

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062217.D
 Acq On : 10 May 2019 15:59
 Operator : FY/SY
 Sample : K2717-12RE
 Misc : 5.68g/5mL/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-02RE

Quant Time: May 11 00:07:57 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

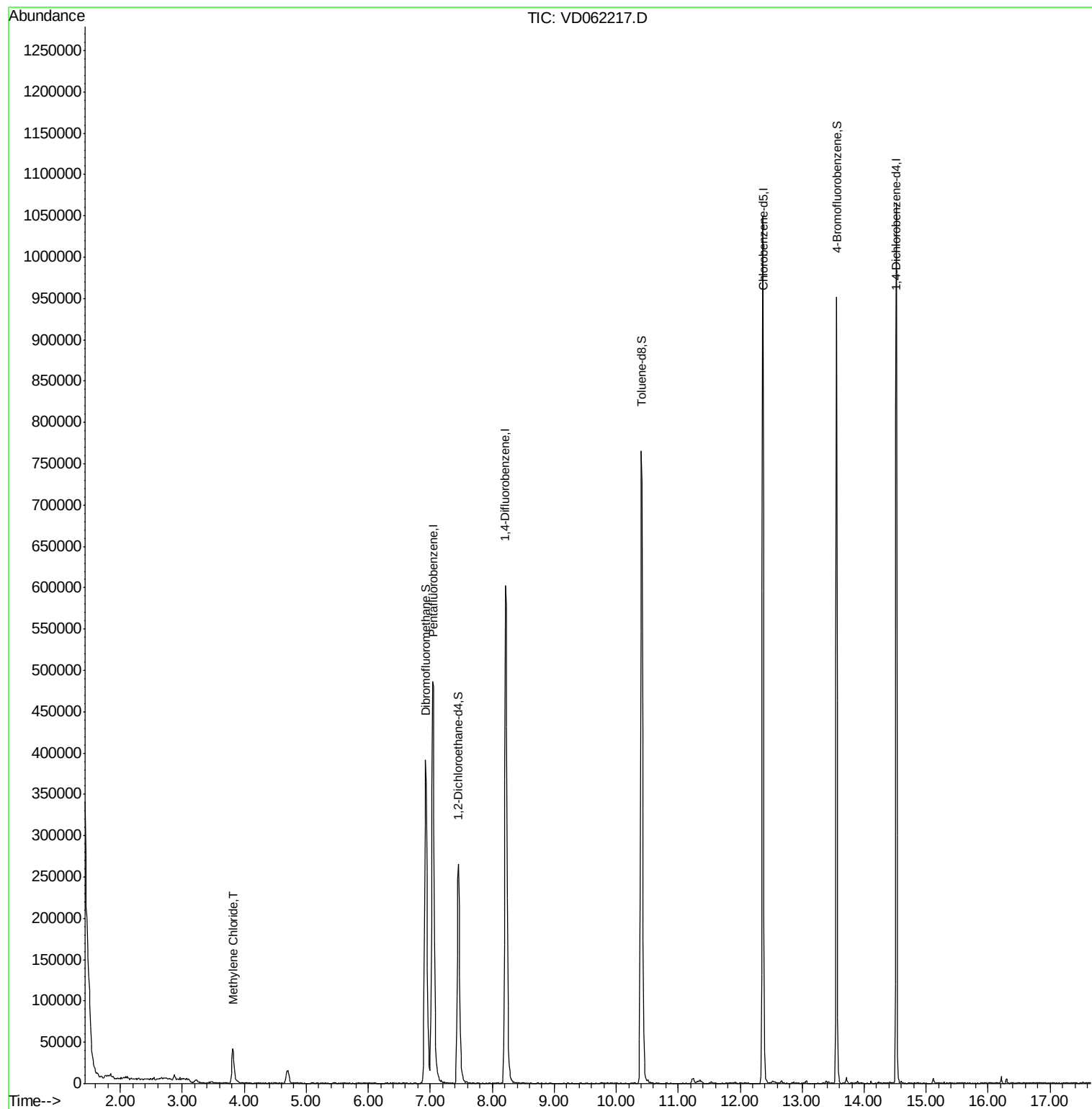
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	464267	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	682712	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	539207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	241160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	302734	70.17	ug/l	0.03
Spiked Amount 50.000			Recovery	=	140.34%	
35) Dibromofluoromethane	6.92	113	354218	62.53	ug/l	0.03
Spiked Amount 50.000			Recovery	=	125.06%	
50) Toluene-d8	10.41	98	680080	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
62) 4-Bromofluorobenzene	13.56	95	247458	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
Target Compounds						
20) Methylene Chloride	3.81	84	28575	7.564	ug/l #	92

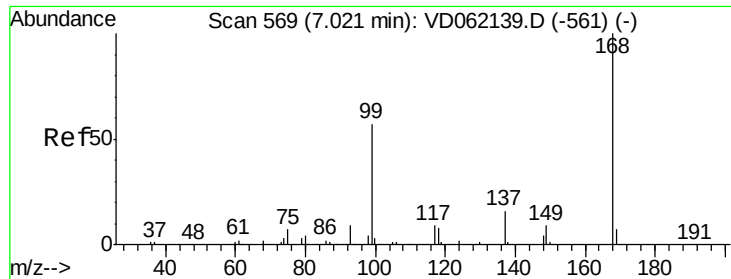
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:26:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062217.D

Acq: 10 May 2019 15:59

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ClientSampleId :

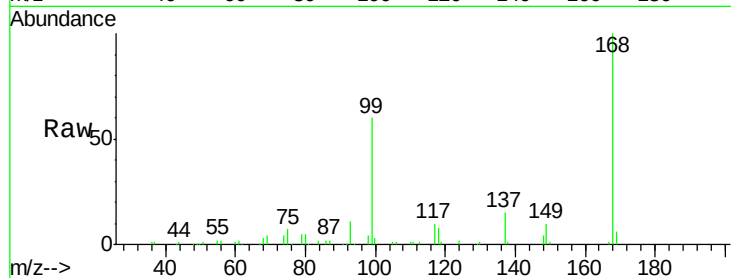
P026-SS002-1218-02RE

Tot Ion:168 Resp: 464267

Ion Ratio Lower Upper

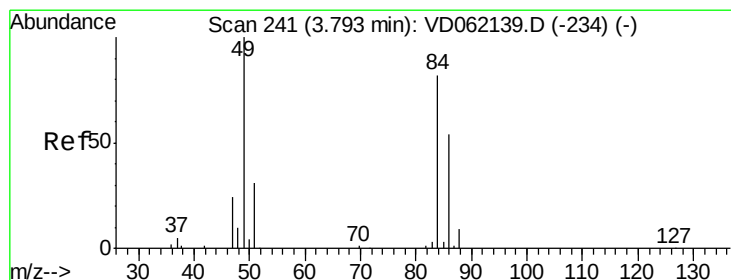
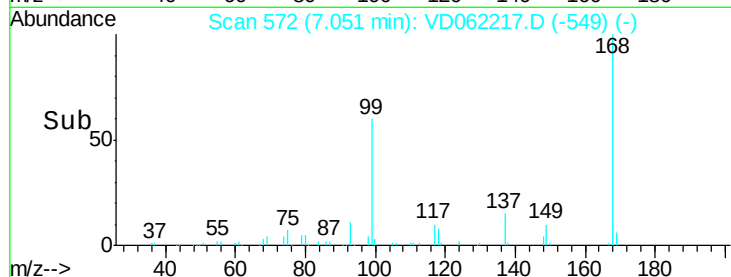
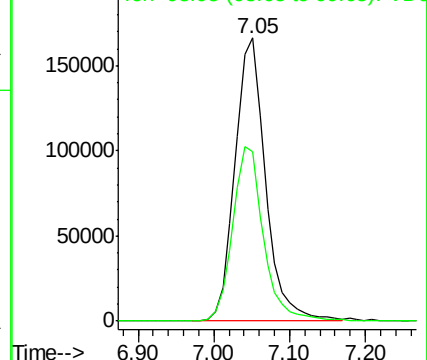
168 100

99 59.9 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: 7.564 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD062217.D

Acq: 10 May 2019 15:59

Tgt Ion: 84 Resp: 28575

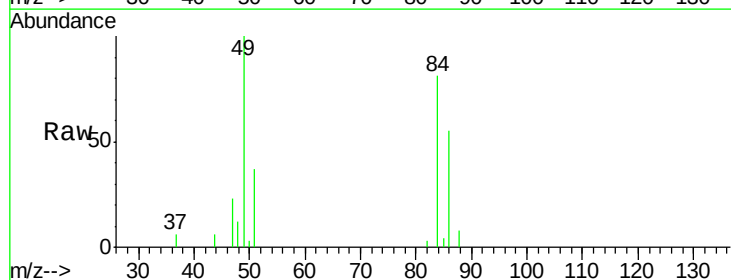
Ion Ratio Lower Upper

84 100

49 123.6 94.0 141.0

51 45.3 29.0 43.4#

86 67.6 49.8 74.6

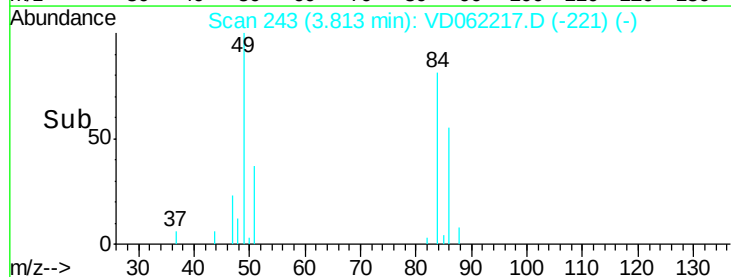
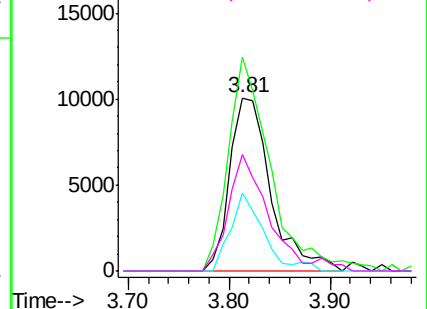


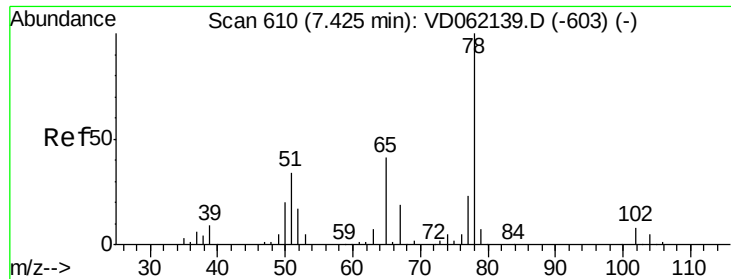
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

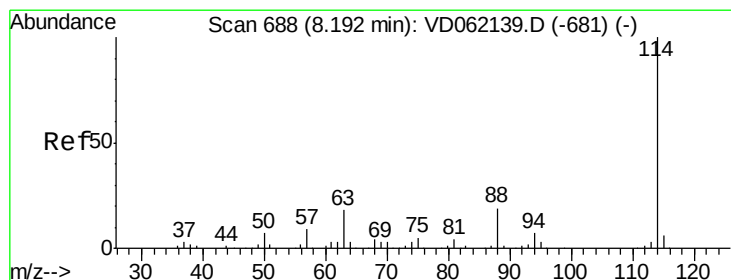
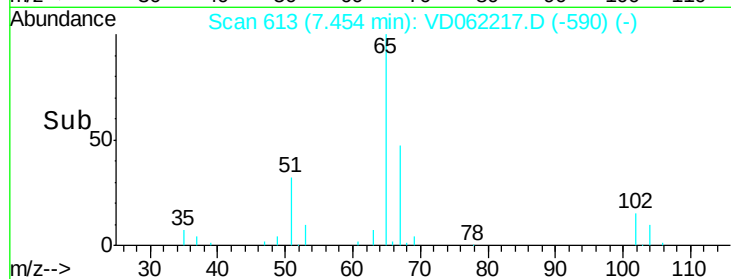
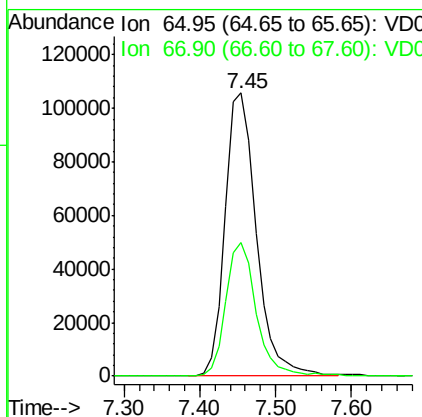
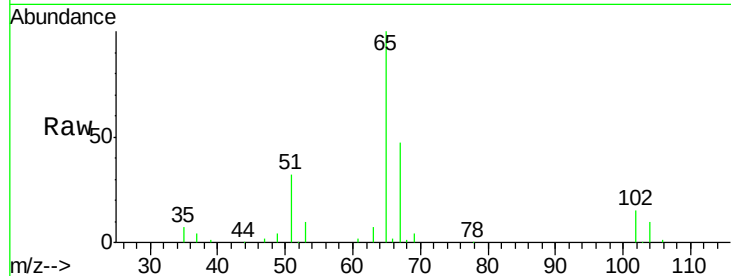




#33
 1,2-Dichloroethane-d4
 Concen: 70.167 ug/l
 RT: 7.45 min Scan# 613
 Delta R.T. 0.03 min
 Lab File: VD062217.D
 Acq: 10 May 2019 15:59

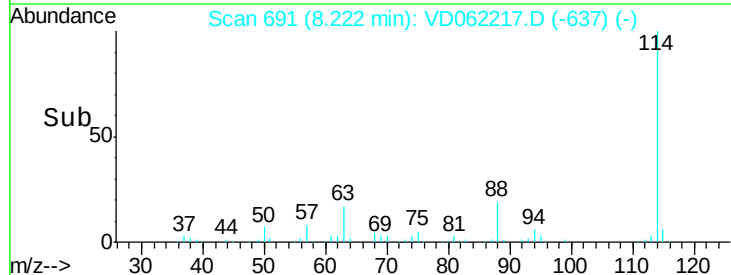
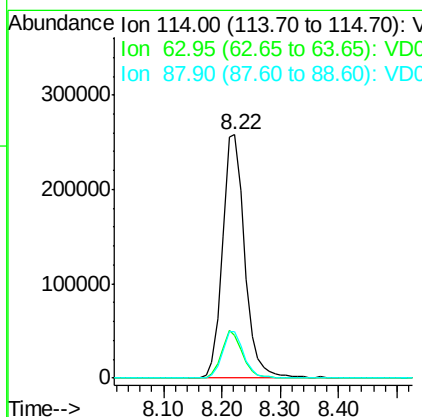
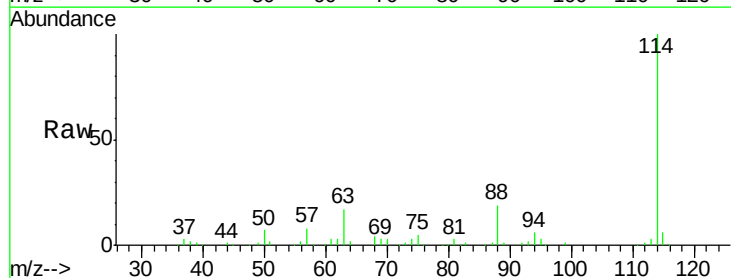
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1218-02RE

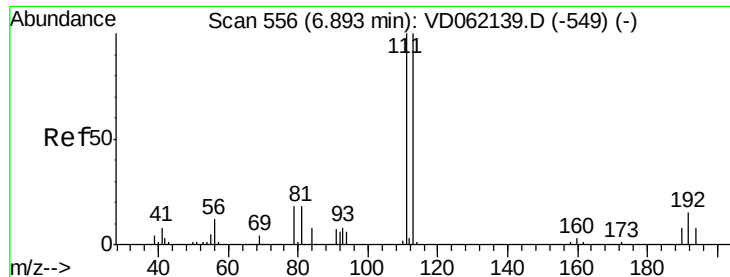
Tot Ion: 65 Resp: 302734
 Ion Ratio Lower Upper
 65 100
 67 47.0 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062217.D
 Acq: 10 May 2019 15:59

Tgt Ion: 114 Resp: 682712
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 32.4
 88 19.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 62.533 ug/l

RT: 6.92 min Scan# 559

Delta R.T. 0.03 min

Lab File: VD062217.D

Acq: 10 May 2019 15:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-02RE

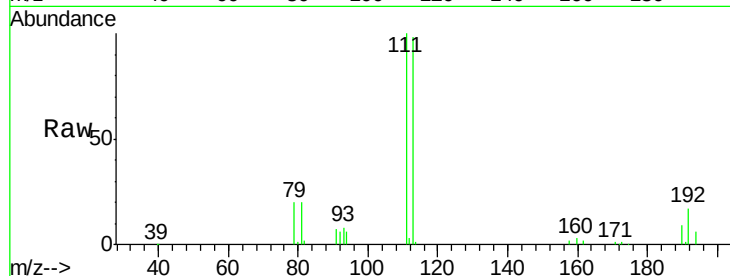
Tot Ion:113 Resp: 354218

Ion Ratio Lower Upper

113 100

111 102.5 78.5 117.7

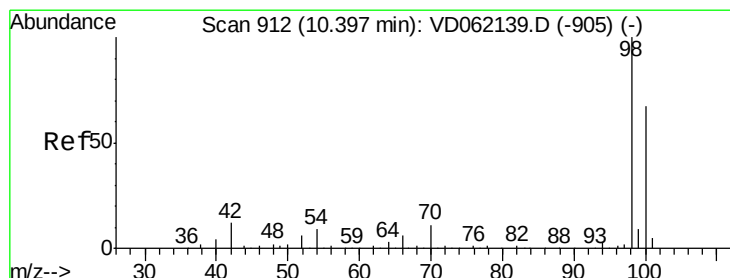
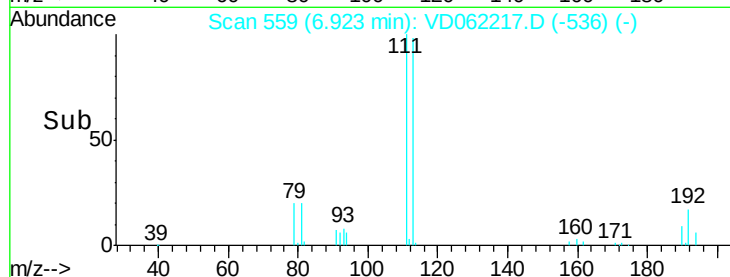
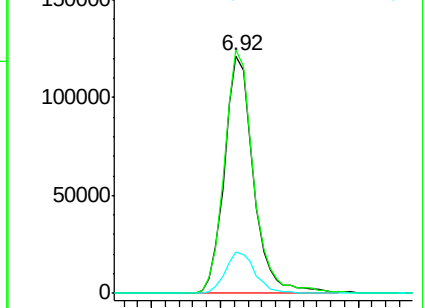
192 17.7 13.0 19.4



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: 49.795 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062217.D

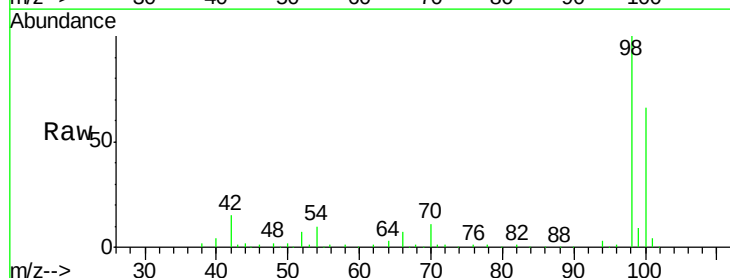
Acq: 10 May 2019 15:59

Tgt Ion: 98 Resp: 680080

Ion Ratio Lower Upper

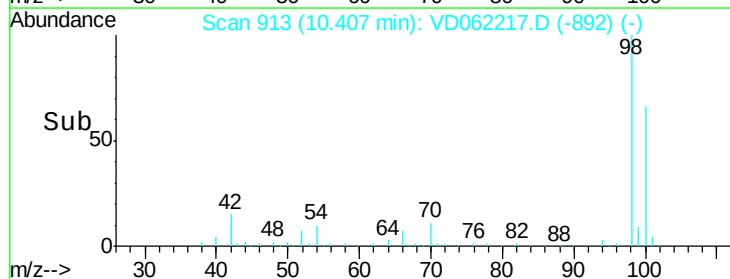
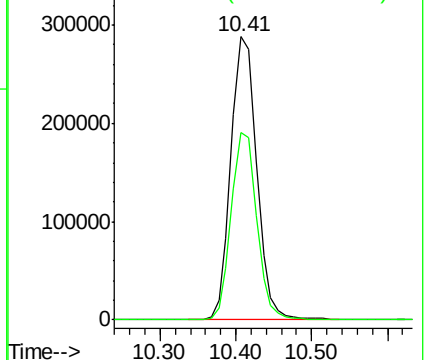
98 100

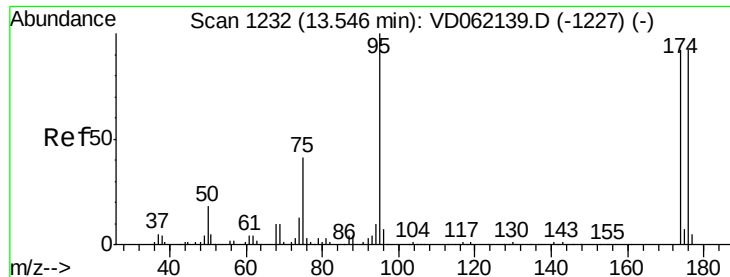
100 66.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 45.120 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062217.D

Acq: 10 May 2019 15:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1218-02RE

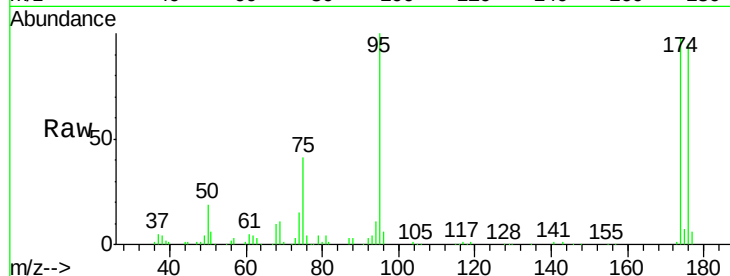
Tot Ion: 95 Resp: 247458

Ion Ratio Lower Upper

95 100

174 97.5 0.0 181.8

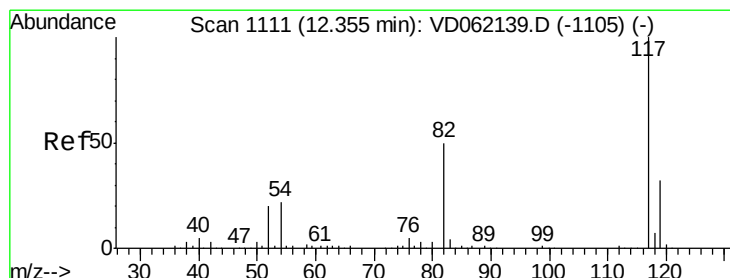
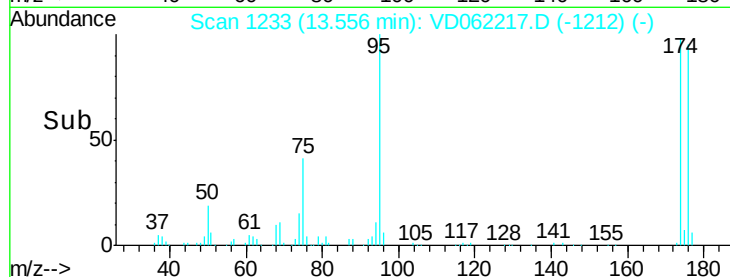
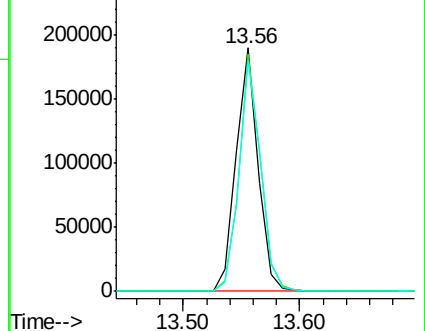
176 94.6 0.0 174.4



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: 12.36 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD062217.D

Acq: 10 May 2019 15:59

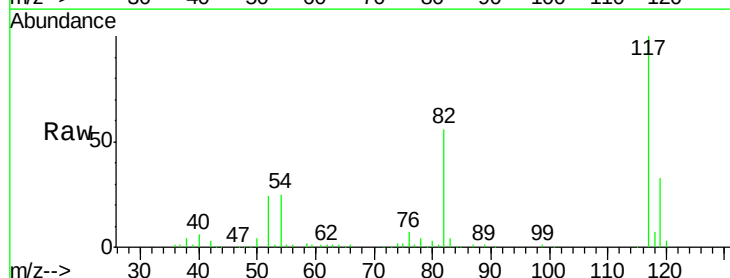
Tgt Ion: 117 Resp: 539207

Ion Ratio Lower Upper

117 100

82 56.2 36.2 54.2#

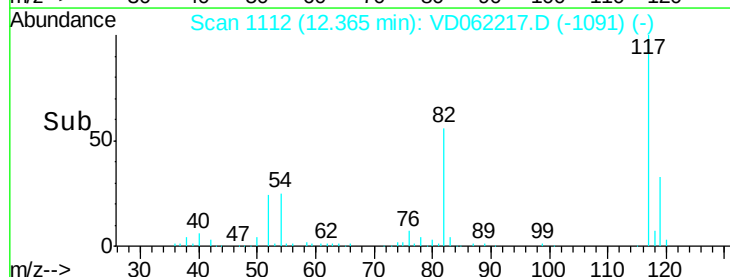
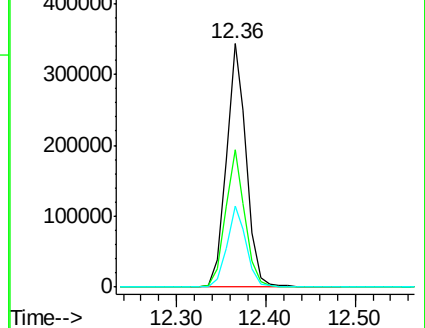
119 33.0 26.2 39.4

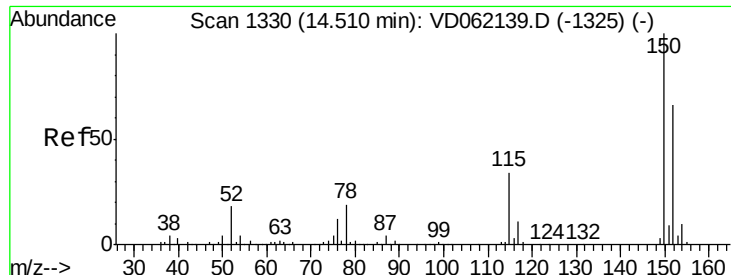


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062217.D

Acq: 10 May 2019 15:59

Instrument :

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ClientSampleId :

P026-SS002-1218-02RE

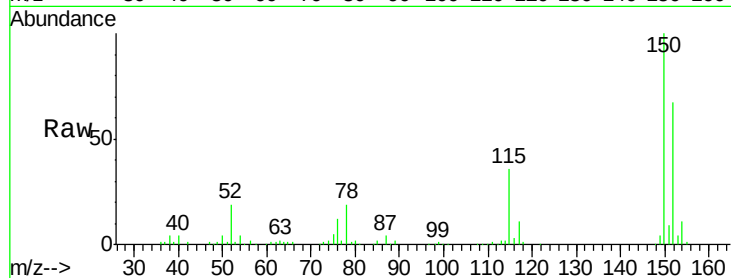
Tot Ion:152 Resp: 241160

Ion Ratio Lower Upper

152 100

115 53.5 30.9 92.7

150 149.3 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

