

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052319\
 Data File : VD062517.D
 Acq On : 23 May 2019 12:51
 Operator : VA/AP
 Sample : VD0523SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0523SBL01

Quant Time: May 24 01:38:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	603428	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	844023	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	667846	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	371004	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	297189	46.01	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	92.02%	
35) Dibromofluoromethane	6.91	113	362405	47.60	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	10.40	98	794561	47.69	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	95.38%	
62) 4-Bromofluorobenzene	13.55	95	337190	46.26	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	92.52%	

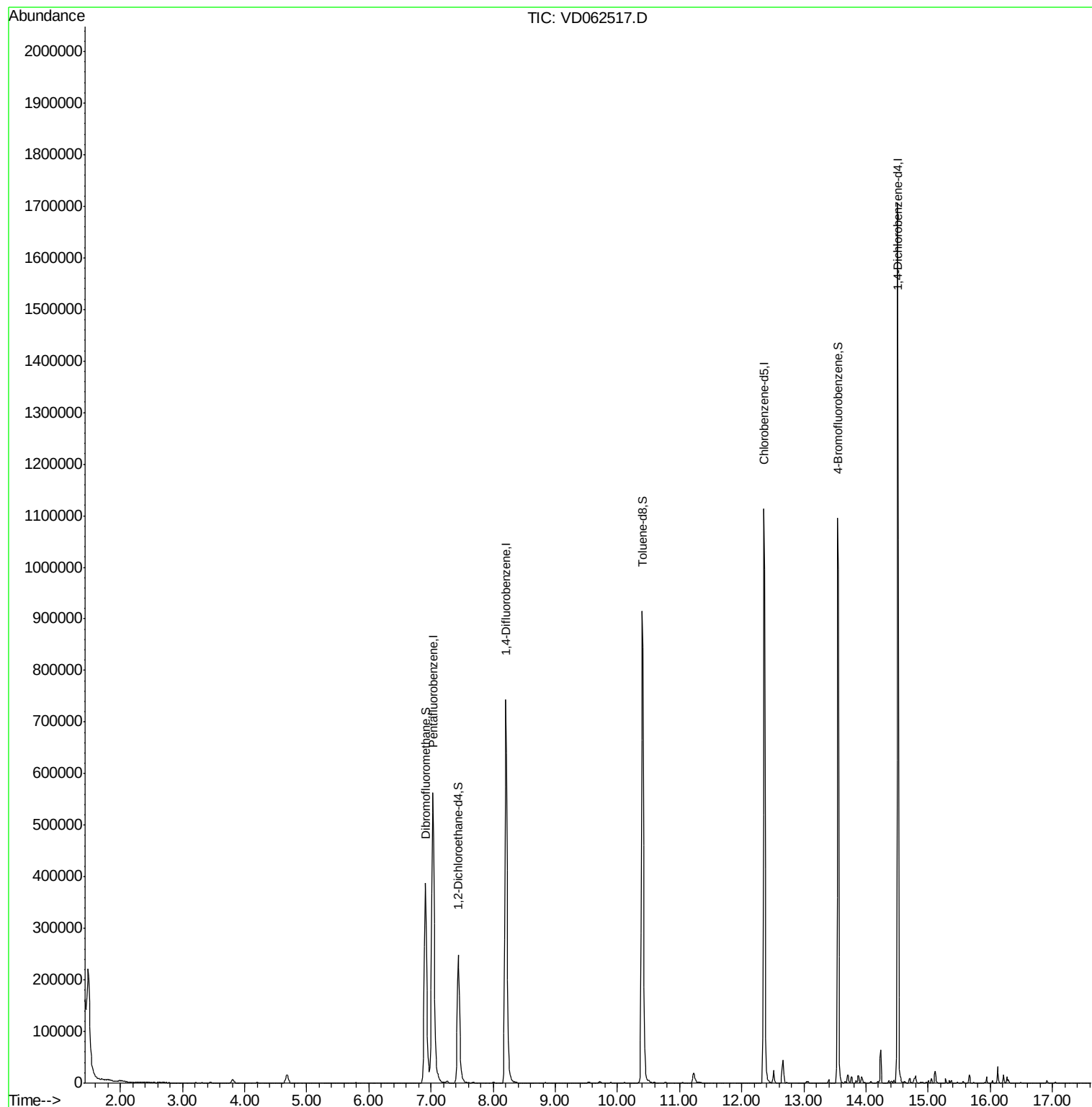
Target Compounds	Qvalue

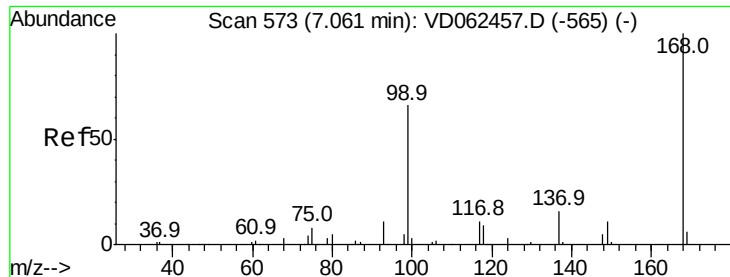
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052319\
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Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD062517.D

Acq: 23 May 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

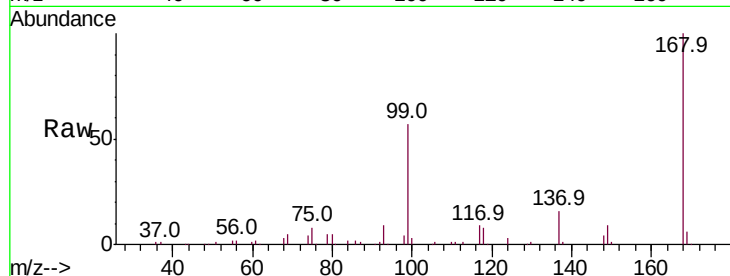
VD0523SBL01

Tot Ion:168 Resp: 603428

Ion Ratio Lower Upper

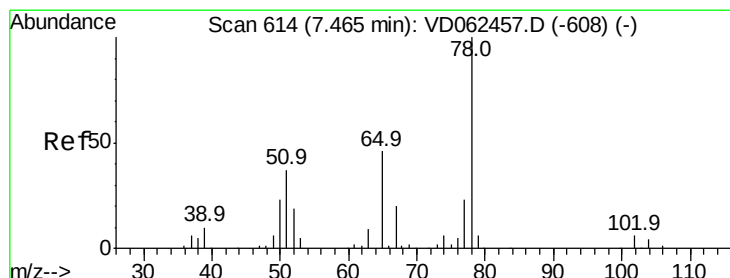
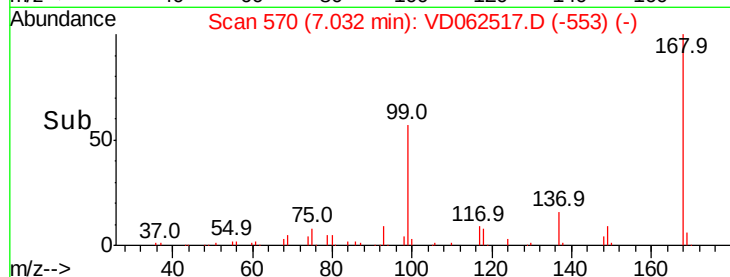
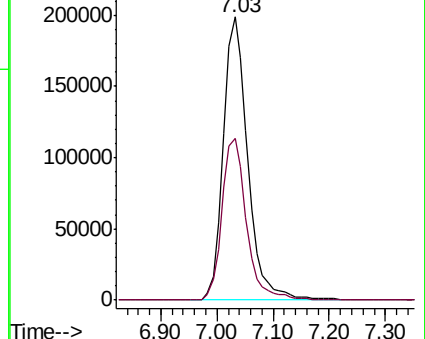
168 100

99 57.3 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 46.009 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD062517.D

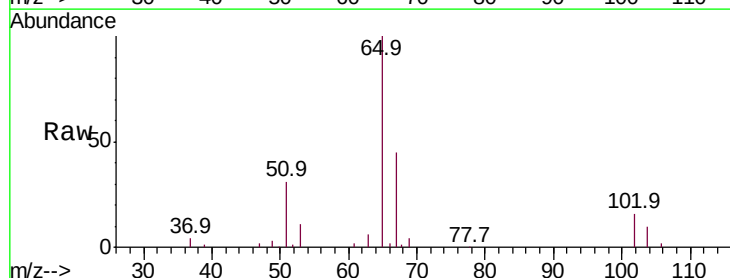
Acq: 23 May 2019 12:51

Tgt Ion: 65 Resp: 297189

Ion Ratio Lower Upper

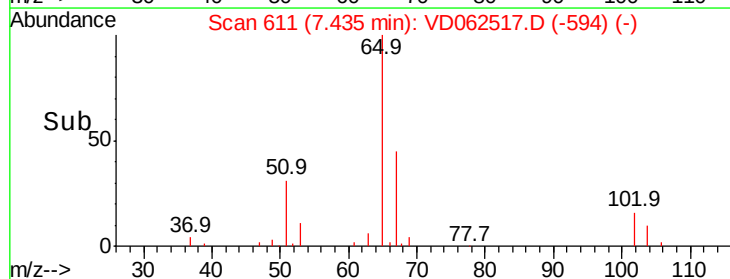
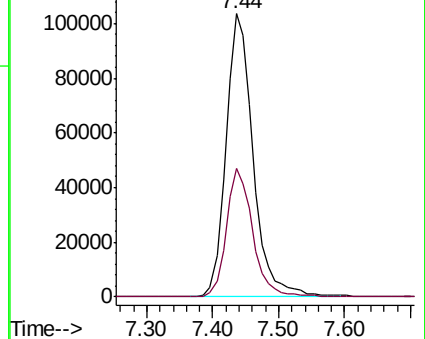
65 100

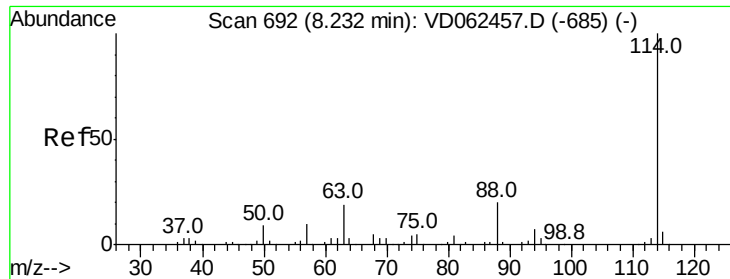
67 45.4 0.0 98.0



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. -0.03 min

Lab File: VD062517.D

Acq: 23 May 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0523SBL01

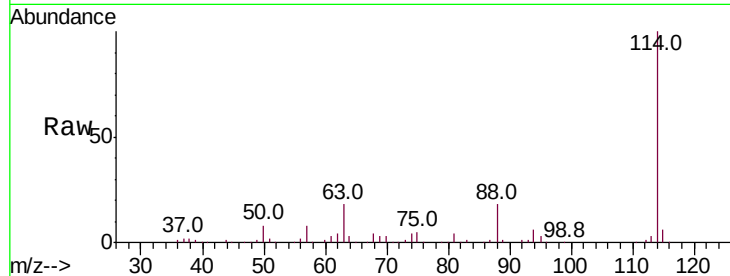
Tot Ion:114 Resp: 844023

Ion Ratio Lower Upper

114 100

63 18.1 0.0 32.4

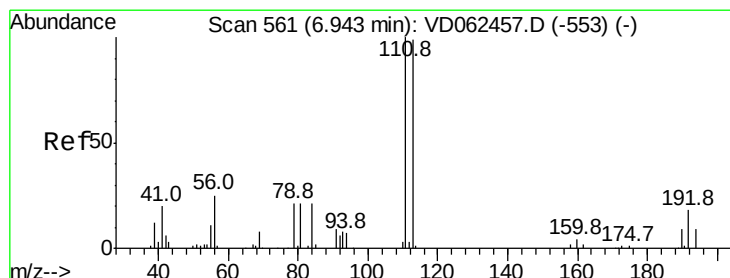
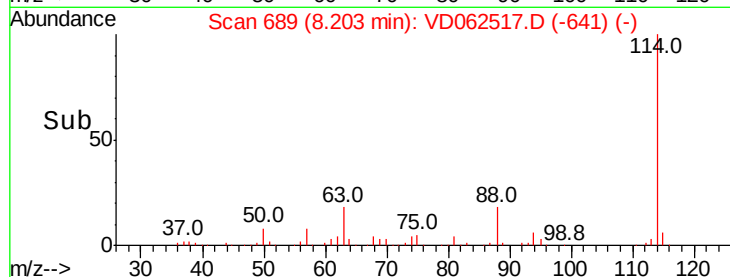
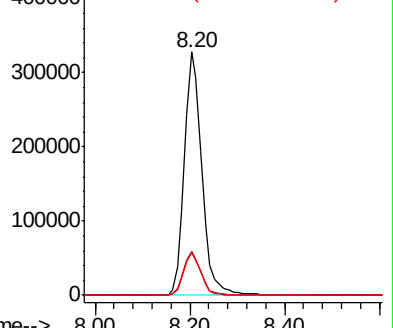
88 17.7 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 47.596 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.03 min

Lab File: VD062517.D

Acq: 23 May 2019 12:51

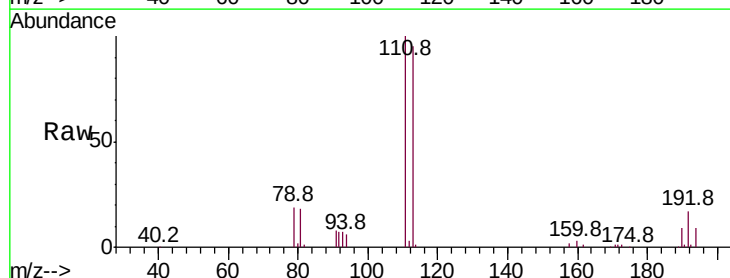
Tgt Ion:113 Resp: 362405

Ion Ratio Lower Upper

113 100

111 105.0 78.5 117.7

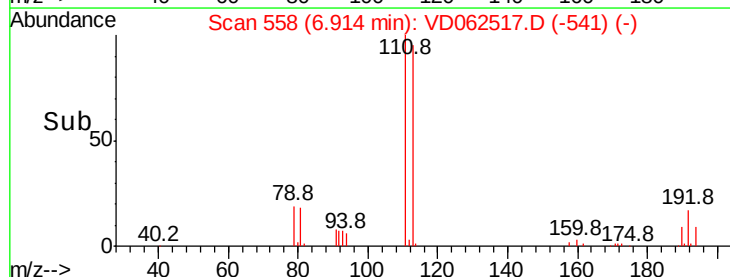
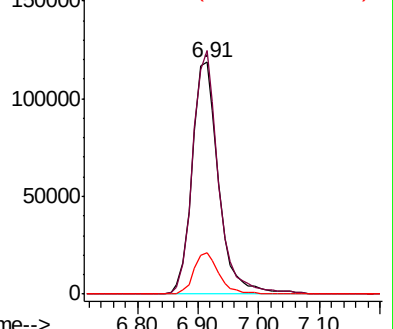
192 17.9 13.0 19.4

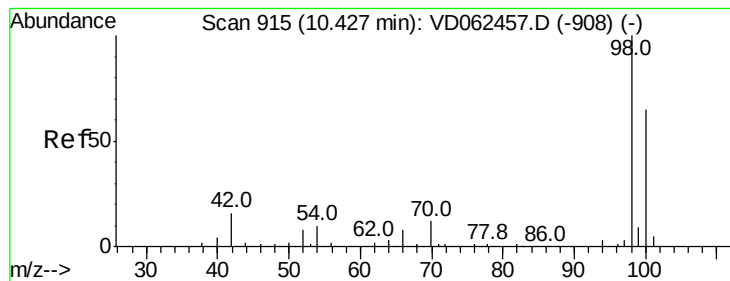


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 47.685 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.03 min

Lab File: VD062517.D

Acq: 23 May 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

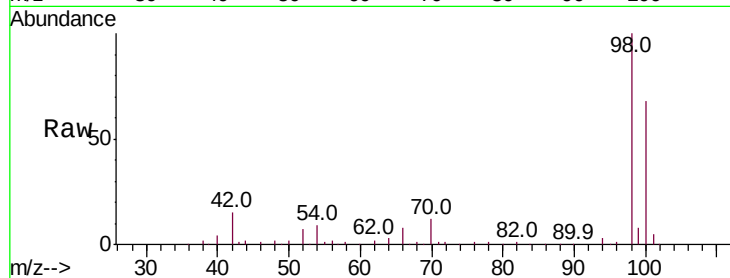
VD0523SBL01

Tot Ion: 98 Resp: 794561

Ion Ratio Lower Upper

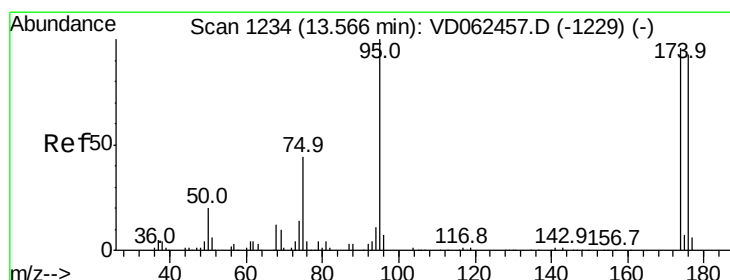
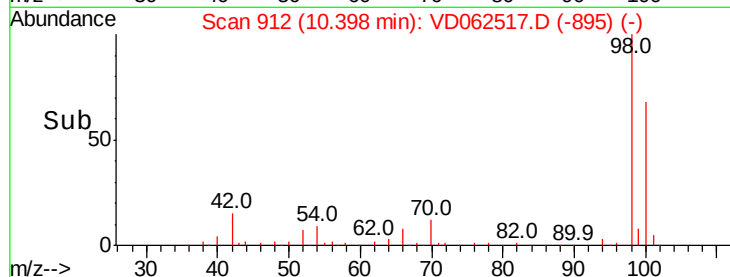
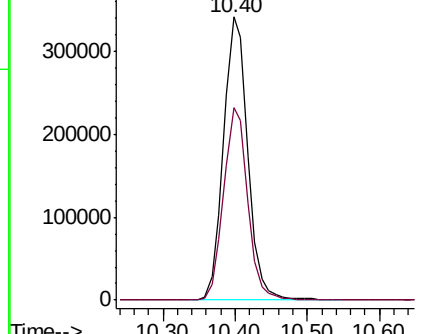
98 100

100 68.1 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062457.D (-908) (-)

Ion 100.05 (99.75 to 100.75): VD062457.D (-908) (-)



#62

4-Bromofluorobenzene

Concen: 46.261 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.02 min

Lab File: VD062517.D

Acq: 23 May 2019 12:51

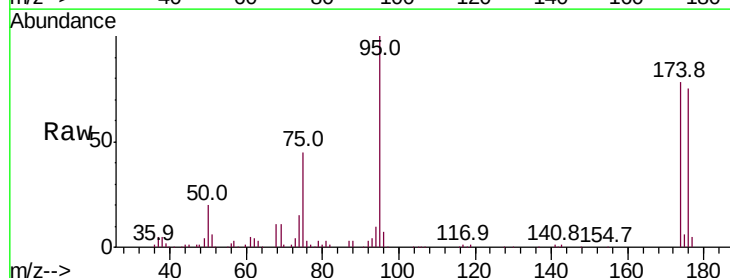
Tgt Ion: 95 Resp: 337190

Ion Ratio Lower Upper

95 100

174 77.9 0.0 181.8

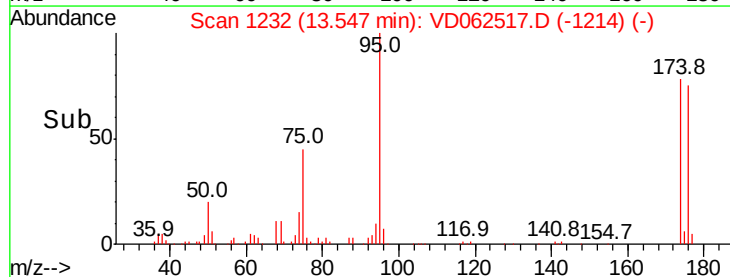
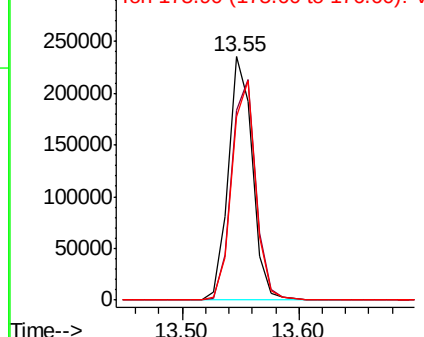
176 75.4 0.0 174.4

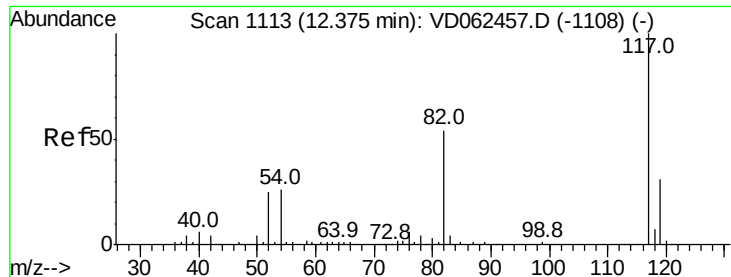


Abundance Ion 95.00 (94.70 to 95.70): VD062457.D (-1229) (-)

Ion 173.90 (173.60 to 174.60): VD062457.D (-1229) (-)

Ion 175.90 (175.60 to 176.60): VD062457.D (-1229) (-)

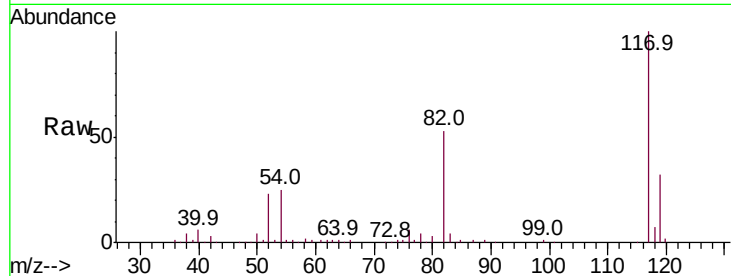




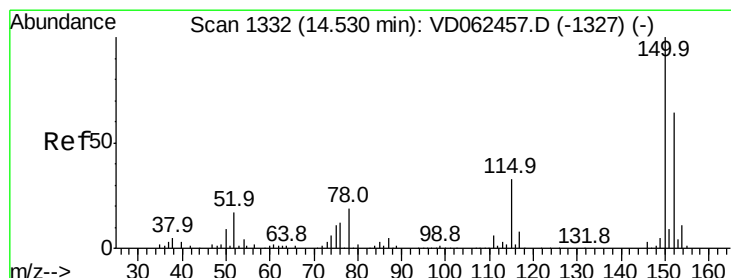
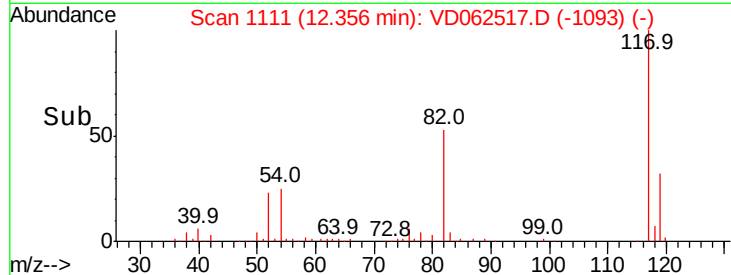
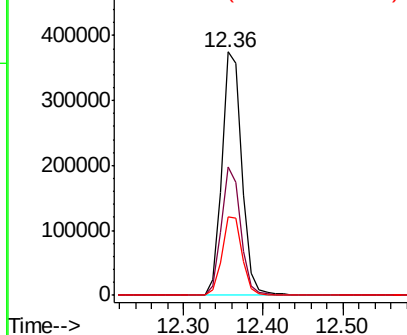
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.02 min
 Lab File: VD062517.D
 Acq: 23 May 2019 12:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0523SBL01

Tot Ion:117 Resp: 667846
 Ion Ratio Lower Upper
 117 100
 82 52.8 36.2 54.2
 119 32.1 26.2 39.4

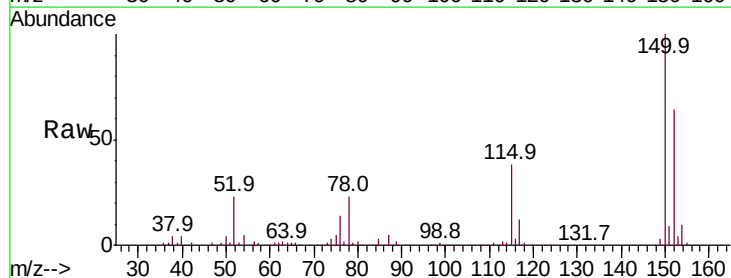


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: VD062517.D
 Acq: 23 May 2019 12:51

Tgt Ion:152 Resp: 371004
 Ion Ratio Lower Upper
 152 100
 115 59.5 30.9 92.7
 150 156.8 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

