

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062313.D
 Acq On : 13 May 2019 19:07
 Operator : FY/SY
 Sample : K2733-11RE
 Misc : 5.31g/5mL/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS002-0612-01RE

Quant Time: May 14 05:56:18 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

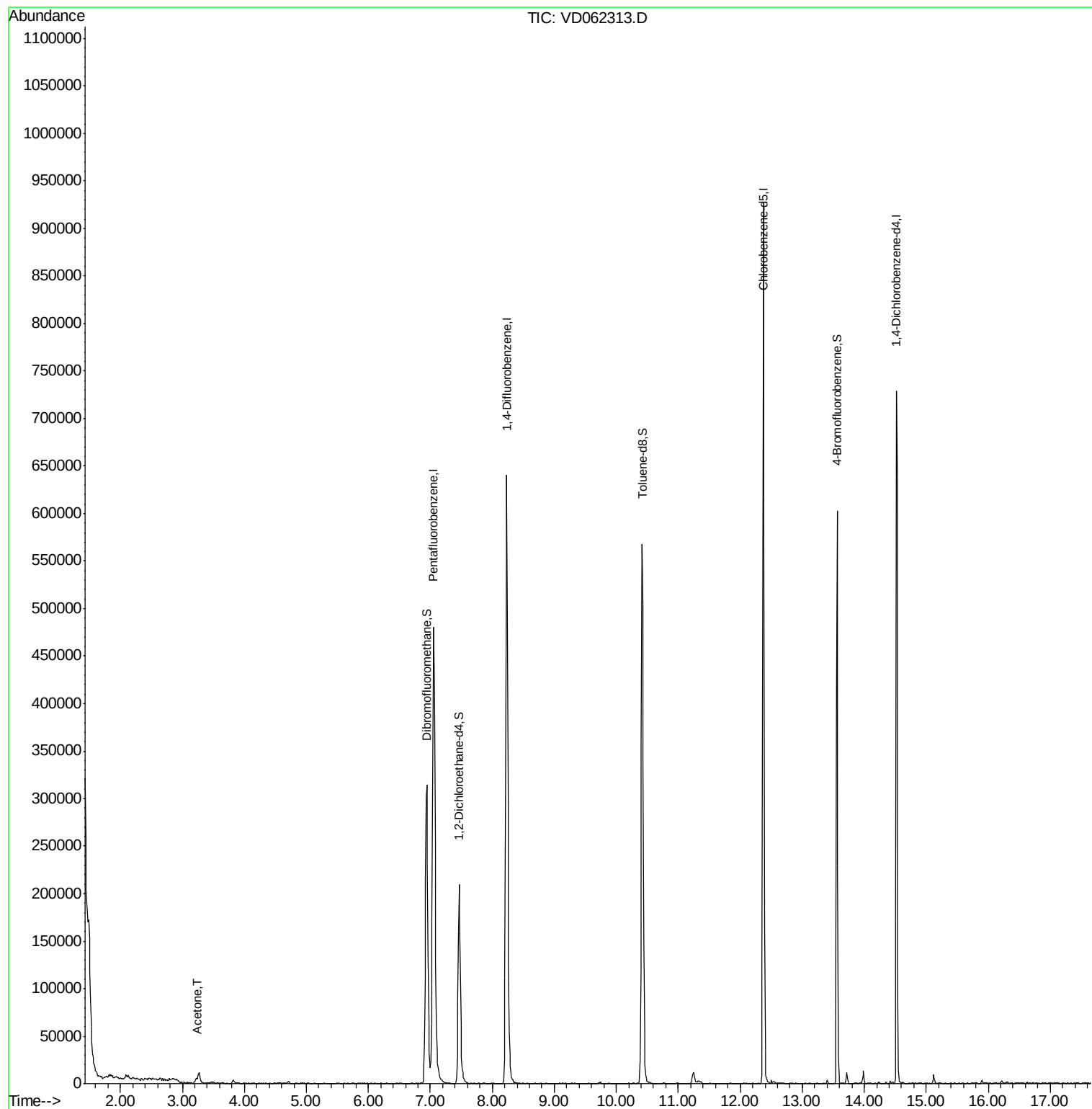
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	476435	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	661986	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	454077	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	169699	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	237348	53.61	ug/l	0.04
Spiked Amount 50.000			Recovery	=	107.22%	
35) Dibromofluoromethane	6.94	113	273643	49.82	ug/l	0.05
Spiked Amount 50.000			Recovery	=	99.64%	
50) Toluene-d8	10.42	98	466204	35.20	ug/l	0.02
Spiked Amount 50.000			Recovery	=	70.40%	
62) 4-Bromofluorobenzene	13.56	95	163498	30.74	ug/l	0.02
Spiked Amount 50.000			Recovery	=	61.48%	
Target Compounds						
16) Acetone	3.23	43	11371	12.247	ug/l #	Qvalue 81

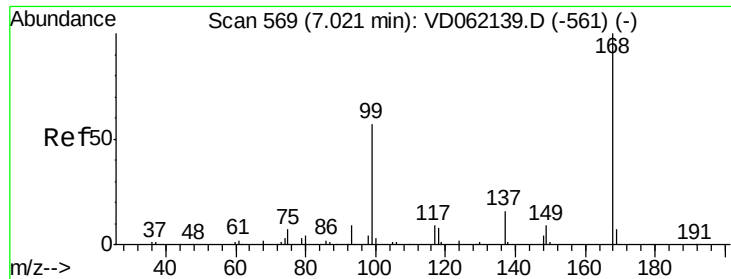
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VD062313.D

Acq: 13 May 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

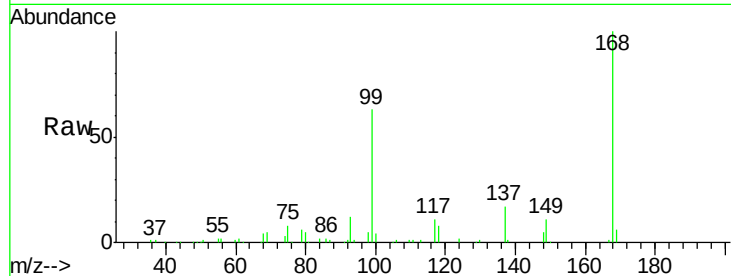
P021-SS002-0612-01RE

Tot Ion:168 Resp: 476435

Ion Ratio Lower Upper

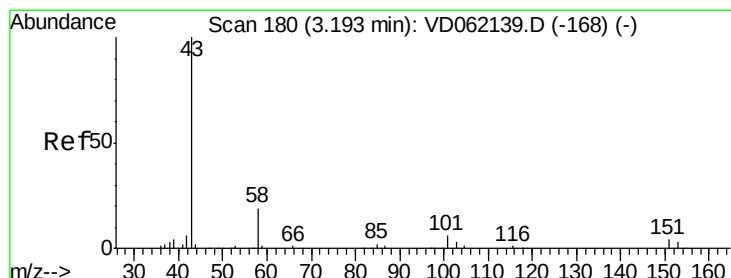
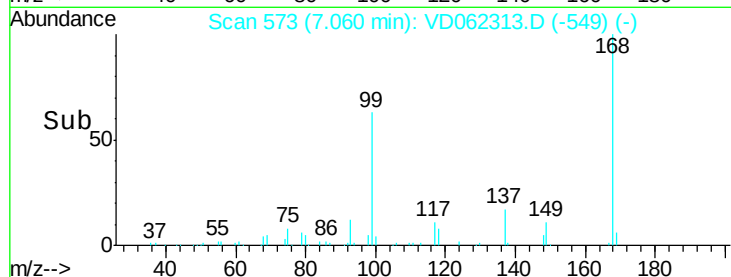
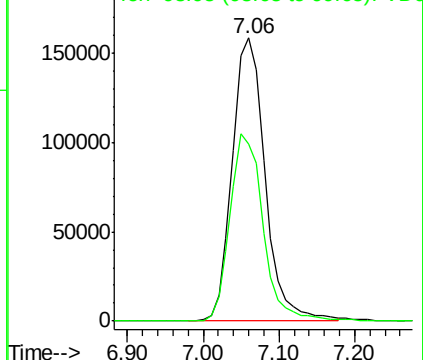
168 100

99 62.5 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: 12.247 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062313.D

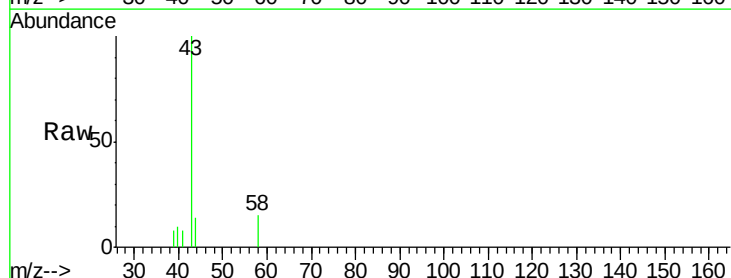
Acq: 13 May 2019 19:07

Tgt Ion: 43 Resp: 11371

Ion Ratio Lower Upper

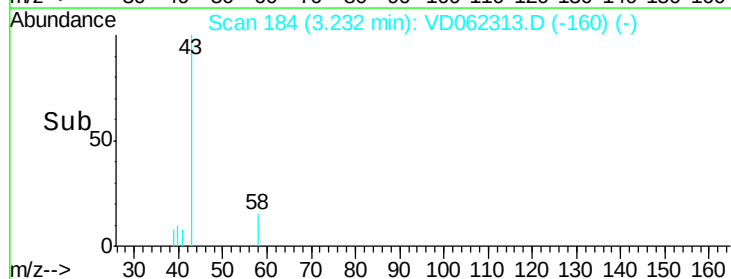
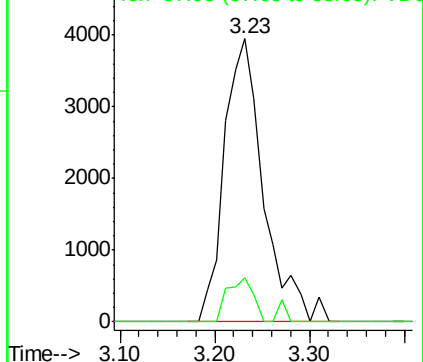
43 100

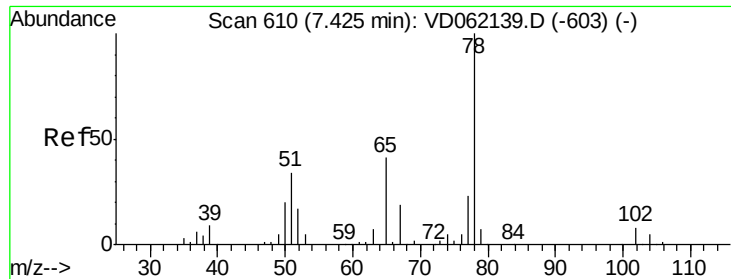
58 15.4 19.9 29.9#



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: 53.607 ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062313.D

Acq: 13 May 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

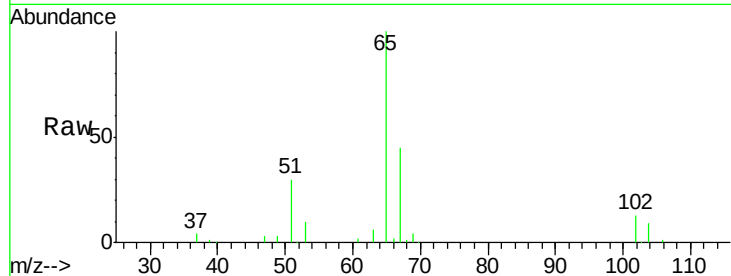
P021-SS002-0612-01RE

Tot Ion: 65 Resp: 237348

Ion Ratio Lower Upper

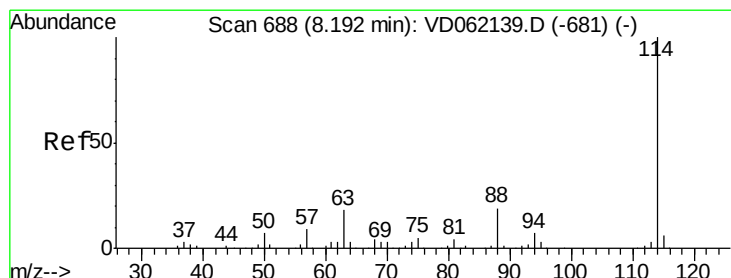
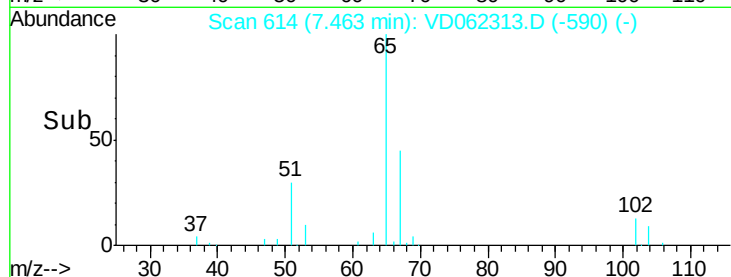
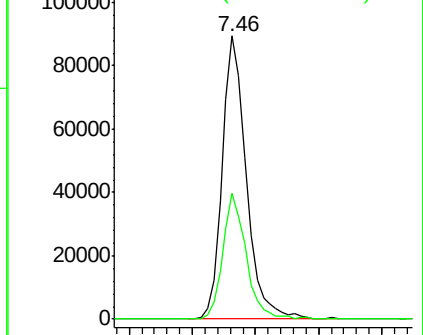
65 100

67 44.6 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: 8.23 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD062313.D

Acq: 13 May 2019 19:07

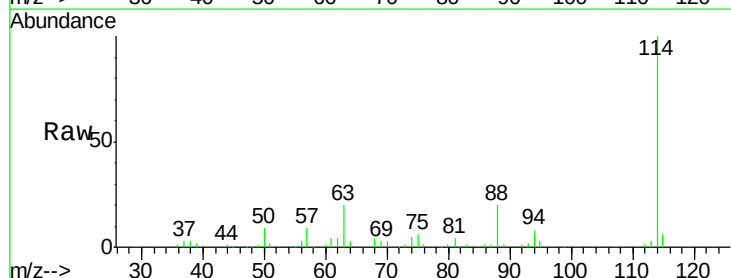
Tgt Ion: 114 Resp: 661986

Ion Ratio Lower Upper

114 100

63 19.8 0.0 32.4

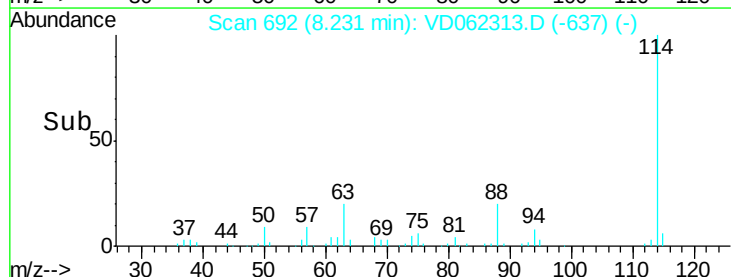
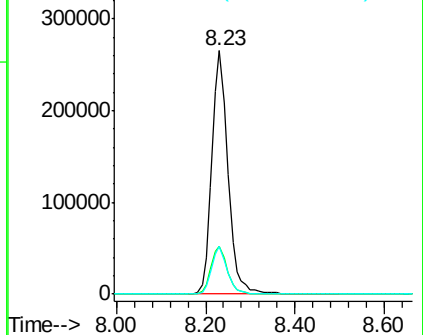
88 19.6 0.0 33.6

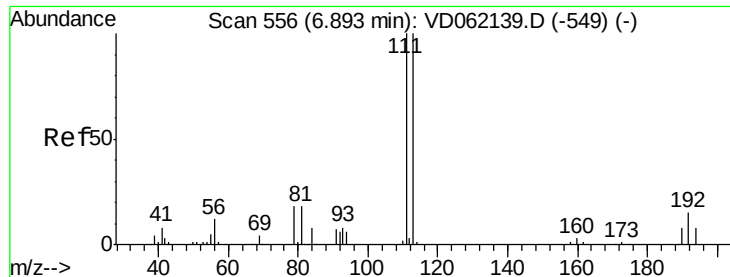


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 49.821 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062313.D

Acq: 13 May 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

P021-SS002-0612-01RE

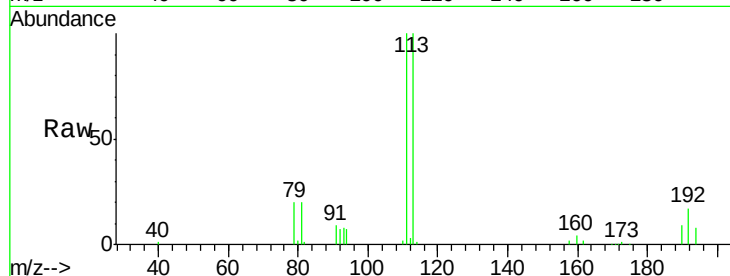
Tot Ion:113 Resp: 273643

Ion Ratio Lower Upper

113 100

111 100.1 78.5 117.7

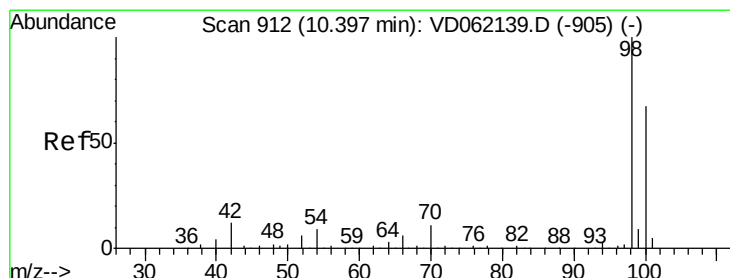
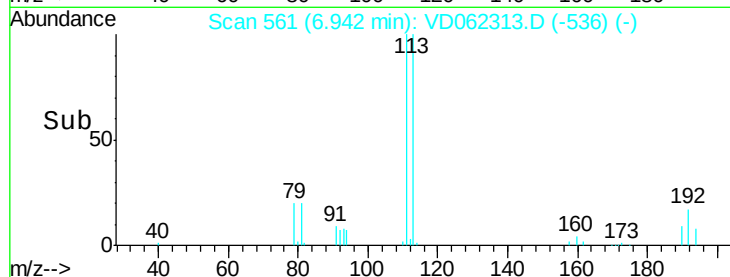
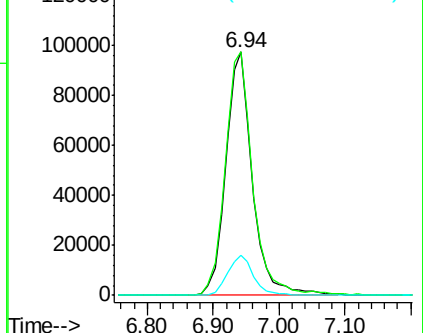
192 16.6 13.0 19.4



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: 35.204 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062313.D

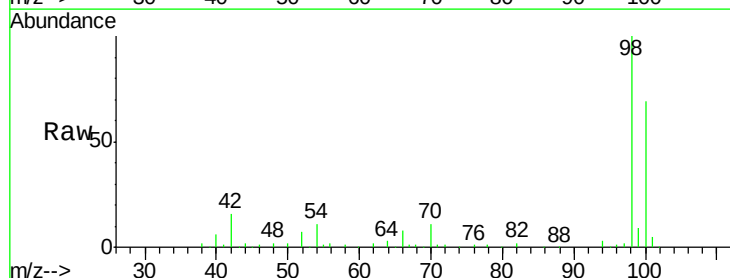
Acq: 13 May 2019 19:07

Tgt Ion: 98 Resp: 466204

Ion Ratio Lower Upper

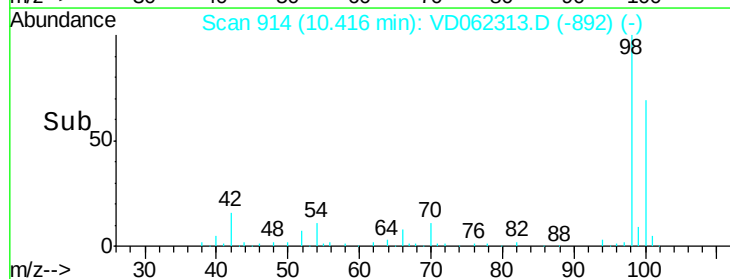
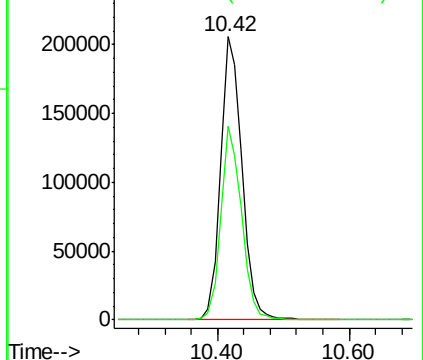
98 100

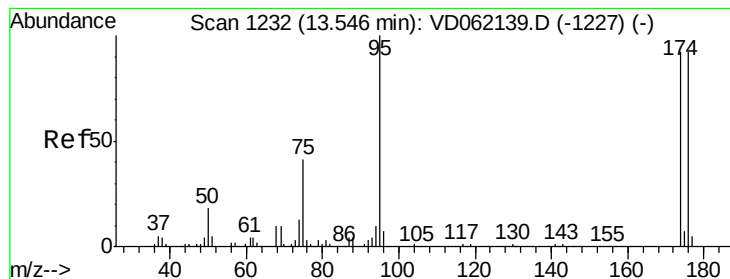
100 68.5 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 30.745 ug/l

RT: 13.56 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062313.D

Acq: 13 May 2019 19:07

Instrument :

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ClientSampleId :

P021-SS002-0612-01RE

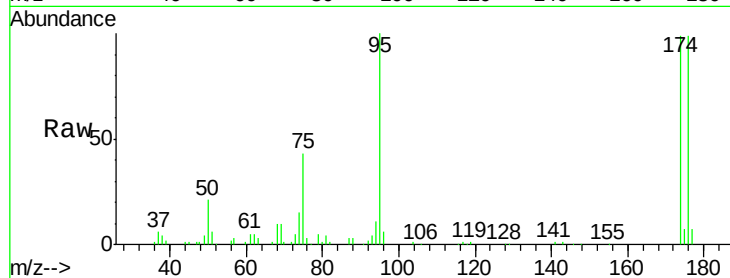
Tot Ion: 95 Resp: 163498

Ion Ratio Lower Upper

95 100

174 99.4 0.0 181.8

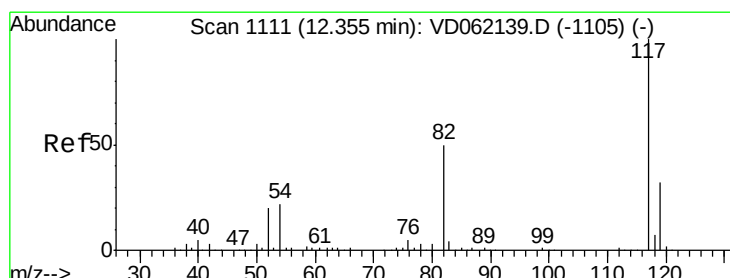
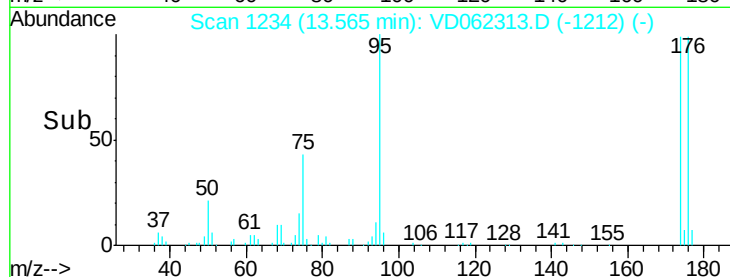
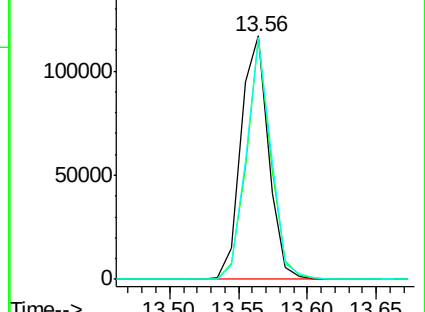
176 99.1 0.0 174.4



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: 12.37 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD062313.D

Acq: 13 May 2019 19:07

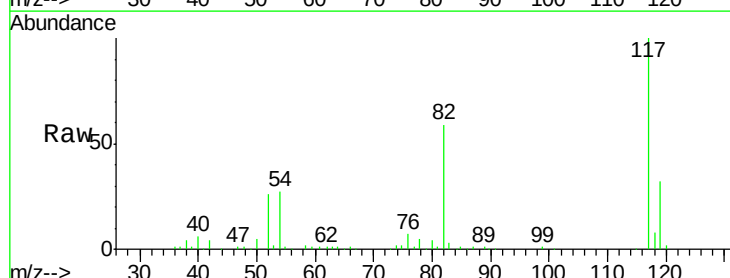
Tgt Ion: 117 Resp: 454077

Ion Ratio Lower Upper

117 100

82 59.2 36.2 54.2#

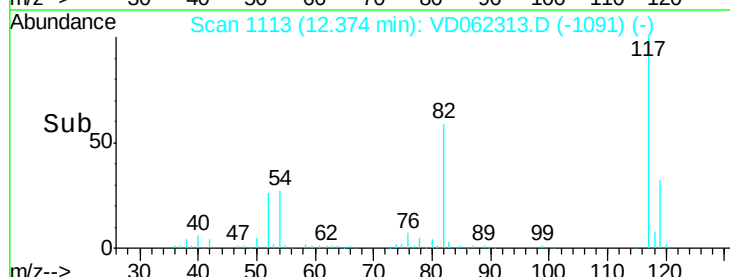
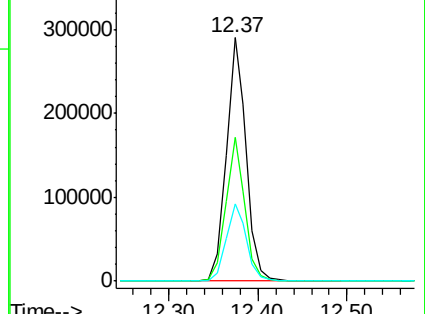
119 31.6 26.2 39.4

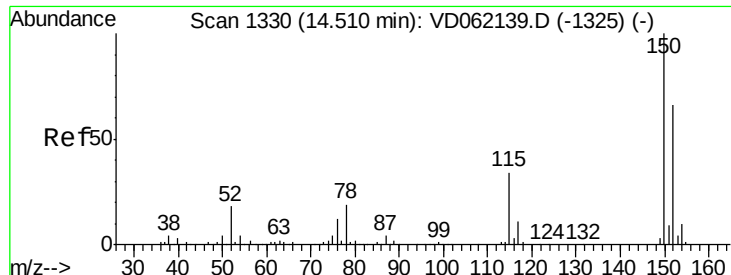


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.53 min Scan# 1332

Delta R.T. 0.02 min

Lab File: VD062313.D

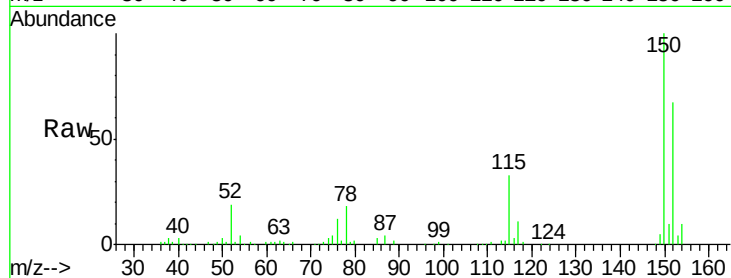
Acq: 13 May 2019 19:07

Instrument :

MSVOA_D

ClientSampleId :

P021-SS002-0612-01RE



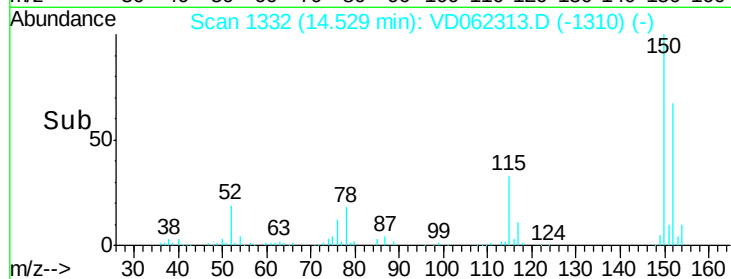
Tot Ion:152 Resp: 169699

Ion Ratio Lower Upper

152 100

115 50.1 30.9 92.7

150 150.3 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

