

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062862.D
 Acq On : 25 Jun 2019 3:54
 Operator : VA/AP
 Sample : K3511-03
 Misc : 5.59g/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2

Quant Time: Jun 25 06:43:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

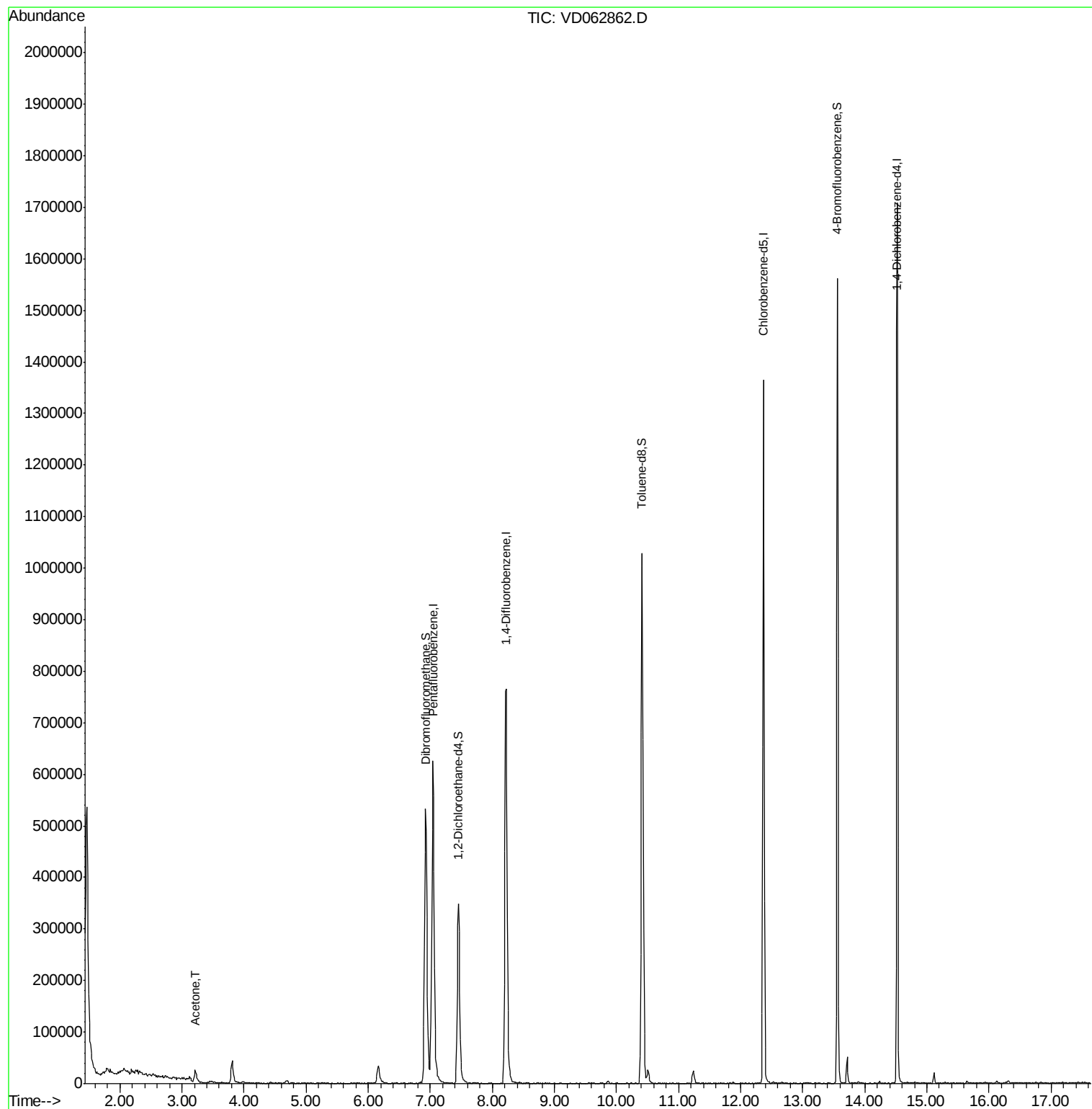
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	606957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	877465	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	728651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	381893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	403717	61.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.38%	
35) Dibromofluoromethane	6.92	113	470435	63.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.16%	
50) Toluene-d8	10.41	98	900711	55.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.86%	
62) 4-Bromofluorobenzene	13.56	95	415556	56.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.50%	
Target Compounds						
16) Acetone	3.21	43	48053	29.753	ug/l #	Qvalue 91

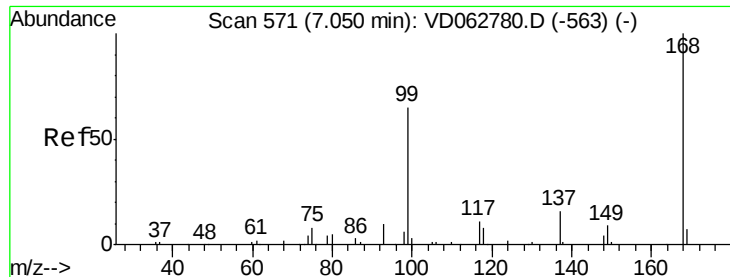
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062862.D

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MSVOA_D

ClientSampleId :

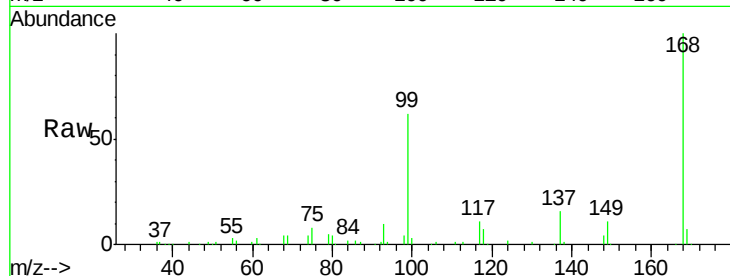
COMP-2

Tot Ion:168 Resp: 606957

Ion Ratio Lower Upper

168 100

99 61.7 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

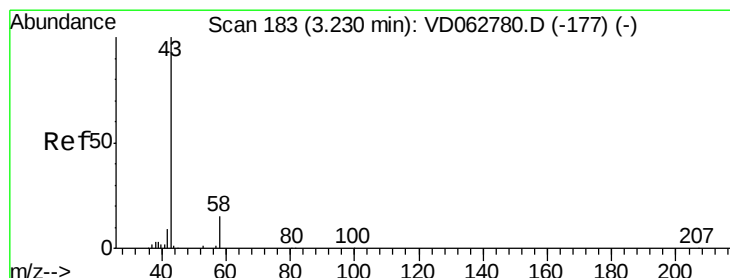
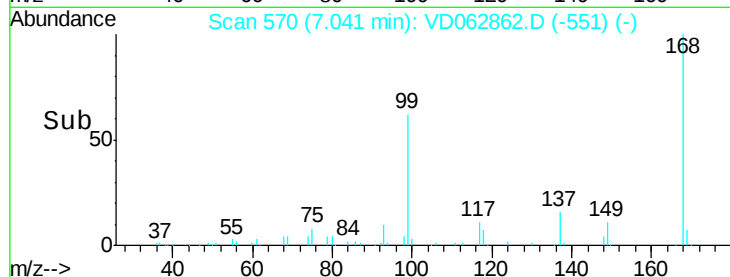
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 29.753 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD062862.D

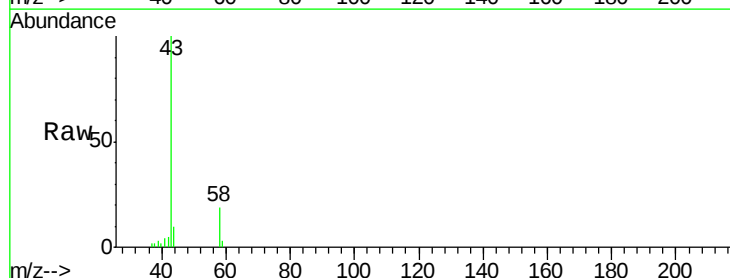
Acq: 25 Jun 2019 3:54

Tgt Ion: 43 Resp: 48053

Ion Ratio Lower Upper

43 100

58 18.8 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

20000

15000

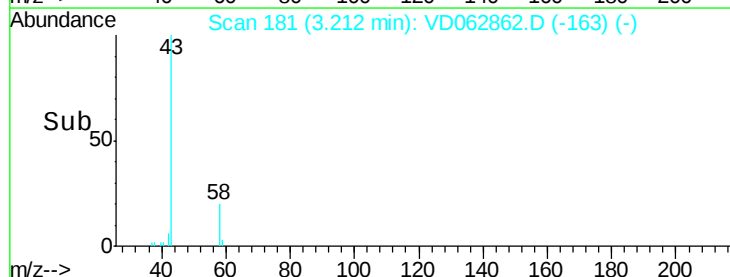
10000

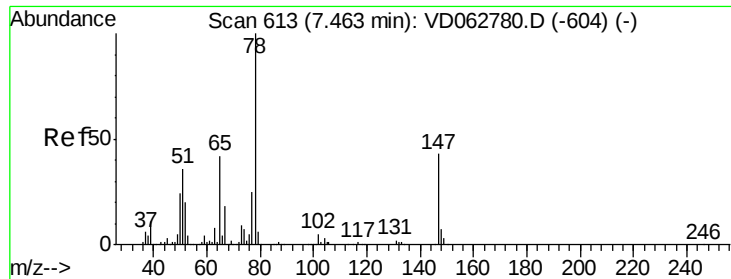
5000

0

Time-->

3.10 3.20 3.30 3.40





#33

1,2-Dichloroethane-d4

Concen: 61.192 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062862.D

Acq: 25 Jun 2019 3:54

Instrument :

MSVOA_D

ClientSampleId :

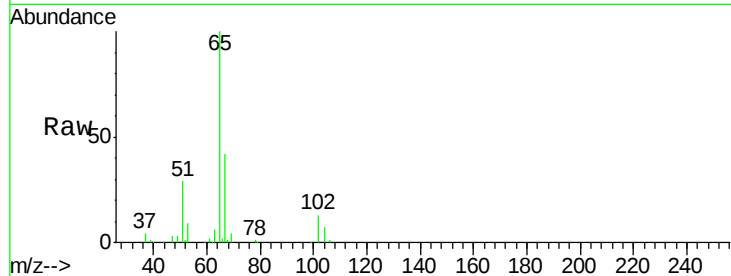
COMP-2

Tot Ion: 65 Resp: 403717

Ion Ratio Lower Upper

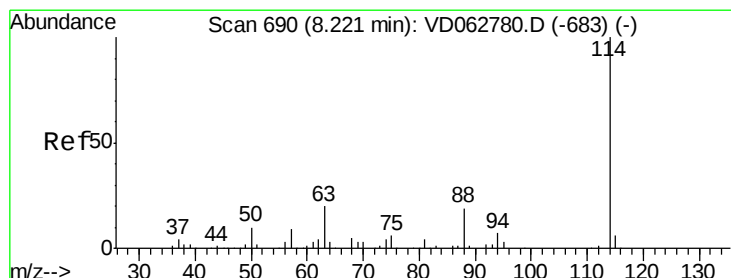
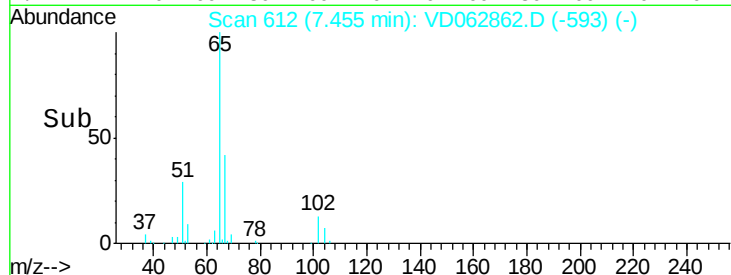
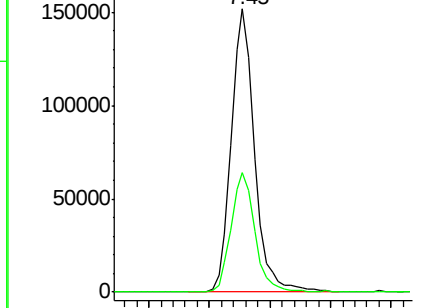
65 100

67 42.0 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD062862.D

Acq: 25 Jun 2019 3:54

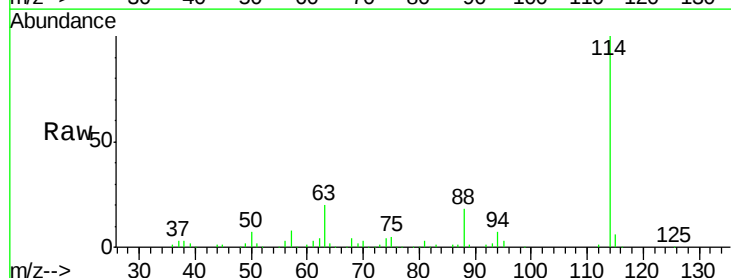
Tgt Ion: 114 Resp: 877465

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

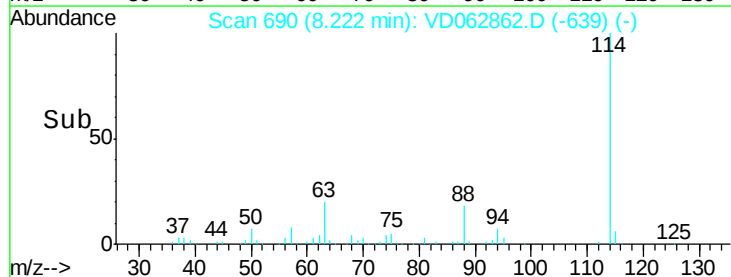
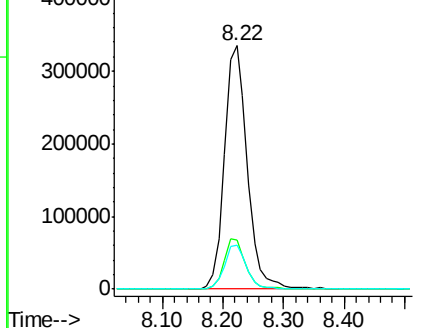
88 18.1 0.0 38.8

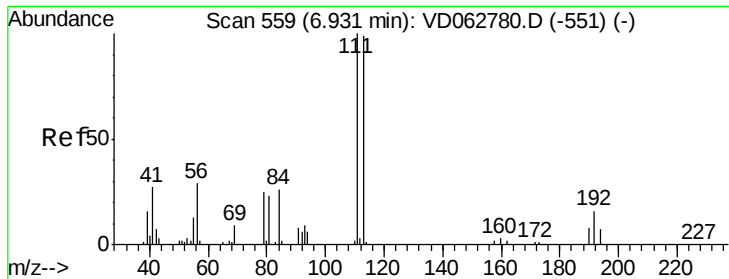


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 63.583 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD062862.D

Acq: 25 Jun 2019 3:54

Instrument :

MSVOA_D

ClientSampleId :

COMP-2

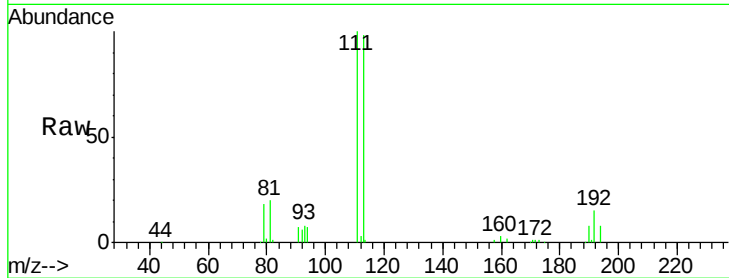
Tot Ion:113 Resp: 470435

Ion Ratio Lower Upper

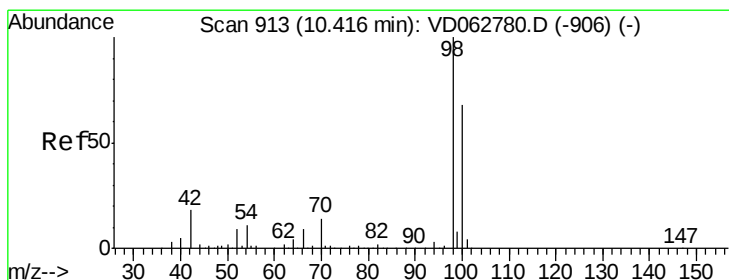
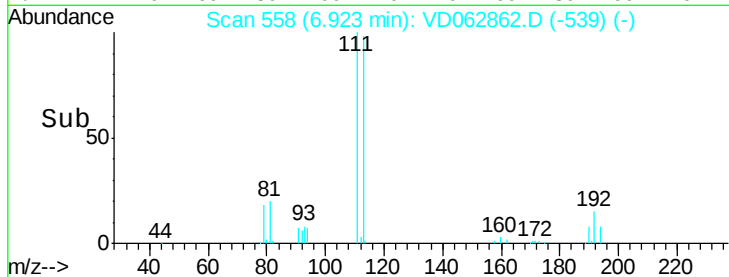
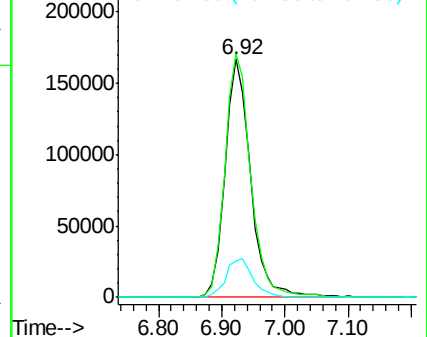
113 100

111 102.1 81.2 121.8

192 15.5 12.9 19.3



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: 55.934 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062862.D

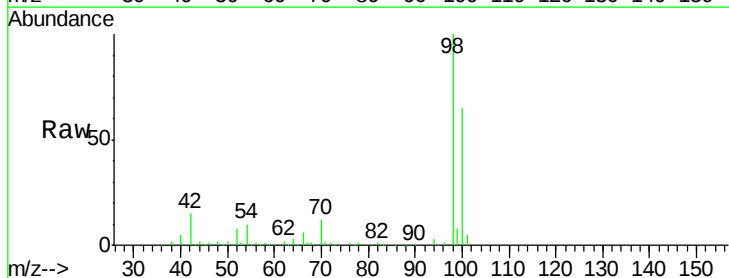
Acq: 25 Jun 2019 3:54

Tgt Ion: 98 Resp: 900711

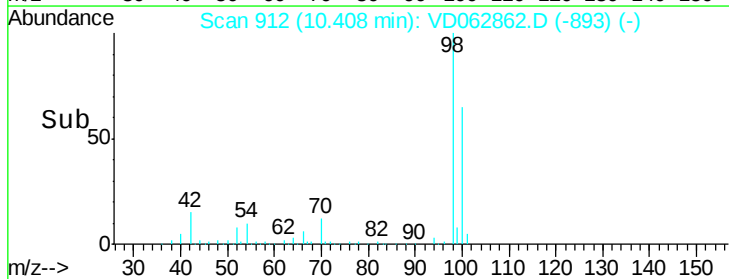
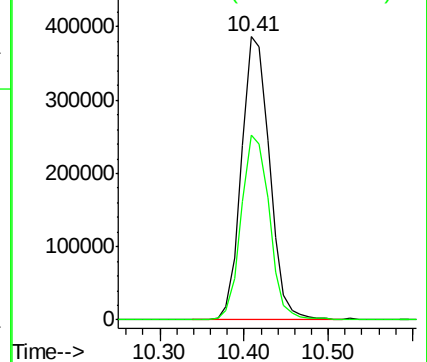
Ion Ratio Lower Upper

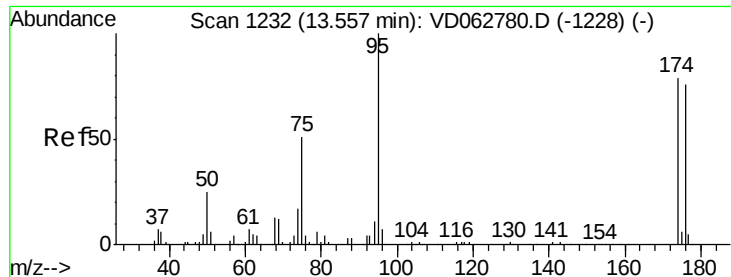
98 100

100 65.1 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 56.753 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062862.D

Acq: 25 Jun 2019 3:54

Instrument :

MSVOA_D

ClientSampleId :

COMP-2

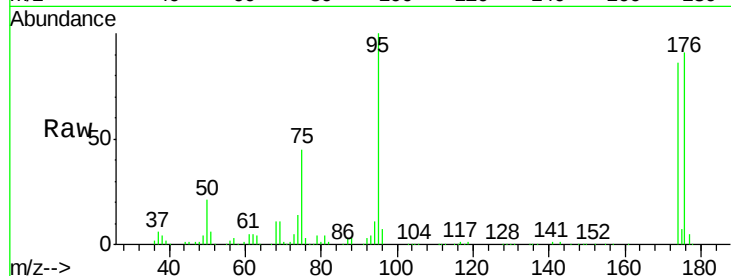
Tot Ion: 95 Resp: 415556

Ion Ratio Lower Upper

95 100

174 86.4 0.0 158.0

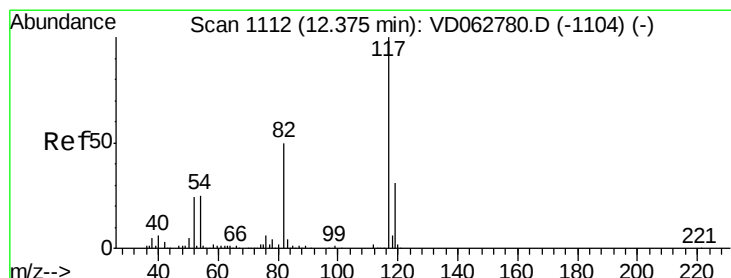
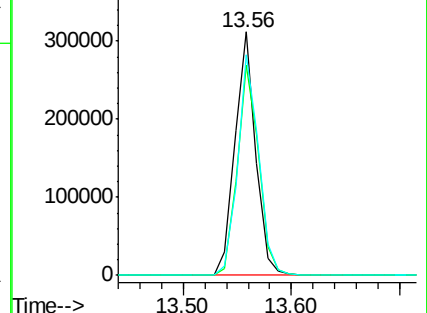
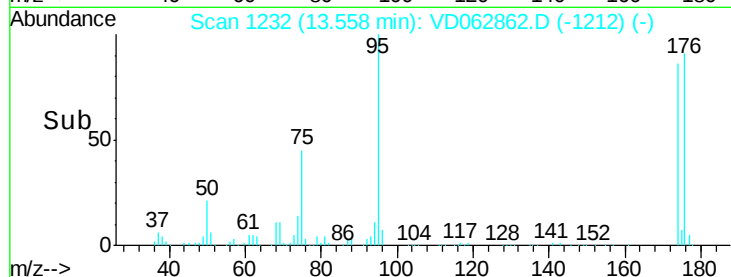
176 90.6 0.0 151.6



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: 12.37 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD062862.D

Acq: 25 Jun 2019 3:54

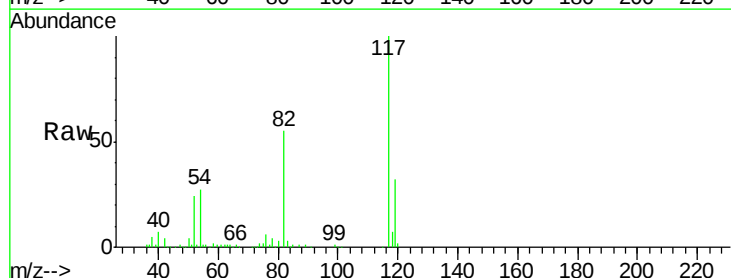
Tgt Ion: 117 Resp: 728651

Ion Ratio Lower Upper

117 100

82 54.6 40.4 60.6

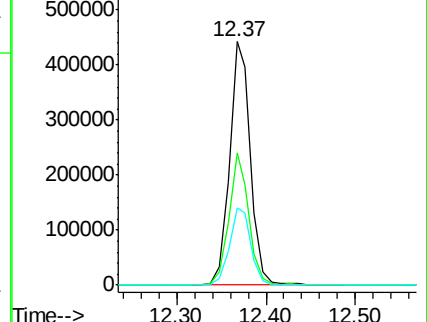
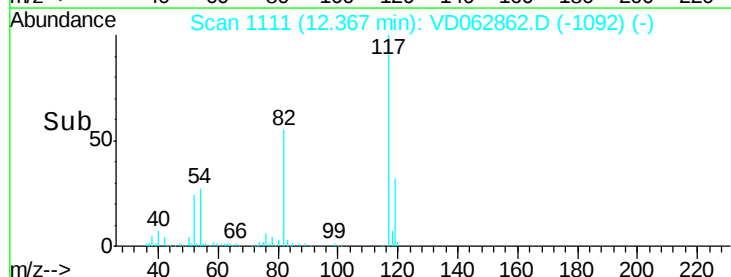
119 31.6 25.2 37.8

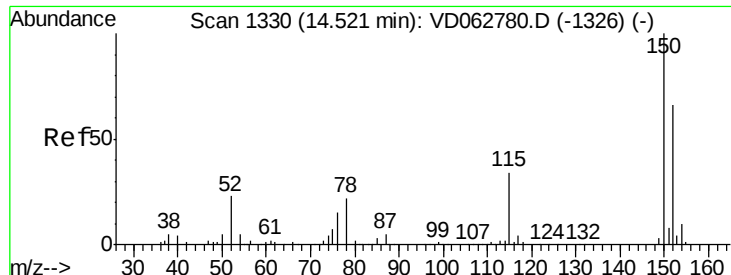


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

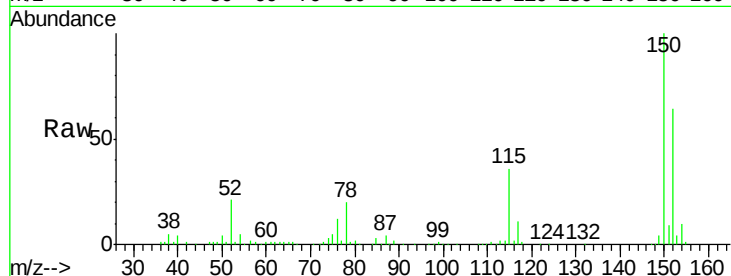




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD062862.D
 Acq: 25 Jun 2019 3:54

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2

Tot Ion:152 Resp: 381893
 Ion Ratio Lower Upper
 152 100
 115 56.1 29.2 87.6
 150 156.7 0.0 305.8



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

