

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040819\
 Data File : VD061657.D
 Acq On : 8 Apr 2019 18:14
 Operator : VA/AP
 Sample : K2240-08
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-(0-6)

Quant Time: Apr 09 01:52:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

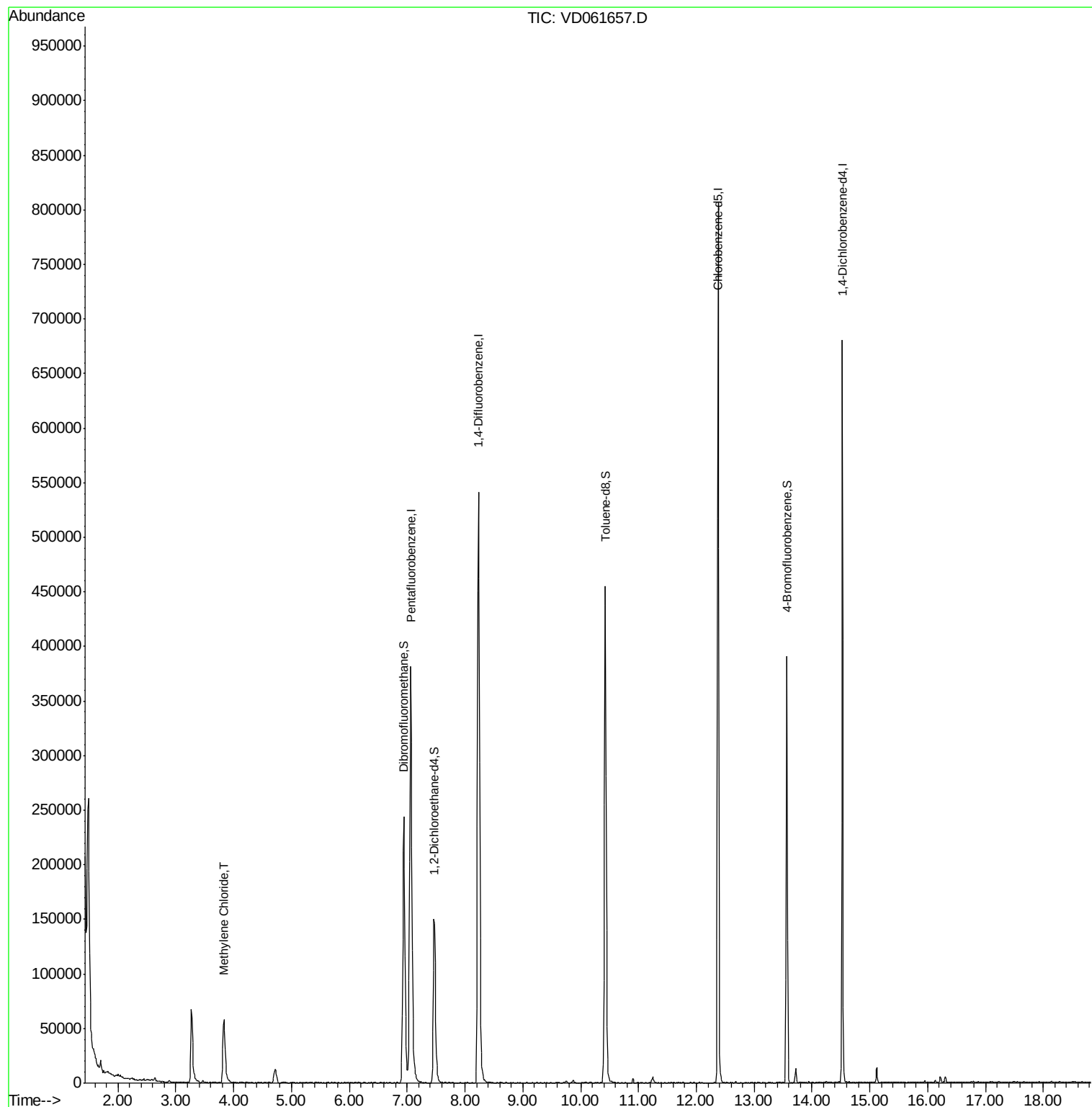
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	393192	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	671220	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	476835	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	152988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	153180	51.40	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.80%	
35) Dibromofluoromethane	6.94	113	220210	47.36	ug/l	0.02
Spiked Amount 50.000			Recovery	=	94.72%	
50) Toluene-d8	10.43	98	413506	35.39	ug/l	0.02
Spiked Amount 50.000			Recovery	=	70.78%	
62) 4-Bromofluorobenzene	13.56	95	135113	30.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.46%	
Target Compounds						
20) Methylene Chloride	3.83	84	44491	8.800	ug/l	Qvalue 96

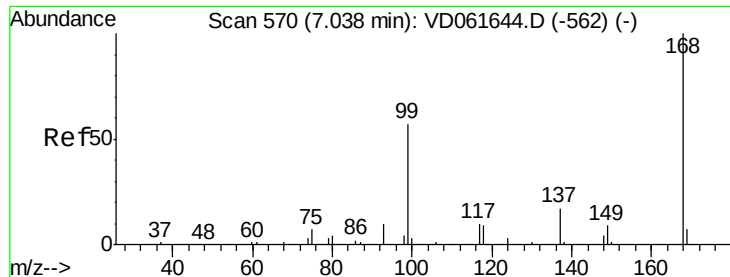
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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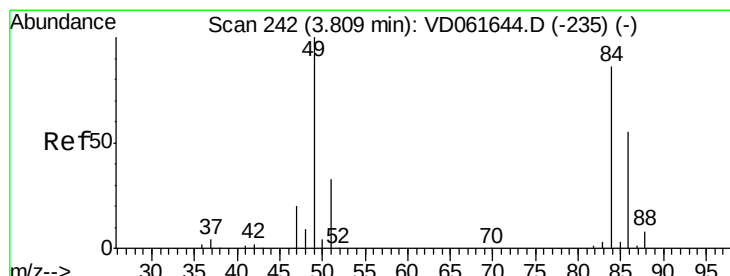
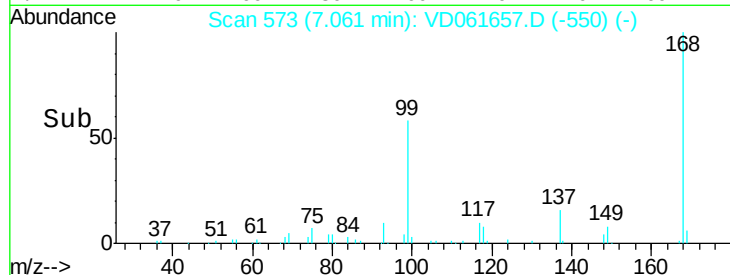
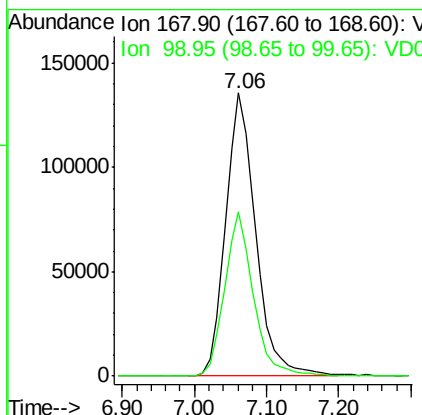
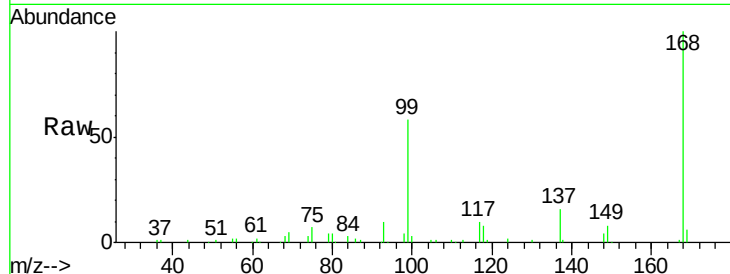




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.02 min
Lab File: VD061657.D
Acq: 8 Apr 2019 18:14

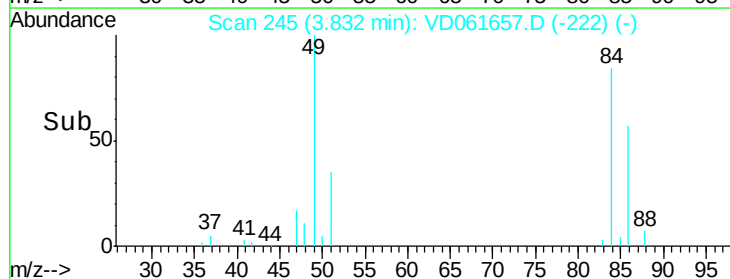
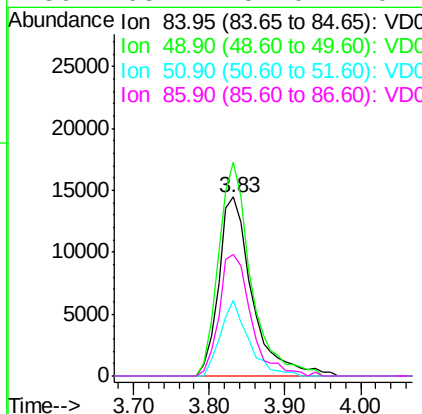
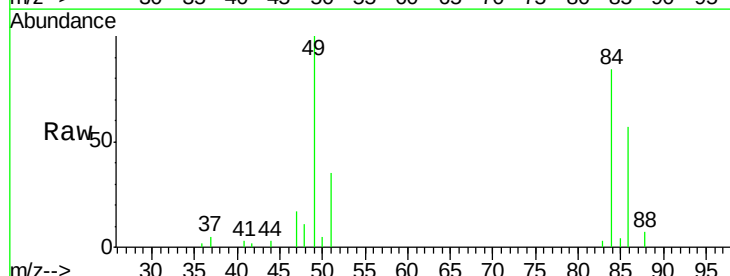
Instrument :
MSVOA_D
ClientSampleId :
SB-03-(0-6)

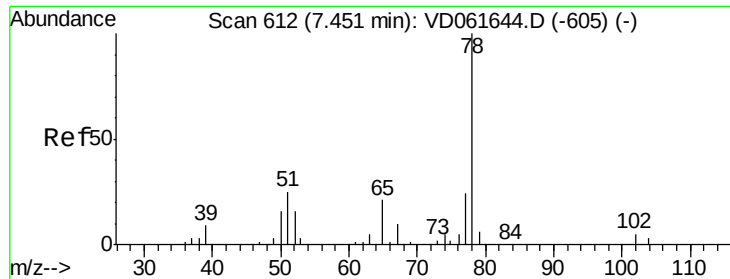
Tot Ion:168 Resp: 393192
Ion Ratio Lower Upper
168 100
99 57.8 46.8 70.2



#20
Methylene Chloride
Concen: 8.800 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.02 min
Lab File: VD061657.D
Acq: 8 Apr 2019 18:14

Tgt Ion: 84 Resp: 44491
Ion Ratio Lower Upper
84 100
49 119.2 93.0 139.4
51 42.0 30.4 45.6
86 68.2 51.0 76.4





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD061657.D

Acq: 8 Apr 2019 18:14

Instrument :

MSVOA_D

ClientSampleId :

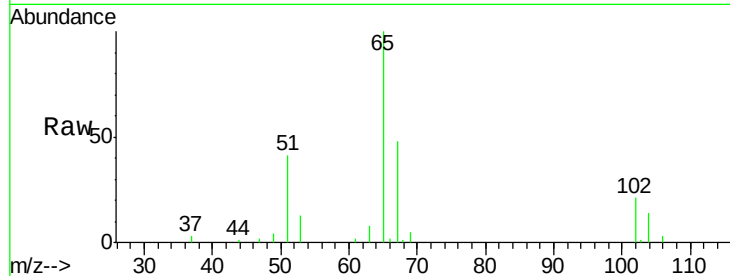
SB-03-(0-6)

Tot Ion: 65 Resp: 153180

Ion Ratio Lower Upper

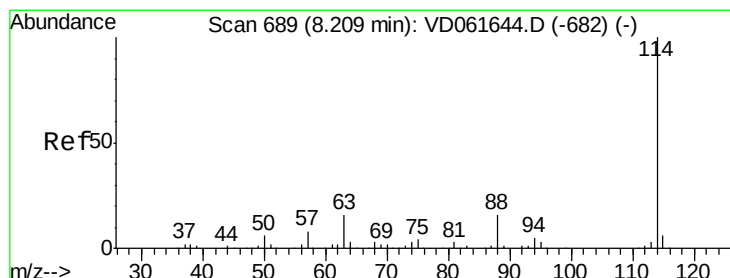
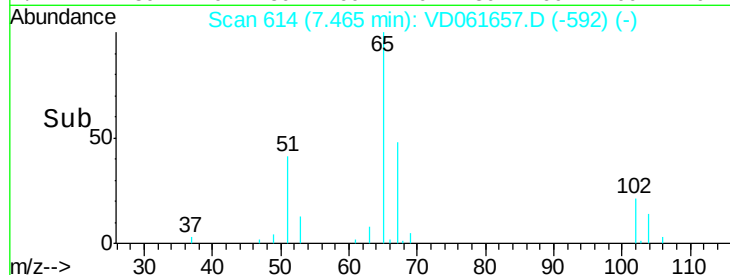
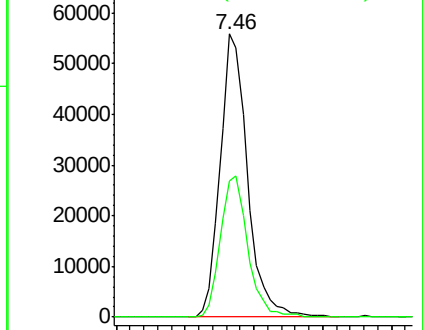
65 100

67 48.3 0.0 99.4



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. 0.02 min

Lab File: VD061657.D

Acq: 8 Apr 2019 18:14

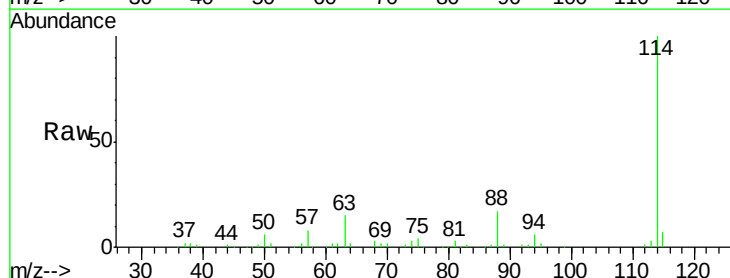
Tgt Ion: 114 Resp: 671220

Ion Ratio Lower Upper

114 100

63 15.0 0.0 31.2

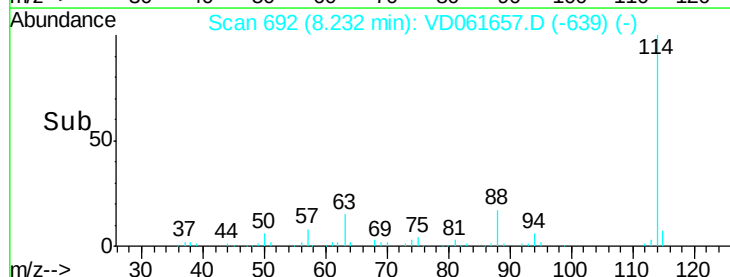
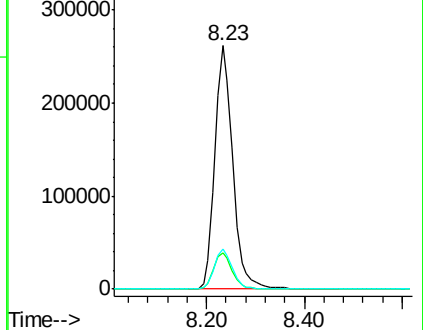
88 16.6 0.0 31.8

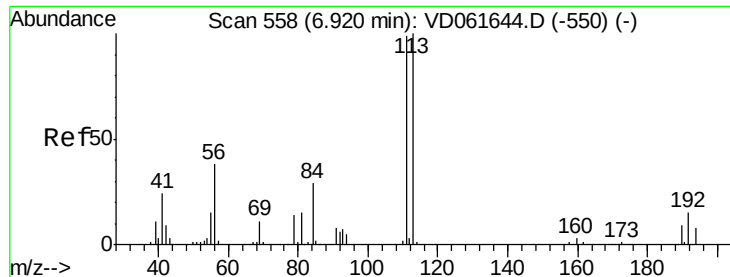


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.02 min

Lab File: VD061657.D

Acq: 8 Apr 2019 18:14

Instrument :

MSVOA_D

ClientSampleId :

SB-03-(0-6)

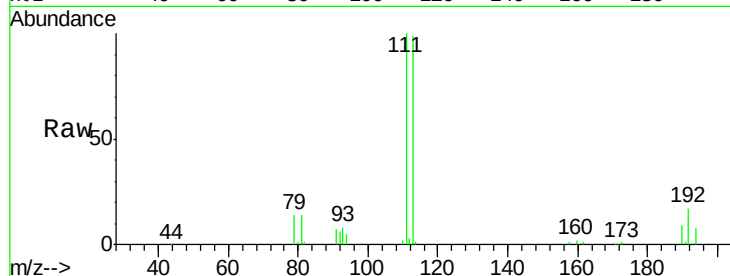
Tot Ion:113 Resp: 220210

Ion Ratio Lower Upper

113 100

111 101.0 79.3 118.9

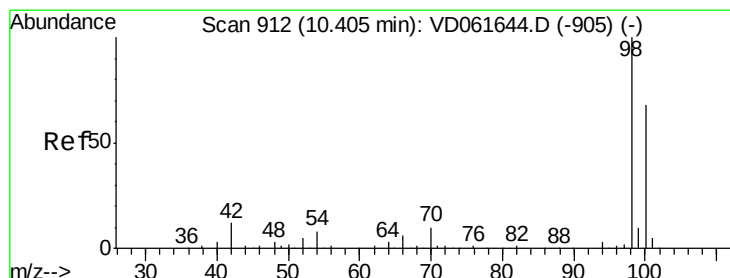
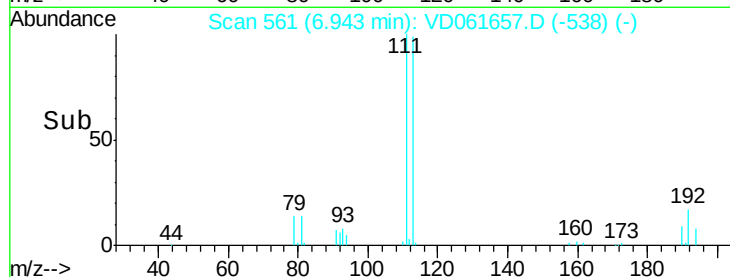
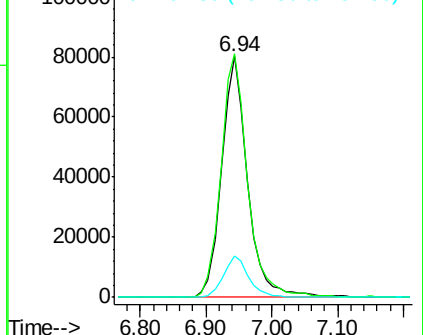
192 17.0 12.3 18.5



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: N.D. ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.02 min

Lab File: VD061657.D

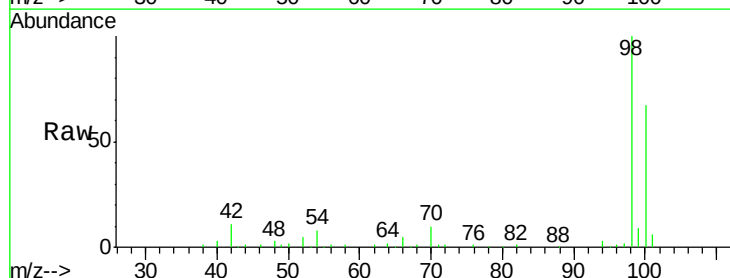
Acq: 8 Apr 2019 18:14

Tgt Ion: 98 Resp: 413506

Ion Ratio Lower Upper

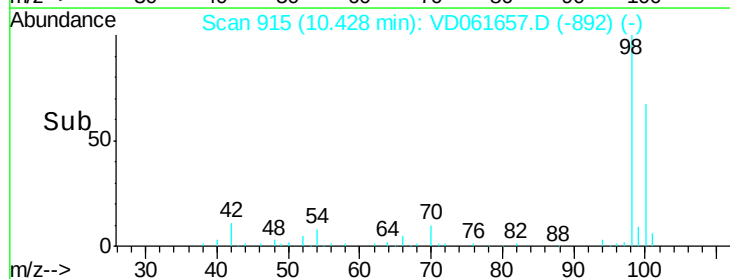
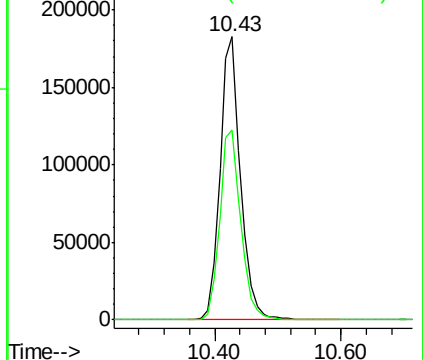
98 100

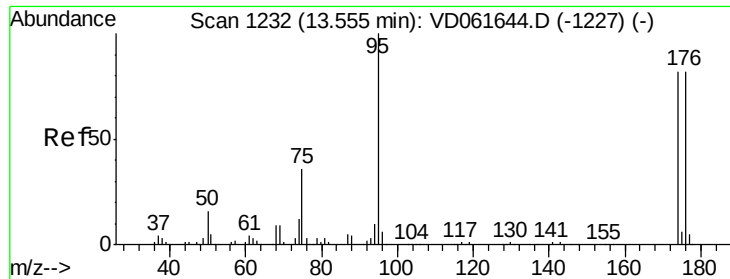
100 67.1 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD061657.D

Acq: 8 Apr 2019 18:14

Instrument :

MSVOA_D

ClientSampleId :

SB-03-(0-6)

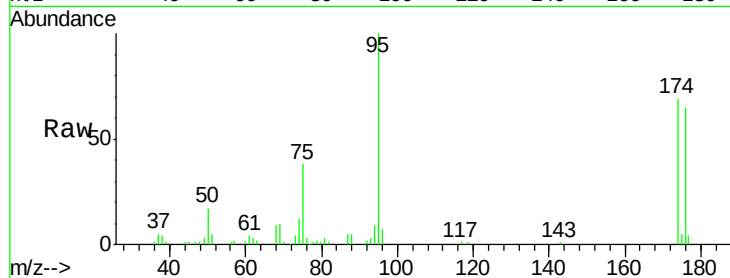
Tot Ion: 95 Resp: 135113

Ion Ratio Lower Upper

95 100

174 68.8 0.0 164.6

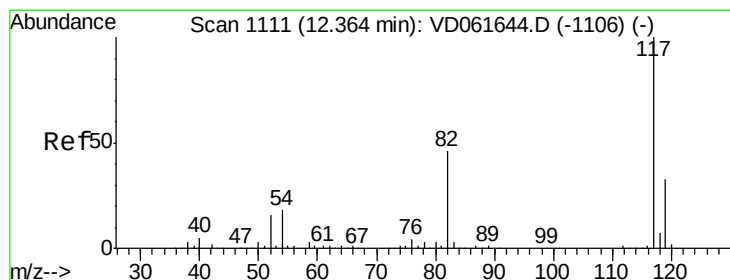
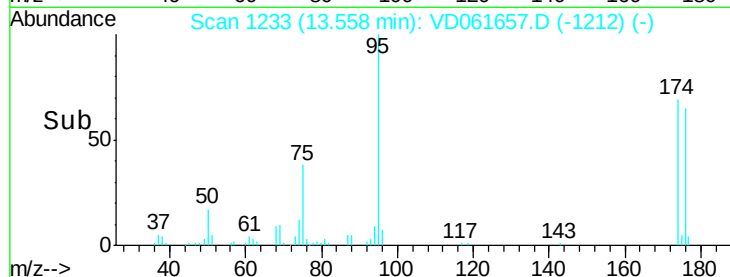
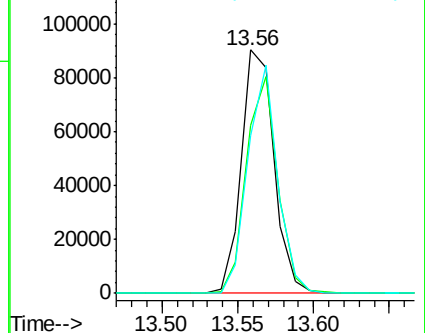
176 64.9 0.0 165.0



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. 0.01 min

Lab File: VD061657.D

Acq: 8 Apr 2019 18:14

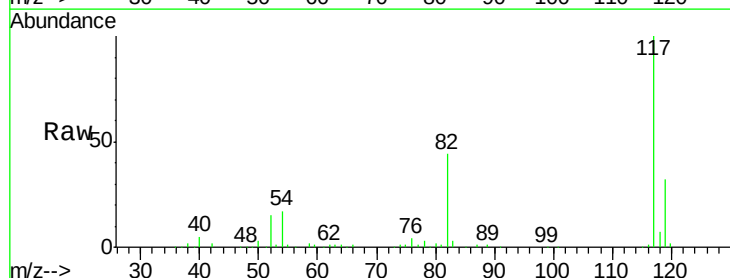
Tgt Ion: 117 Resp: 476835

Ion Ratio Lower Upper

117 100

82 44.4 36.8 55.2

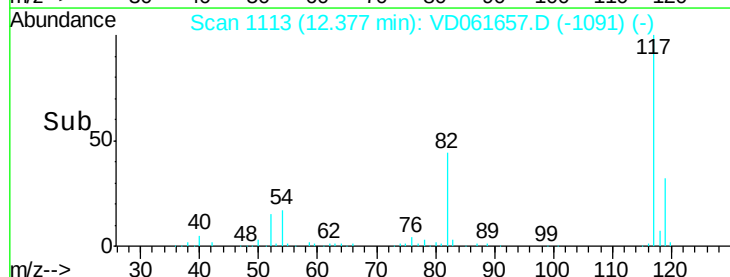
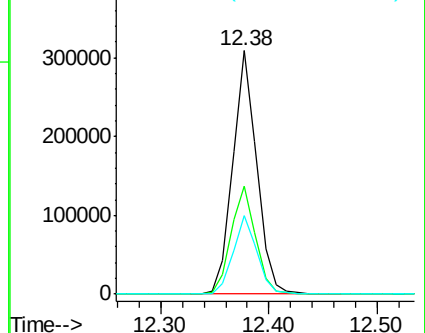
119 32.2 26.1 39.1

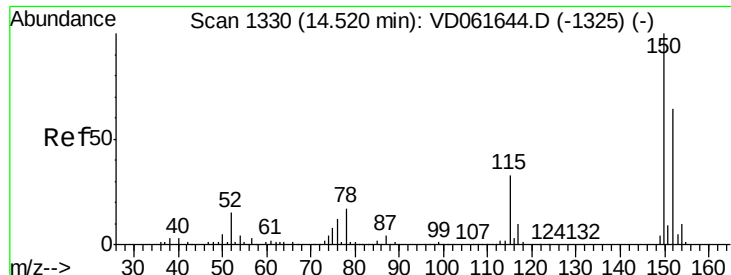


Abundance Ion 116.95 (116.65 to 117.65): V

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. 0.00 min

Lab File: VD061657.D

Acq: 8 Apr 2019 18:14

Instrument :

MSVOA_D

ClientSampleId :

SB-03-(0-6)

Tot Ion:152 Resp: 152988

Ion Ratio Lower Upper

152 100

115 55.3 26.4 79.2

150 158.9 0.0 320.6

