

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062284.D
 Acq On : 13 May 2019 4:13
 Operator : FY/SY
 Sample : K2719-13RE
 Misc : 5.18g/5mL/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS010-0002-01RE

Quant Time: May 13 08:52:44 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

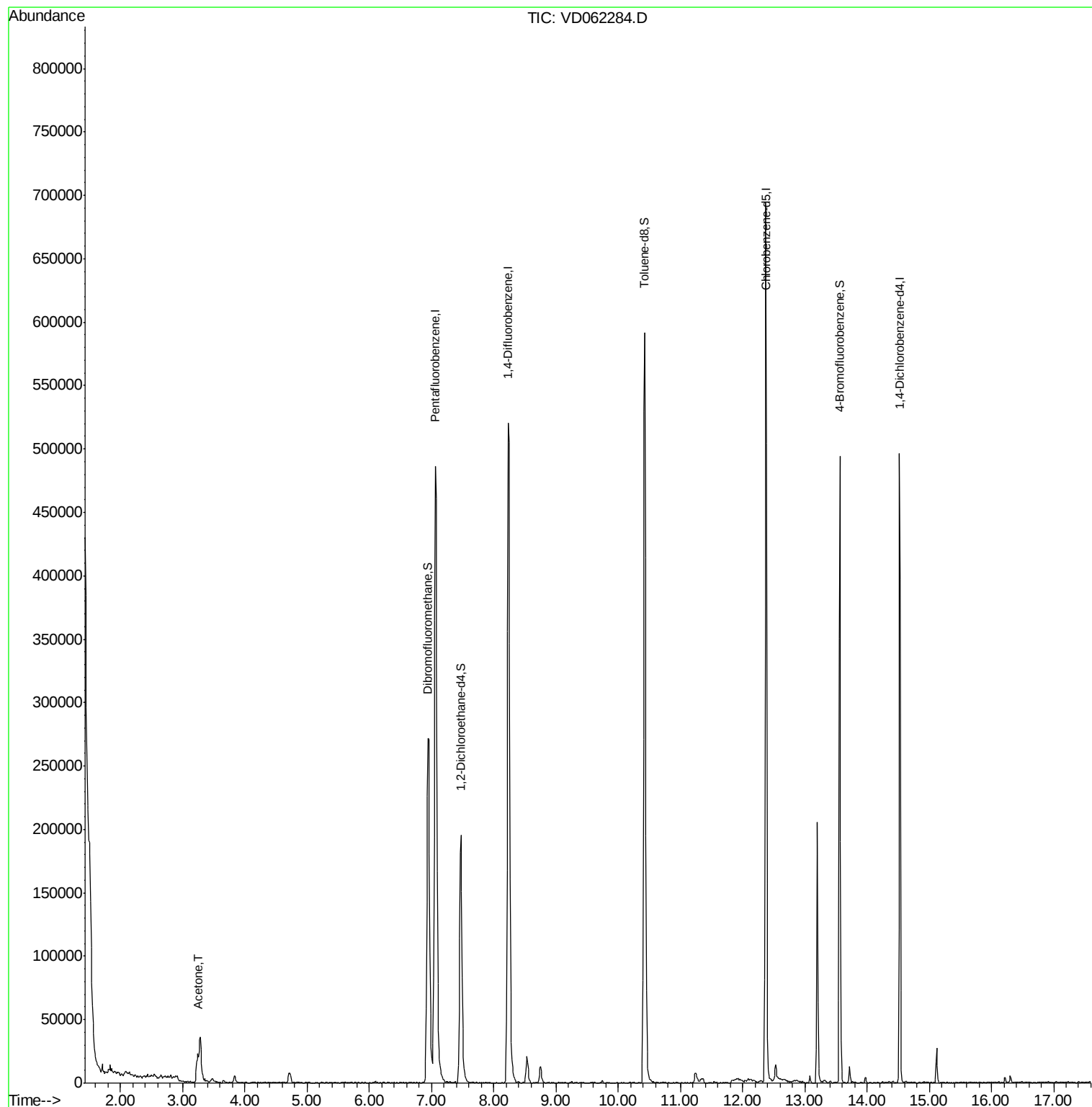
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	448807	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.23	114	564082	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	354323	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	106997	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	231636	55.54	ug/l	0.05
Spiked Amount 50.000			Recovery	=	111.08%	
35) Dibromofluoromethane	6.94	113	255271	54.54	ug/l	0.05
Spiked Amount 50.000			Recovery	=	109.08%	
50) Toluene-d8	10.43	98	483307	42.83	ug/l	0.03
Spiked Amount 50.000			Recovery	=	85.66%	
62) 4-Bromofluorobenzene	13.57	95	138732	30.62	ug/l	0.02
Spiked Amount 50.000			Recovery	=	61.24%	
Target Compounds						
16) Acetone	3.24	43	42967	49.124	ug/l #	Qvalue 89

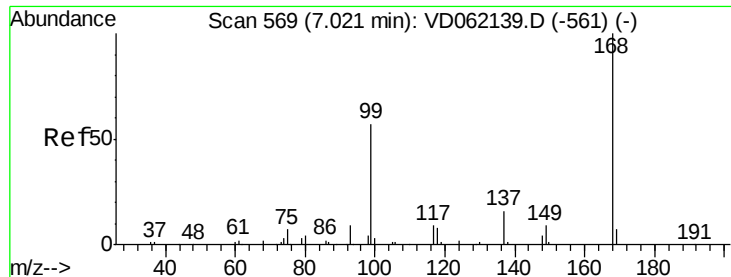
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062284.D

Acq: 13 May 2019 4:13

Instrument :

MSVOA_D

ClientSampleId :

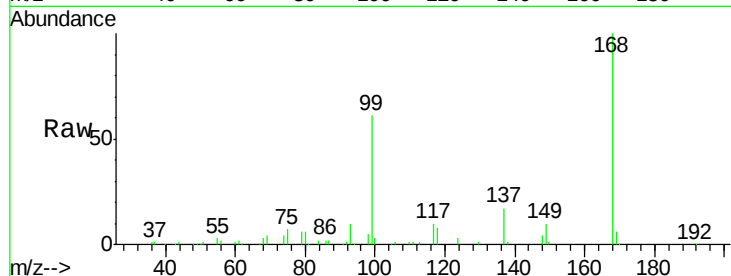
P026-SS010-0002-01RE

Tot Ion:168 Resp: 448807

Ion Ratio Lower Upper

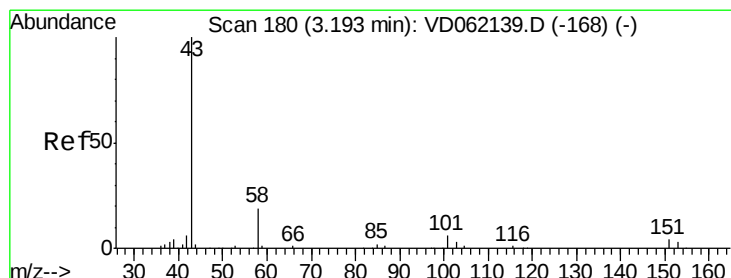
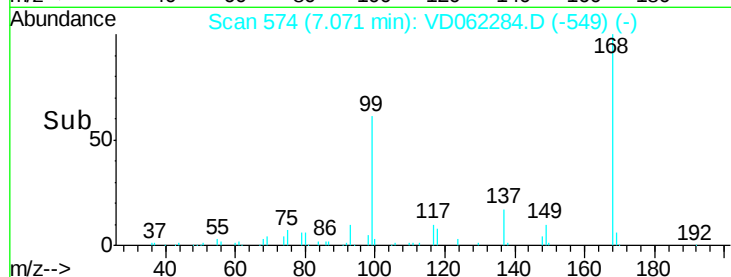
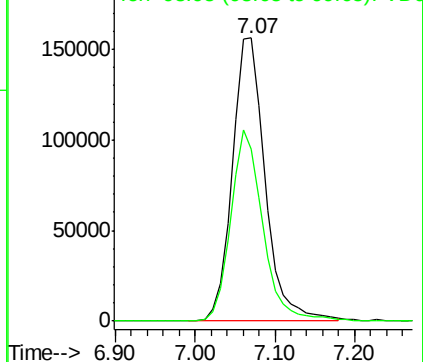
168 100

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



#16

Acetone

Concen: 49.124 ug/l

RT: 3.24 min Scan# 185

Delta R.T. 0.05 min

Lab File: VD062284.D

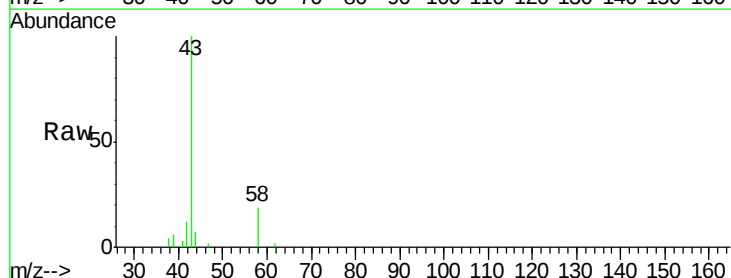
Acq: 13 May 2019 4:13

Tgt Ion: 43 Resp: 42967

Ion Ratio Lower Upper

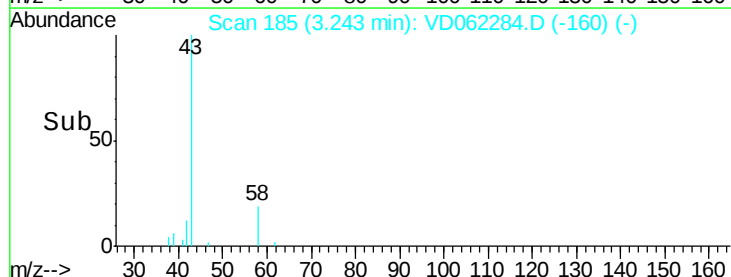
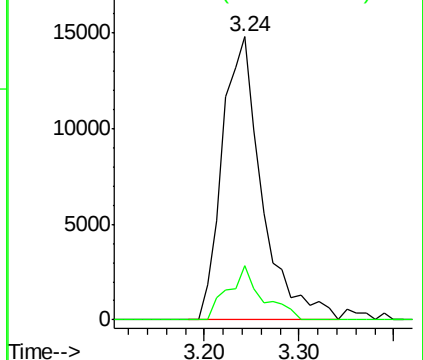
43 100

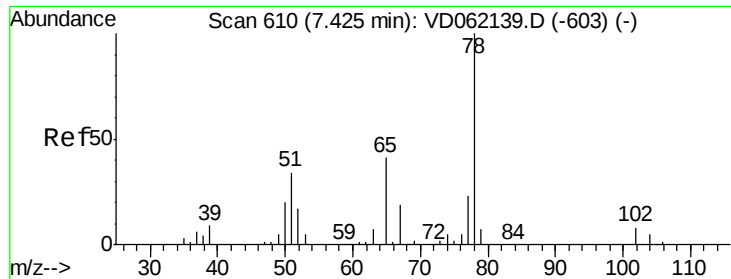
58 19.4 19.9 29.9#



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: 55.537 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD062284.D

Acq: 13 May 2019 4:13

Instrument :

MSVOA_D

ClientSampleId :

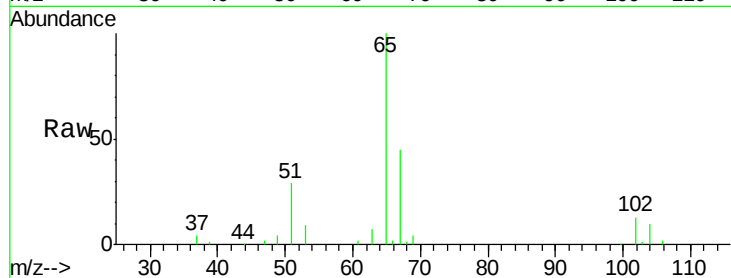
P026-SS010-0002-01RE

Tot Ion: 65 Resp: 231636

Ion Ratio Lower Upper

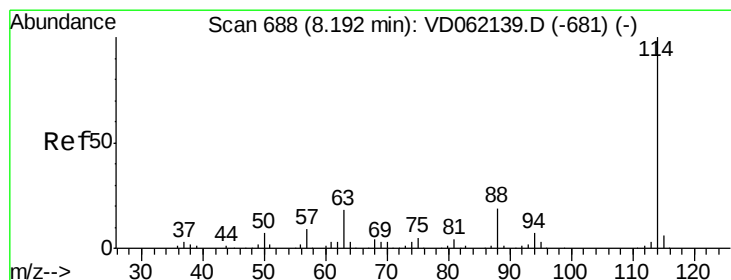
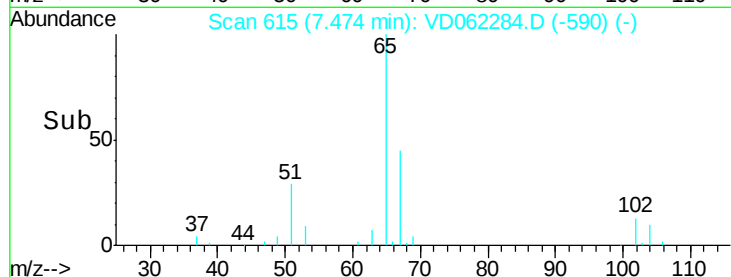
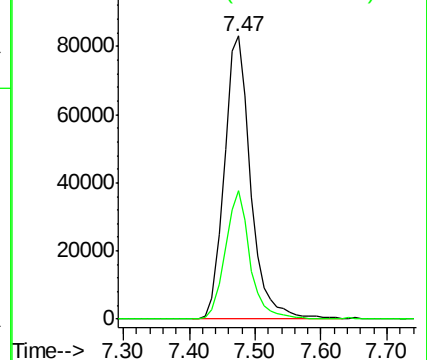
65 100

67 45.3 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: VD062284.D

Acq: 13 May 2019 4:13

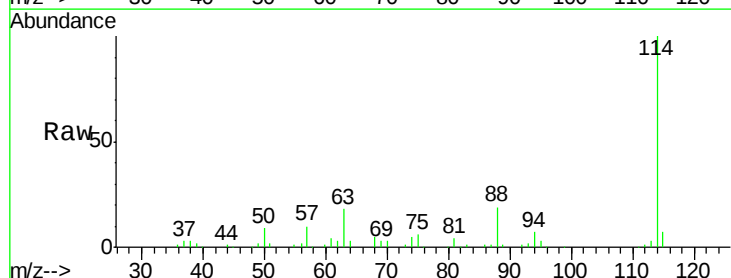
Tgt Ion: 114 Resp: 564082

Ion Ratio Lower Upper

114 100

63 18.4 0.0 32.4

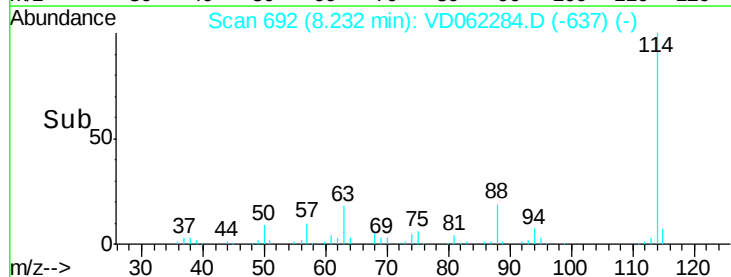
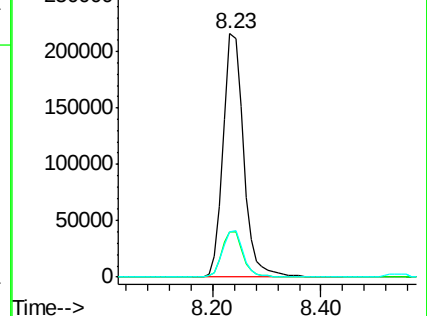
88 18.6 0.0 33.6

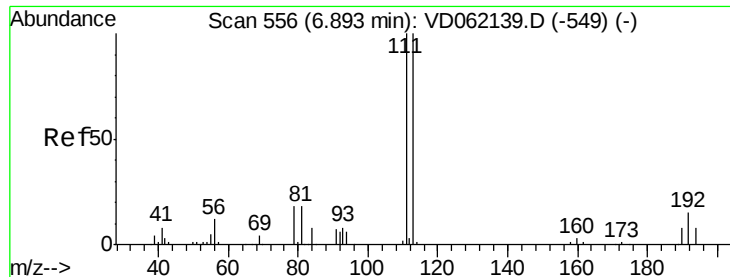


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 54.542 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.05 min

Lab File: VD062284.D

Acq: 13 May 2019 4:13

Instrument :

MSVOA_D

ClientSampleId :

P026-SS010-0002-01RE

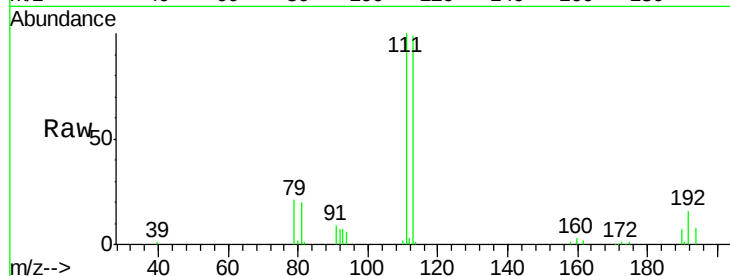
Tot Ion:113 Resp: 255271

Ion Ratio Lower Upper

113 100

111 101.4 78.5 117.7

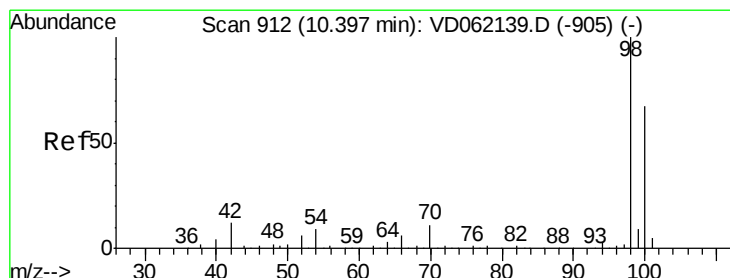
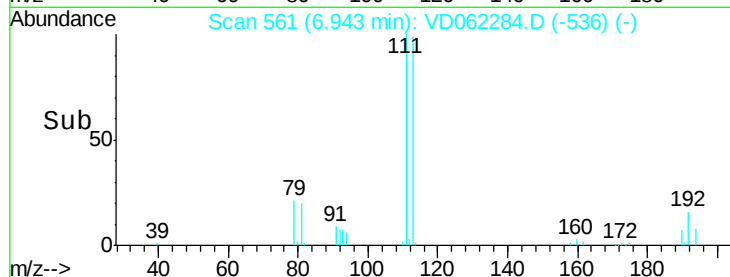
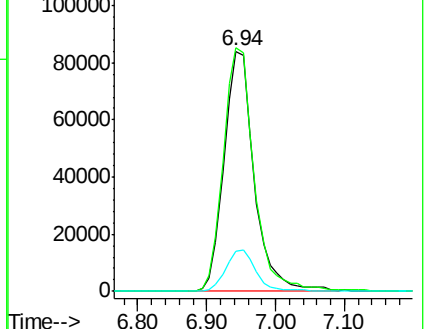
192 16.5 13.0 19.4



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: 42.830 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD062284.D

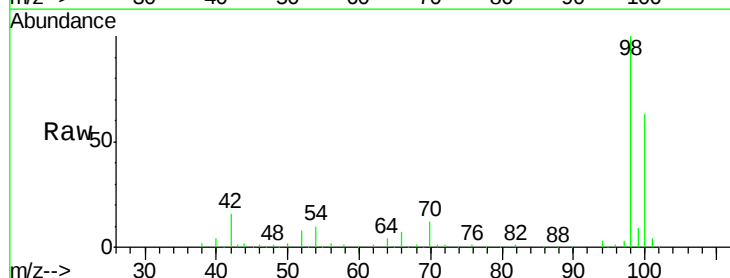
Acq: 13 May 2019 4:13

Tgt Ion: 98 Resp: 483307

Ion Ratio Lower Upper

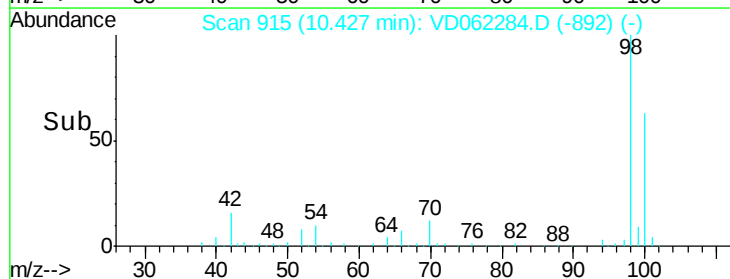
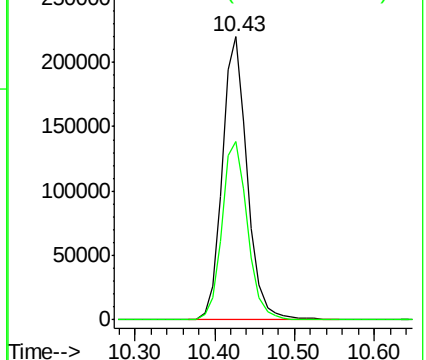
98 100

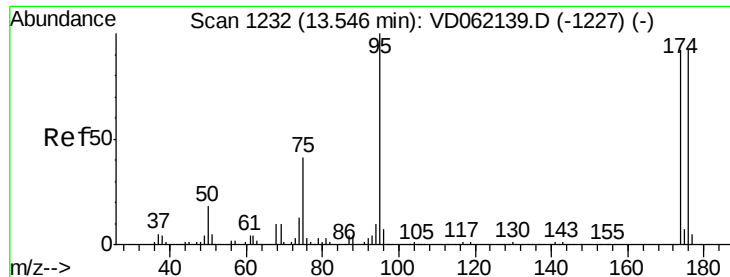
100 63.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 30.616 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062284.D

Acq: 13 May 2019 4:13

Instrument :

MSVOA_D

ClientSampleId :

P026-SS010-0002-01RE

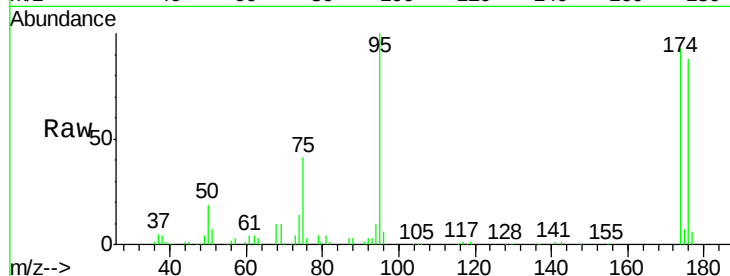
Tot Ion: 95 Resp: 138732

Ion Ratio Lower Upper

95 100

174 93.1 0.0 181.8

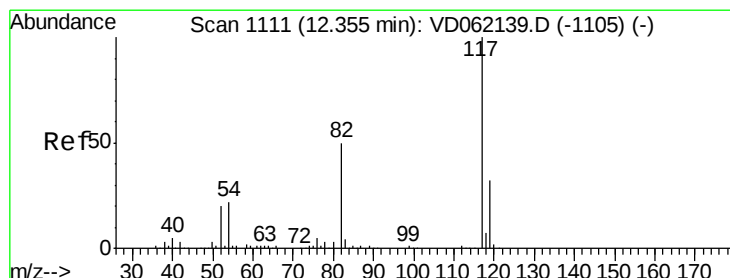
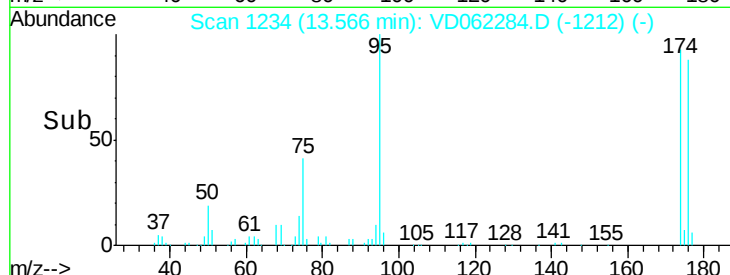
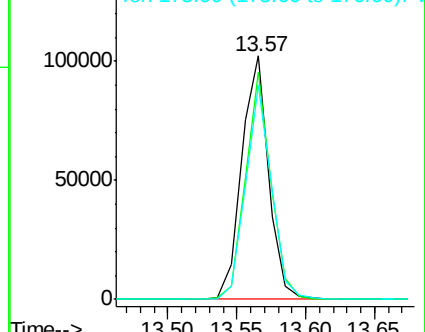
176 87.7 0.0 174.4



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: VD062284.D

Acq: 13 May 2019 4:13

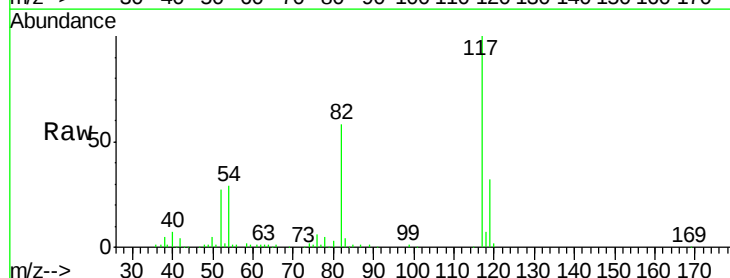
Tgt Ion: 117 Resp: 354323

Ion Ratio Lower Upper

117 100

82 58.4 36.2 54.2#

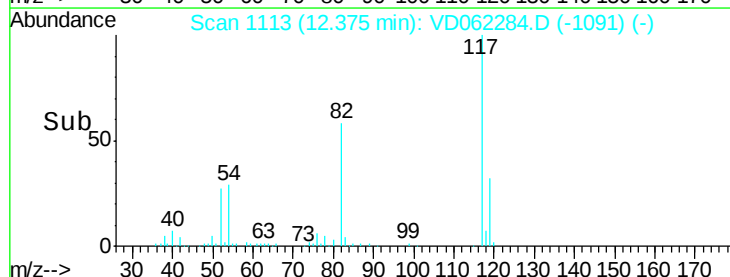
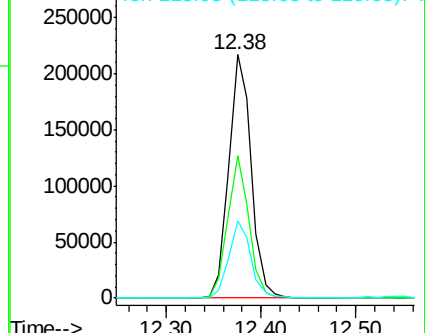
119 31.8 26.2 39.4

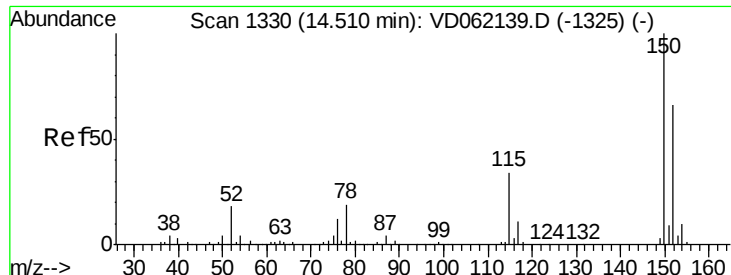


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.53 min Scan# 1332

Delta R.T. 0.02 min

Lab File: VD062284.D

Acq: 13 May 2019 4:13

Instrument :

MSVOA_D

ClientSampleId :

P026-SS010-0002-01RE

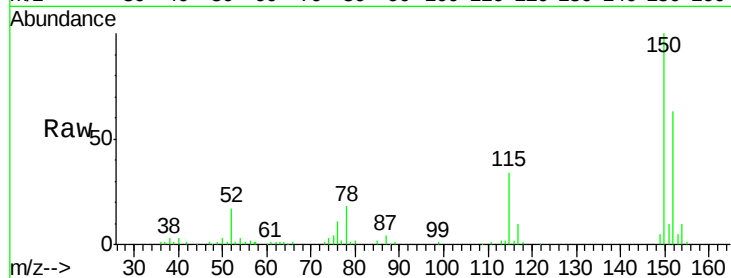
Tot Ion:152 Resp: 106997

Ion Ratio Lower Upper

152 100

115 53.3 30.9 92.7

150 157.7 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

