

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062761.D
 Acq On : 18 Jun 2019 20:30
 Operator : VA/AP
 Sample : K3154-11RE
 Misc : 6.61g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-FRE

Quant Time: Jun 19 06:52:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

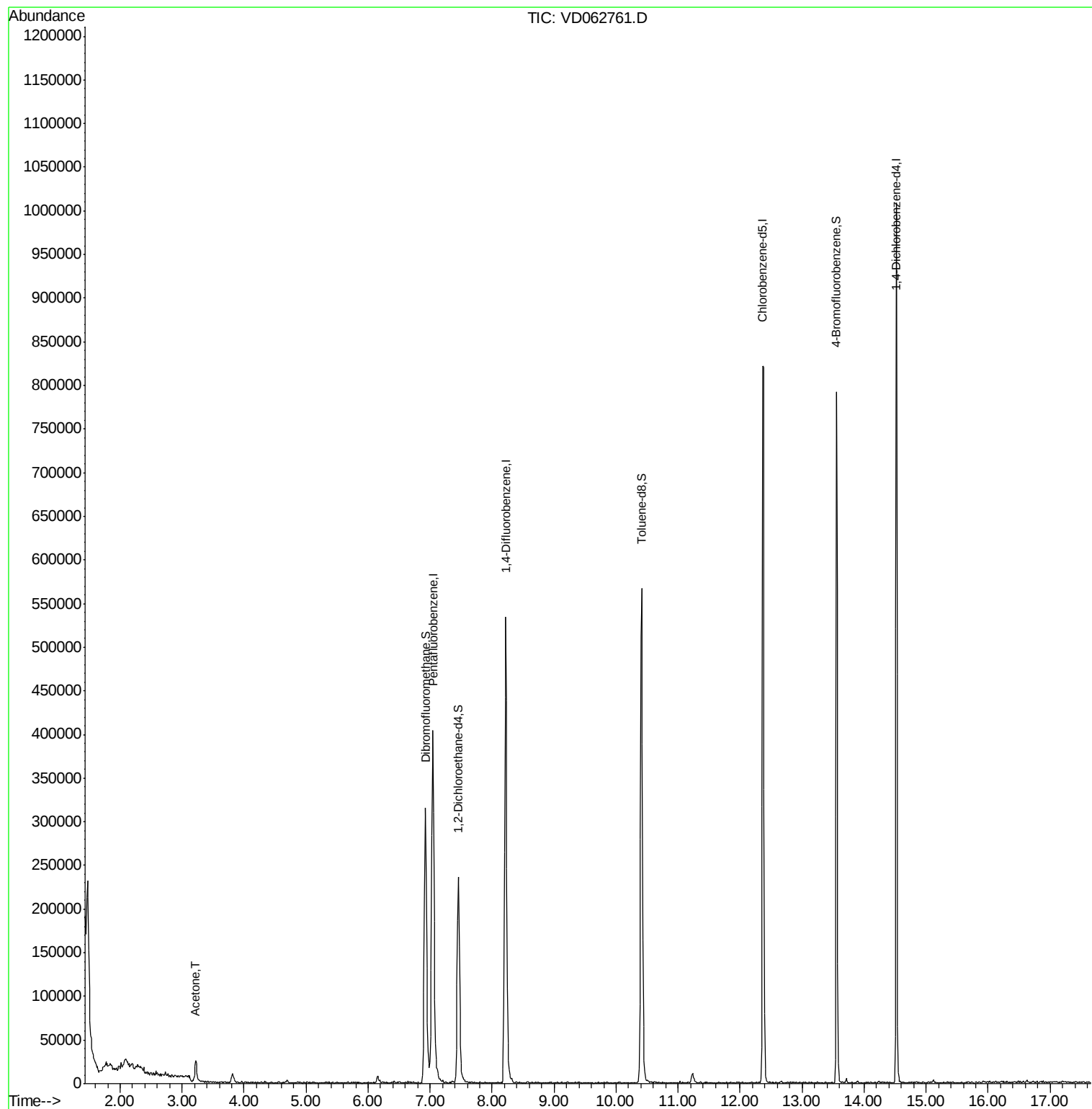
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	374520	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	530951	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	452404	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	203189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	302889	56.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.10%	
35) Dibromofluoromethane	6.93	113	274071	48.94	ug/l	0.01
Spiked Amount 50.000			Recovery	=	97.88%	
50) Toluene-d8	10.41	98	428928	36.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.82%	
62) 4-Bromofluorobenzene	13.55	95	211773	38.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.08%	
Target Compounds						
16) Acetone	3.22	43	45072	45.545	ug/l	Qvalue 99

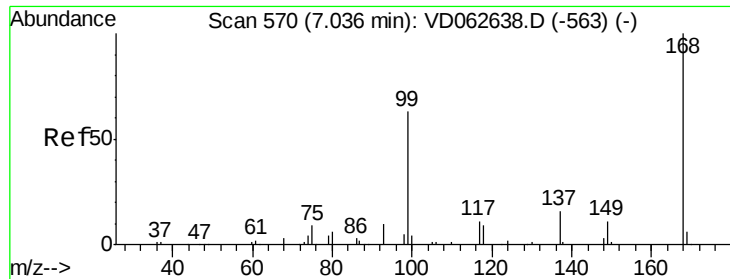
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD062761.D

Acq: 18 Jun 2019 20:30

Instrument :

MSVOA_D

ClientSampleId :

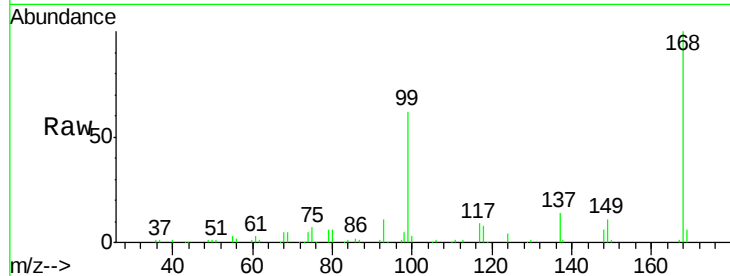
JC-02-061419-FRE

Tot Ion:168 Resp: 374520

Ion Ratio Lower Upper

168 100

99 62.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

150000

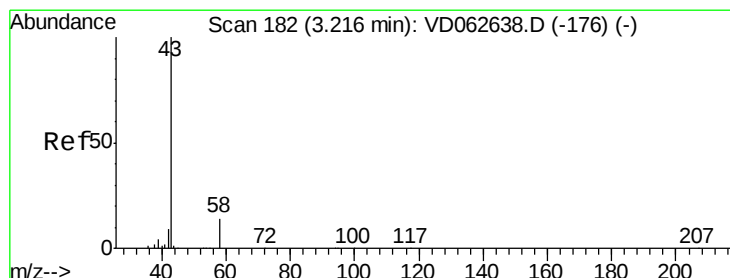
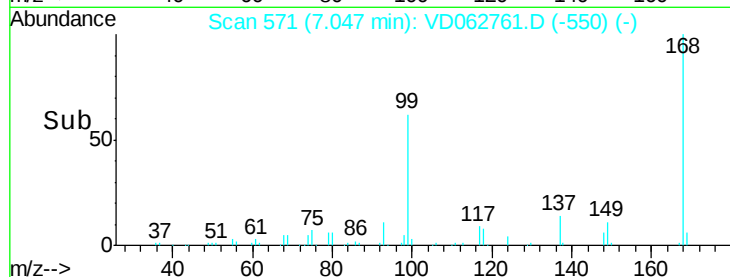
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 45.545 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD062761.D

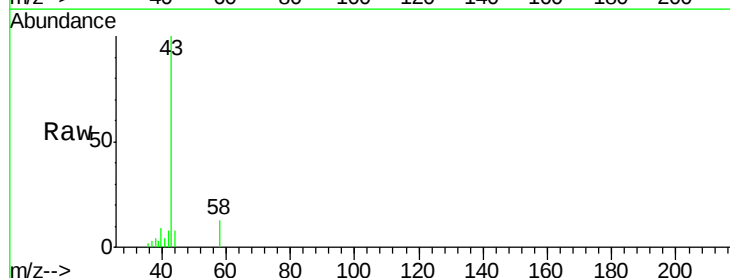
Acq: 18 Jun 2019 20:30

Tgt Ion: 43 Resp: 45072

Ion Ratio Lower Upper

43 100

58 12.9 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

20000

15000

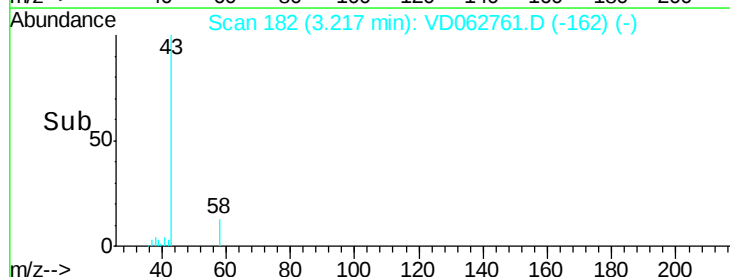
10000

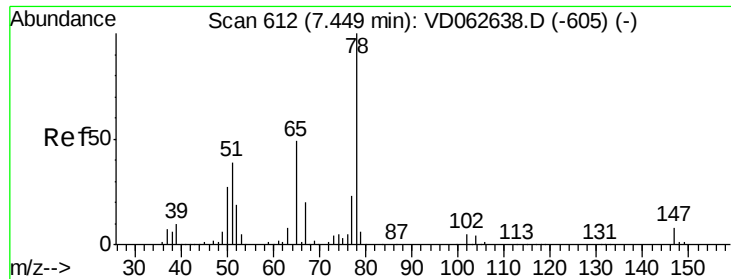
5000

0

3.10 3.20 3.30 3.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.046 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD062761.D

Acq: 18 Jun 2019 20:30

Instrument :

MSVOA_D

ClientSampleId :

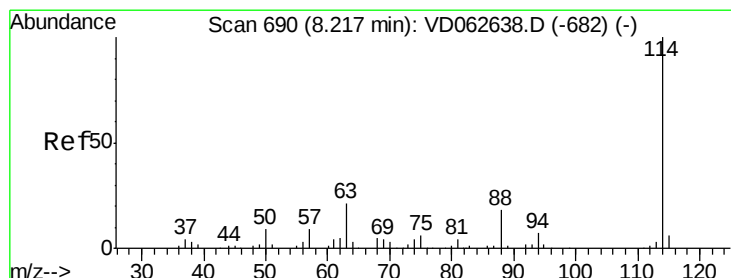
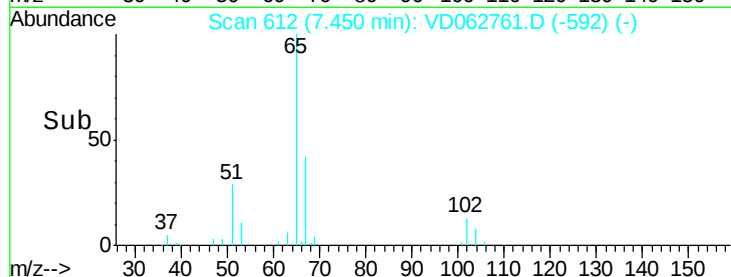
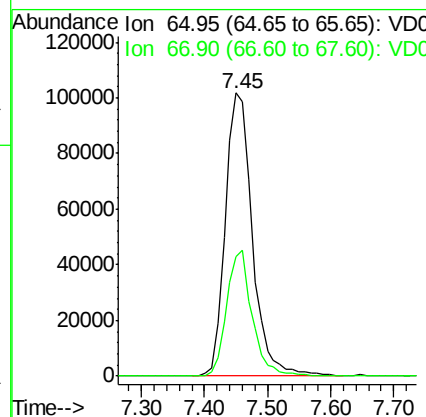
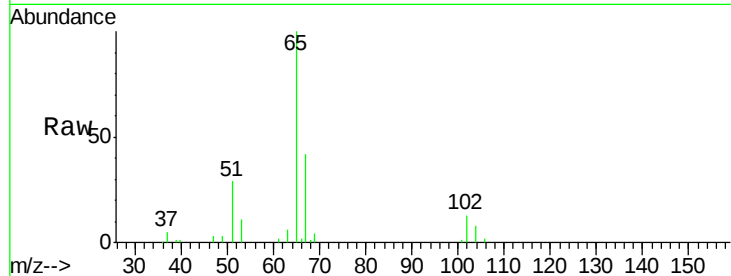
JC-02-061419-FRE

Tot Ion: 65 Resp: 302889

Ion Ratio Lower Upper

65 100

67 42.4 0.0 81.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD062761.D

Acq: 18 Jun 2019 20:30

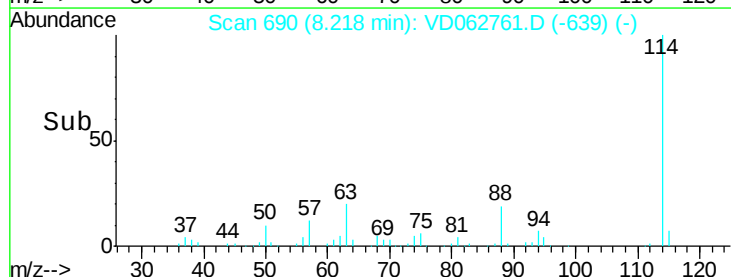
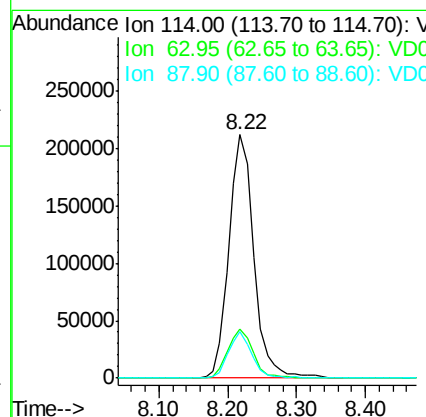
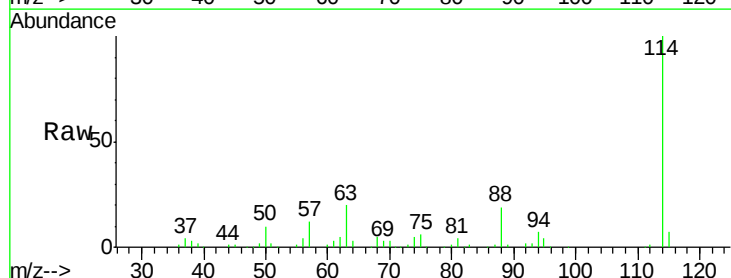
Tgt Ion: 114 Resp: 530951

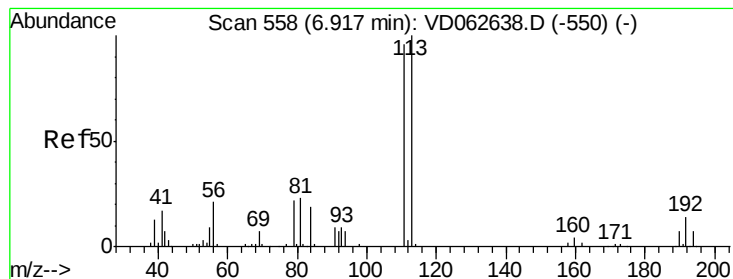
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 19.3 0.0 36.8





#35

Dibromofluoromethane

Concen: 48.945 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD062761.D

Acq: 18 Jun 2019 20:30

Instrument :

MSVOA_D

ClientSampleId :

JC-02-061419-FRE

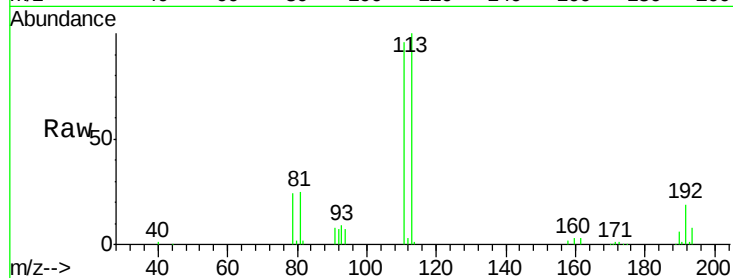
Tot Ion:113 Resp: 274071

Ion Ratio Lower Upper

113 100

111 96.5 76.4 114.6

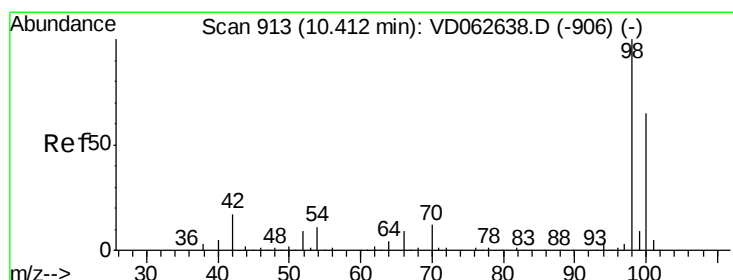
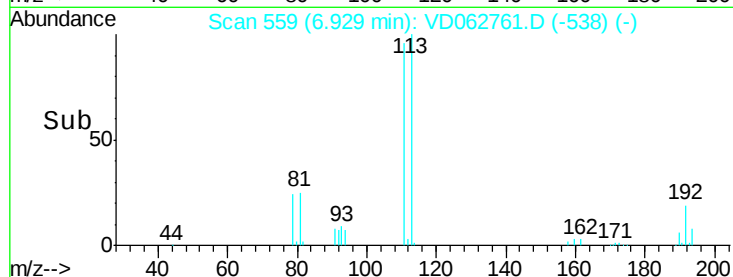
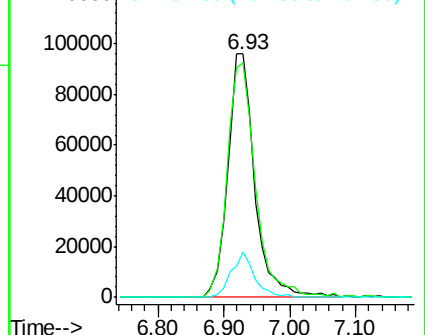
192 18.5 11.4 17.0#



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: 36.413 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD062761.D

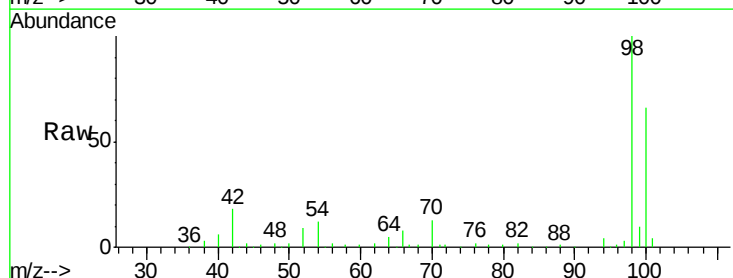
Acq: 18 Jun 2019 20:30

Tgt Ion: 98 Resp: 428928

Ion Ratio Lower Upper

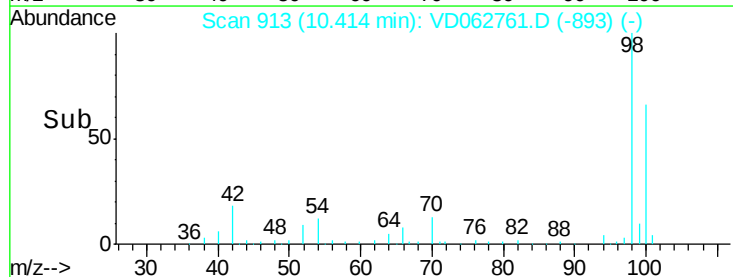
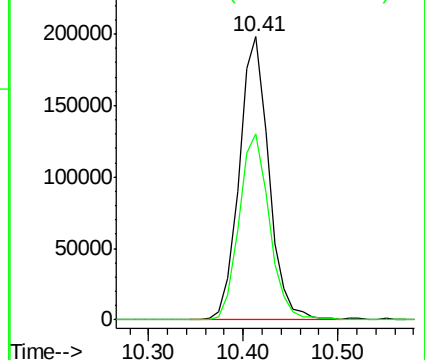
98 100

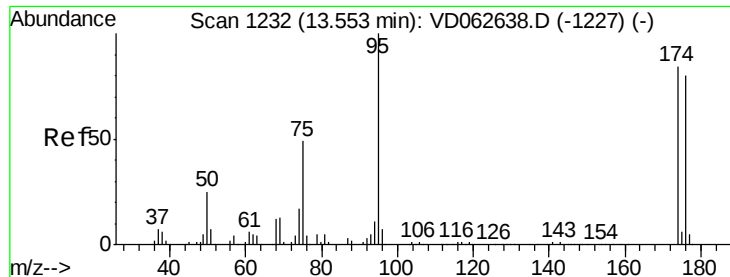
100 65.7 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 38.535 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062761.D

Acq: 18 Jun 2019 20:30

Instrument :

MSVOA_D

ClientSampleId :

JC-02-061419-FRE

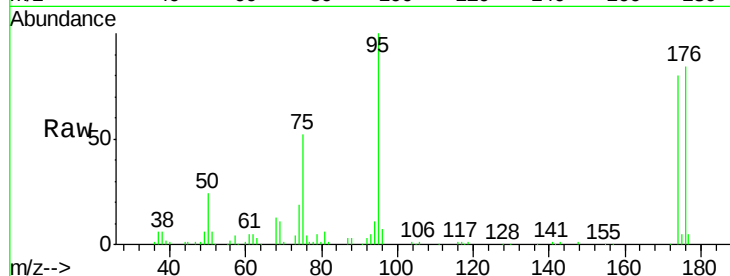
Tot Ion: 95 Resp: 211773

Ion Ratio Lower Upper

95 100

174 80.2 0.0 167.0

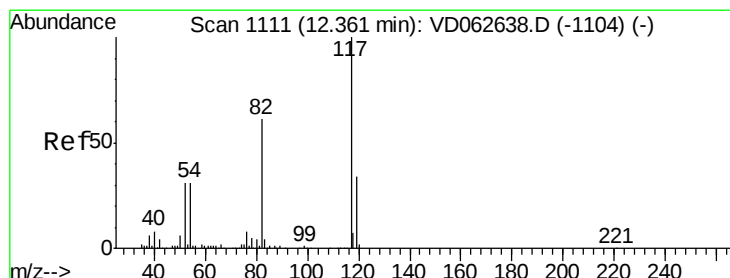
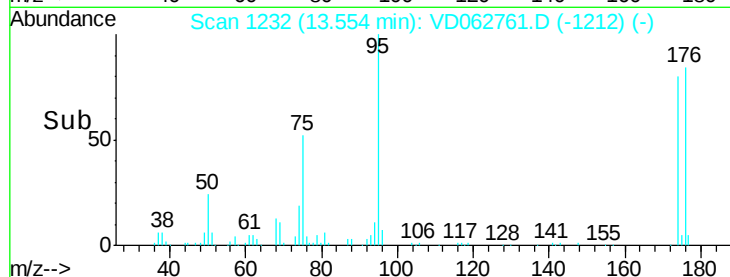
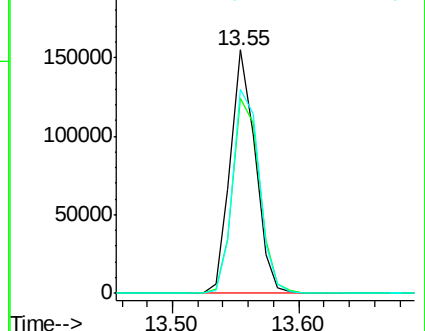
176 83.5 0.0 159.2



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. 0.01 min

Lab File: VD062761.D

Acq: 18 Jun 2019 20:30

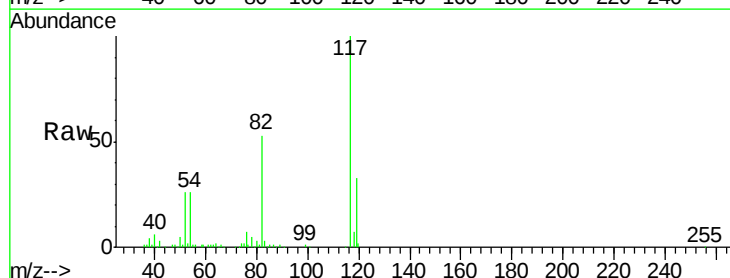
Tgt Ion: 117 Resp: 452404

Ion Ratio Lower Upper

117 100

82 52.5 48.7 73.1

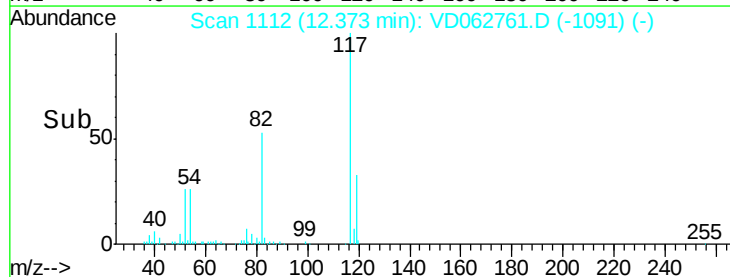
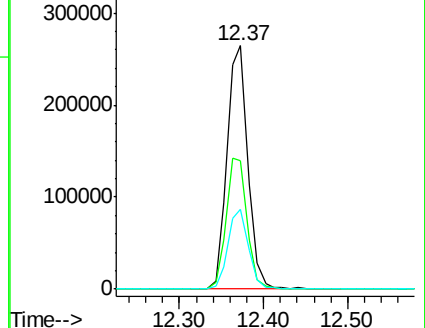
119 32.6 27.0 40.6

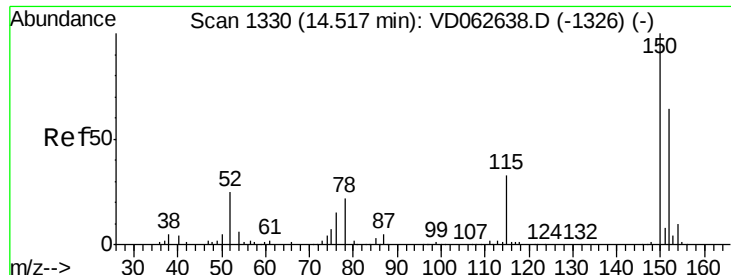


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

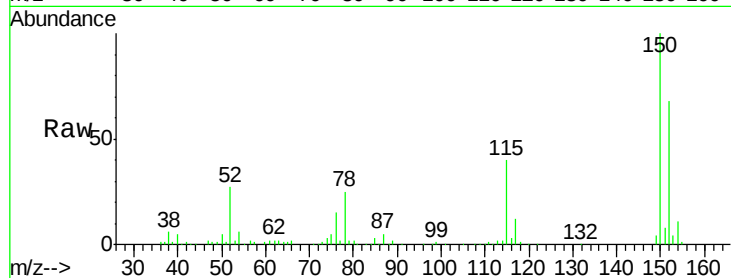




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD062761.D
 Acq: 18 Jun 2019 20:30

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-061419-FRE

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.1	90.5
150	148.0	0.0	314.0



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

