

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061019\
 Data File : VD062660.D
 Acq On : 10 Jun 2019 18:16
 Operator : VA/AP
 Sample : K3274-04
 Misc : 5.18g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12 1.0-1.5 060719

Quant Time: Jun 11 08:19:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

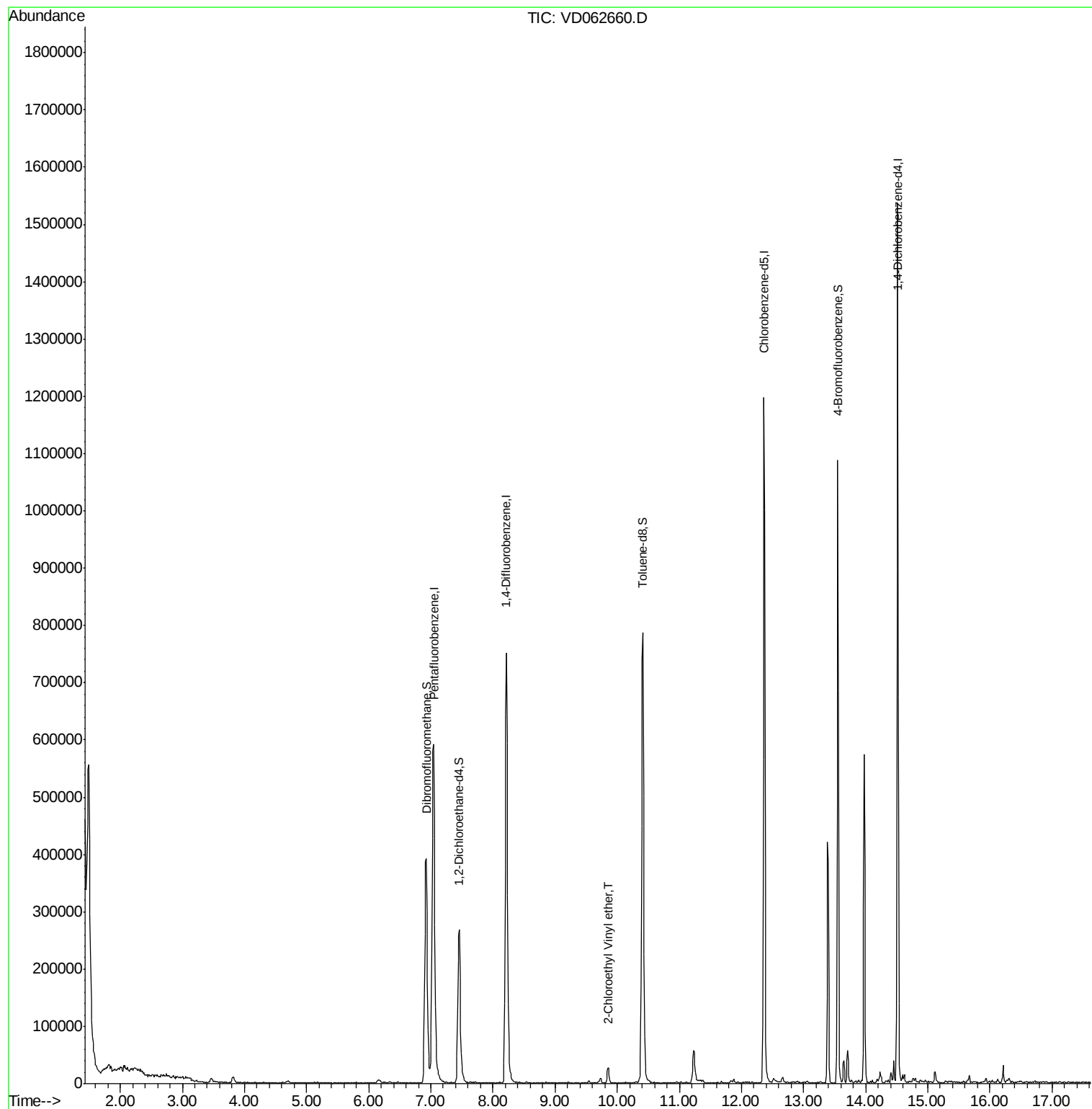
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	584961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	787246	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	629970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	312935	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	321859	38.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.26%	
35) Dibromofluoromethane	6.93	113	348206	41.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.88%	
50) Toluene-d8	10.41	98	637896	36.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.04%	
62) 4-Bromofluorobenzene	13.55	95	288801	35.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.88%	
Target Compounds						
58) 2-Chloroethyl Vinyl ether	9.85	63	13364	6.164	ug/l	Qvalue 90

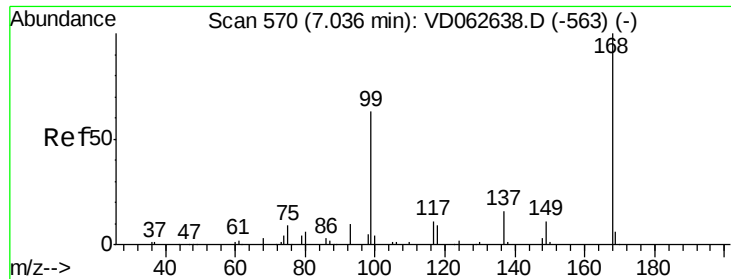
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD062660.D

Acq: 10 Jun 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

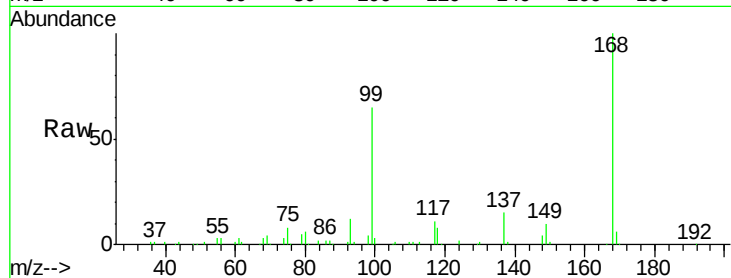
SB-12 1.0-1.5 060719

Tot Ion:168 Resp: 584961

Ion Ratio Lower Upper

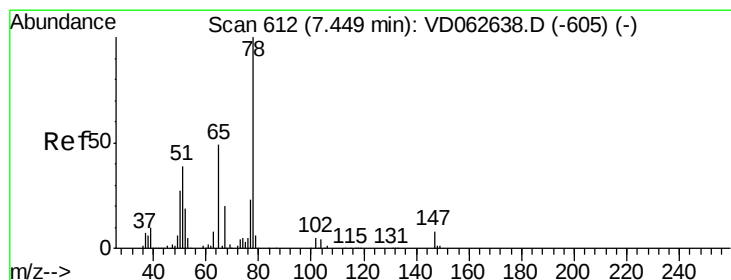
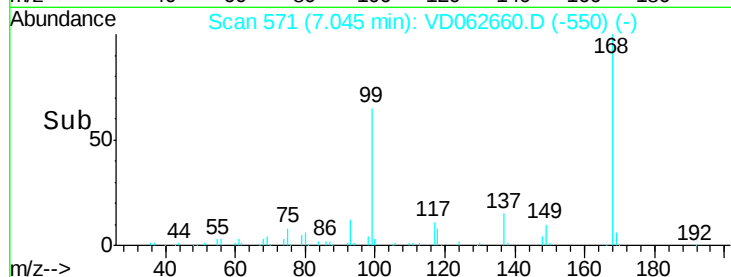
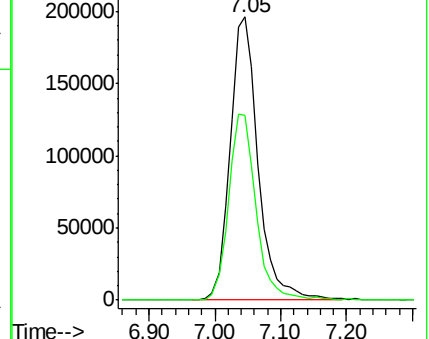
168 100

99 65.2 51.4 77.2



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: 38.131 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD062660.D

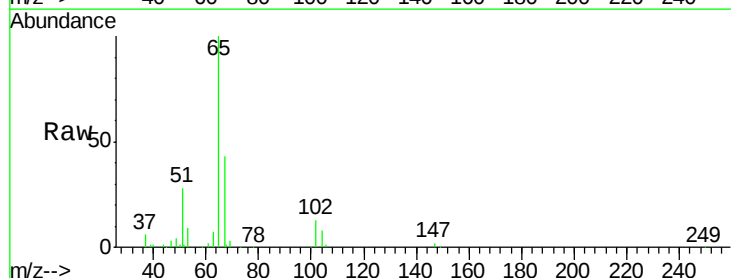
Acq: 10 Jun 2019 18:16

Tgt Ion: 65 Resp: 321859

Ion Ratio Lower Upper

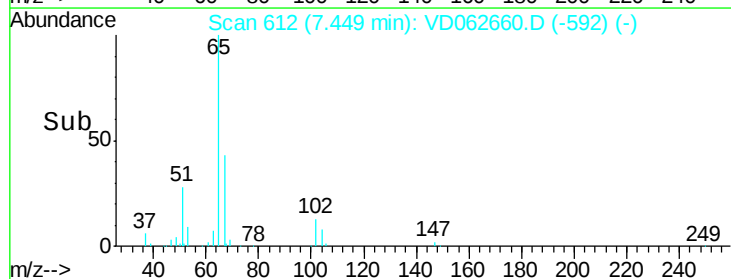
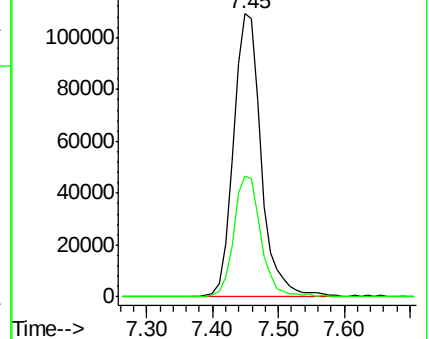
65 100

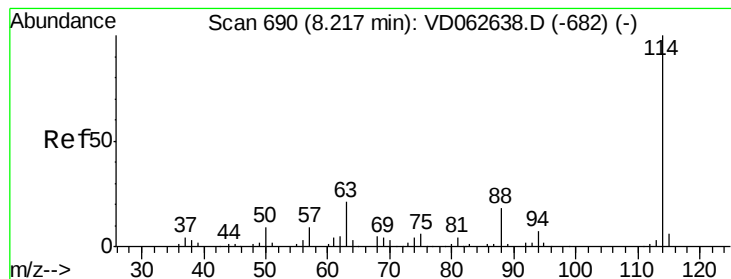
67 42.8 0.0 81.8



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: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD062660.D

Acq: 10 Jun 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

SB-12 1.0-1.5 060719

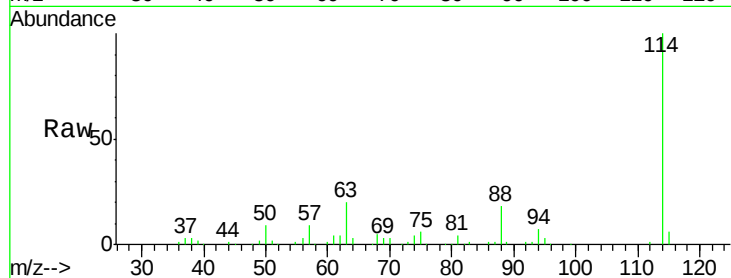
Tot Ion:114 Resp: 787246

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

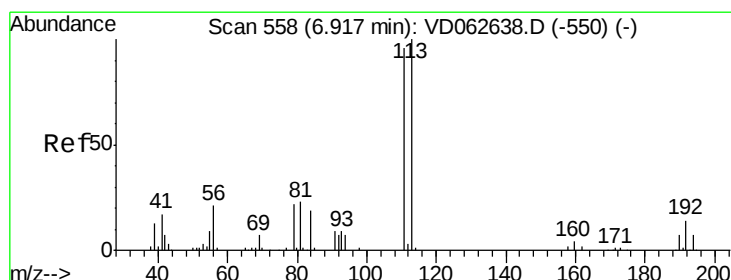
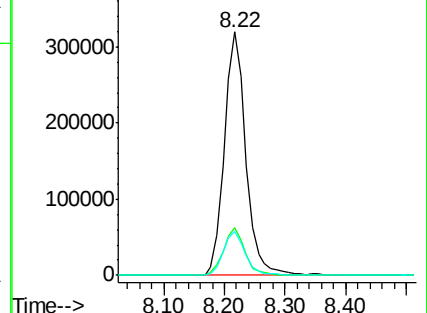
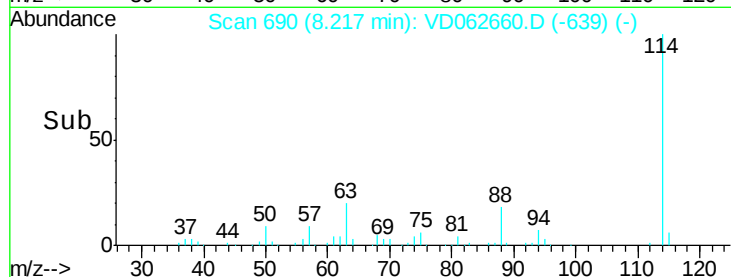
88 18.0 0.0 36.8



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: 41.940 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD062660.D

Acq: 10 Jun 2019 18:16

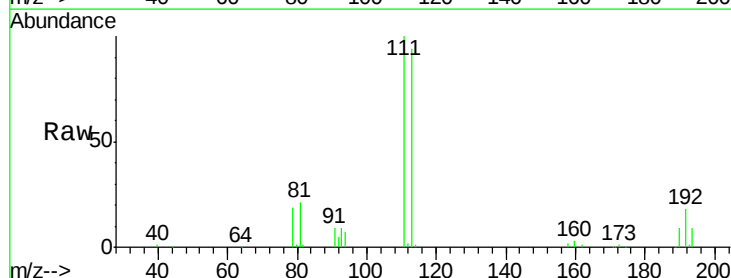
Tgt Ion:113 Resp: 348206

Ion Ratio Lower Upper

113 100

111 106.4 76.4 114.6

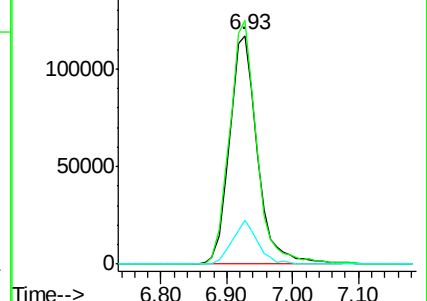
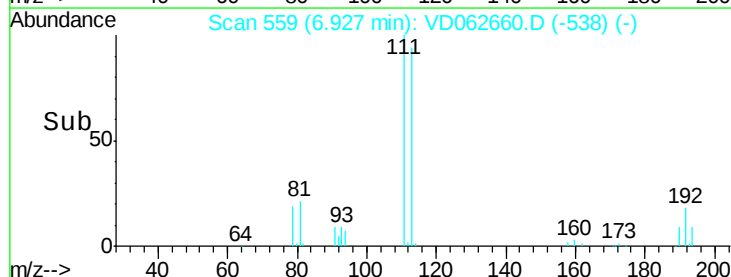
192 19.0 11.4 17.0#

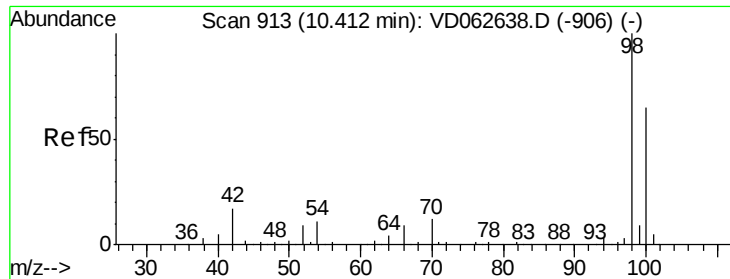


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

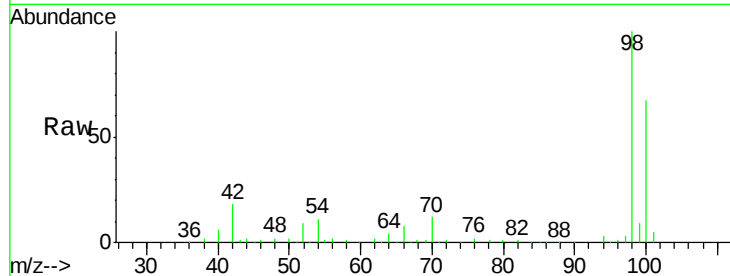




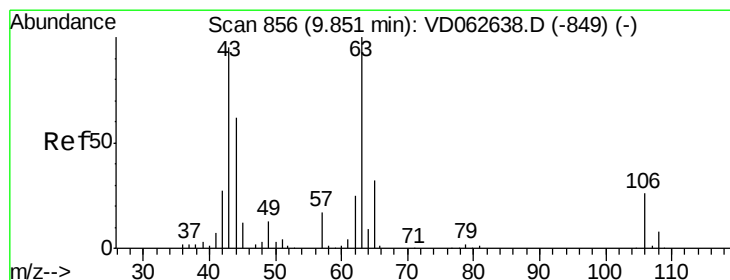
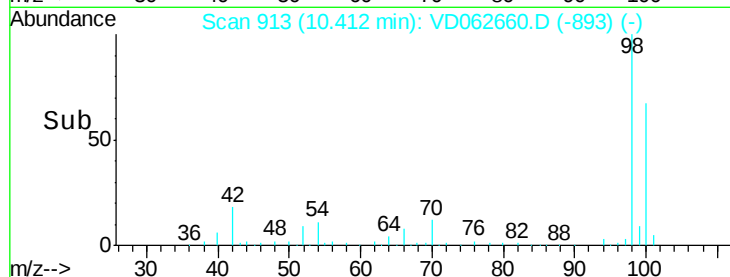
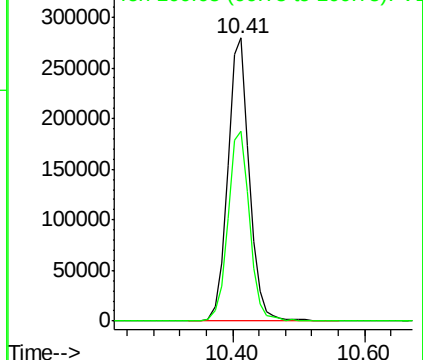
#50
Toluene-d8
Concen: 36.523 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :
SB-12 1.0-1.5_060719

Tot Ion: 98 Resp: 637896
Ion Ratio Lower Upper
98 100
100 67.1 52.1 78.1

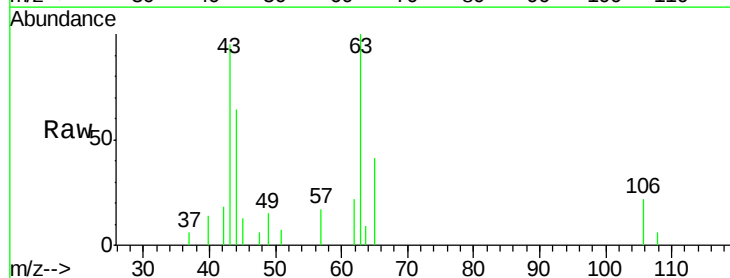


Abundance Ion 98.05 (97.75 to 98.75): VD062660.D (-893) (-)
Ion 100.05 (99.75 to 100.75): VD062660.D (-893) (-)

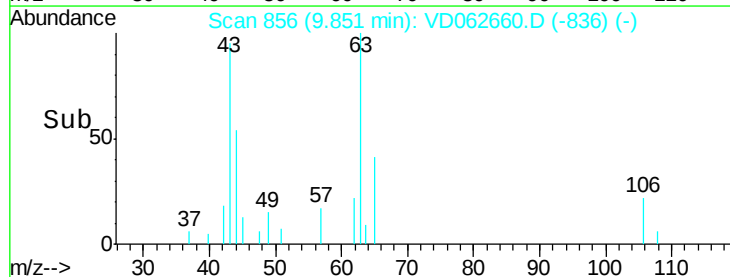
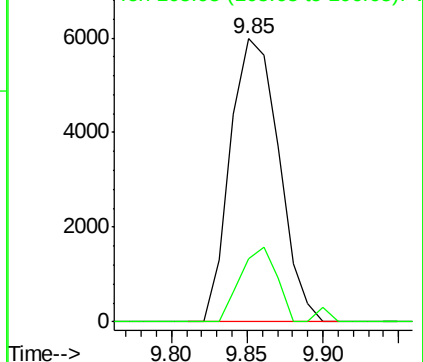


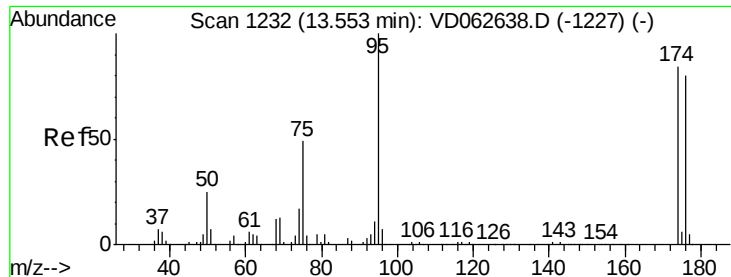
#58
2-Chloroethyl Vinyl ether
Concen: 6.164 ug/l
RT: 9.85 min Scan# 856
Delta R.T. -0.00 min
Lab File: VD062660.D
Acq: 10 Jun 2019 18:16

Tgt Ion: 63 Resp: 13364
Ion Ratio Lower Upper
63 100
106 20.7 20.5 30.7



Abundance Ion 62.95 (62.65 to 63.65): VD062660.D (-836) (-)
Ion 105.95 (105.65 to 106.65): VD062660.D (-836) (-)





#62

4-Bromofluorobenzene

Concen: 35.443 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062660.D

Acq: 10 Jun 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

SB-12 1.0-1.5 060719

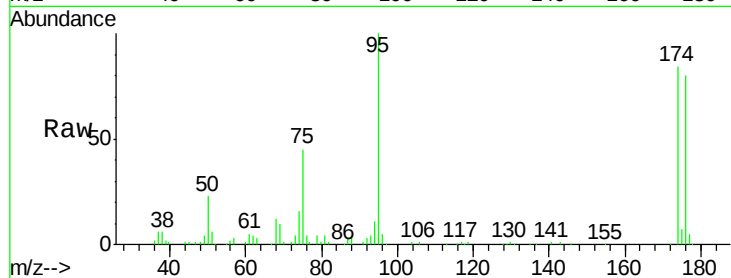
Tot Ion: 95 Resp: 288801

Ion Ratio Lower Upper

95 100

174 83.9 0.0 167.0

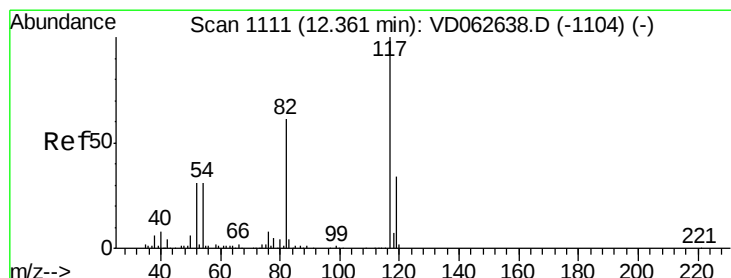
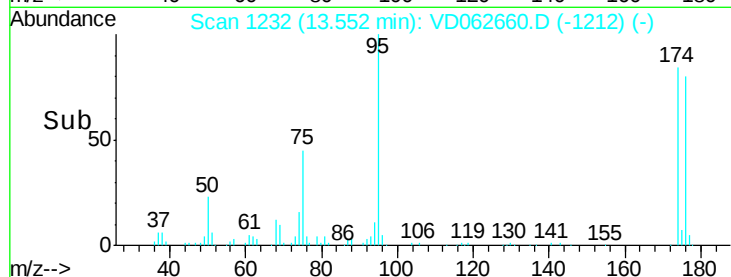
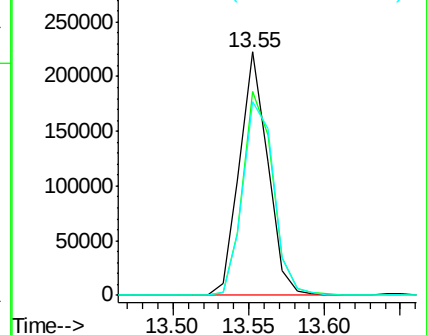
176 79.5 0.0 159.2



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# 1111

Delta R.T. -0.00 min

Lab File: VD062660.D

Acq: 10 Jun 2019 18:16

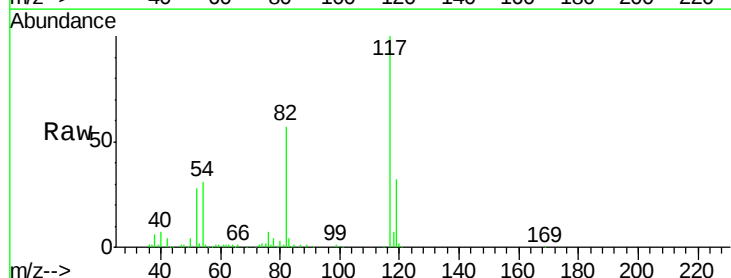
Tgt Ion: 117 Resp: 629970

Ion Ratio Lower Upper

117 100

82 56.8 48.7 73.1

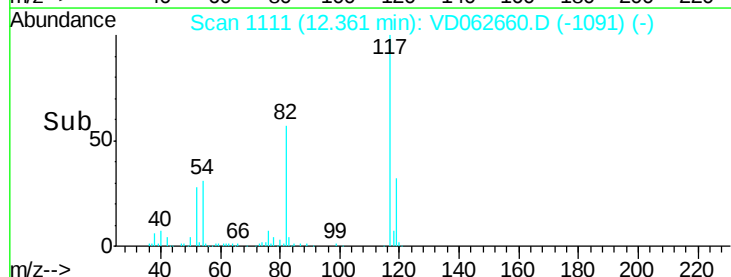
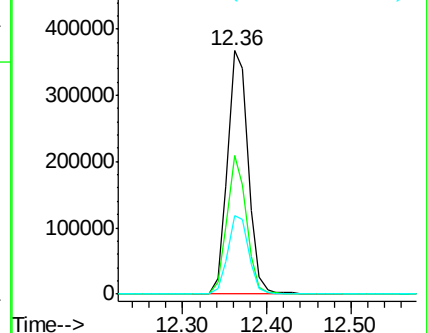
119 32.0 27.0 40.6

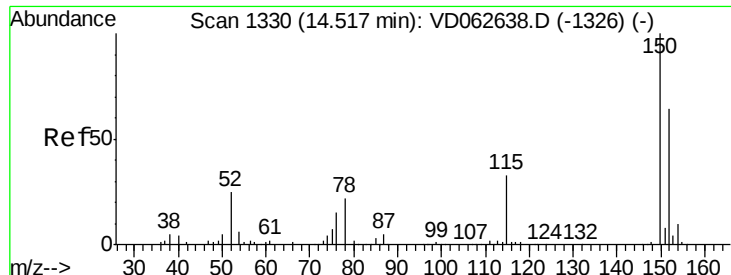


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

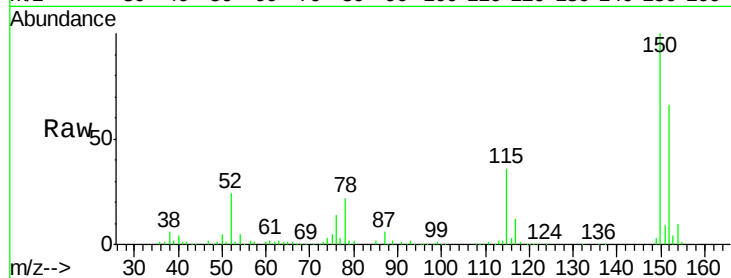




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD062660.D
 Acq: 10 Jun 2019 18:16

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12 1.0-1.5 060719

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	30.1	90.5
150	152.4	0.0	314.0



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

