

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD051319\
 Data File : VD062317.D
 Acq On : 13 May 2019 20:58
 Operator : FY/SY
 Sample : K2756-12
 Misc : 5.79g/5mL/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS007-0206-01

Quant Time: May 15 18:09:18 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

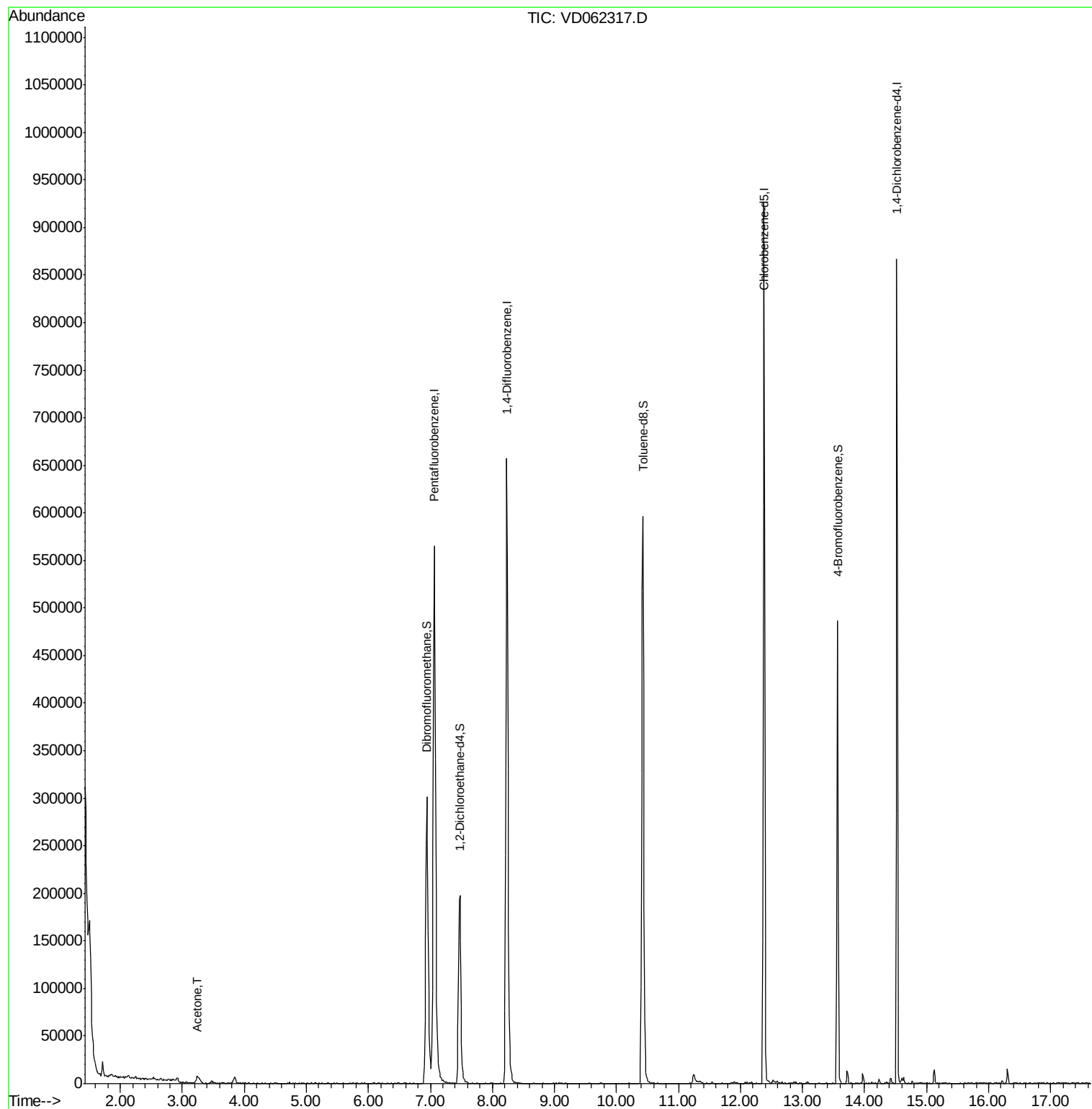
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	505394	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	647619	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	459400	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	180394	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	231583	49.31	ug/l	0.05
Spiked Amount 50.000			Recovery	=	98.62%	
35) Dibromofluoromethane	6.94	113	258882	48.18	ug/l	0.05
Spiked Amount 50.000			Recovery	=	96.36%	
50) Toluene-d8	10.43	98	490907	37.89	ug/l	0.03
Spiked Amount 50.000			Recovery	=	75.78%	
62) 4-Bromofluorobenzene	13.56	95	155134	29.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	59.64%	
Target Compounds						
16) Acetone	3.23	43	15598	15.836	ug/l #	Qvalue 80

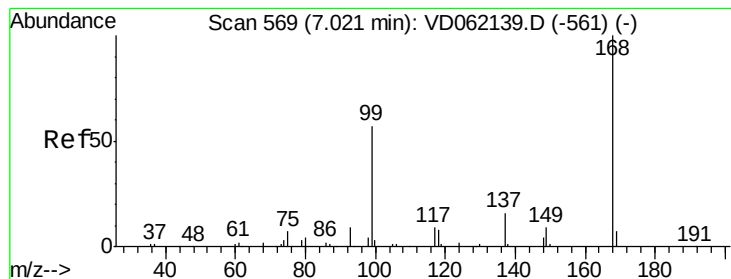
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062317.D

Acq: 13 May 2019 20:58

Instrument :

MSVOA_D

ClientSampleId :

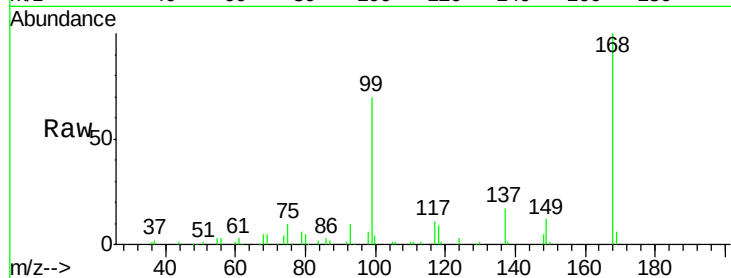
P021-SS007-0206-01

Tot Ion:168 Resp: 505394

Ion Ratio Lower Upper

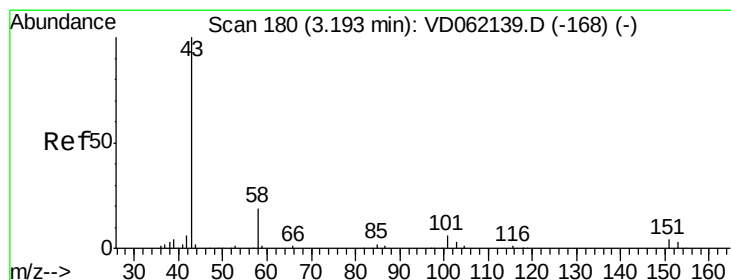
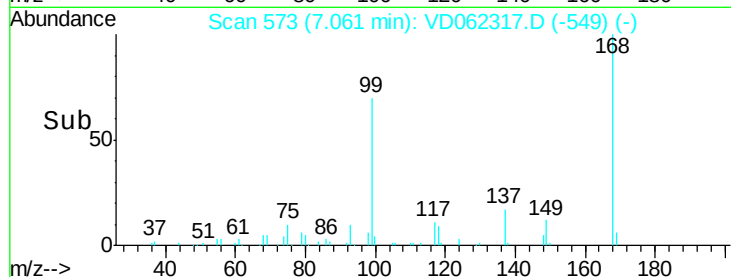
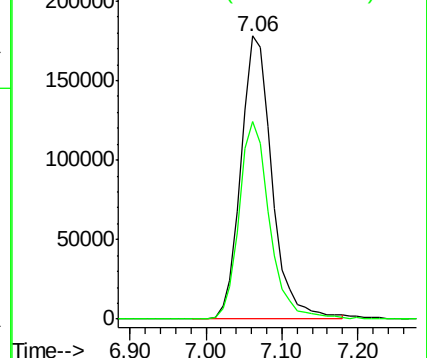
168 100

99 70.0 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: 15.836 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062317.D

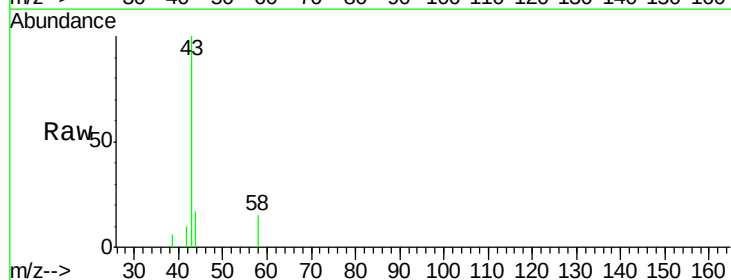
Acq: 13 May 2019 20:58

Tgt Ion: 43 Resp: 15598

Ion Ratio Lower Upper

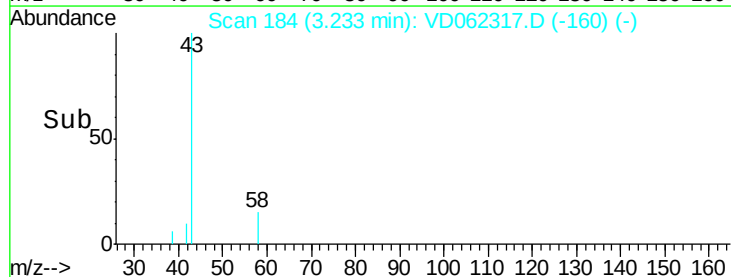
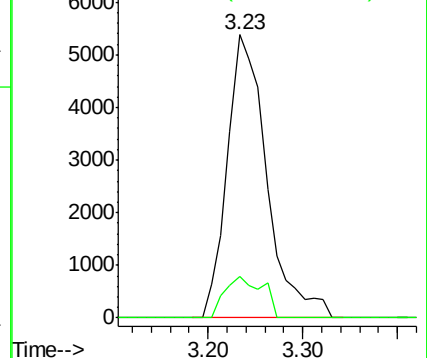
43 100

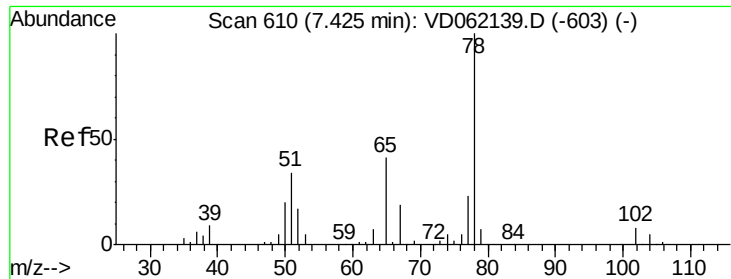
58 14.8 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

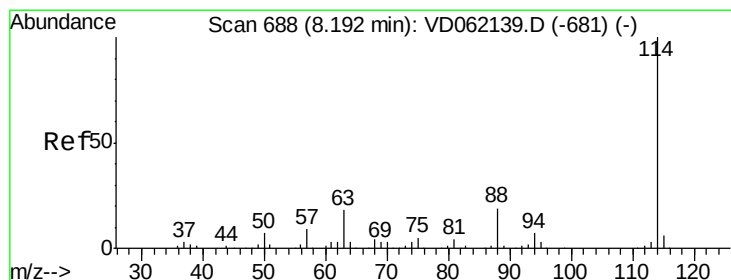
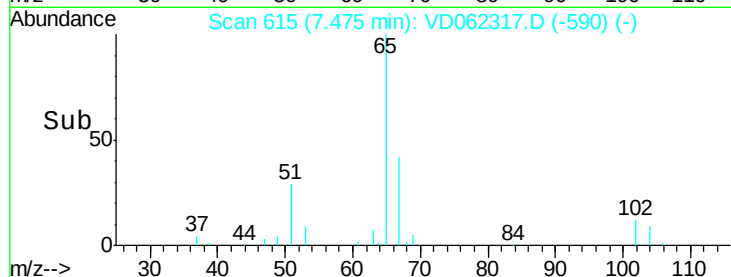
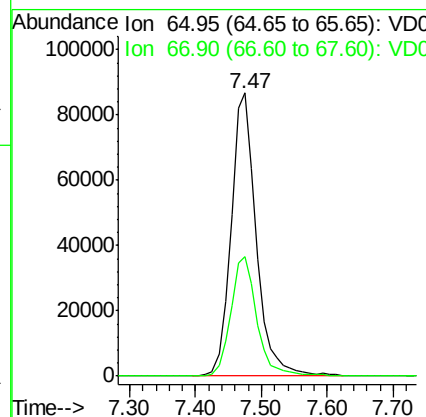
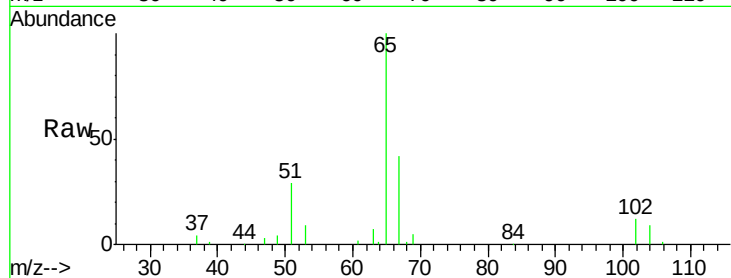




#33
 1,2-Dichloroethane-d4
 Concen: 49.308 ug/l
 RT: 7.47 min Scan# 615
 Delta R.T. 0.05 min
 Lab File: VD062317.D
 Acq: 13 May 2019 20:58

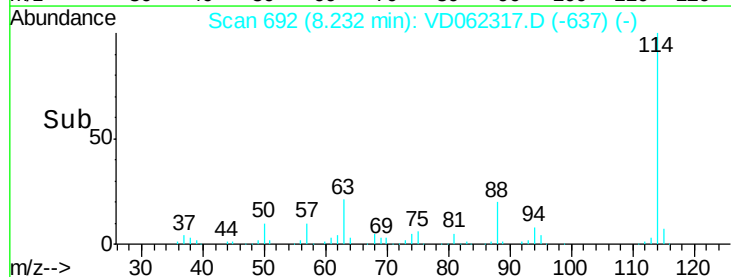
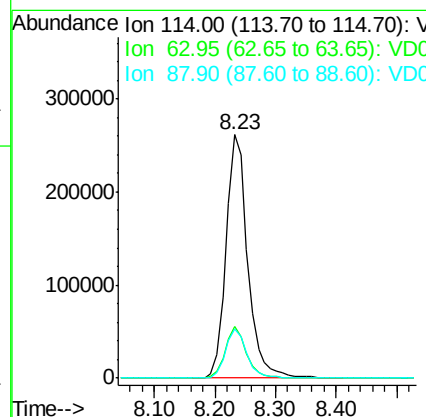
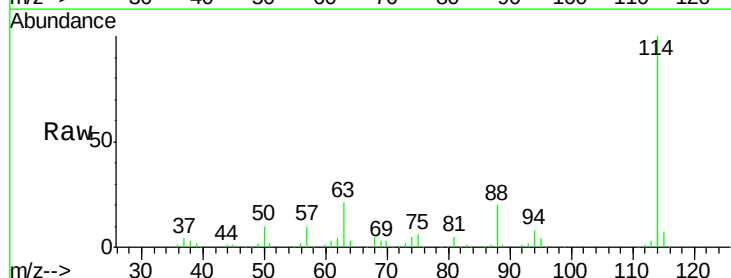
Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS007-0206-01

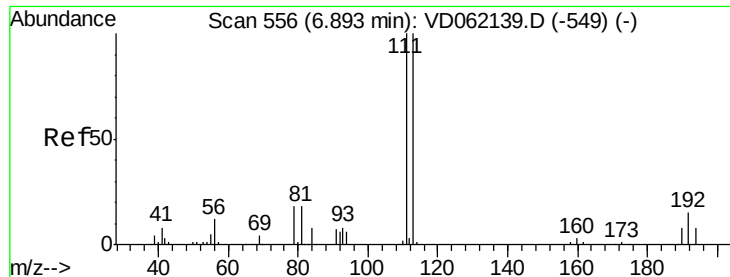
Tot Ion: 65 Resp: 231583
 Ion Ratio Lower Upper
 65 100
 67 42.2 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062317.D
 Acq: 13 May 2019 20:58

Tgt Ion: 114 Resp: 647619
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 32.4
 88 20.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 48.179 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062317.D

Acq: 13 May 2019 20:58

Instrument :

MSVOA_D

ClientSampleId :

P021-SS007-0206-01

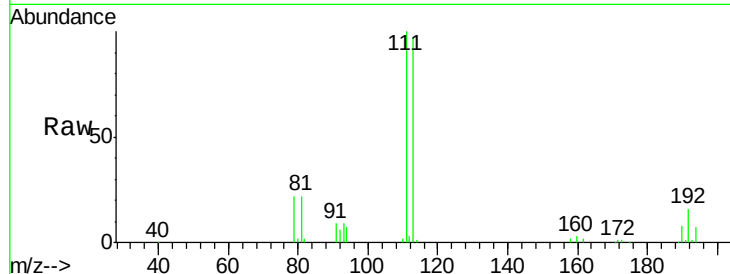
Tot Ion:113 Resp: 258882

Ion Ratio Lower Upper

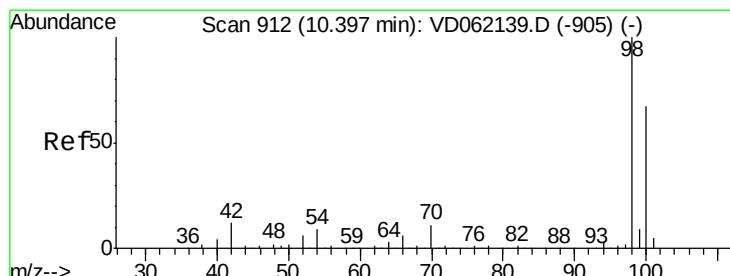
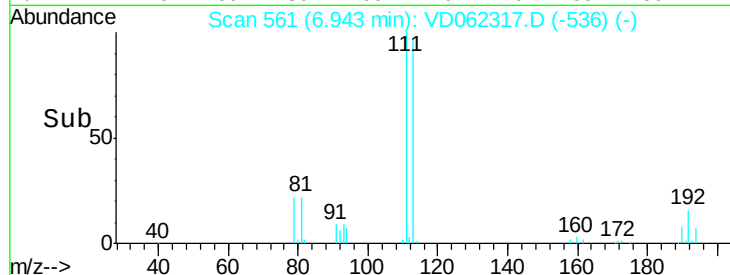
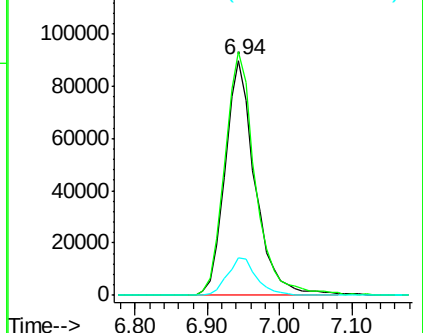
113 100

111 103.6 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: 37.892 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062317.D

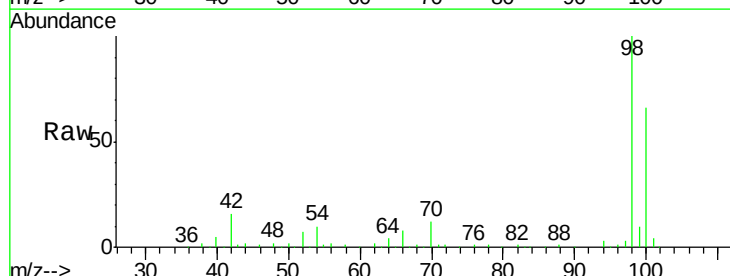
Acq: 13 May 2019 20:58

Tgt Ion: 98 Resp: 490907

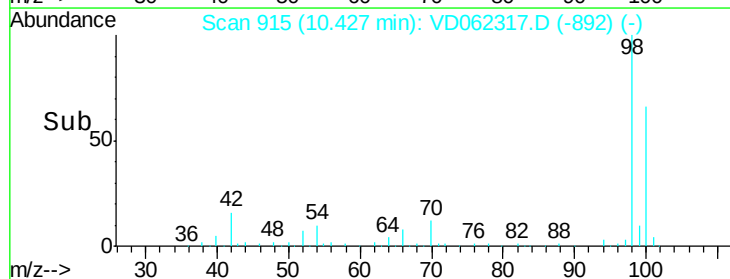
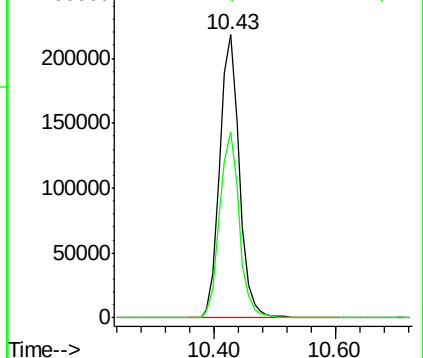
Ion Ratio Lower Upper

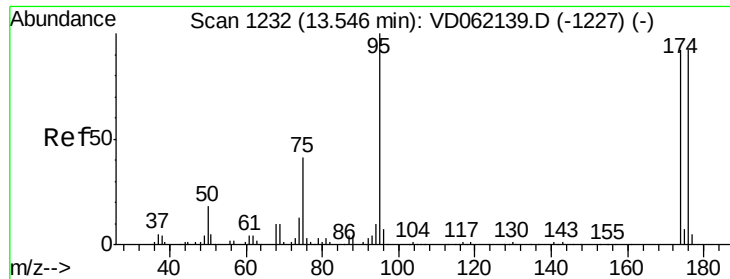
98 100

100 65.6 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: 29.819 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062317.D

Acq: 13 May 2019 20:58

Instrument :

MSVOA_D

ClientSampleId :

P021-SS007-0206-01

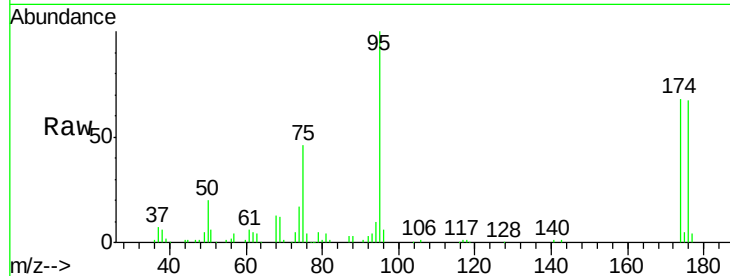
Tot Ion: 95 Resp: 155134

Ion Ratio Lower Upper

95 100

174 67.7 0.0 181.8

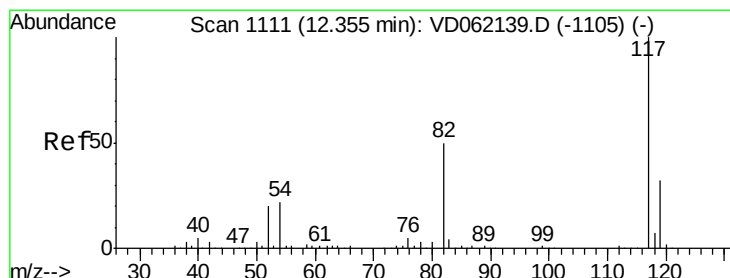
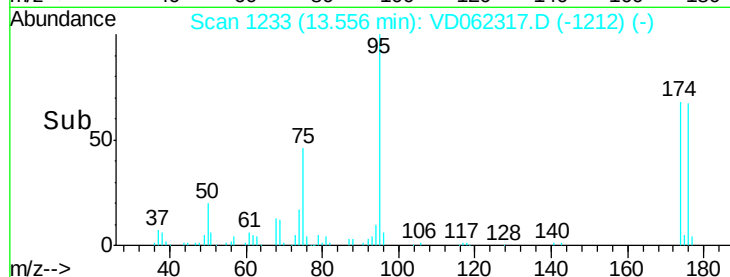
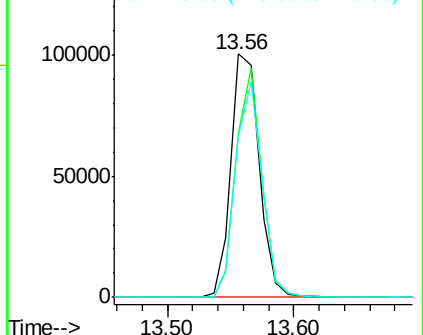
176 66.6 0.0 174.4



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: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD062317.D

Acq: 13 May 2019 20:58

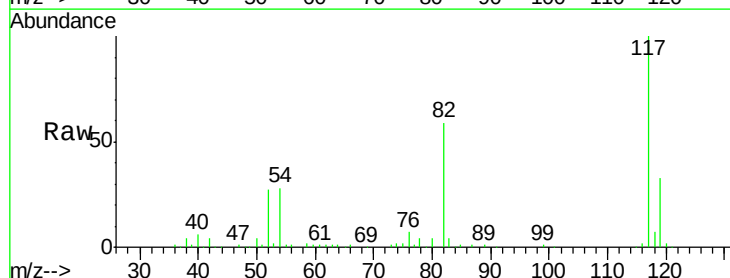
Tgt Ion: 117 Resp: 459400

Ion Ratio Lower Upper

117 100

82 59.1 36.2 54.2#

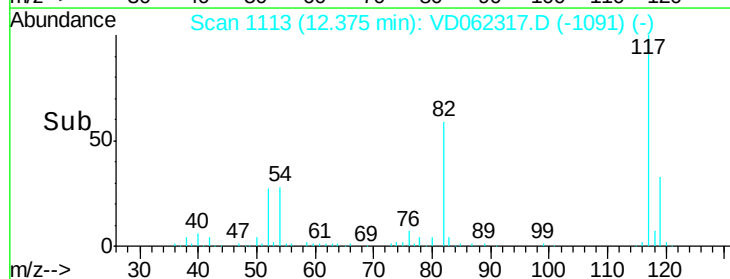
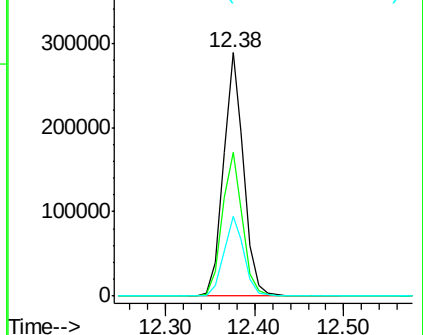
119 32.8 26.2 39.4

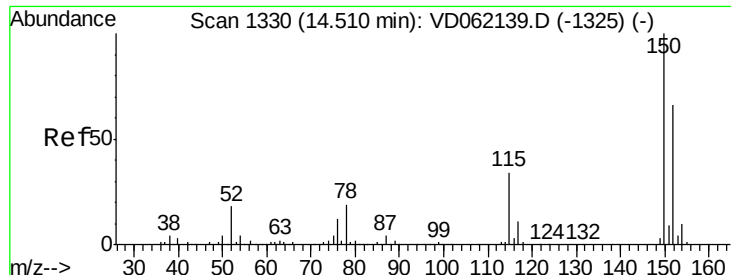


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD062317.D

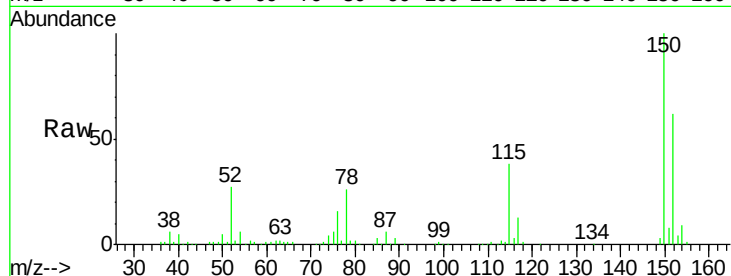
Acq: 13 May 2019 20:58

Instrument :

MSVOA_D

ClientSampleId :

P021-SS007-0206-01



Tot Ion:152 Resp: 180394

Ion Ratio Lower Upper

152 100

115 61.8 30.9 92.7

150 160.7 0.0 314.8

