

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD062017.D
 Acq On : 25 Apr 2019 3:33
 Operator : VA/AP
 Sample : K2542-02
 Misc : 6.11g/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6-2

Quant Time: Apr 25 05:14:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

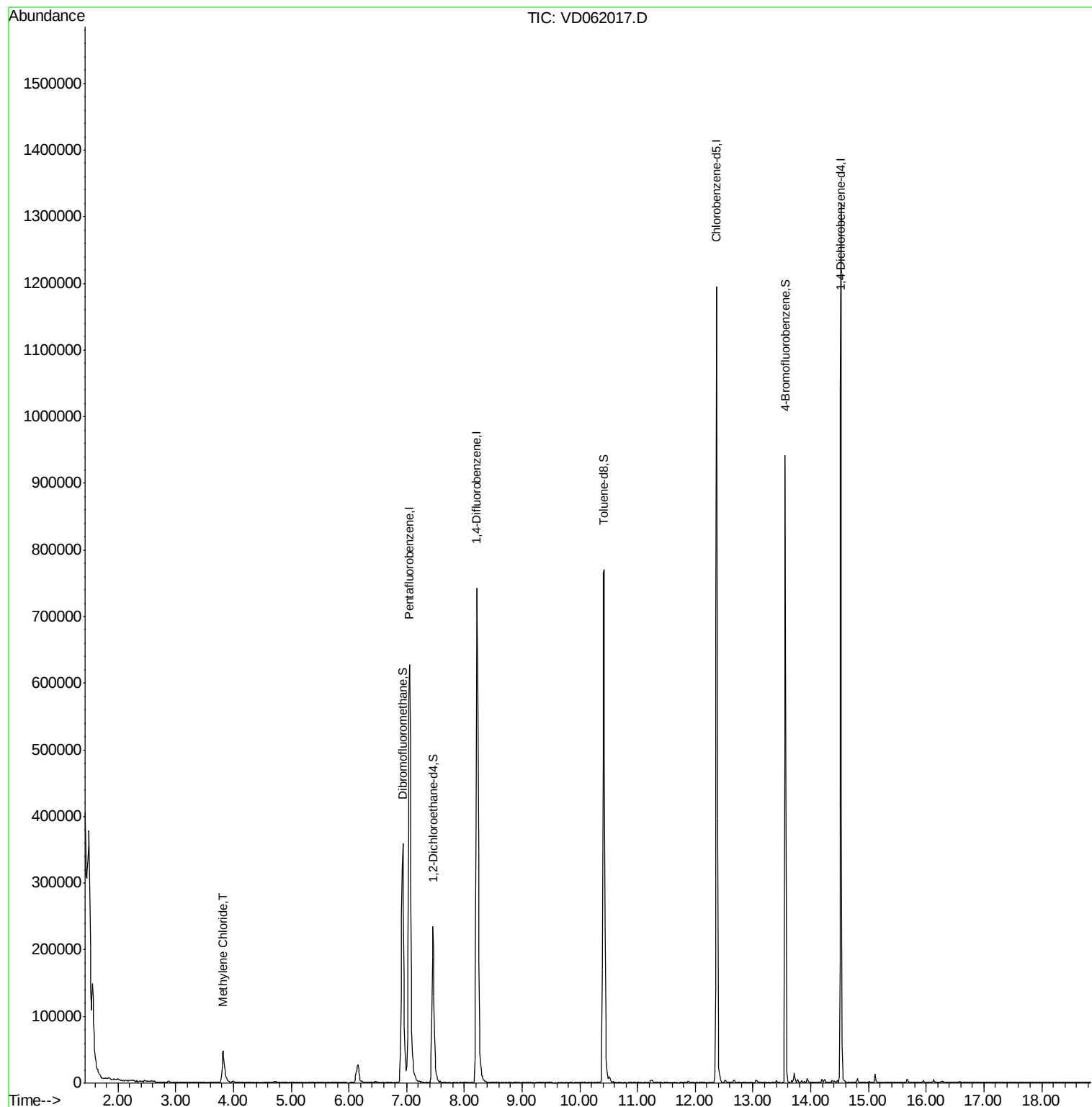
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	635001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	941448	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	794878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	321117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	234391	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
35) Dibromofluoromethane	6.93	113	336445	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
50) Toluene-d8	10.42	98	714473	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
62) 4-Bromofluorobenzene	13.56	95	272108	43.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.58%	
Target Compounds						
20) Methylene Chloride	3.82	84	36998	3.435	ug/l	Qvalue 98

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

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Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.00 min

Lab File: VD062017.D

Acq: 25 Apr 2019 3:33

Instrument :

MSVOA_D

ClientSampleId :

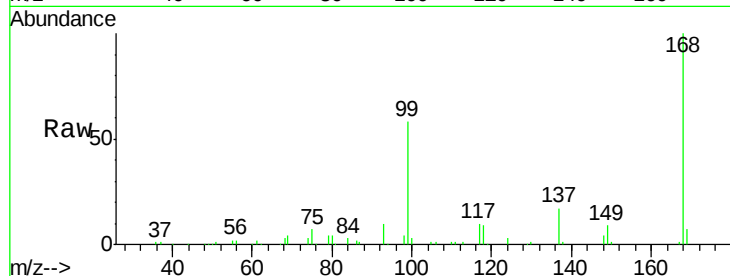
TP-6-2

Tot Ion:168 Resp: 635001

Ion Ratio Lower Upper

168 100

99 57.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

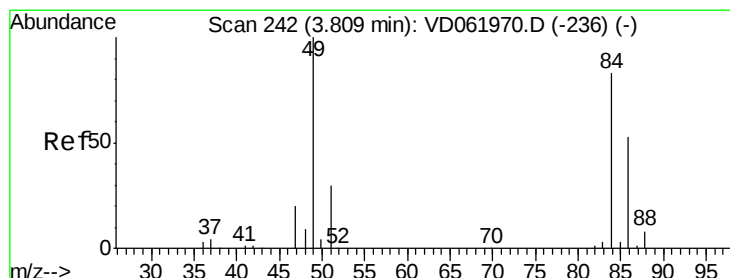
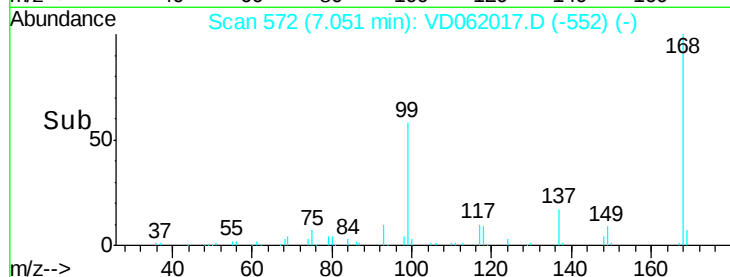
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#20

Methylene Chloride

Concen: 3.435 ug/l

RT: 3.82 min Scan# 244

Delta R.T. -0.00 min

Lab File: VD062017.D

Acq: 25 Apr 2019 3:33

Tgt Ion: 84 Resp: 36998

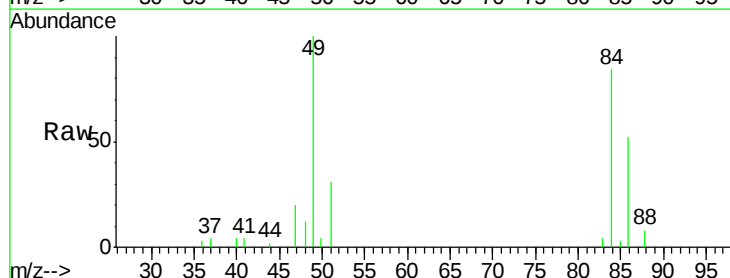
Ion Ratio Lower Upper

84 100

49 119.6 94.0 141.0

51 37.7 29.0 43.4

86 62.6 49.8 74.6



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

20000

15000

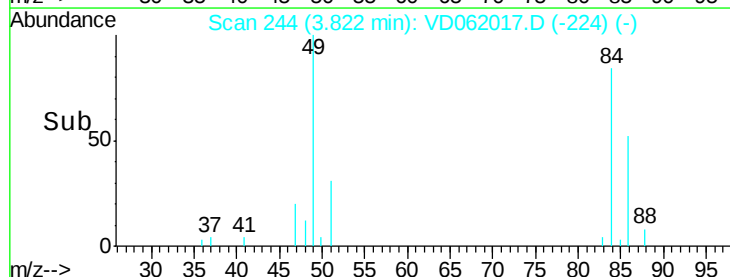
10000

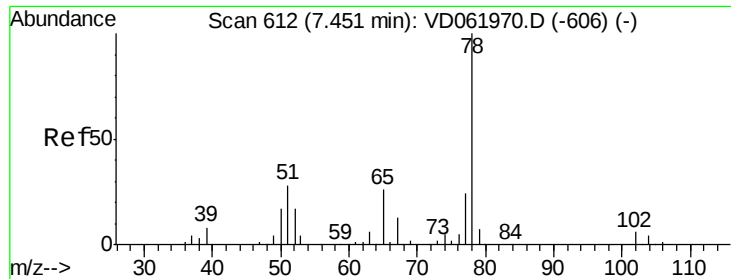
5000

0

3.70 3.80 3.90 4.00

Time-->

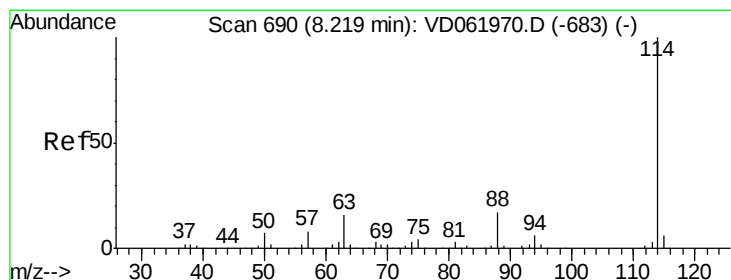
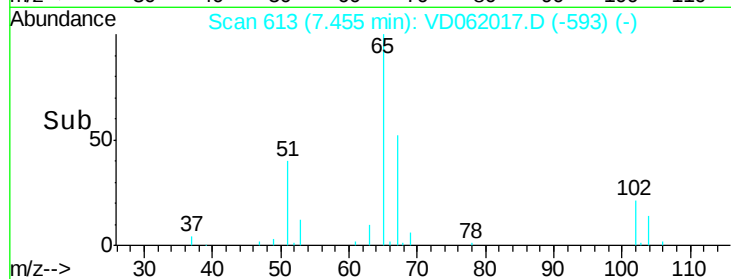
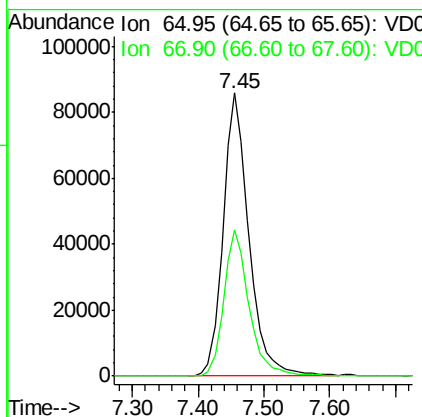
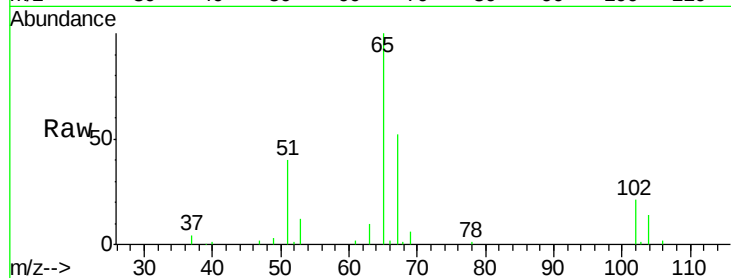




#33
 1,2-Dichloroethane-d4
 Concen: 47.162 ug/l
 RT: 7.45 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VD062017.D
 Acq: 25 Apr 2019 3:33

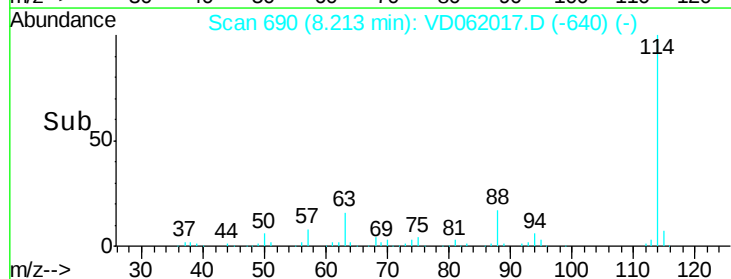
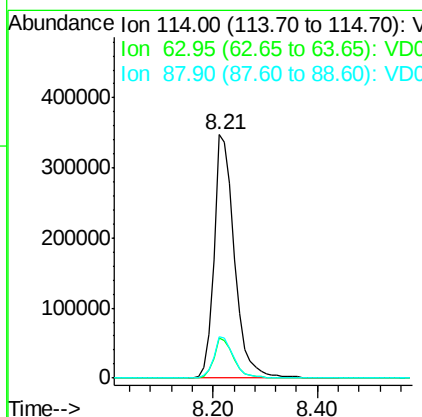
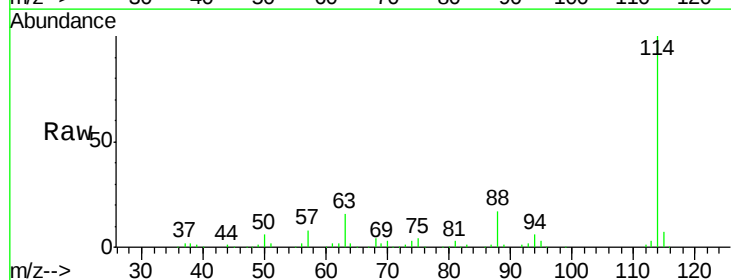
Instrument :
 MSVOA_D
 ClientSampleID :
 TP-6-2

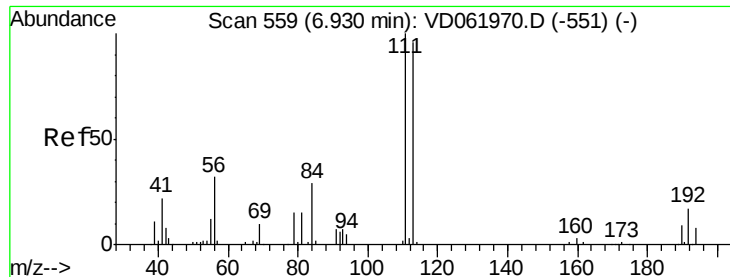
Tot Ion: 65 Resp: 234391
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD062017.D
 Acq: 25 Apr 2019 3:33

Tgt Ion: 114 Resp: 941448
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 32.4
 88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.673 ug/l

RT: 6.93 min Scan# 560

Delta R.T. -0.00 min

Lab File: VD062017.D

Acq: 25 Apr 2019 3:33

Instrument :

MSVOA_D

ClientSampleId :

TP-6-2

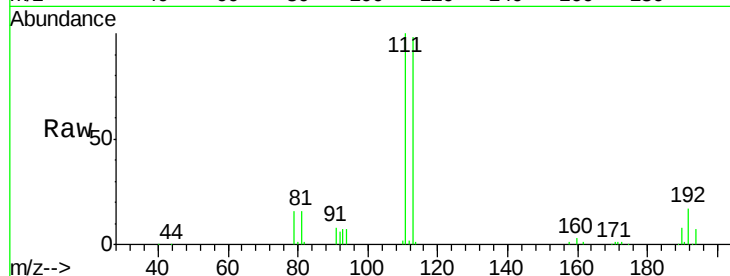
Tot Ion:113 Resp: 336445

Ion Ratio Lower Upper

113 100

111 102.0 78.5 117.7

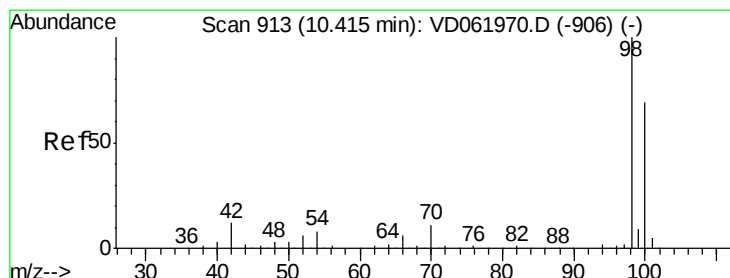
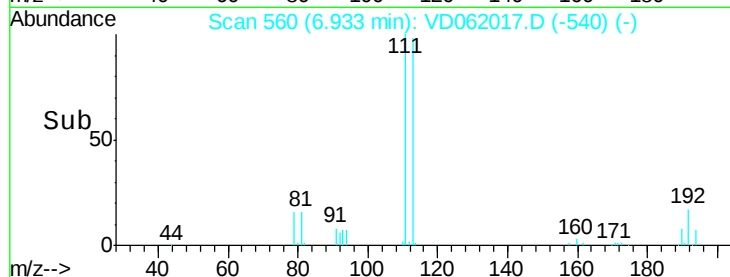
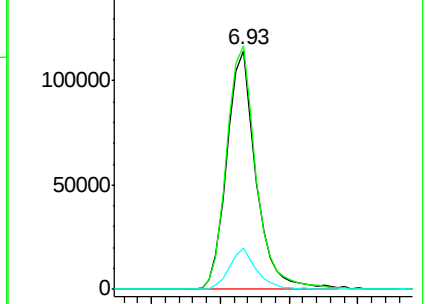
192 17.1 13.0 19.4



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: 46.116 ug/l

RT: 10.42 min Scan# 914

Delta R.T. -0.00 min

Lab File: VD062017.D

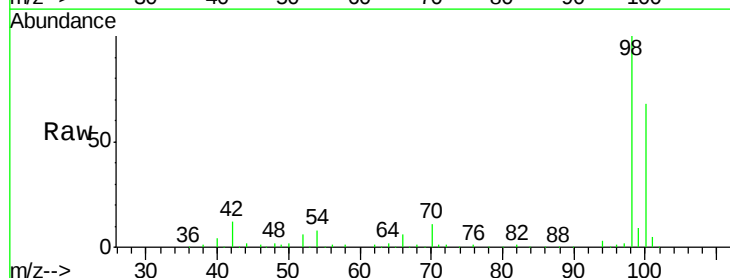
Acq: 25 Apr 2019 3:33

Tgt Ion: 98 Resp: 714473

Ion Ratio Lower Upper

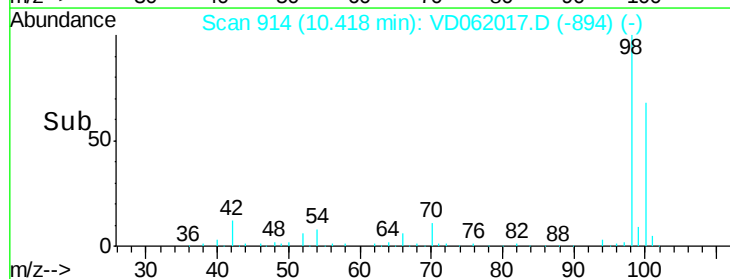
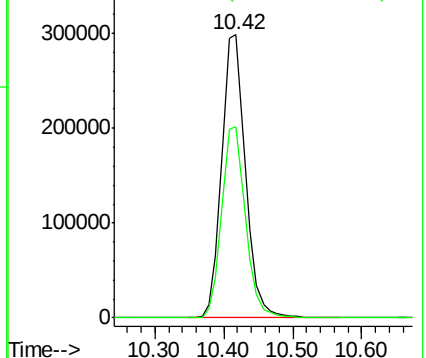
98 100

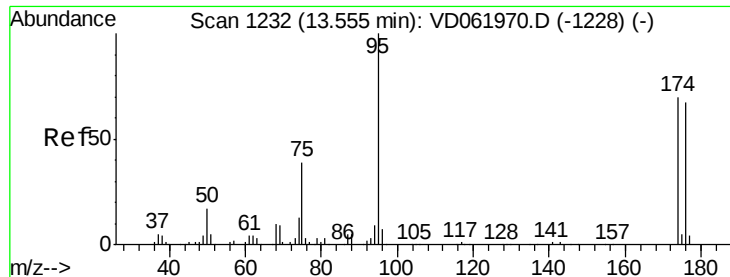
100 67.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 43.789 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VD062017.D

Acq: 25 Apr 2019 3:33

Instrument :

MSVOA_D

ClientSampled :

TP-6-2

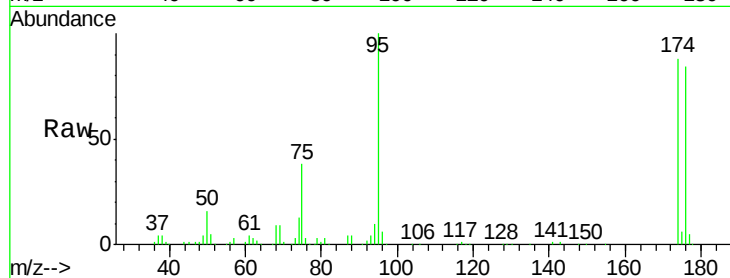
Tot Ion: 95 Resp: 272108

Ion Ratio Lower Upper

95 100

174 87.9 0.0 181.8

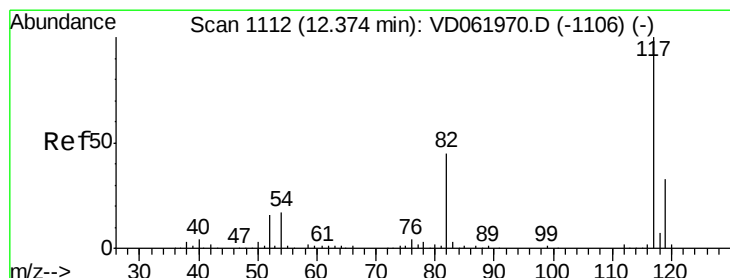
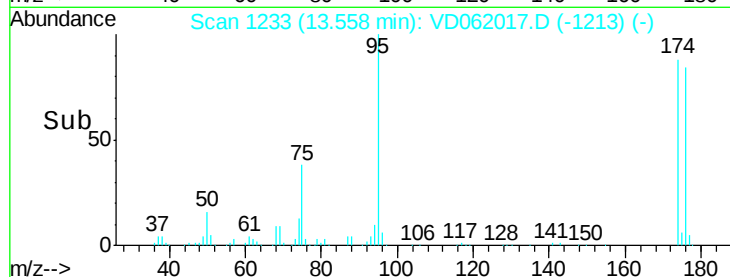
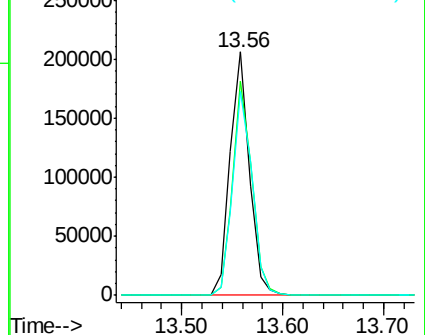
176 83.6 0.0 174.4



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: 12.37 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD062017.D

Acq: 25 Apr 2019 3:33

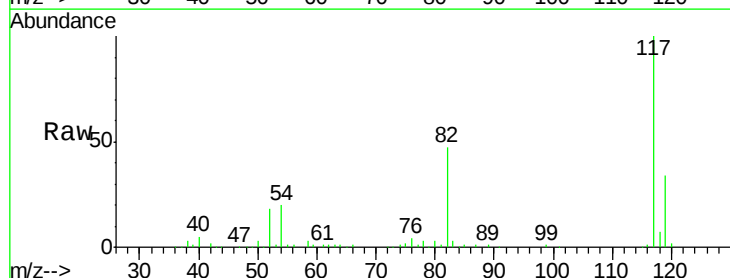
Tgt Ion: 117 Resp: 794878

Ion Ratio Lower Upper

117 100

82 47.1 36.2 54.2

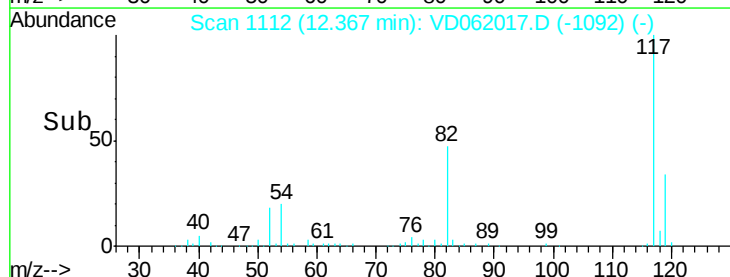
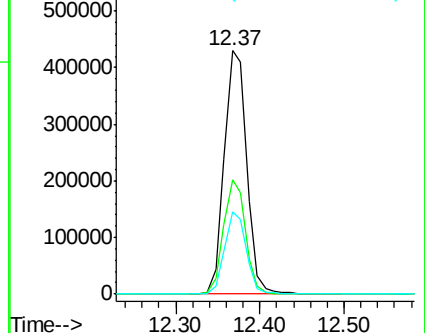
119 33.8 26.2 39.4

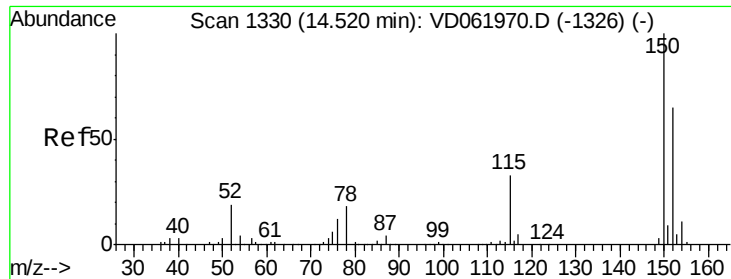


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

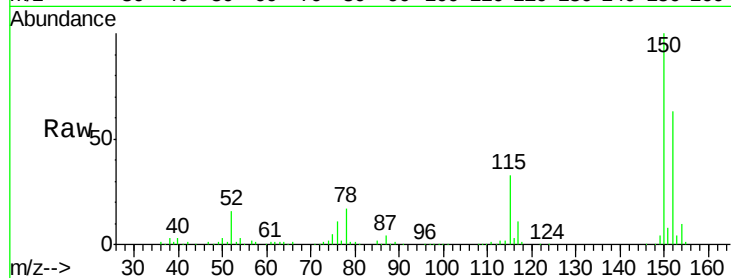




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: VD062017.D
 Acq: 25 Apr 2019 3:33

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.2	30.9	92.7
150	159.9	0.0	314.8



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

