

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100918\
 Data File : VF060498.D
 Acq On : 9 Oct 2018 19:34
 Operator : VA/AP
 Sample : VF1009SBL01
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1009SBL01

Quant Time: Oct 10 02:49:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 10 02:28:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	264480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.73	114	412548	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	375536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	225321	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	208992	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
35) Dibromofluoromethane	4.26	113	228740	60.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.48%	
50) Toluene-d8	7.68	98	489276	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
62) 4-Bromofluorobenzene	11.49	95	220540	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	

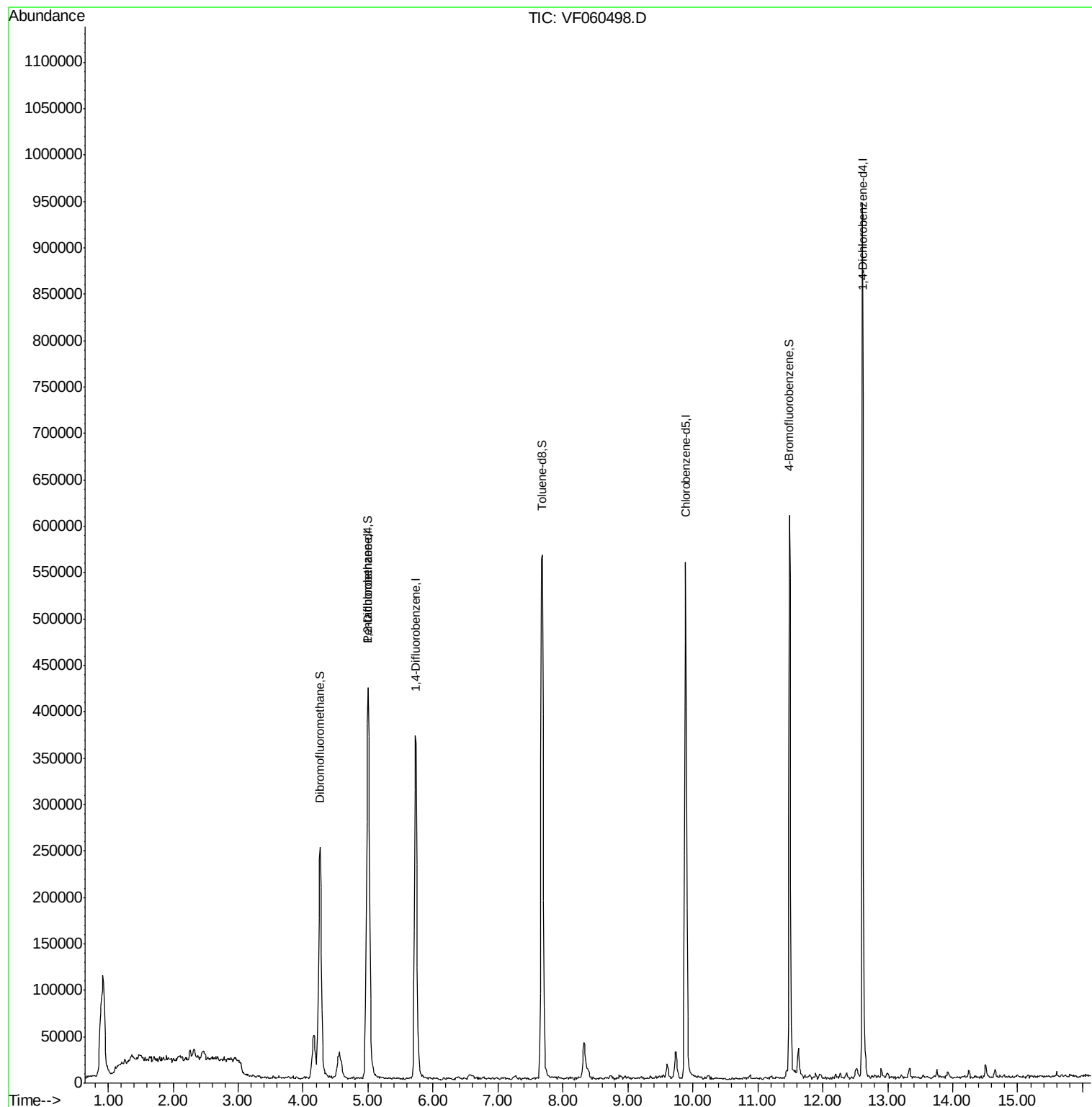
Target Compounds	Qvalue

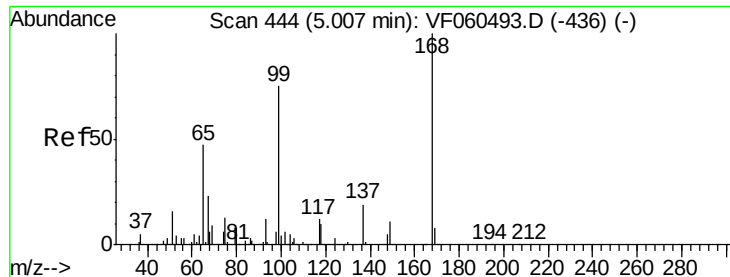
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 444

Delta R.T. 0.00 min

Lab File: VF060498.D

Acq: 9 Oct 2018 19:34

Instrument :

MSVOA_F

ClientSampleId :

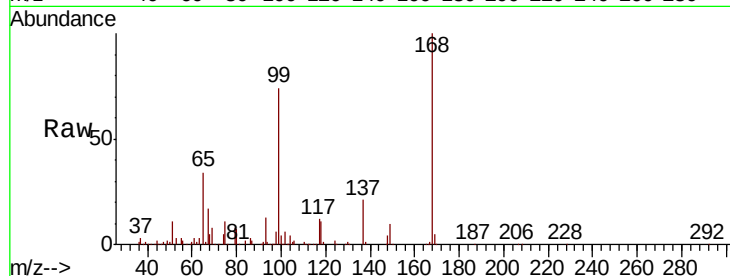
VF1009SBL01

Tot Ion:168 Resp: 264480

Ion Ratio Lower Upper

168 100

99 74.1 60.3 90.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.01

80000

60000

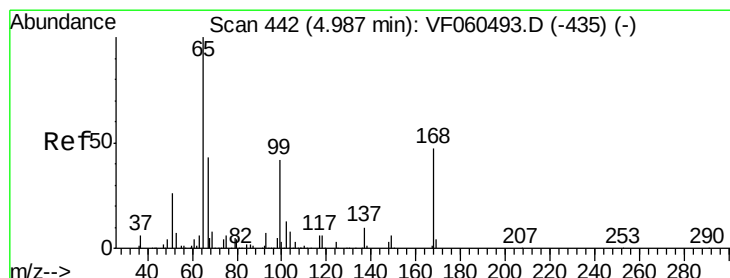
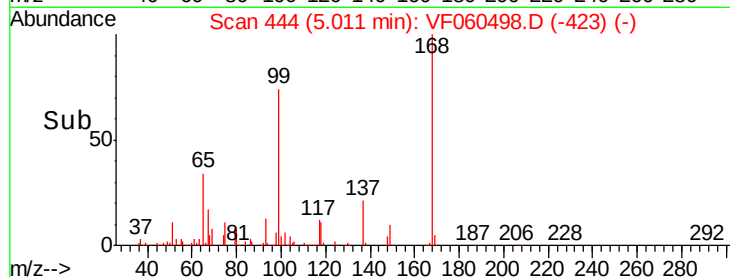
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.105 ug/l

RT: 4.99 min Scan# 442

Delta R.T. 0.00 min

Lab File: VF060498.D

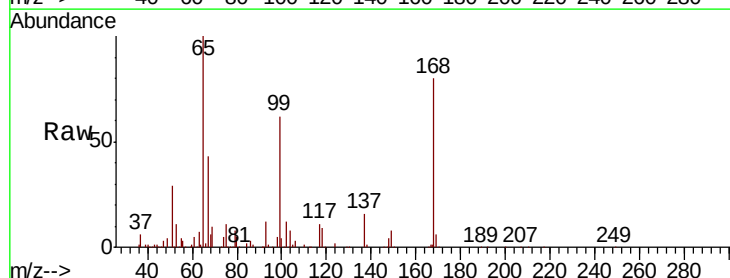
Acq: 9 Oct 2018 19:34

Tgt Ion: 65 Resp: 208992

Ion Ratio Lower Upper

65 100

67 42.8 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.99

80000

60000

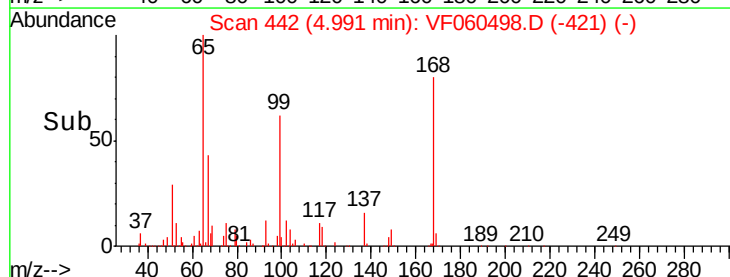
40000

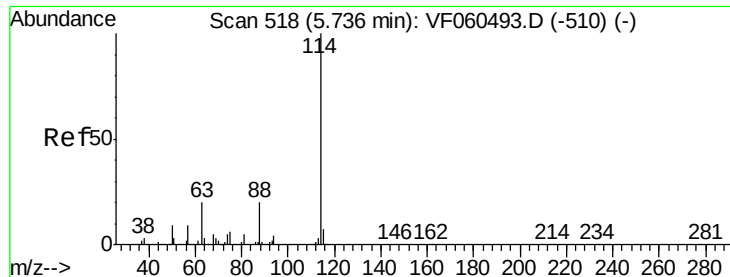
20000

0

4.80 4.90 5.00 5.10 5.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.73 min Scan# 517

Delta R.T. -0.01 min

Lab File: VF060498.D

Acq: 9 Oct 2018 19:34

Instrument :

MSVOA_F

ClientSampleId :

VF1009SBL01

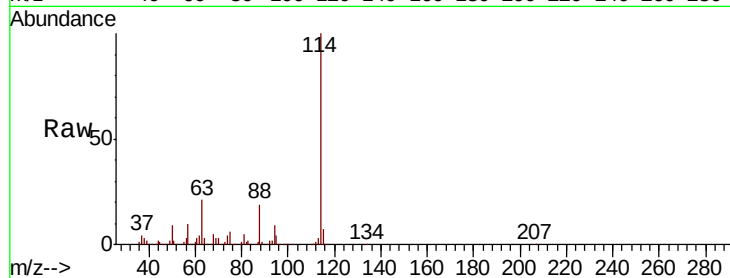
Tot Ion:114 Resp: 412548

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

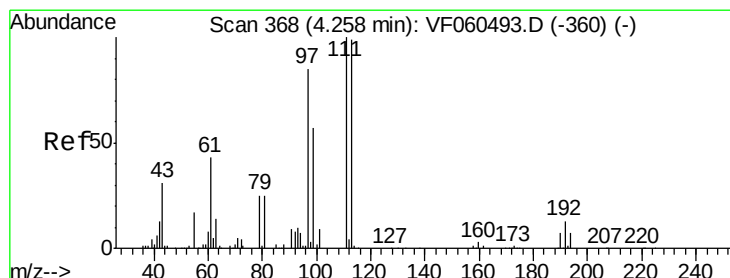
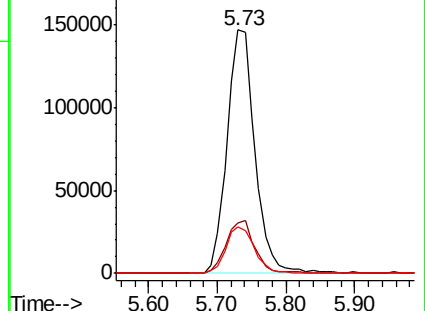
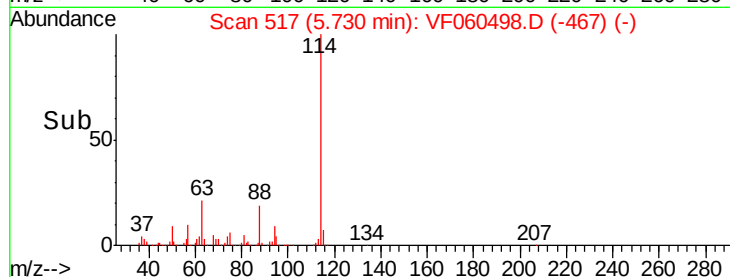
88 19.0 0.0 40.2



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: 60.235 ug/l

RT: 4.26 min Scan# 368

Delta R.T. 0.00 min

Lab File: VF060498.D

Acq: 9 Oct 2018 19:34

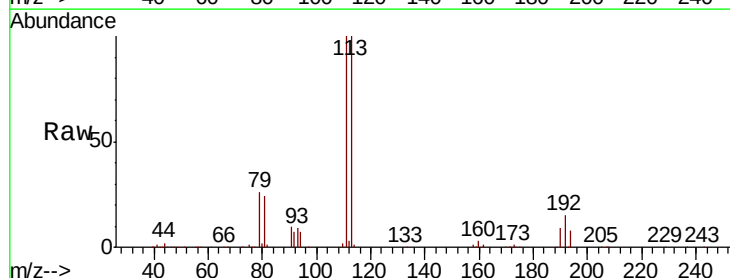
Tgt Ion:113 Resp: 228740

Ion Ratio Lower Upper

113 100

111 100.3 81.0 121.6

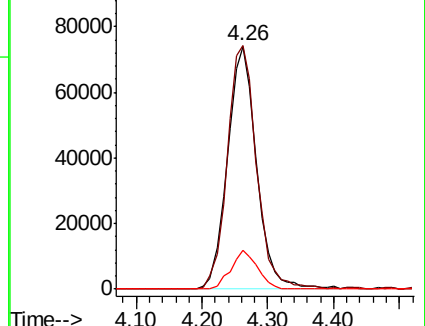
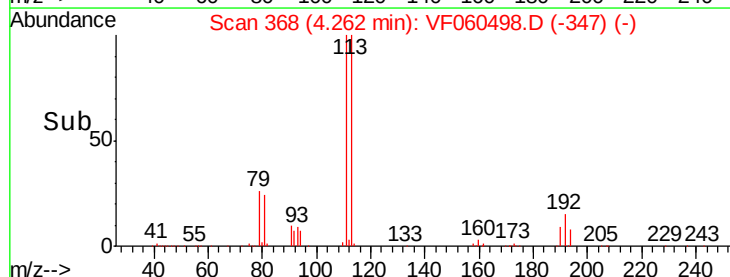
192 15.7 10.7 16.1

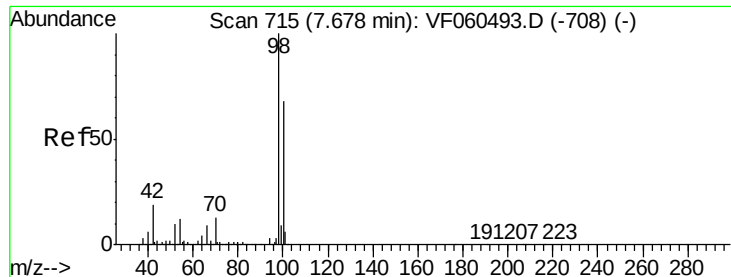


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 53.604 ug/l

RT: 7.68 min Scan# 715

Delta R.T. 0.00 min

Lab File: VF060498.D

Acq: 9 Oct 2018 19:34

Instrument :

MSVOA_F

ClientSampleId :

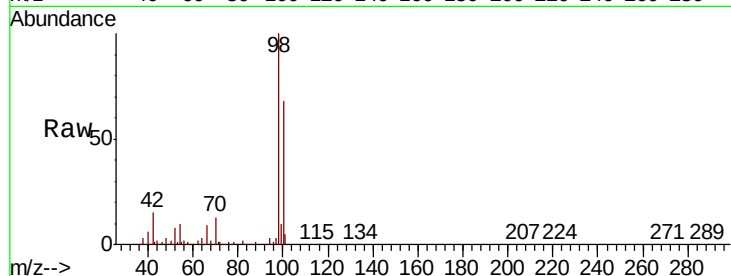
VF1009SBL01

Tot Ion: 98 Resp: 489276

Ion Ratio Lower Upper

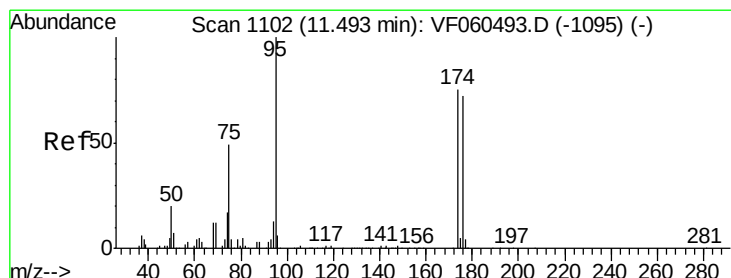
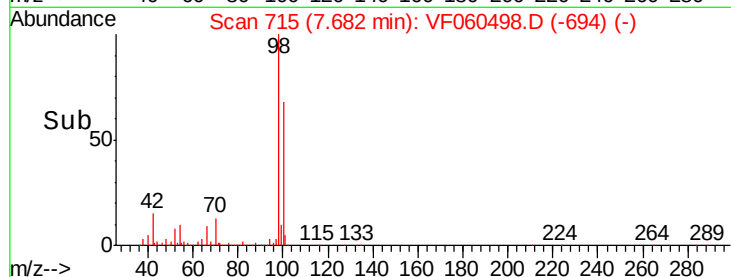
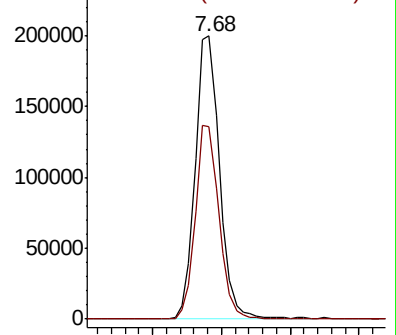
98 100

100 67.9 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: 55.070 ug/l

RT: 11.49 min Scan# 1101

Delta R.T. -0.01 min

Lab File: VF060498.D

Acq: 9 Oct 2018 19:34

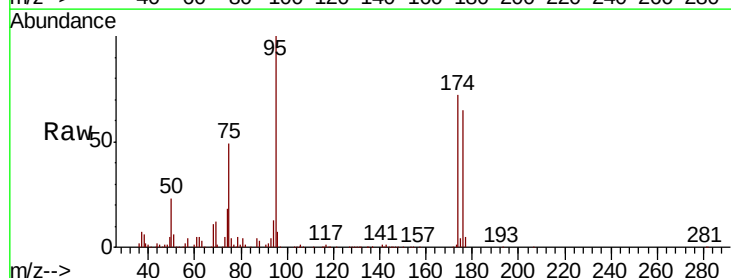
Tgt Ion: 95 Resp: 220540

Ion Ratio Lower Upper

95 100

174 71.6 0.0 150.4

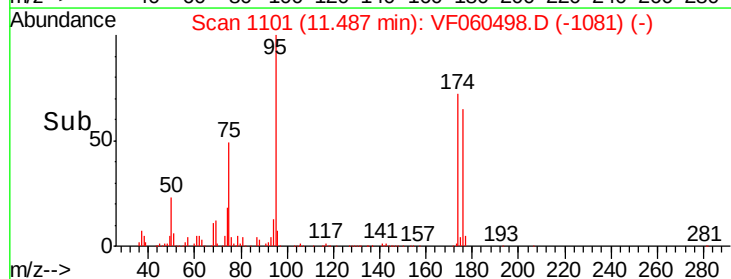
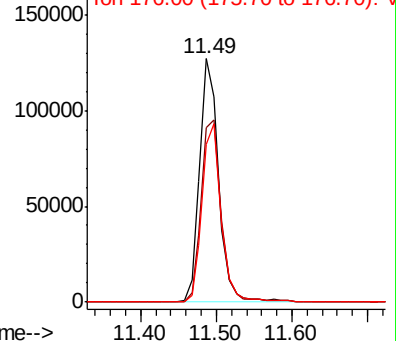
176 64.7 0.0 144.6

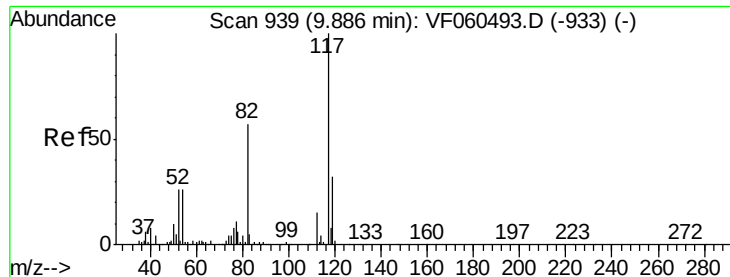


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

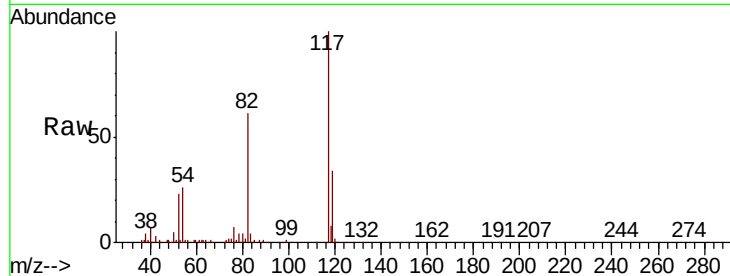




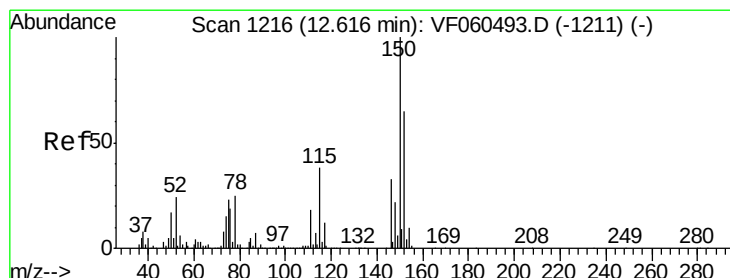
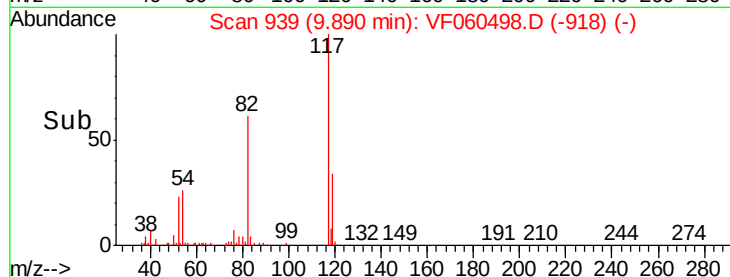
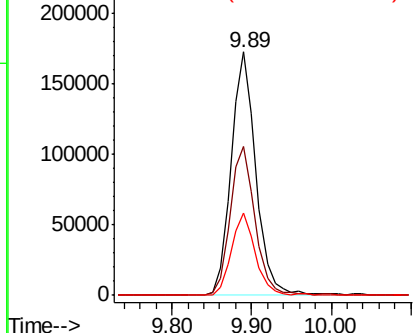
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 939
Delta R.T. 0.00 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Instrument :
MSVOA_F
ClientSampleId :
VF1009SBL01

Tot Ion:117 Resp: 375536
Ion Ratio Lower Upper
117 100
82 61.3 45.6 68.4
119 33.8 25.3 37.9

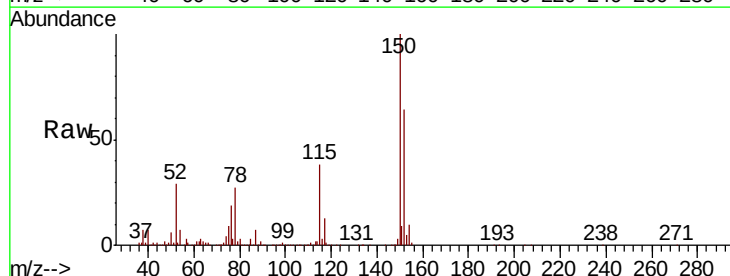


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1215
Delta R.T. -0.01 min
Lab File: VF060498.D
Acq: 9 Oct 2018 19:34

Tgt Ion:152 Resp: 225321
Ion Ratio Lower Upper
152 100
115 60.0 29.5 88.5
150 155.9 0.0 310.0



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

