

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050719\
 Data File : VD062159.D
 Acq On : 8 May 2019 4:45
 Operator : FY/SY
 Sample : K2672-05
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-1.0-1.5

Quant Time: May 08 05:19:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

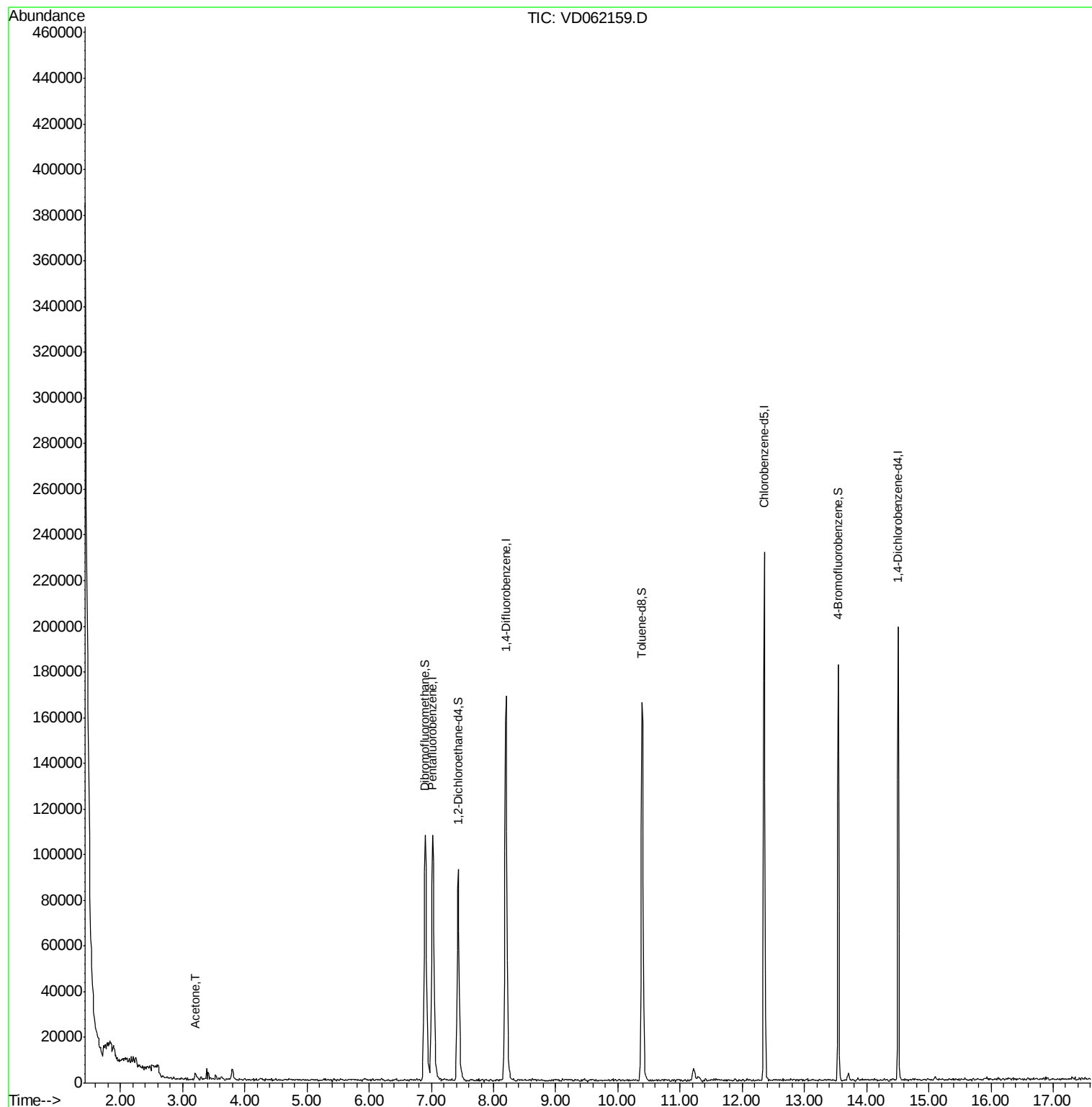
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	112831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	184113	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	131563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	43218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	97148	92.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	185.30%	
35) Dibromofluoromethane	6.90	113	91586	59.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.90%	
50) Toluene-d8	10.39	98	143767	39.03	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	78.06%	
62) 4-Bromofluorobenzene	13.54	95	52341	35.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.78%	
Target Compounds						
16) Acetone	3.20	43	5635	25.626	ug/l	Qvalue 94

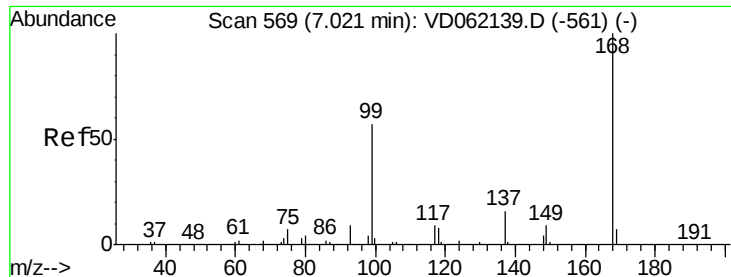
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD062159.D

Acq: 8 May 2019 4:45

Instrument :

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ClientSampleId :

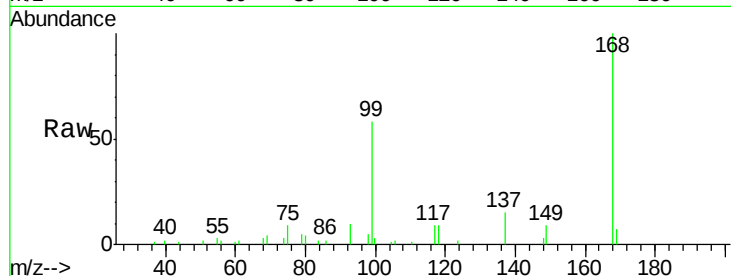
SB-03-1.0-1.5

Tot Ion:168 Resp: 112831

Ion Ratio Lower Upper

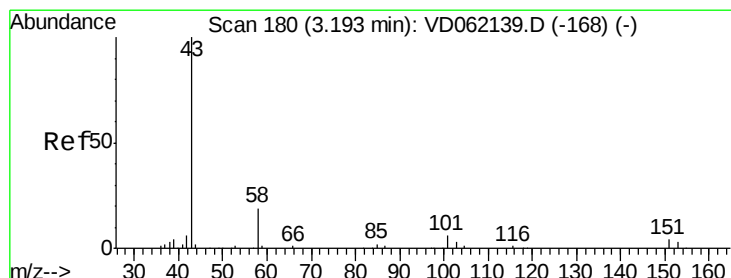
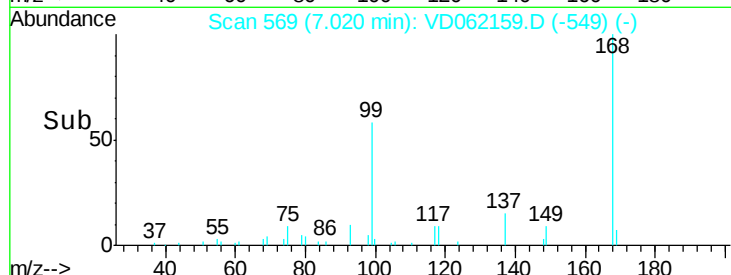
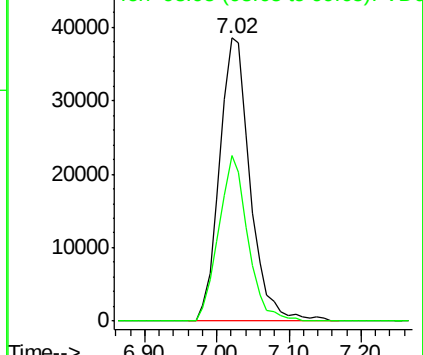
168 100

99 58.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 25.626 ug/l

RT: 3.20 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD062159.D

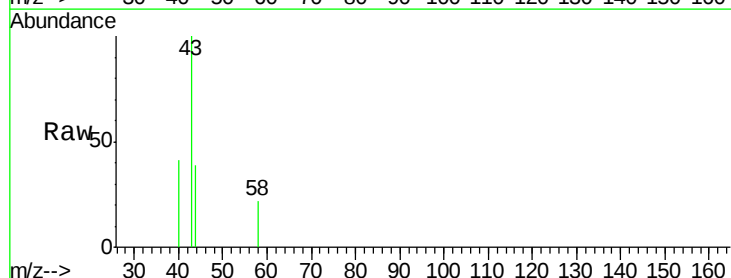
Acq: 8 May 2019 4:45

Tgt Ion: 43 Resp: 5635

Ion Ratio Lower Upper

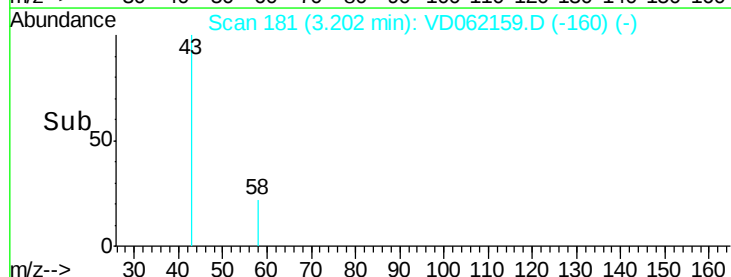
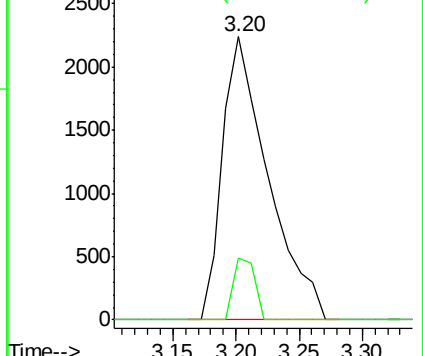
43 100

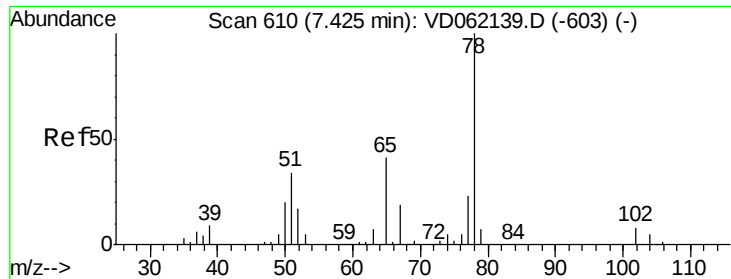
58 22.0 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

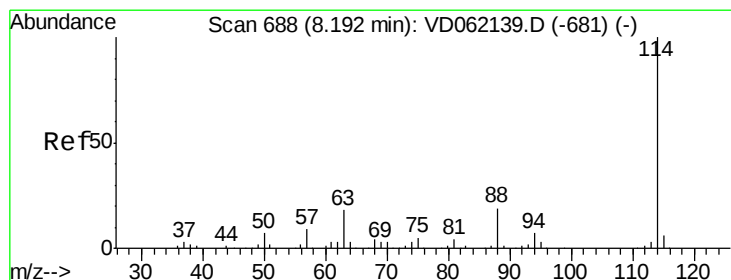
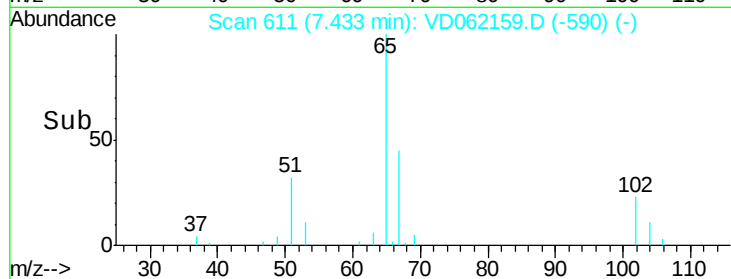
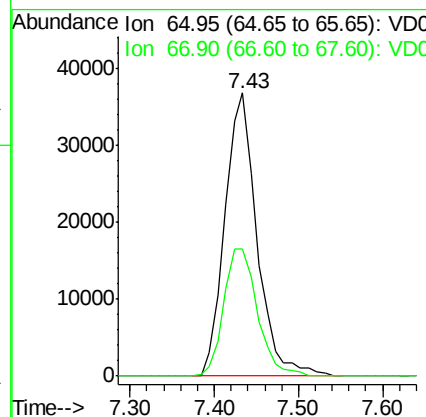
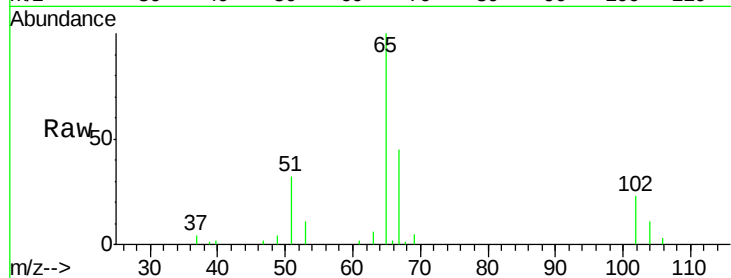




#33
 1,2-Dichloroethane-d4
 Concen: 92.650 ug/l
 RT: 7.43 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VD062159.D
 Acq: 8 May 2019 4:45

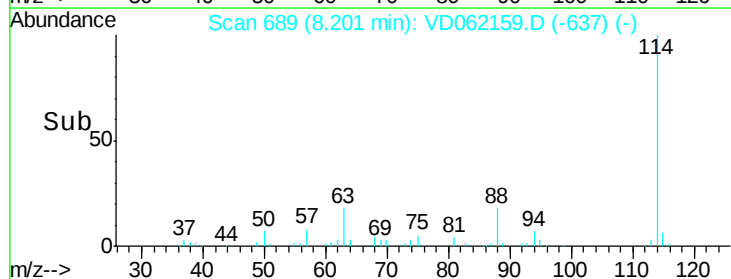
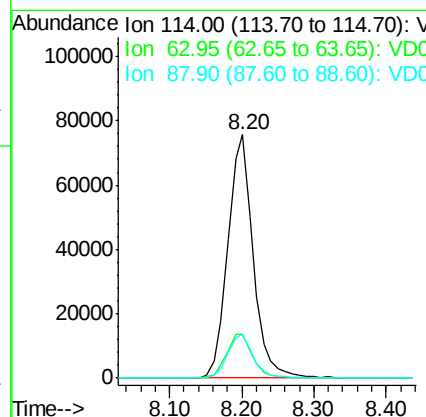
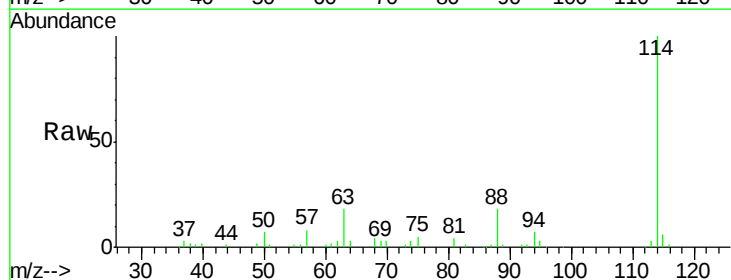
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-1.0-1.5

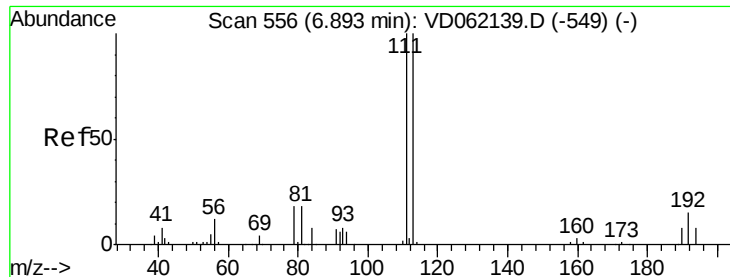
Tot Ion: 65 Resp: 97148
 Ion Ratio Lower Upper
 65 100
 67 45.0 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD062159.D
 Acq: 8 May 2019 4:45

Tgt Ion: 114 Resp: 184113
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 32.4
 88 18.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 59.954 ug/l

RT: 6.90 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD062159.D

Acq: 8 May 2019 4:45

Instrument :

MSVOA_D

ClientSampleId :

SB-03-1.0-1.5

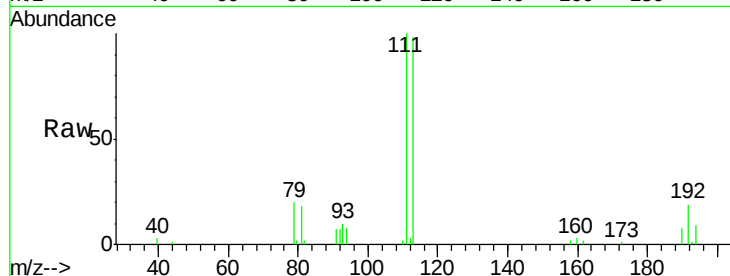
Tot Ion:113 Resp: 91586

Ion Ratio Lower Upper

113 100

111 102.2 78.5 117.7

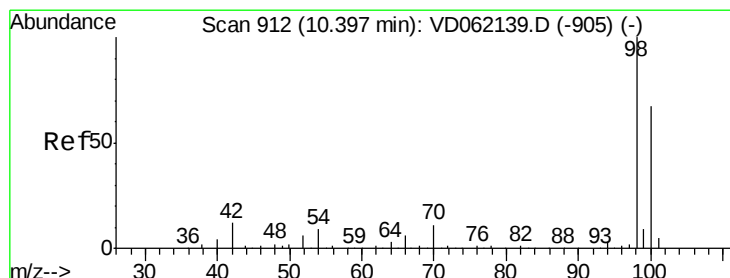
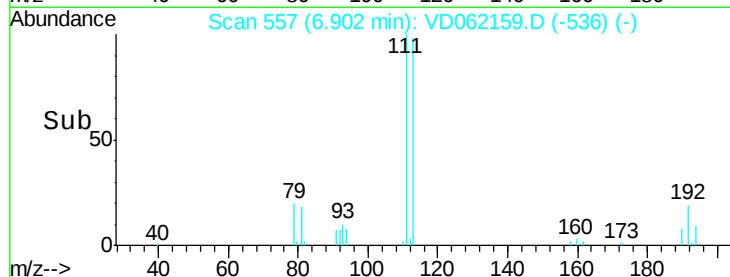
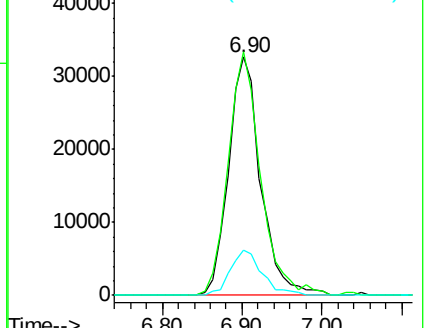
192 19.0 13.0 19.4



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: 39.033 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062159.D

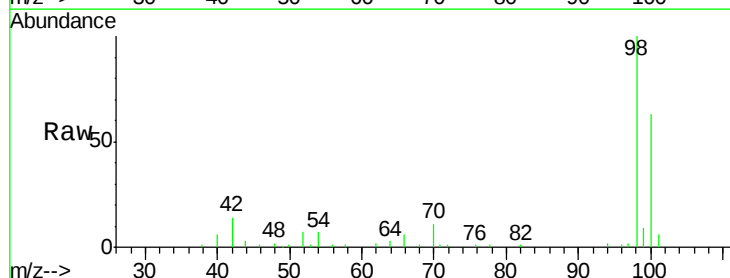
Acq: 8 May 2019 4:45

Tgt Ion: 98 Resp: 143767

Ion Ratio Lower Upper

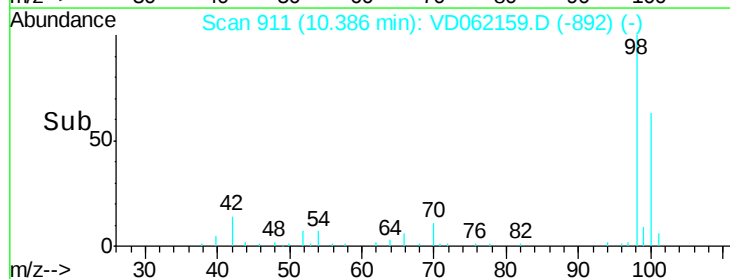
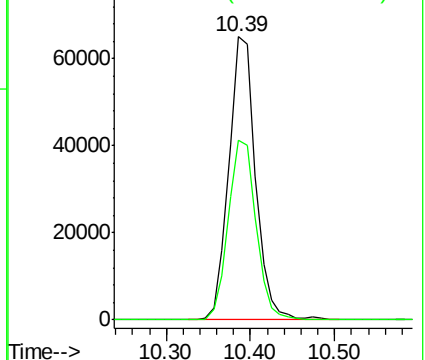
98 100

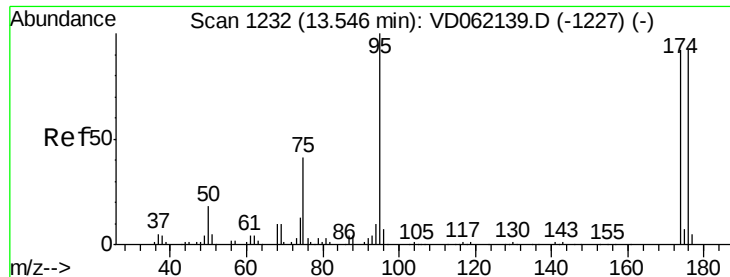
100 63.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 35.389 ug/l

RT: 13.54 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062159.D

Acq: 8 May 2019 4:45

Instrument :

MSVOA_D

ClientSampleId :

SB-03-1.0-1.5

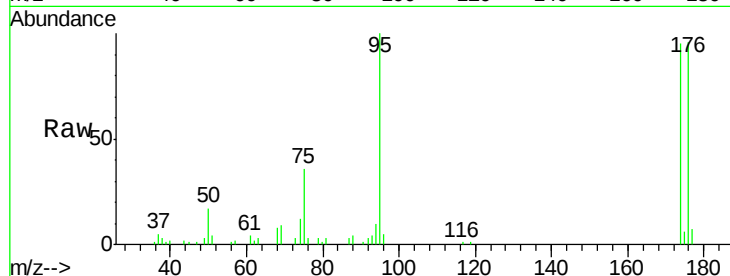
Tot Ion: 95 Resp: 52341

Ion Ratio Lower Upper

95 100

174 95.1 0.0 181.8

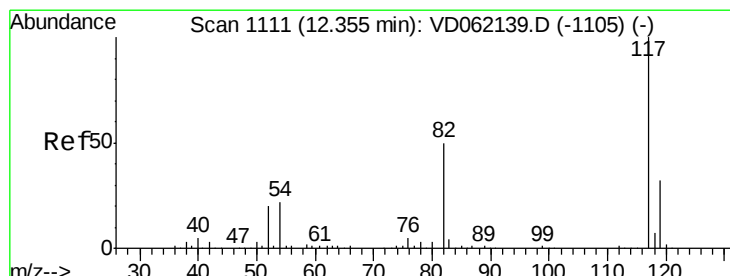
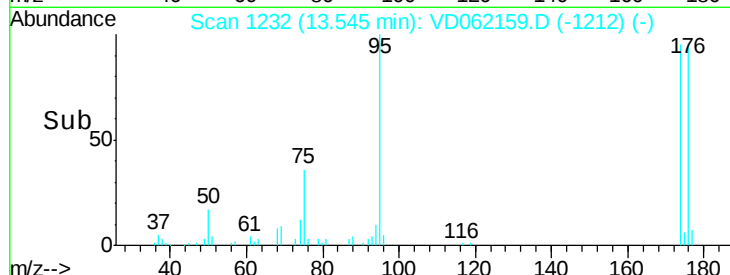
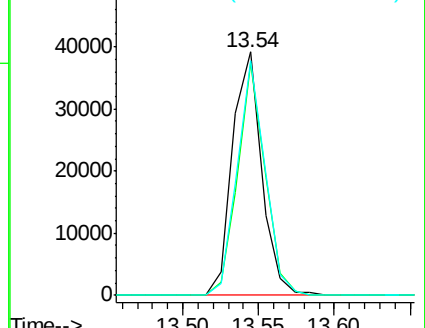
176 96.2 0.0 174.4



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: 12.35 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD062159.D

Acq: 8 May 2019 4:45

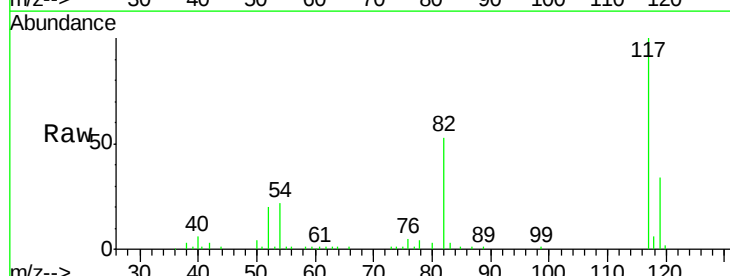
Tgt Ion: 117 Resp: 131563

Ion Ratio Lower Upper

117 100

82 52.9 36.2 54.2

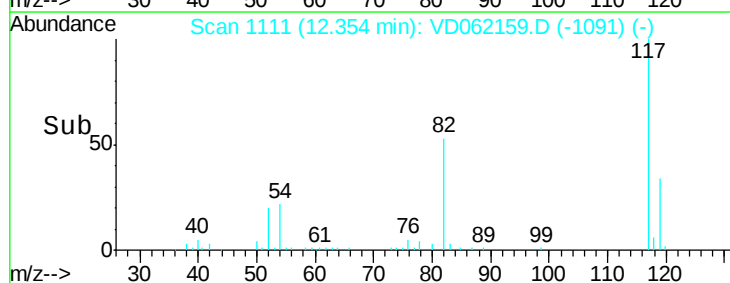
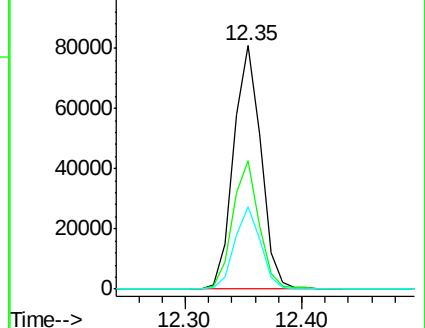
119 34.0 26.2 39.4

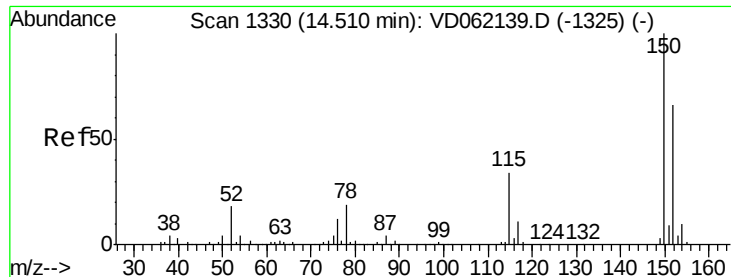


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.51 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD062159.D

Acq: 8 May 2019 4:45

Instrument :

MSVOA_D

ClientSampleId :

SB-03-1.0-1.5

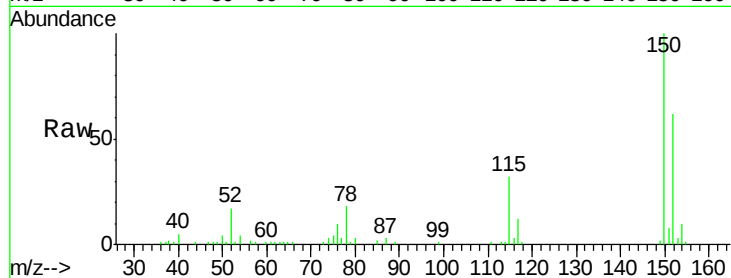
Tot Ion:152 Resp: 43218

Ion Ratio Lower Upper

152 100

115 52.7 30.9 92.7

150 162.4 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

