

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\
 Data File : VD062939.D
 Acq On : 27 Jun 2019 18:44
 Operator : VA/AP
 Sample : K3552-02
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 M-1A

Quant Time: Jun 28 04:58:55 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

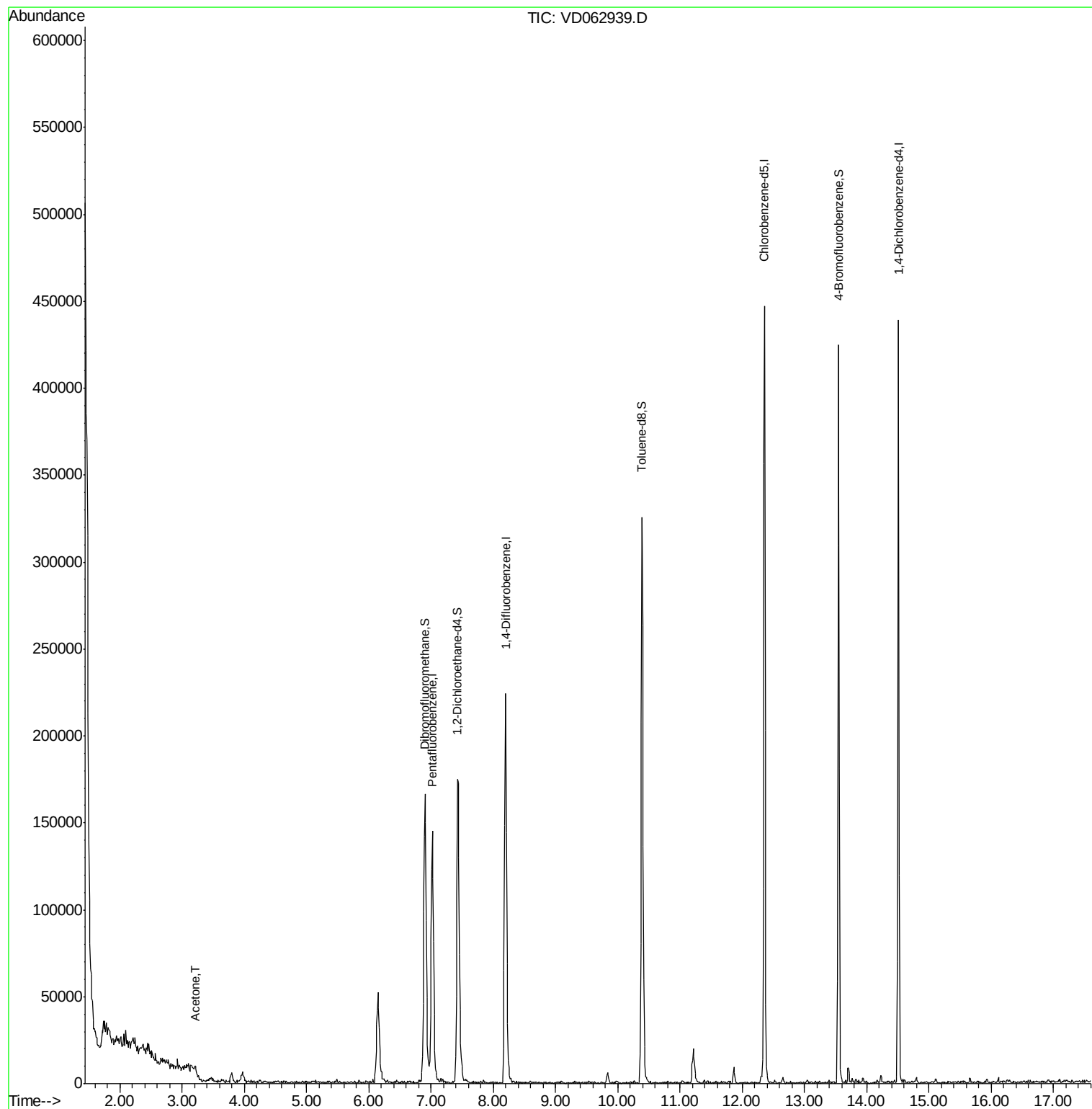
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	132803	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	231315	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	220930	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	98012	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	194668	134.85	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	269.70%	
35) Dibromofluoromethane	6.90	113	141534	72.57	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	145.14%	
50) Toluene-d8	10.39	98	239488	56.42	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	112.84%	
62) 4-Bromofluorobenzene	13.55	95	113542	58.82	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	117.64%	
Target Compounds						
16) Acetone	3.21	43	10502	29.711	ug/l #	Qvalue 90

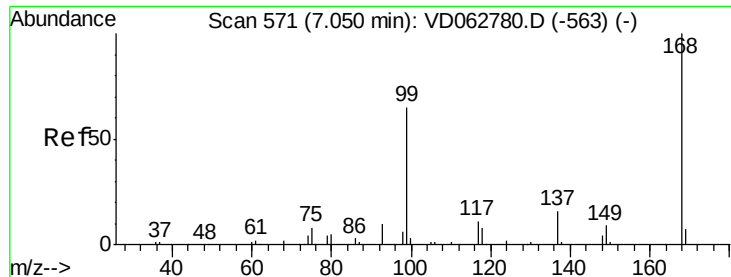
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

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Instrument :

MSVOA_D

ClientSampleId :

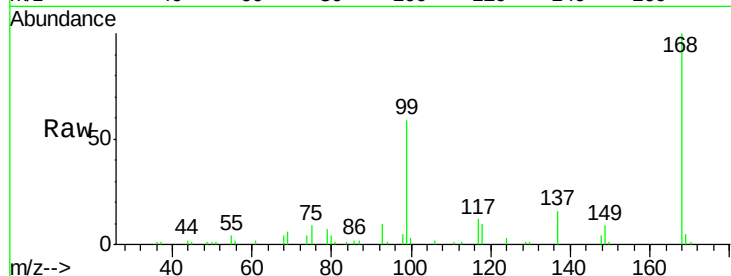
M-1A

Tot Ion:168 Resp: 132803

Ion Ratio Lower Upper

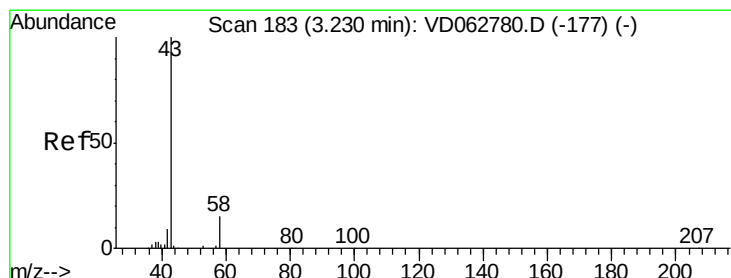
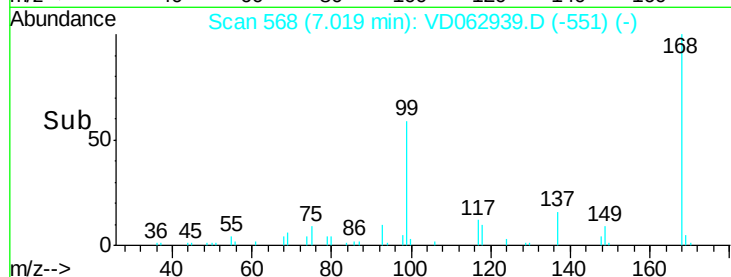
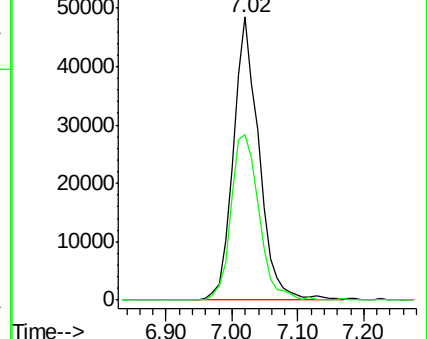
168 100

99 58.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 29.711 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD062939.D

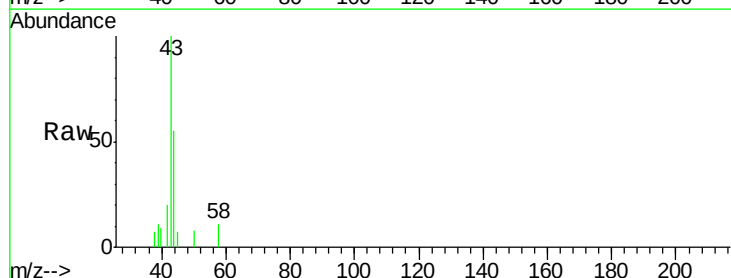
Acq: 27 Jun 2019 18:44

Tgt Ion: 43 Resp: 10502

Ion Ratio Lower Upper

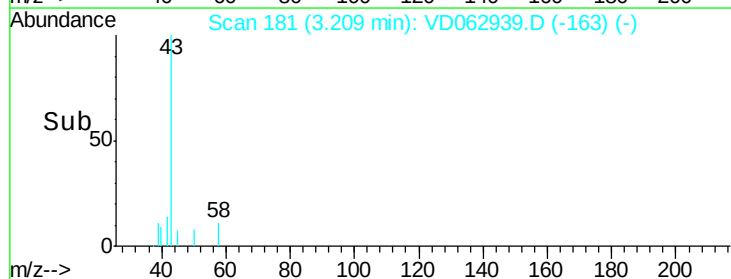
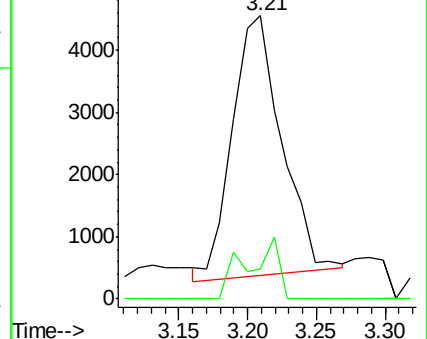
43 100

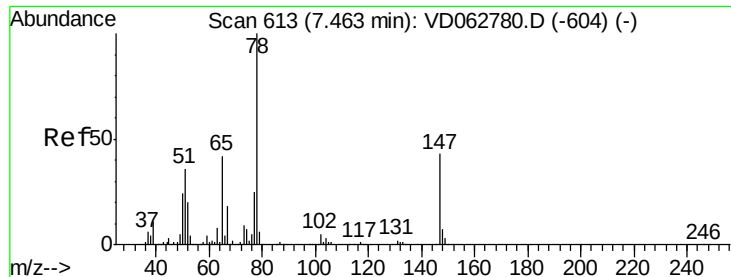
58 10.8 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 134.854 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062939.D

Acq: 27 Jun 2019 18:44

Instrument :

MSVOA_D

ClientSampleId :

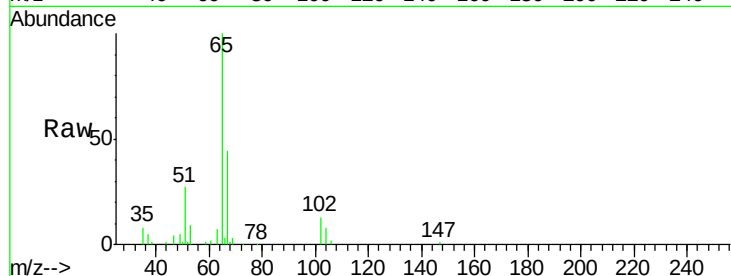
M-1A

Tot Ion: 65 Resp: 194668

Ion Ratio Lower Upper

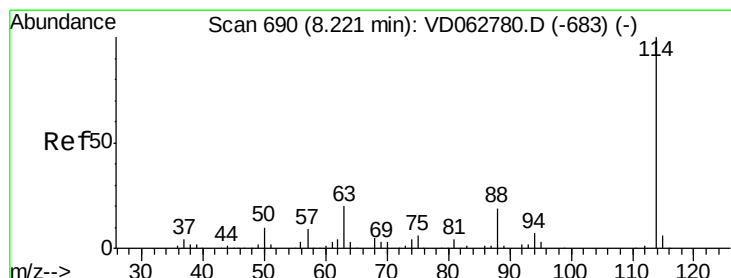
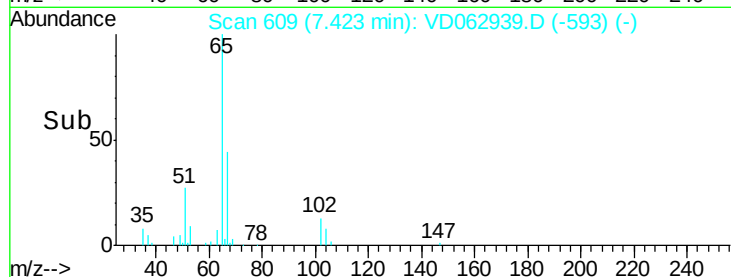
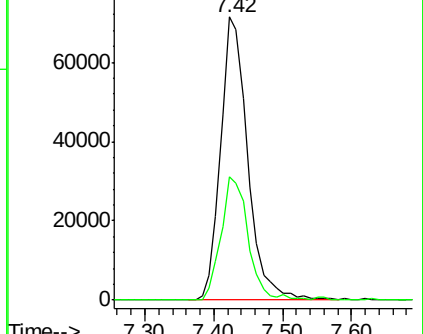
65 100

67 43.7 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: 8.20 min Scan# 688

Delta R.T. -0.02 min

Lab File: VD062939.D

Acq: 27 Jun 2019 18:44

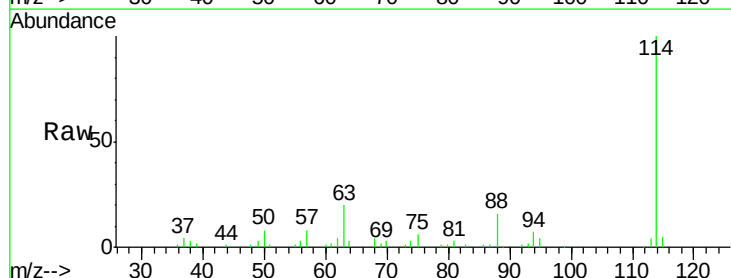
Tgt Ion: 114 Resp: 231315

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

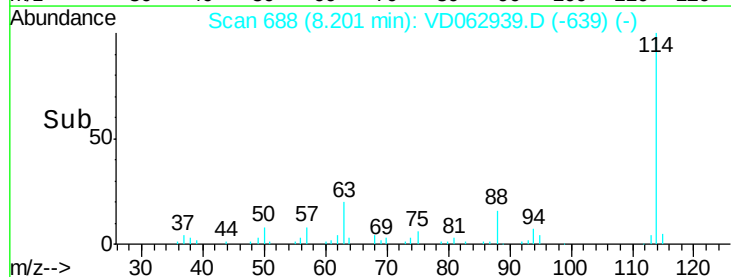
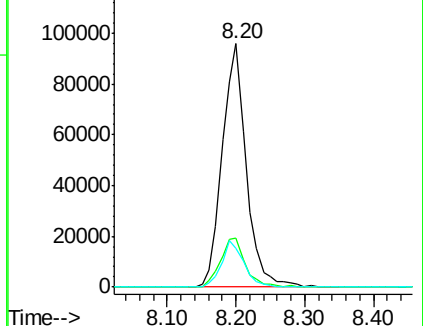
88 15.7 0.0 38.8

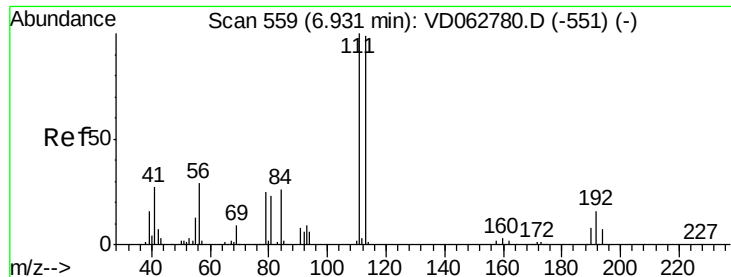


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 72.565 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD062939.D

Acq: 27 Jun 2019 18:44

Instrument :

MSVOA_D

ClientSampleId :

M-1A

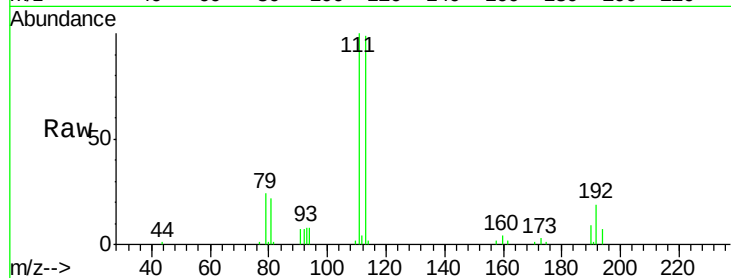
Tot Ion:113 Resp: 141534

Ion Ratio Lower Upper

113 100

111 100.7 81.2 121.8

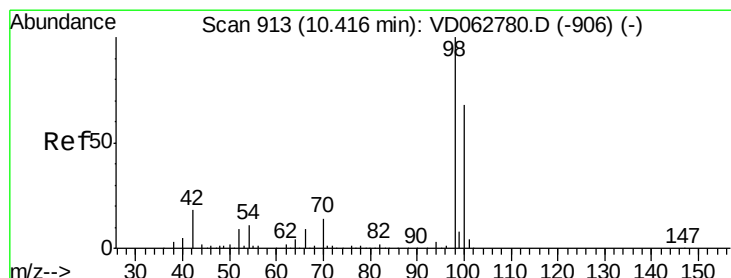
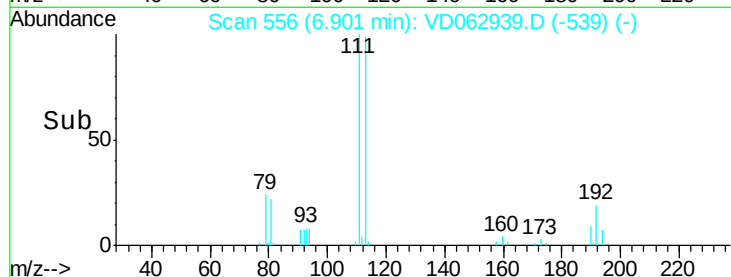
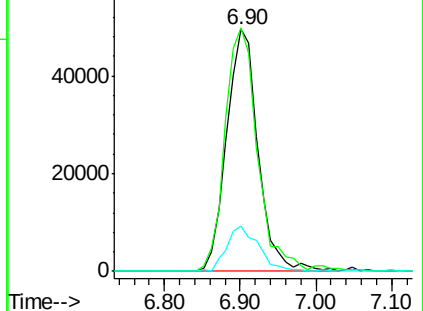
192 18.8 12.9 19.3



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: 56.416 ug/l

RT: 10.39 min Scan# 910

Delta R.T. -0.03 min

Lab File: VD062939.D

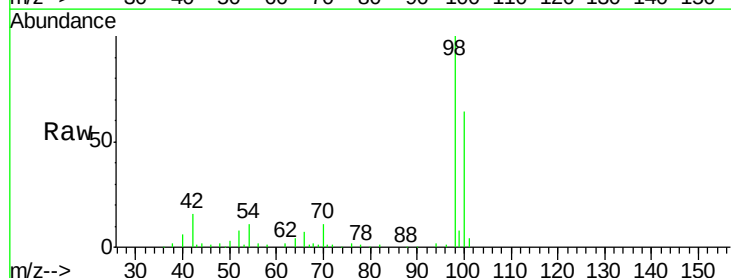
Acq: 27 Jun 2019 18:44

Tgt Ion: 98 Resp: 239488

Ion Ratio Lower Upper

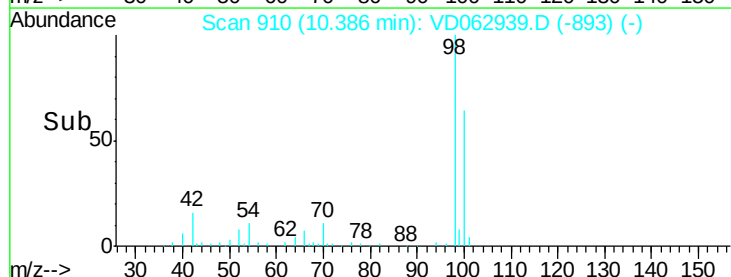
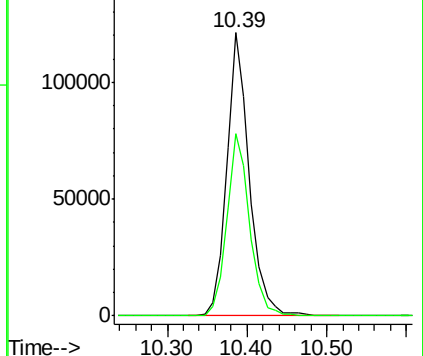
98 100

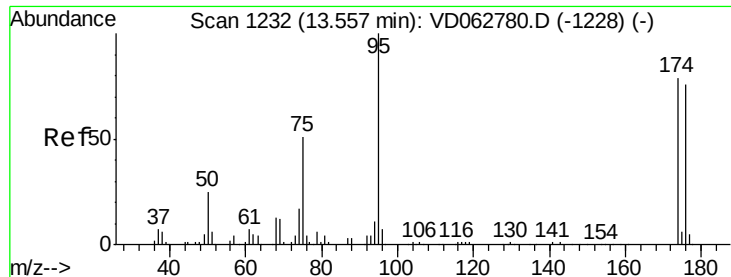
100 64.2 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 58.822 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062939.D

Acq: 27 Jun 2019 18:44

Instrument :

MSVOA_D

ClientSampleId :

M-1A

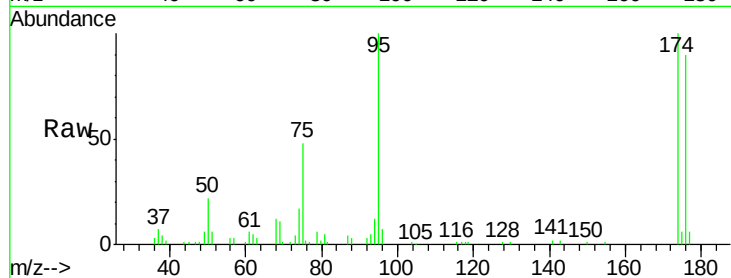
Tot Ion: 95 Resp: 113542

Ion Ratio Lower Upper

95 100

174 99.7 0.0 158.0

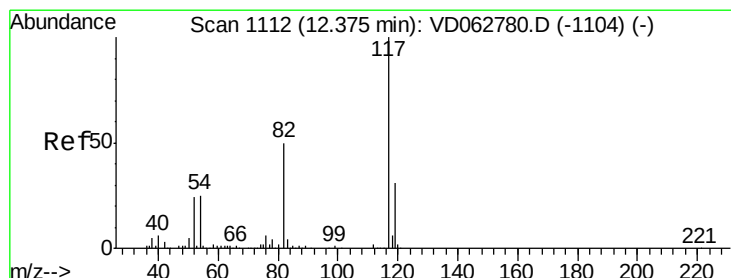
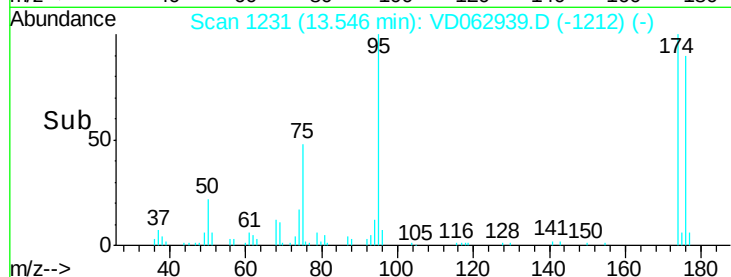
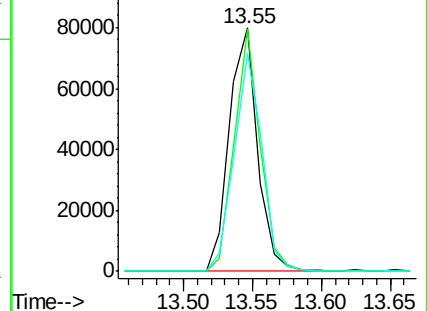
176 89.7 0.0 151.6



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: 12.35 min Scan# 1110

Delta R.T. -0.02 min

Lab File: VD062939.D

Acq: 27 Jun 2019 18:44

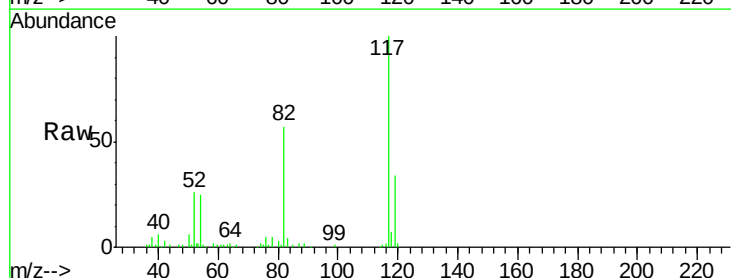
Tgt Ion: 117 Resp: 220930

Ion Ratio Lower Upper

117 100

82 56.6 40.4 60.6

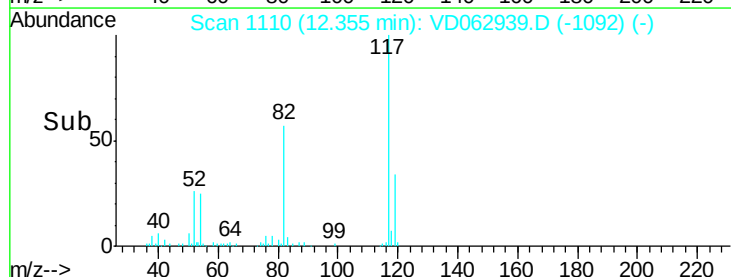
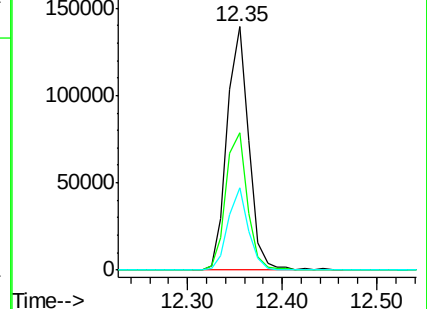
119 34.0 25.2 37.8

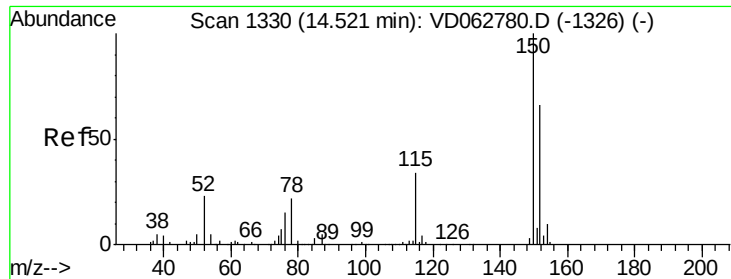


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD062939.D

Acq: 27 Jun 2019 18:44

Instrument :

MSVOA_D

ClientSampleId :

M-1A

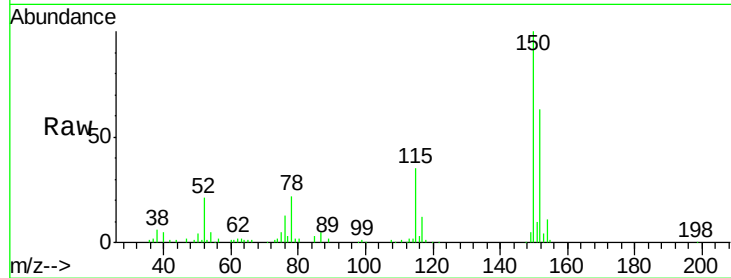
Tot Ion:152 Resp: 98012

Ion Ratio Lower Upper

152 100

115 55.7 29.2 87.6

150 159.4 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

