

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
 Data File : VD060582.D
 Acq On : 14 Dec 2018 19:22
 Operator : VA/AP
 Sample : J6403-45
 Misc : 4.76g/5ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6-B

Quant Time: Dec 14 23:13:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

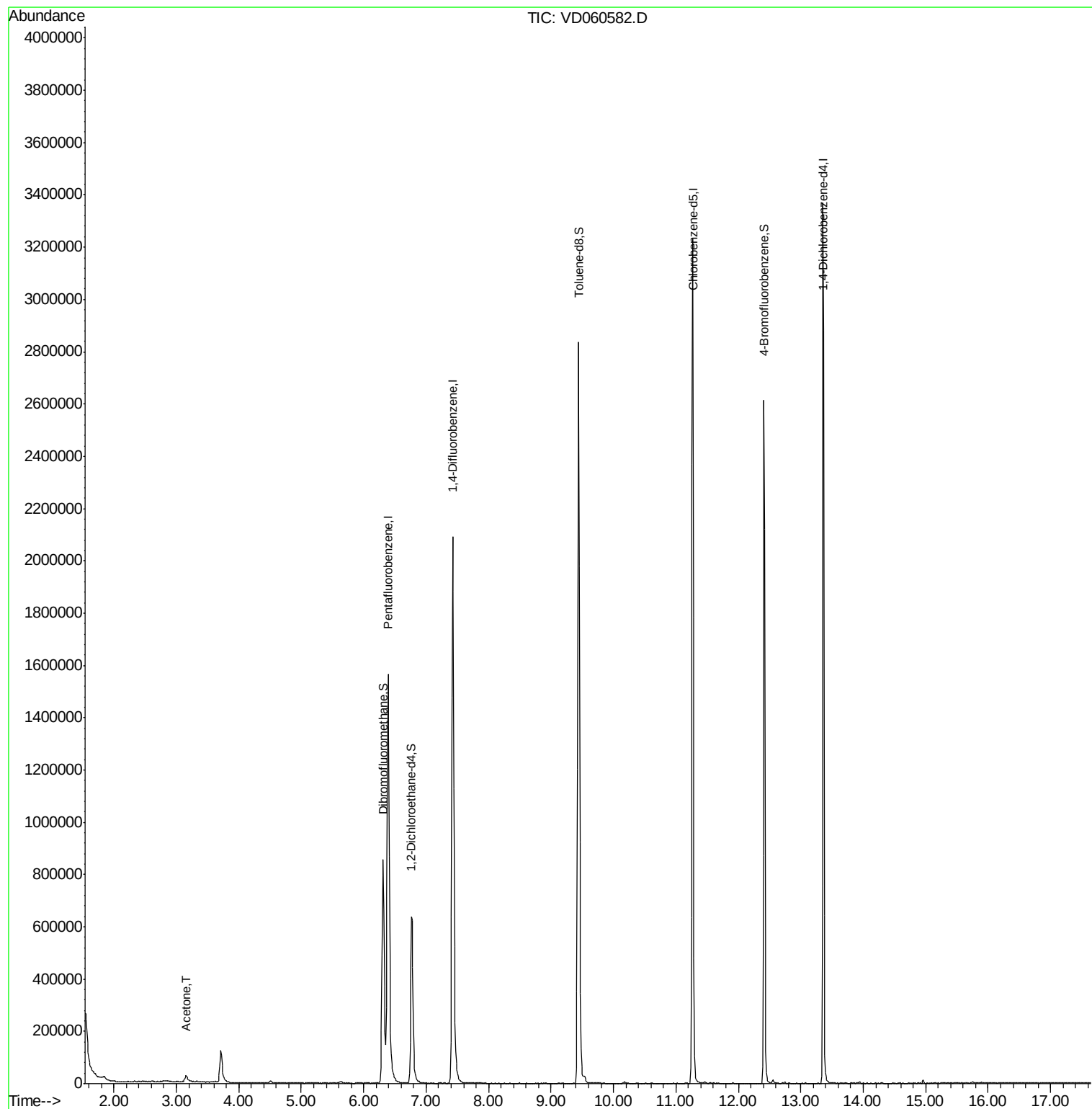
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1579404	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	2226698	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1722031	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	820300	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	549864	49.12	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	98.24%	
35) Dibromofluoromethane	6.31	113	696540	42.59	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.18%	
50) Toluene-d8	9.44	98	2270330	47.97	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	95.94%	
62) 4-Bromofluorobenzene	12.41	95	755269	44.60	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	89.20%	
Target Compounds						
16) Acetone	3.15	43	49710	27.702	ug/l #	Qvalue 90

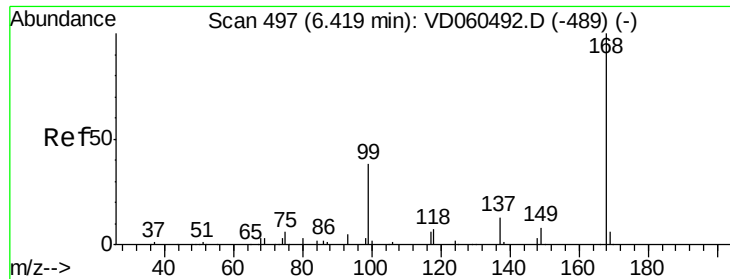
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
Data File : VD060582.D
Acq On : 14 Dec 2018 19:22
Operator : VA/AP
Sample : J6403-45
Misc : 4.76g/5ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-6-B

Quant Time: Dec 14 23:13:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.03 min

Lab File: VD060582.D

Acq: 14 Dec 2018 19:22

Instrument :

MSVOA_D

ClientSampleId :

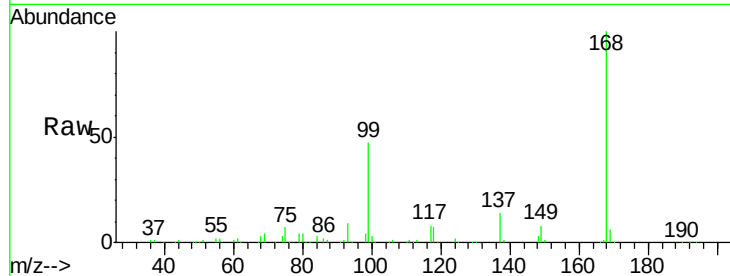
TP-6-B

Tgt Ion:168 Resp: 1579404

Ion Ratio Lower Upper

168 100

99 46.7 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

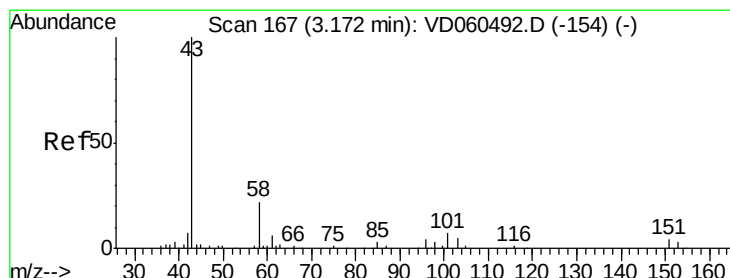
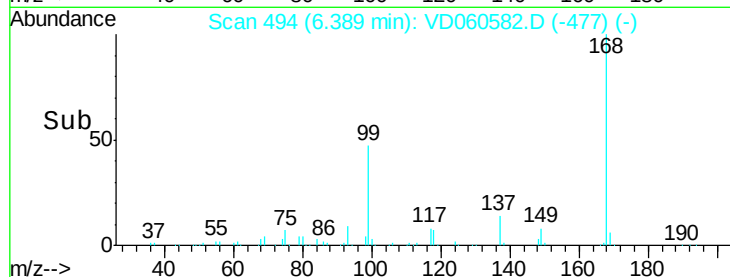
600000

400000

200000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#16

Acetone

Concen: 27.702 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060582.D

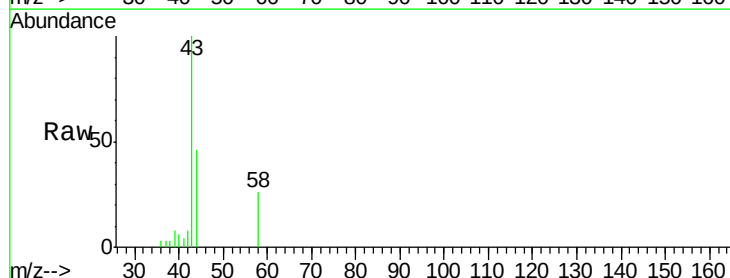
Acq: 14 Dec 2018 19:22

Tgt Ion: 43 Resp: 49710

Ion Ratio Lower Upper

43 100

58 26.4 17.3 25.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.15

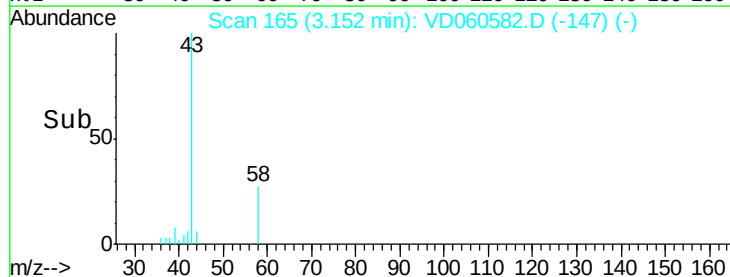
15000

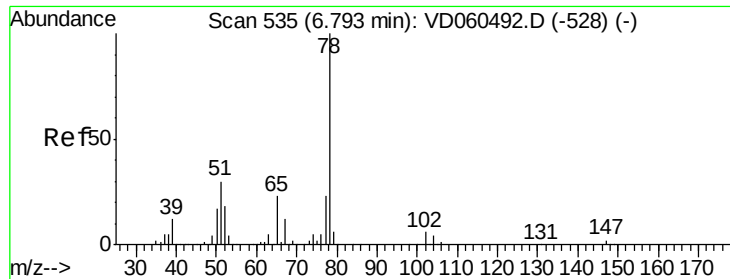
10000

5000

0

Time--> 3.00 3.10 3.20 3.30





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. -0.02 min

Lab File: VD060582.D

Acq: 14 Dec 2018 19:22

Instrument :

MSVOA_D

ClientSampleId :

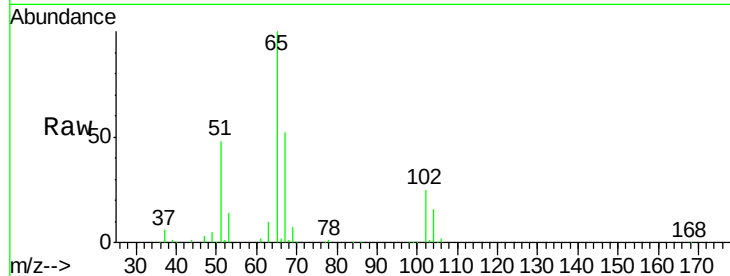
TP-6-B

Tgt Ion: 65 Resp: 549864

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.77

200000

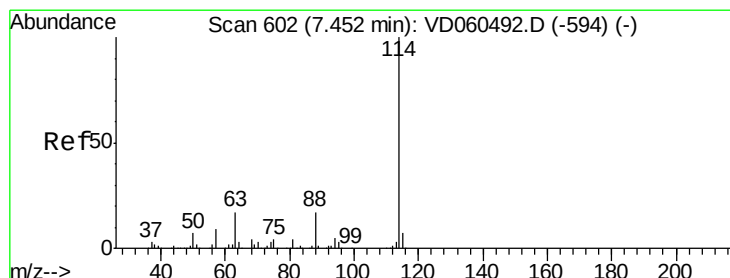
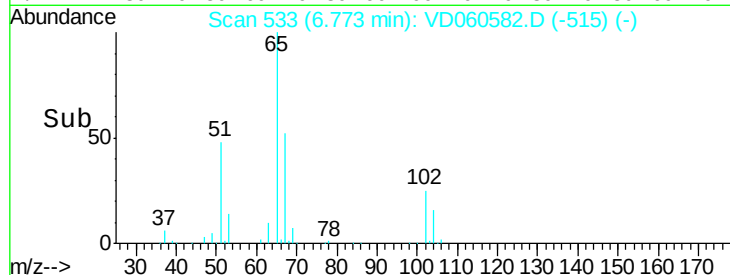
150000

100000

50000

0

Time--> 6.60 6.70 6.80 6.90



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.42 min Scan# 599

Delta R.T. -0.03 min

Lab File: VD060582.D

Acq: 14 Dec 2018 19:22

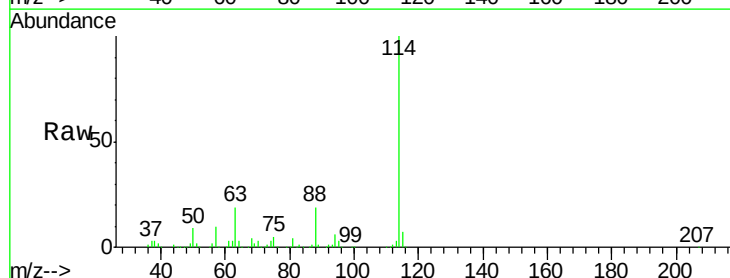
Tgt Ion: 114 Resp: 2226698

Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.2

88 18.9 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

1200000

1000000

800000

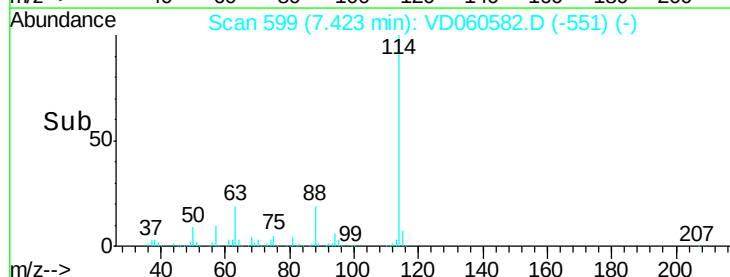
600000

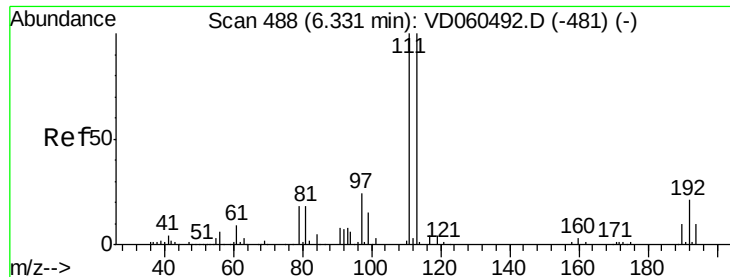
400000

200000

0

Time--> 7.20 7.40 7.60





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.31 min Scan# 486

Delta R.T. -0.02 min

Lab File: VD060582.D

Acq: 14 Dec 2018 19:22

Instrument :

MSVOA_D

ClientSampleId :

TP-6-B

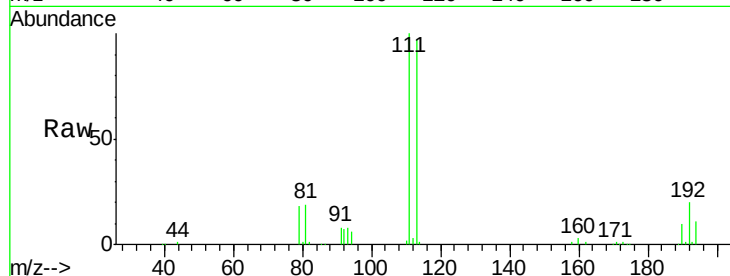
Tgt Ion:113 Resp: 696540

Ion Ratio Lower Upper

113 100

111 103.0 80.2 120.4

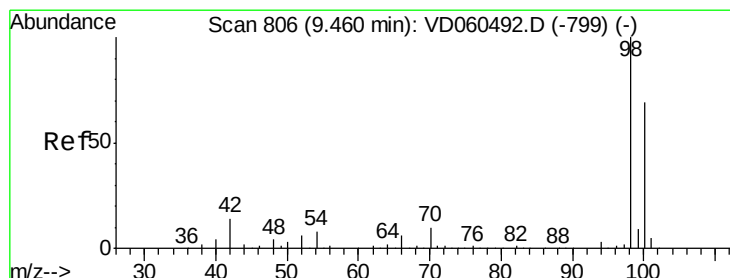
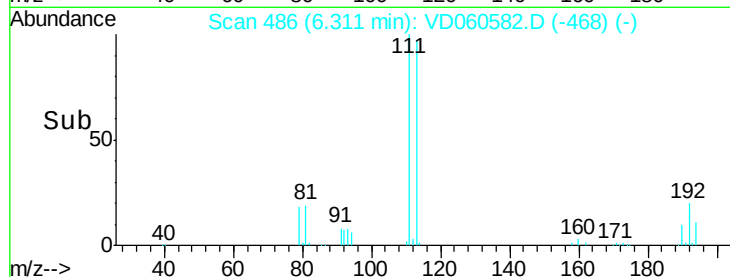
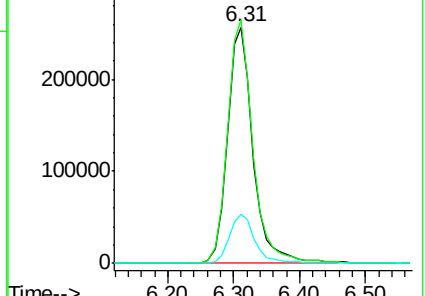
192 20.7 16.6 24.8



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.44 min Scan# 804

Delta R.T. -0.02 min

Lab File: VD060582.D

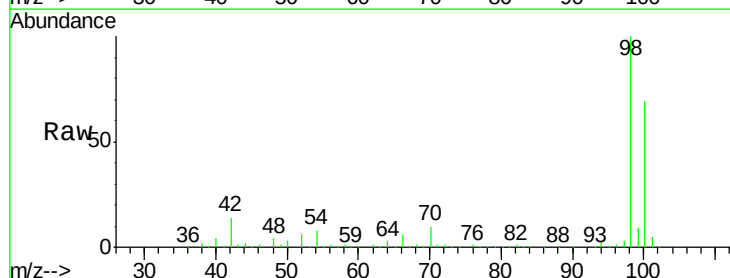
Acq: 14 Dec 2018 19:22

Tgt Ion: 98 Resp: 2270330

Ion Ratio Lower Upper

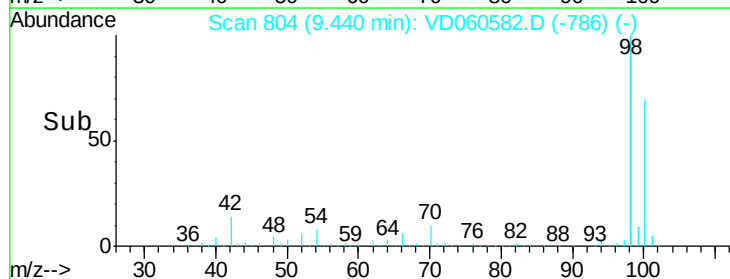
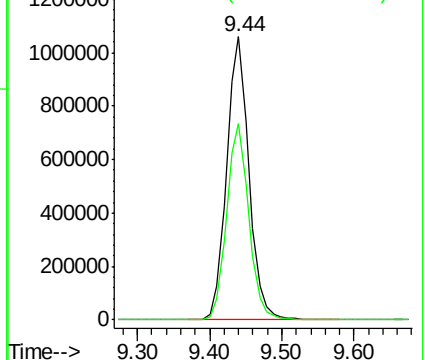
98 100

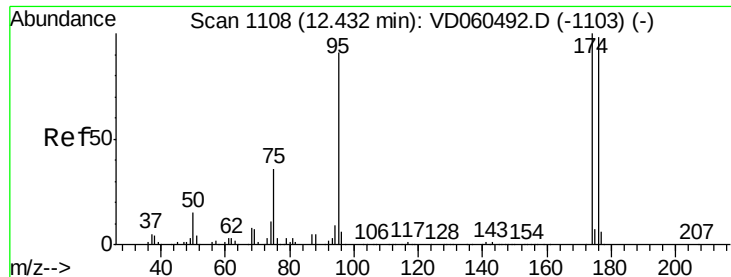
100 69.4 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.02 min

Lab File: VD060582.D

Acq: 14 Dec 2018 19:22

Instrument :

MSVOA_D

ClientSampleId :

TP-6-B

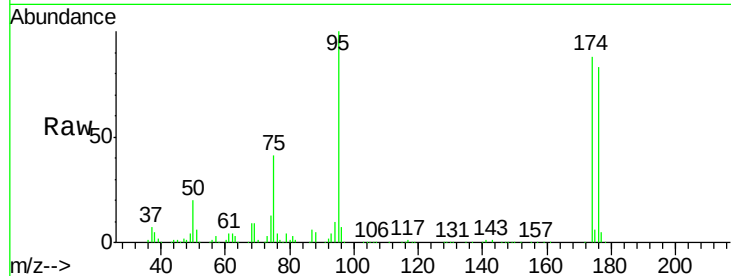
Tgt Ion: 95 Resp: 755269

Ion Ratio Lower Upper

95 100

174 88.4 0.0 219.4

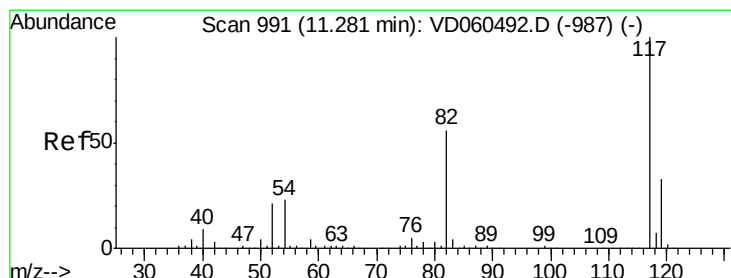
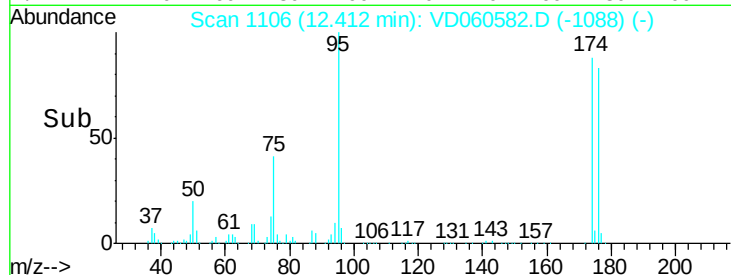
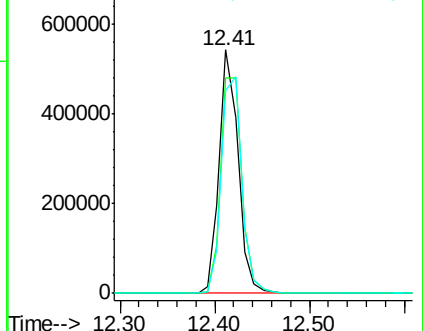
176 83.2 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.27 min Scan# 990

Delta R.T. -0.01 min

Lab File: VD060582.D

Acq: 14 Dec 2018 19:22

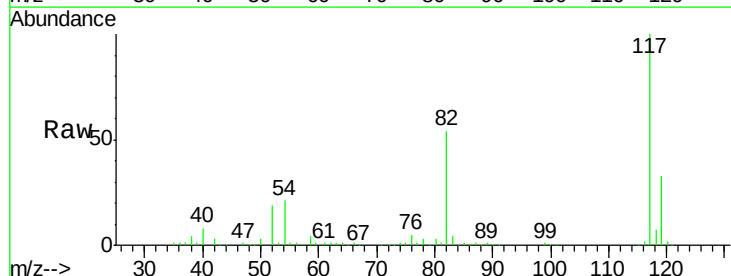
Tgt Ion: 117 Resp: 1722031

Ion Ratio Lower Upper

117 100

82 54.4 45.2 67.8

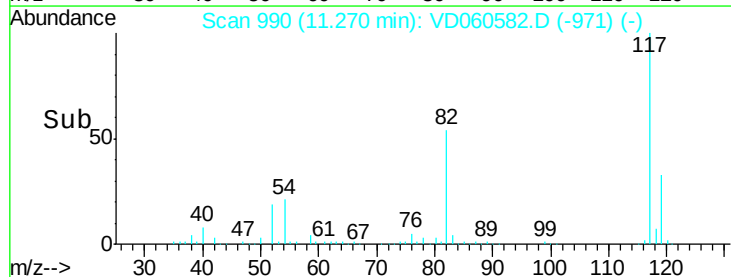
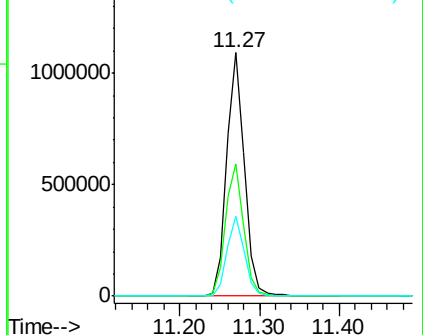
119 33.0 26.1 39.1

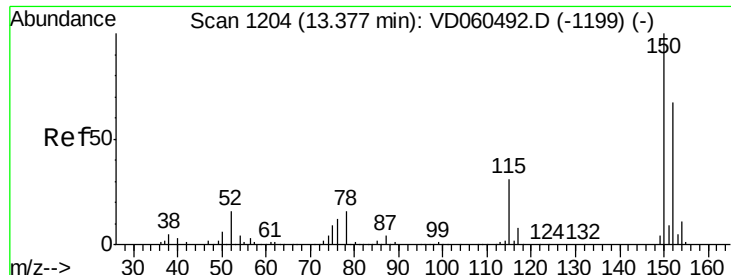


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

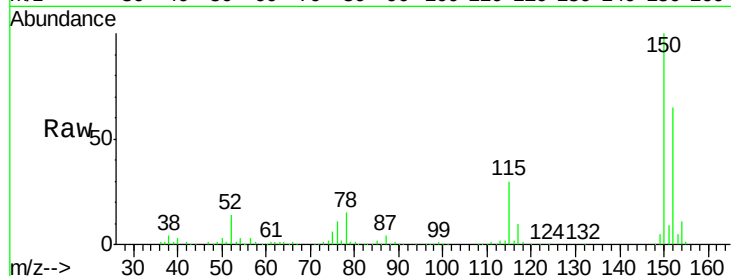




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.37 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: VD060582.D
 Acq: 14 Dec 2018 19:22

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6-B

Tgt Ion:152 Resp: 820300
 Ion Ratio Lower Upper
 152 100
 115 45.4 24.6 74.0
 150 152.9 0.0 309.0



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

