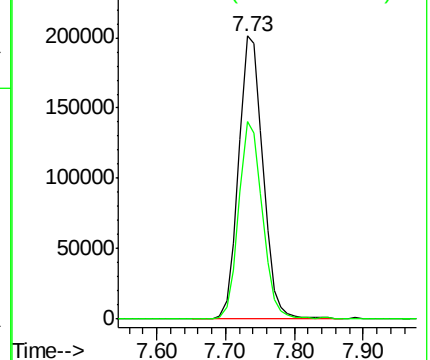
98 100

100 68.3 54.4 81.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 55.078 ug/l

RT: 11.52 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF062304.D

Acq: 26 Apr 2019 14:29

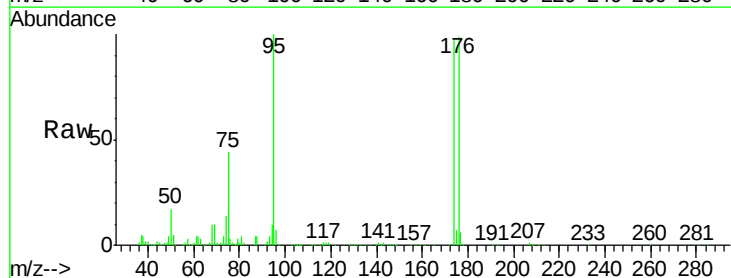
Tgt Ion: 95 Resp: 232841

Ion Ratio Lower Upper

95 100

174 92.7 0.0 185.2

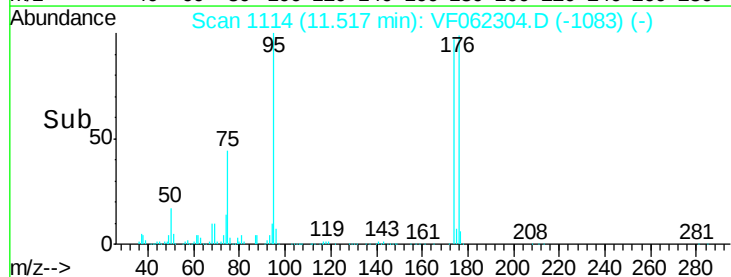
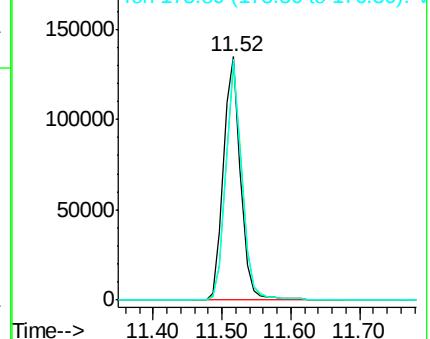
176 92.9 0.0 184.8

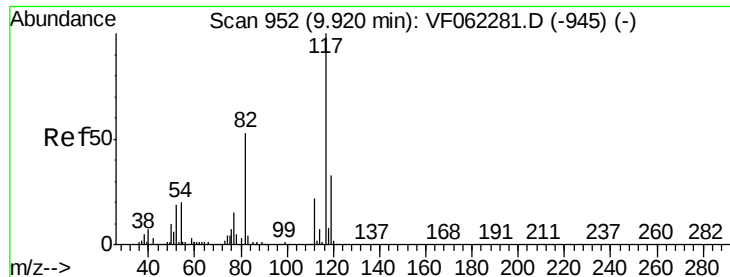


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

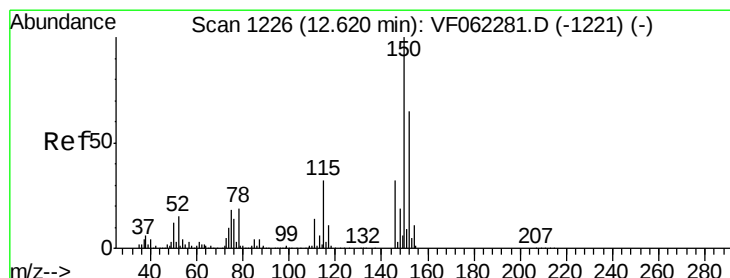
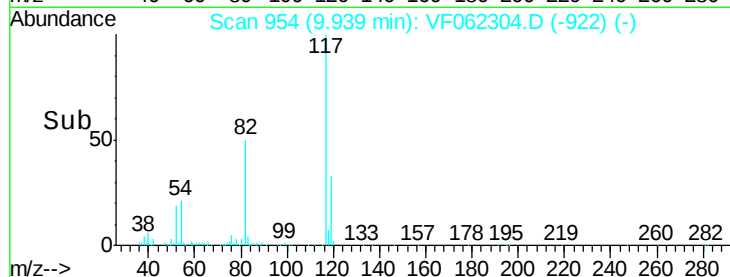
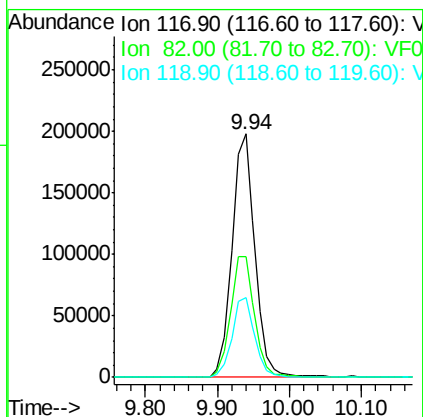
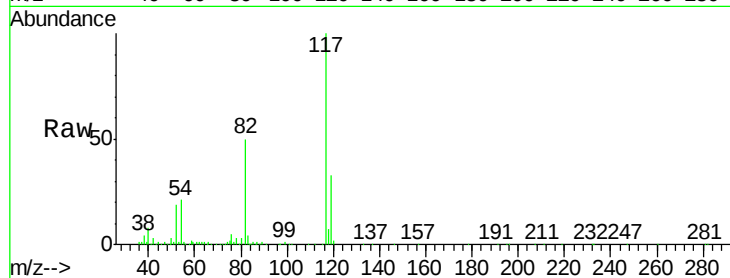




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.94 min Scan# 954
Delta R.T. 0.02 min
Lab File: VF062304.D
Acq: 26 Apr 2019 14:29

Instrument :
MSVOA_F
ClientSampleId :
VF0426SBL01

Tot Ion:117 Resp: 437348
Ion Ratio Lower Upper
117 100
82 49.7 42.6 64.0
119 32.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062304.D
Acq: 26 Apr 2019 14:29

Tgt Ion:152 Resp: 278902
Ion Ratio Lower Upper
152 100
115 53.9 25.6 76.8
150 151.6 0.0 330.6

