

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050819\
 Data File : VD062171.D
 Acq On : 8 May 2019 13:53
 Operator : FY/SY
 Sample : K2672-19
 Misc : 5.07g/5mL/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-1.0-1.5

Quant Time: May 09 01:49:55 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

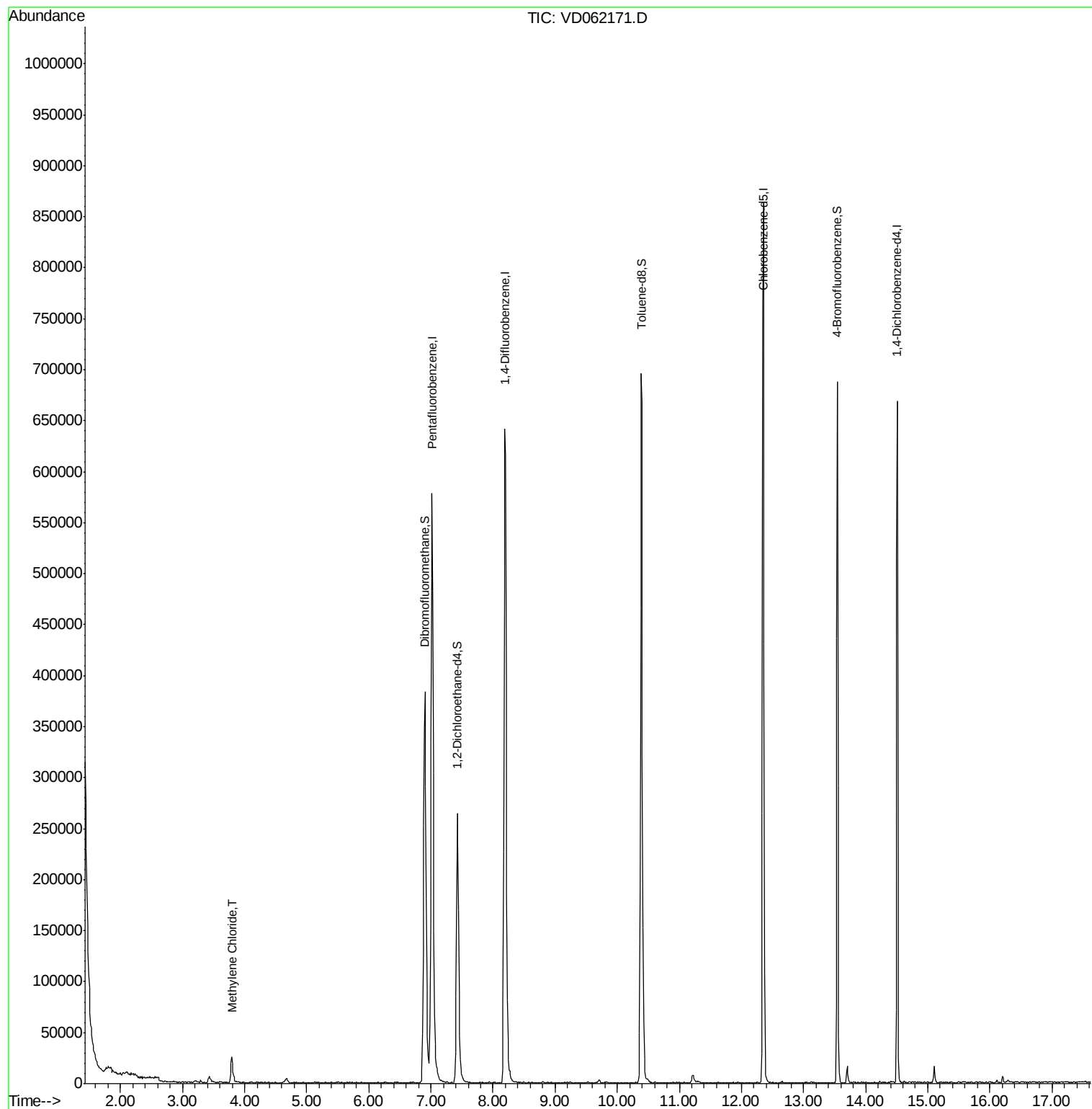
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	565631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	745225	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	516897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	152246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	280671	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
35) Dibromofluoromethane	6.90	113	347804	56.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.50%	
50) Toluene-d8	10.40	98	595058	39.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.82%	
62) 4-Bromofluorobenzene	13.55	95	190778	31.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.74%	
Target Compounds						
20) Methylene Chloride	3.79	84	15436	3.354	ug/l	Qvalue 99

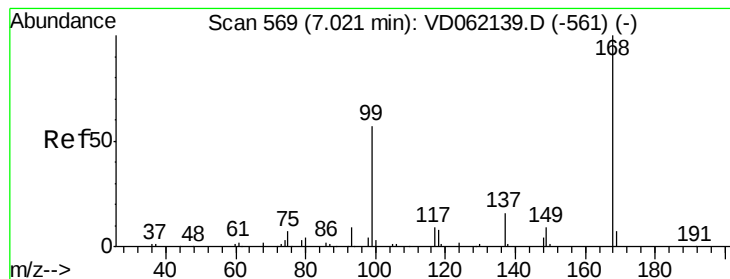
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.00 min

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Acq: 8 May 2019 13:53

Instrument :

MSVOA_D

ClientSampleId :

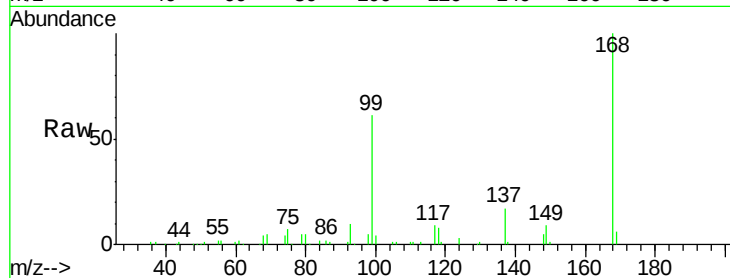
SB-10-1.0-1.5

Tot Ion:168 Resp: 565631

Ion Ratio Lower Upper

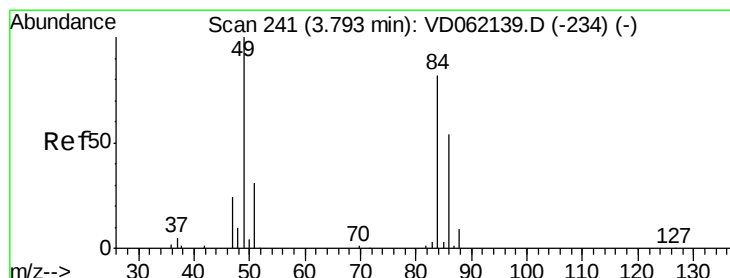
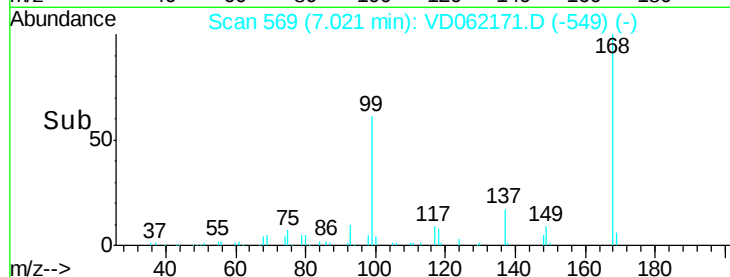
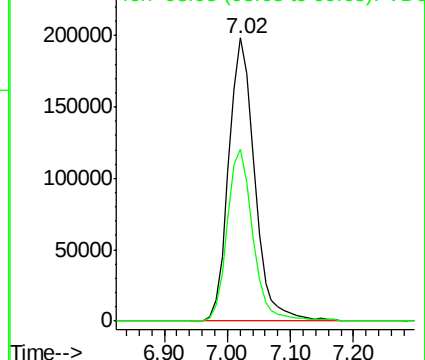
168 100

99 60.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 3.354 ug/l

RT: 3.79 min Scan# 241

Delta R.T. -0.00 min

Lab File: VD062171.D

Acq: 8 May 2019 13:53

Tgt Ion: 84 Resp: 15436

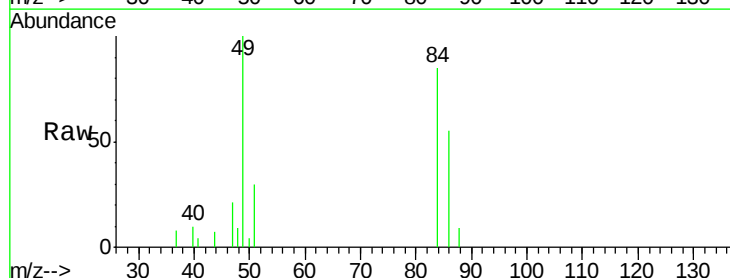
Ion Ratio Lower Upper

84 100

49 117.6 94.0 141.0

51 35.8 29.0 43.4

86 65.1 49.8 74.6

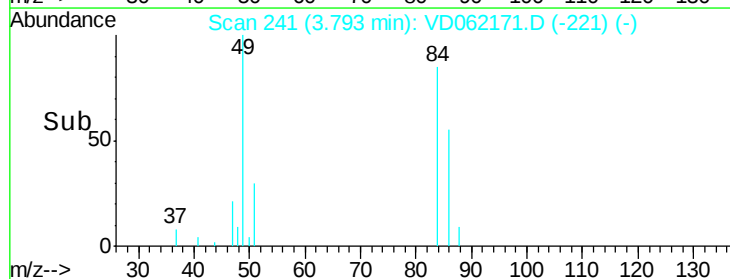
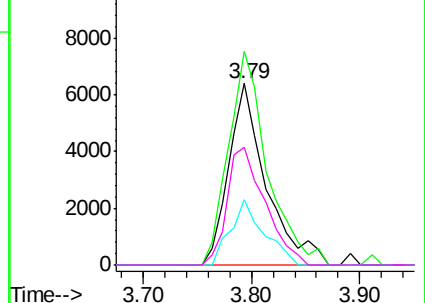


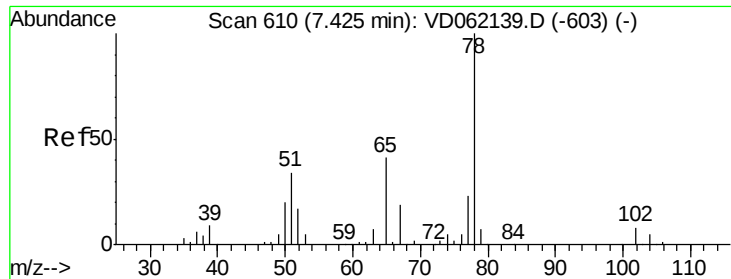
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#33

1,2-Dichloroethane-d4

Concen: 53.395 ug/l

RT: 7.42 min Scan# 610

Delta R.T. -0.00 min

Lab File: VD062171.D

Acq: 8 May 2019 13:53

Instrument :

MSVOA_D

ClientSampleId :

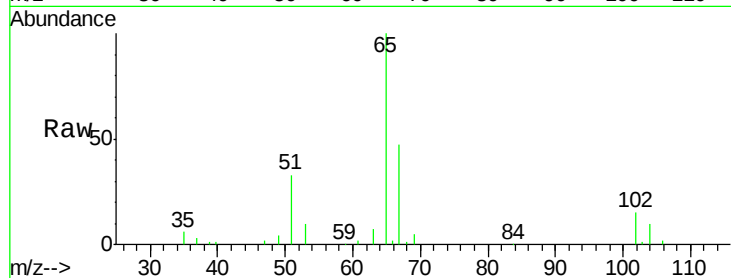
SB-10-1.0-1.5

Tot Ion: 65 Resp: 280671

Ion Ratio Lower Upper

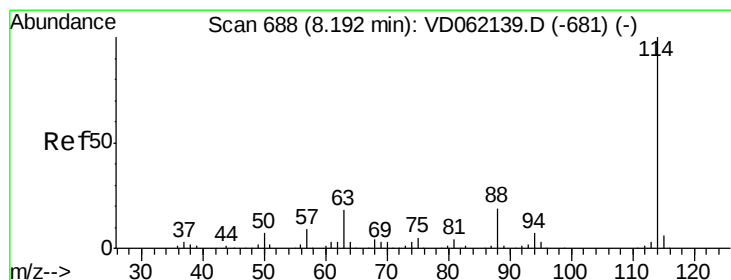
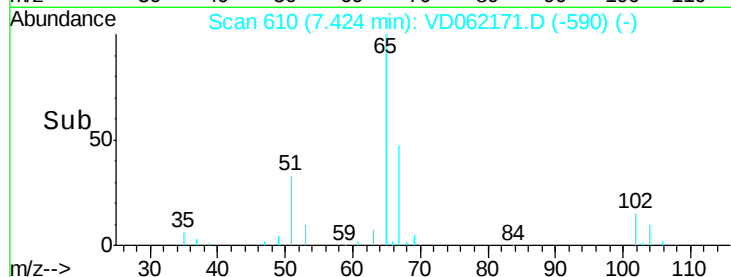
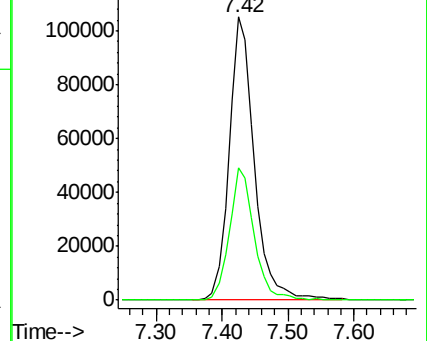
65 100

67 46.5 0.0 98.0



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# 689

Delta R.T. 0.01 min

Lab File: VD062171.D

Acq: 8 May 2019 13:53

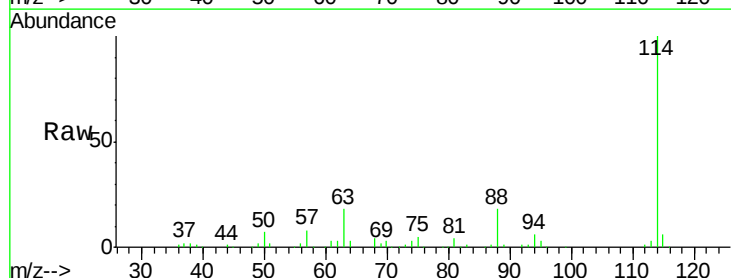
Tgt Ion: 114 Resp: 745225

Ion Ratio Lower Upper

114 100

63 17.5 0.0 32.4

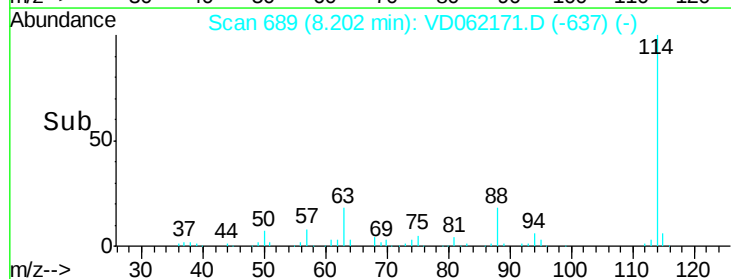
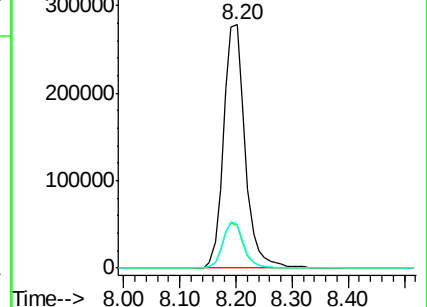
88 17.8 0.0 33.6

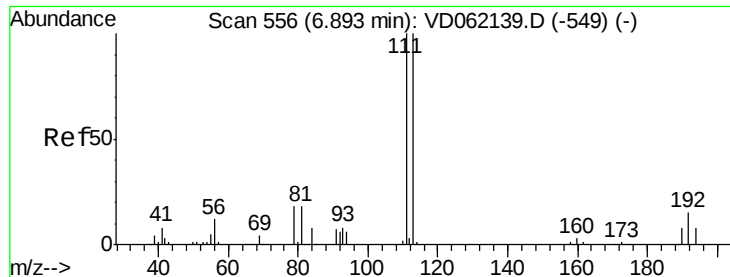


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 56.250 ug/l

RT: 6.90 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD062171.D

Acq: 8 May 2019 13:53

Instrument :

MSVOA_D

ClientSampleId :

SB-10-1.0-1.5

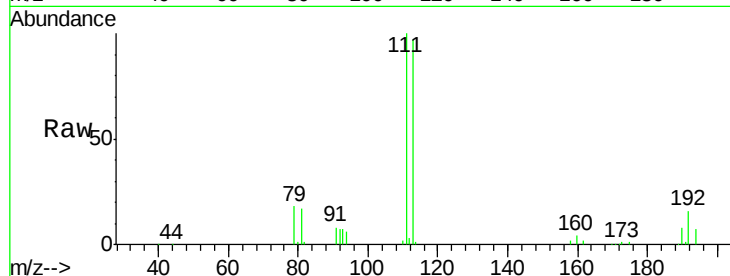
Tot Ion:113 Resp: 347804

Ion Ratio Lower Upper

113 100

111 103.3 78.5 117.7

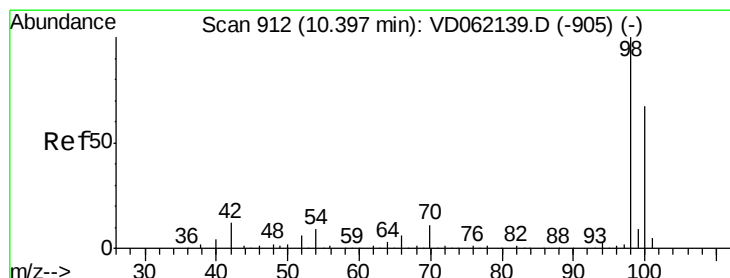
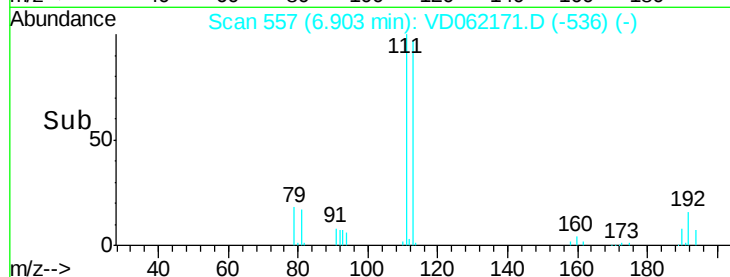
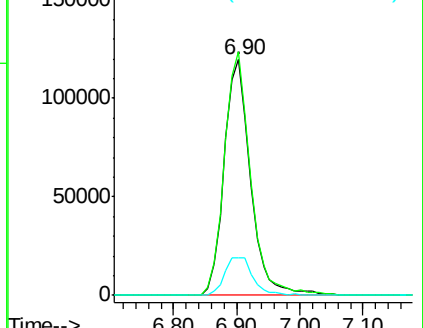
192 16.2 13.0 19.4



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: 39.915 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD062171.D

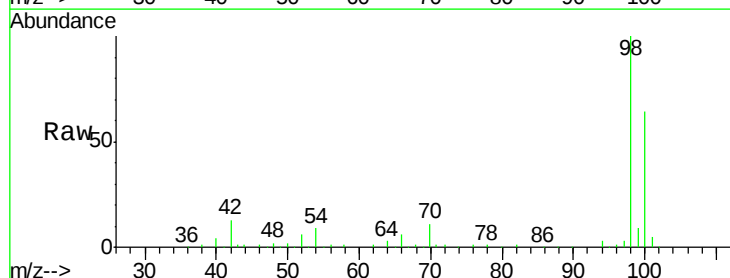
Acq: 8 May 2019 13:53

Tgt Ion: 98 Resp: 595058

Ion Ratio Lower Upper

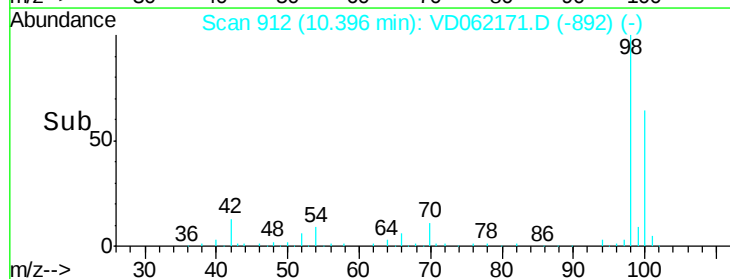
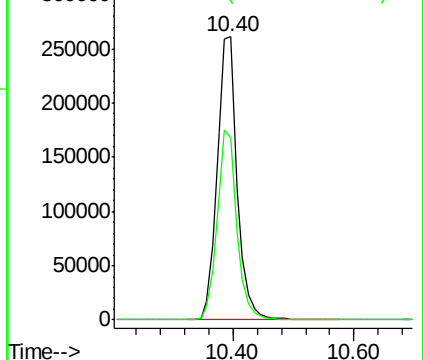
98 100

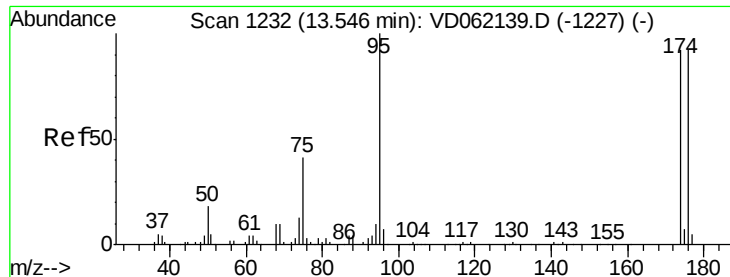
100 64.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 31.868 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062171.D

Acq: 8 May 2019 13:53

Instrument :

MSVOA_D

ClientSampleId :

SB-10-1.0-1.5

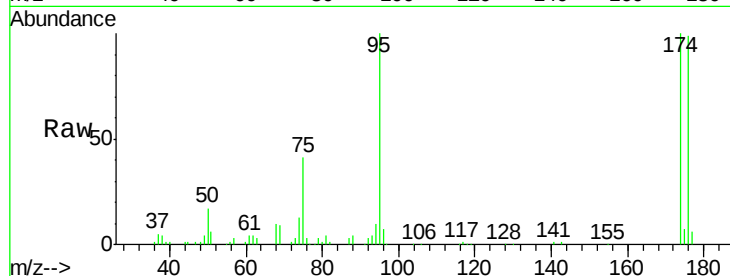
Tot Ion: 95 Resp: 190778

Ion Ratio Lower Upper

95 100

174 100.3 0.0 181.8

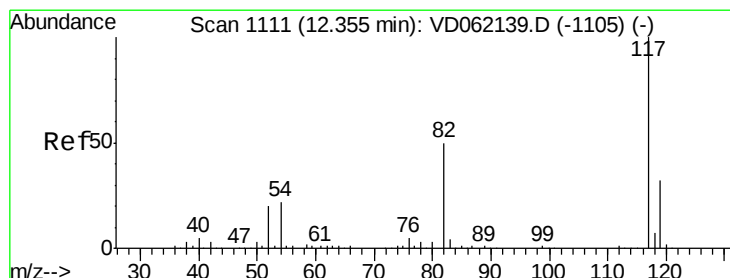
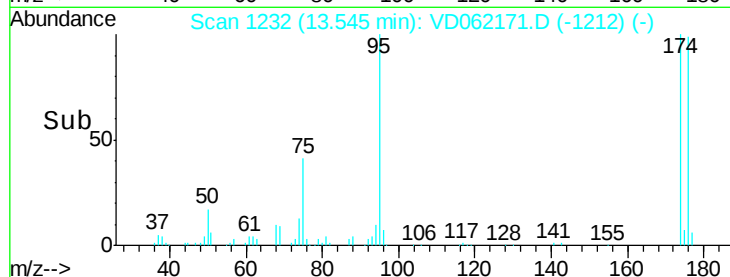
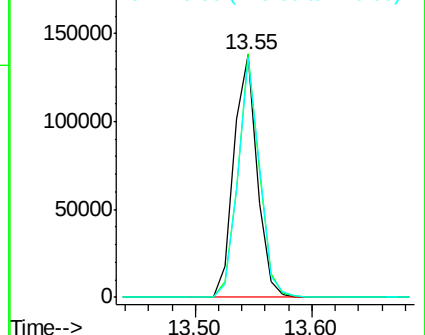
176 98.9 0.0 174.4



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: VD062171.D

Acq: 8 May 2019 13:53

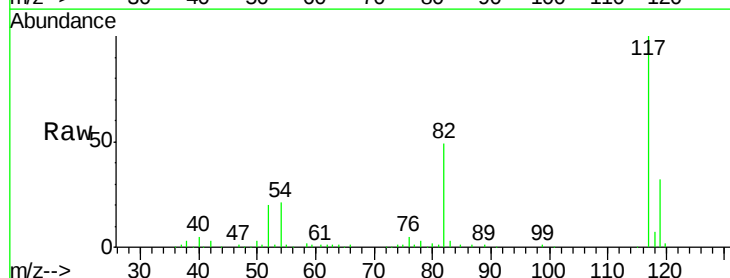
Tgt Ion: 117 Resp: 516897

Ion Ratio Lower Upper

117 100

82 49.0 36.2 54.2

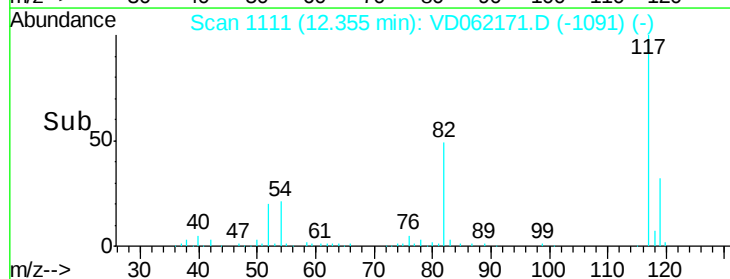
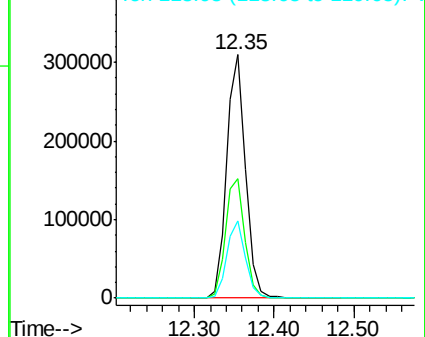
119 31.6 26.2 39.4

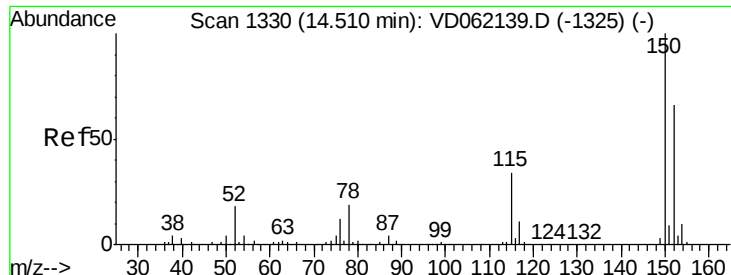


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD062171.D

Acq: 8 May 2019 13:53

Instrument :

MSVOA_D

ClientSampleId :

SB-10-1.0-1.5

Tot Ion:152 Resp: 152246

Ion Ratio Lower Upper

152 100

115 51.8 30.9 92.7

150 152.0 0.0 314.8

