

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061019\
 Data File : VD062663.D
 Acq On : 10 Jun 2019 19:38
 Operator : VA/AP
 Sample : K3273-06RE
 Misc : 4.66g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4 9.5-10.0 060719RE

Quant Time: Jun 11 05:11:55 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

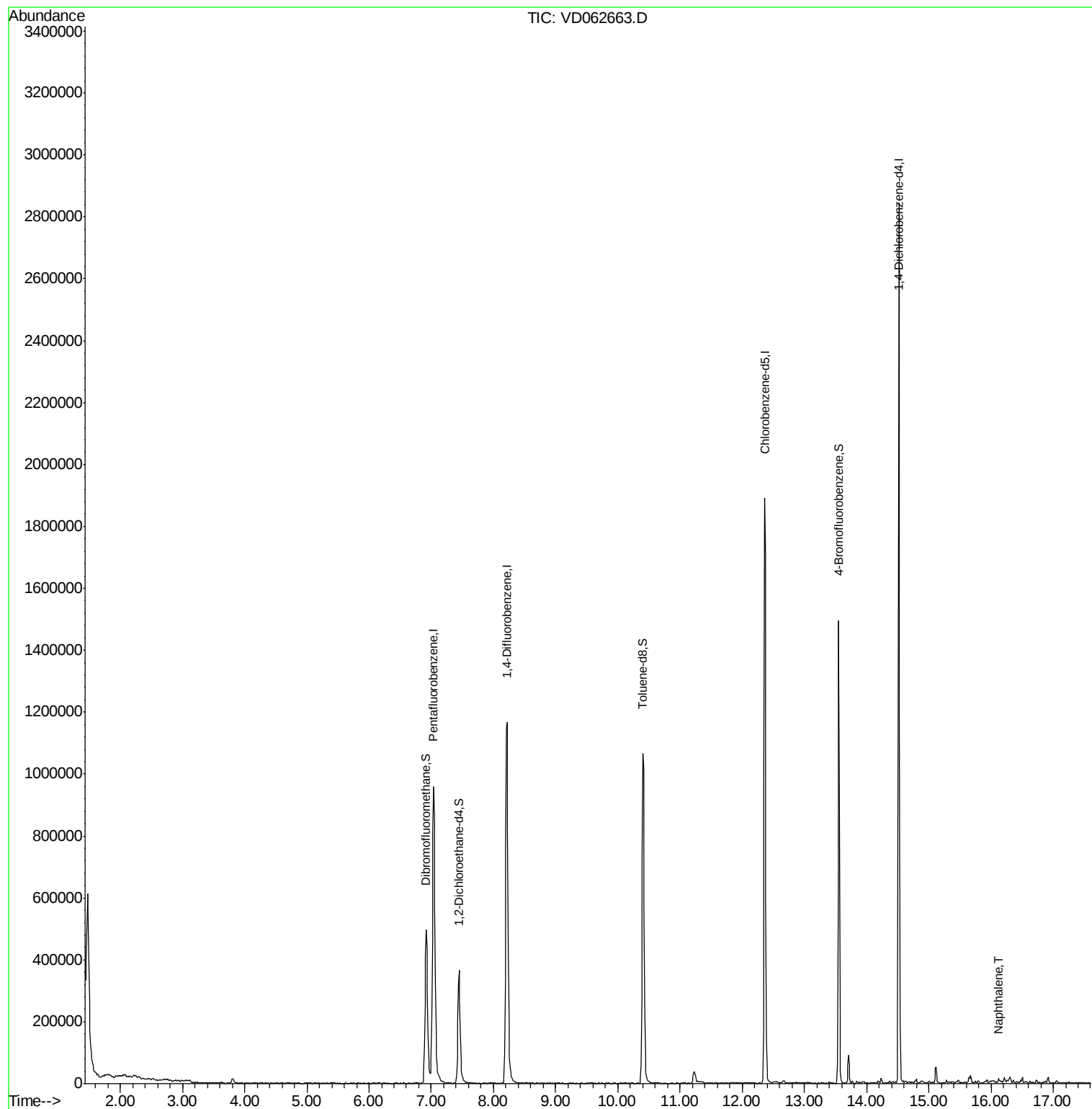
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	914346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1283616	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1043728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	551192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	409299	31.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.04%	
35) Dibromofluoromethane	6.92	113	435085	32.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.28%	
50) Toluene-d8	10.40	98	847670	29.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.54%	
62) 4-Bromofluorobenzene	13.55	95	394259	29.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.34%	
Target Compounds						
95) Naphthalene	16.12	128	7536	3.800	ug/l #	Qvalue 86

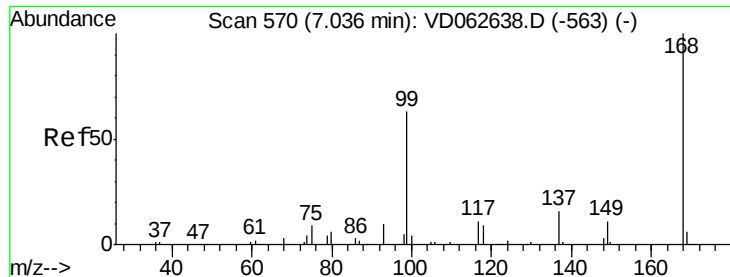
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

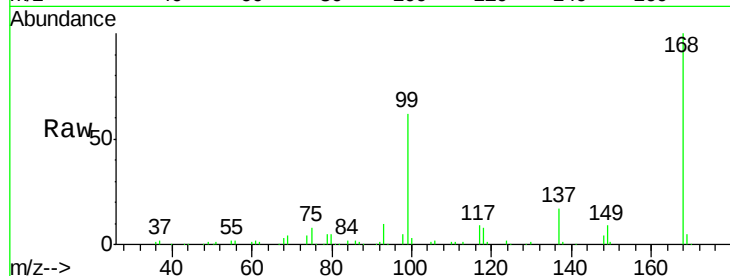
SB-4 9.5-10.0 060719RE

Tot Ion:168 Resp: 914346

Ion Ratio Lower Upper

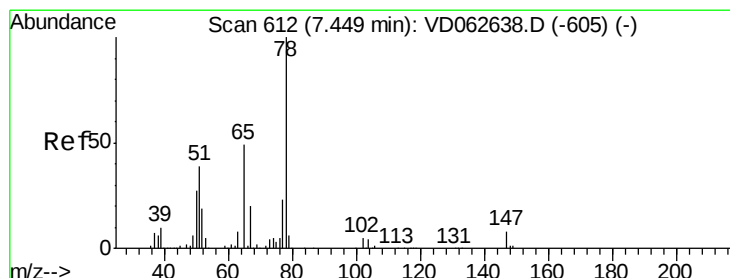
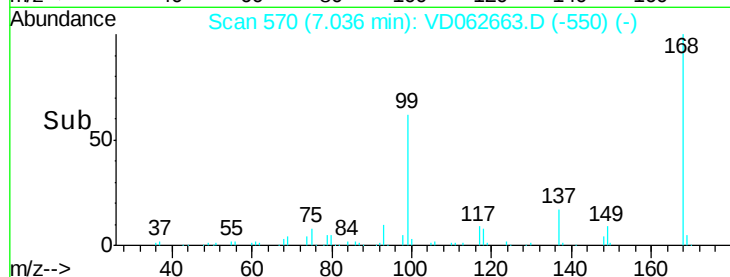
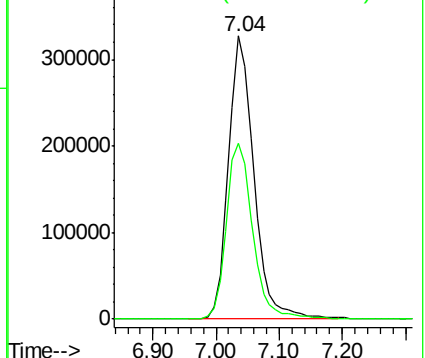
168 100

99 62.1 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: 31.022 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.00 min

Lab File: VD062663.D

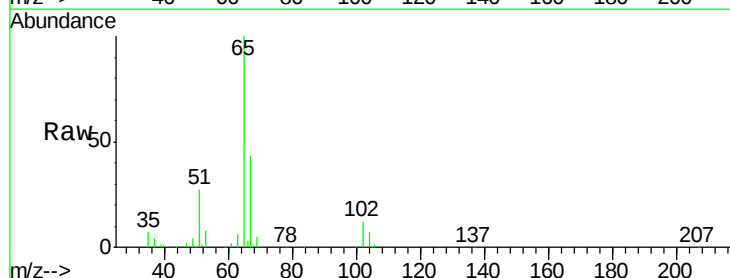
Acq: 10 Jun 2019 19:38

Tgt Ion: 65 Resp: 409299

Ion Ratio Lower Upper

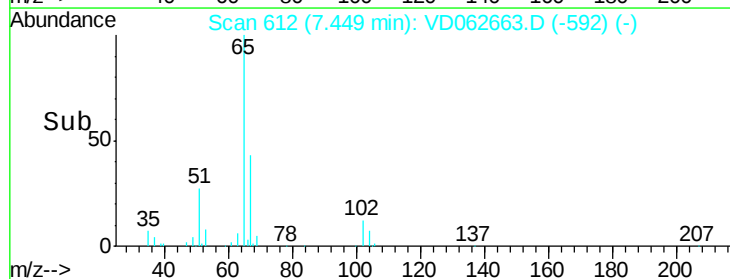
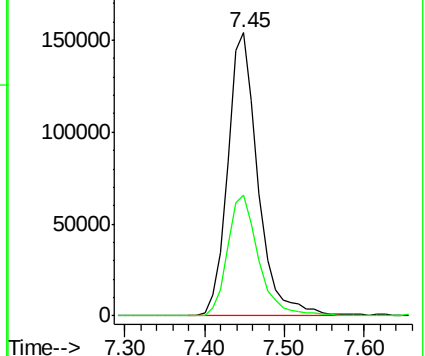
65 100

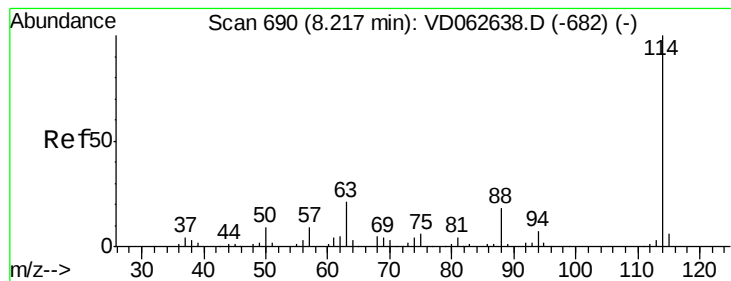
67 42.6 0.0 81.8



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: VD062663.D

Acq: 10 Jun 2019 19:38

Instrument :

MSVOA_D

ClientSampleId :

SB-4 9.5-10.0 060719RE

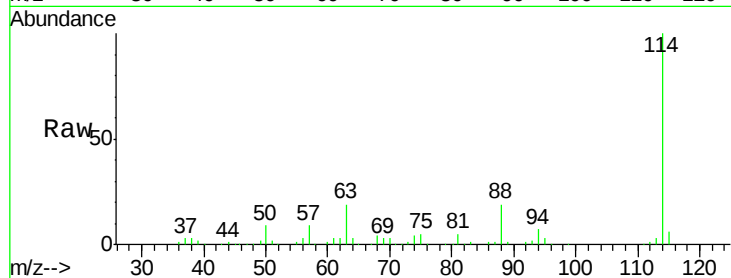
Tot Ion:114 Resp: 1283616

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

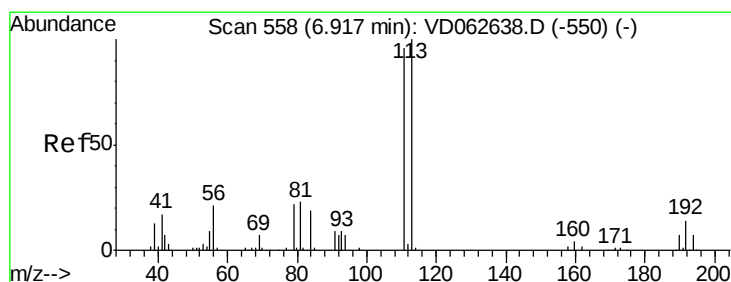
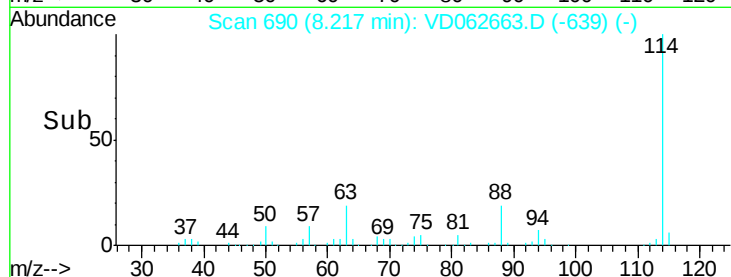
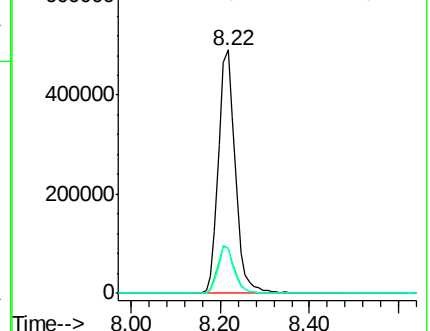
88 18.6 0.0 36.8



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: 32.139 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.00 min

Lab File: VD062663.D

Acq: 10 Jun 2019 19:38

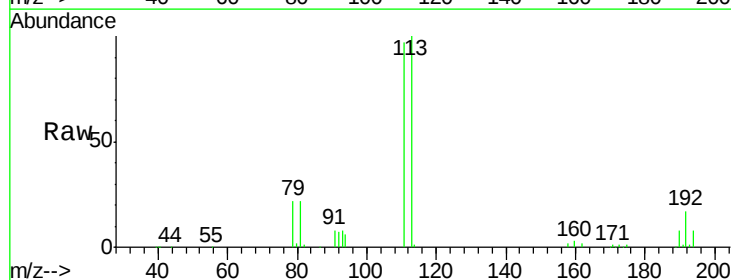
Tgt Ion:113 Resp: 435085

Ion Ratio Lower Upper

113 100

111 97.1 76.4 114.6

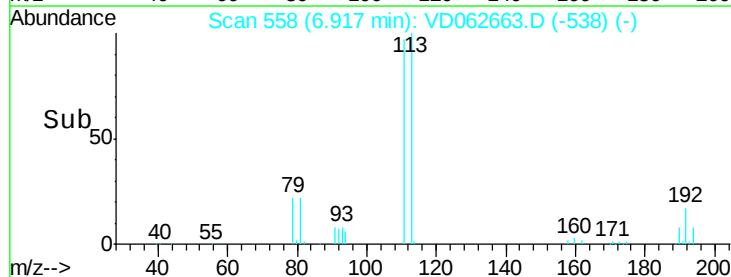
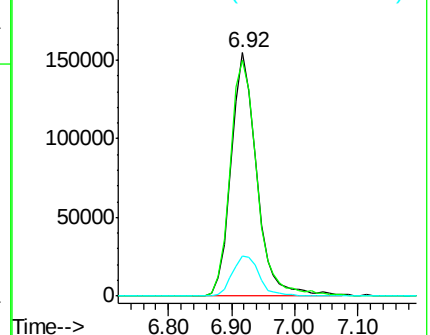
192 16.5 11.4 17.0

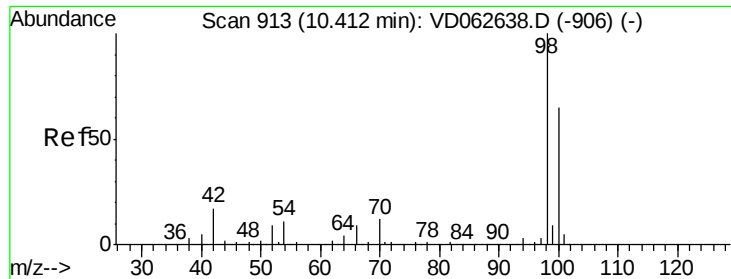


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

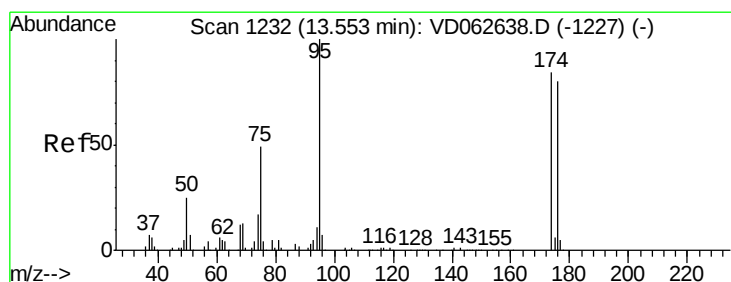
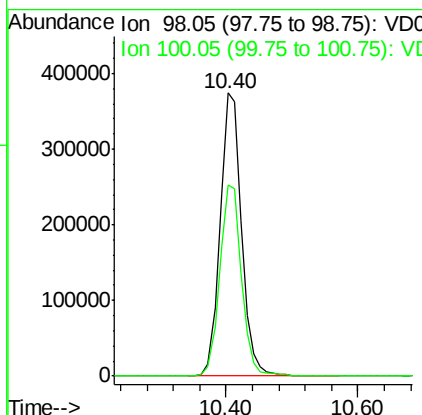
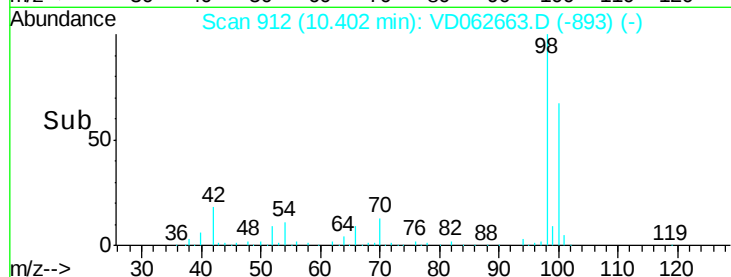
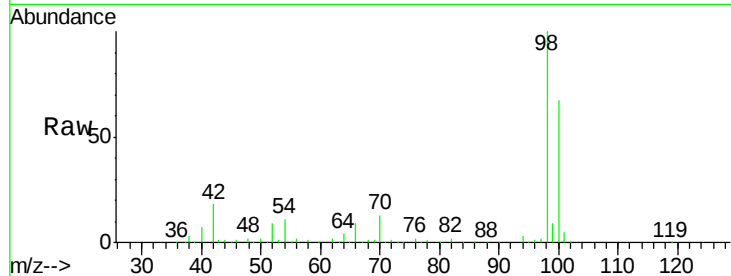




#50
Toluene-d8
Concen: 29.766 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062663.D
Acq: 10 Jun 2019 19:38

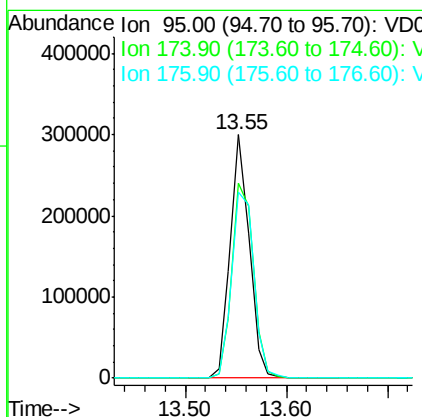
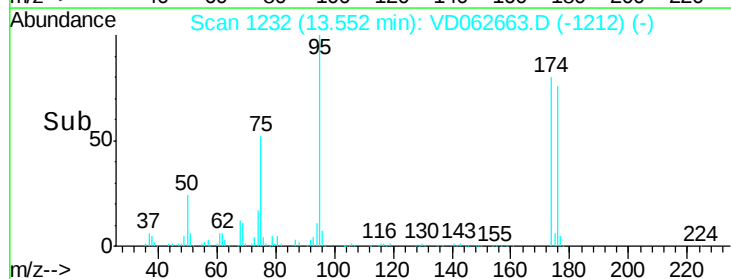
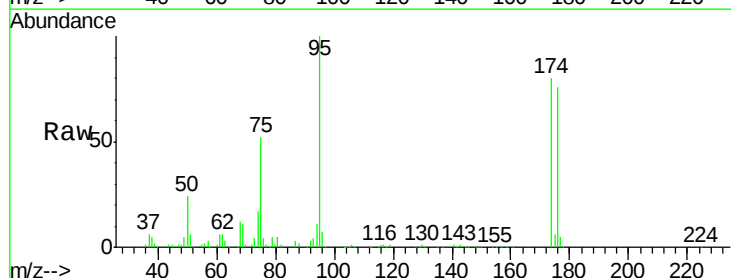
Instrument :
MSVOA_D
ClientSampleId :
SB-4 9.5-10.0_060719RE

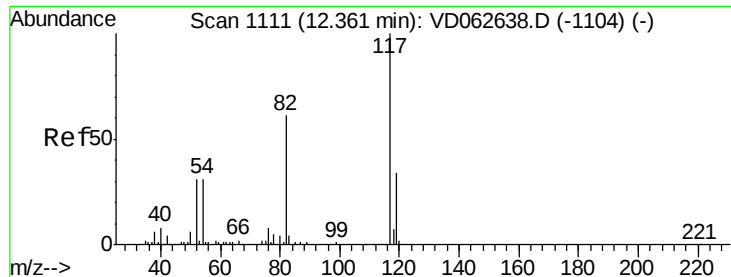
Tot Ion: 98 Resp: 847670
Ion Ratio Lower Upper
98 100
100 67.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 29.675 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062663.D
Acq: 10 Jun 2019 19:38

Tgt Ion: 95 Resp: 394259
Ion Ratio Lower Upper
95 100
174 80.2 0.0 167.0
176 76.3 0.0 159.2

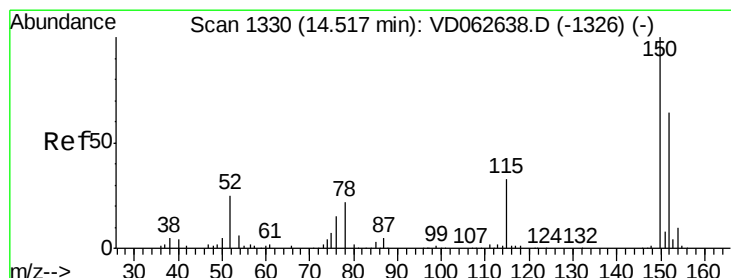
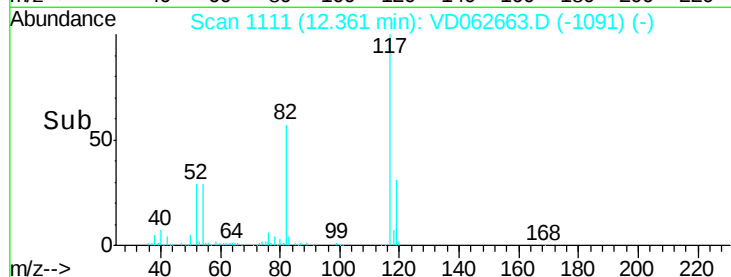
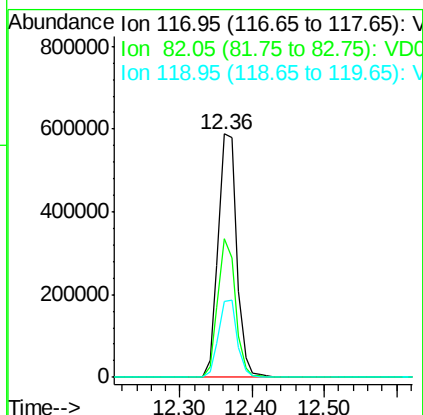
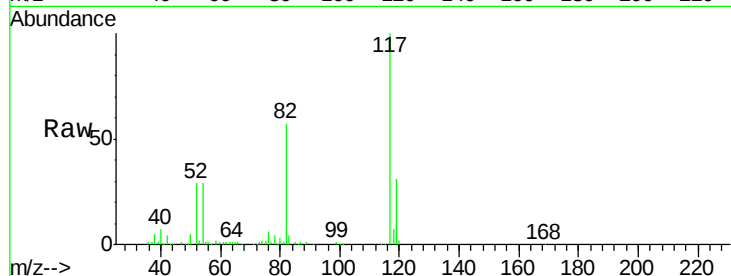




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062663.D
Acq: 10 Jun 2019 19:38

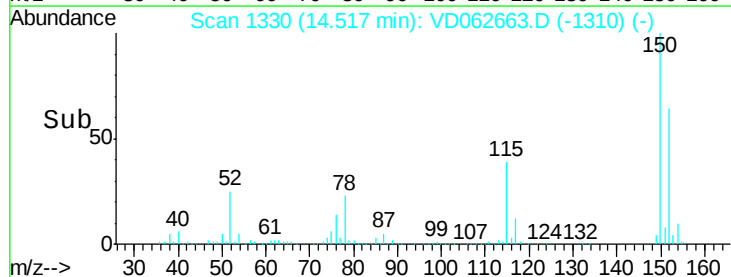
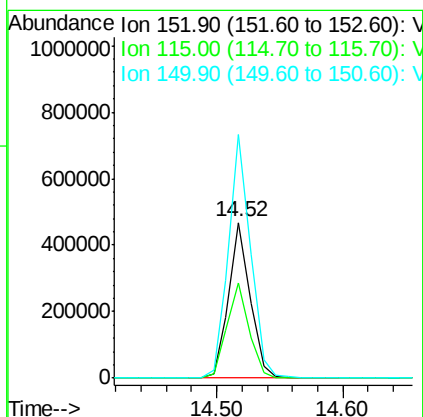
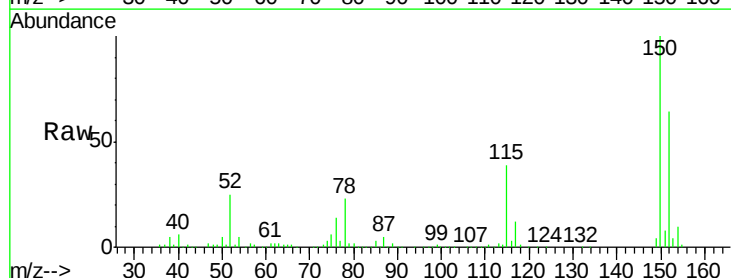
Instrument :
MSVOA_D
ClientSampleId :
SB-4 9.5-10.0_060719RE

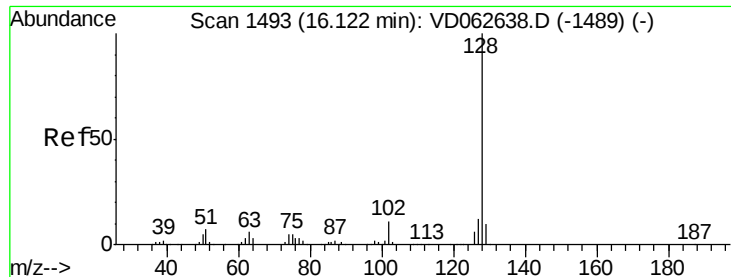
Tot Ion:117 Resp: 1043728
Ion Ratio Lower Upper
117 100
82 57.1 48.7 73.1
119 31.2 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062663.D
Acq: 10 Jun 2019 19:38

Tgt Ion:152 Resp: 551192
Ion Ratio Lower Upper
152 100
115 60.8 30.1 90.5
150 156.5 0.0 314.0





#95

Naphthalene

Concen: 3.800 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD062663.D

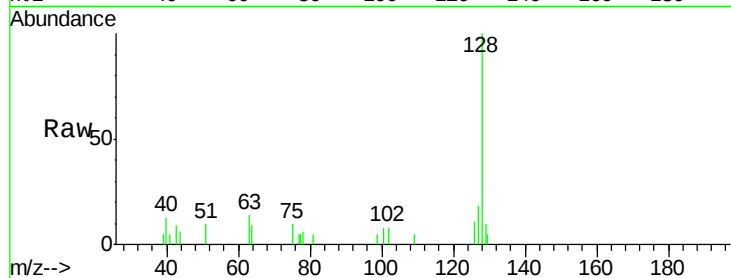
Acq: 10 Jun 2019 19:38

Instrument :

MSVOA_D

ClientSampleId :

SB-4_9.5-10.0_060719RE



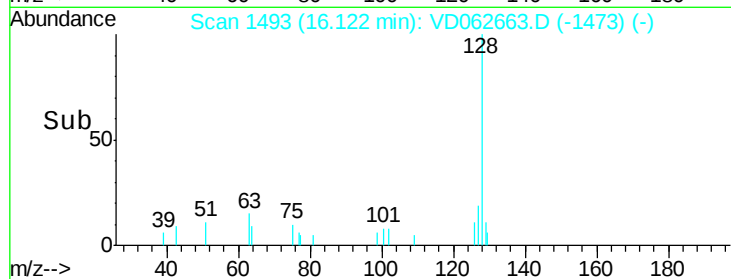
Tot Ion:128 Resp: 7536

Ion Ratio Lower Upper

128 100

127 17.5 9.7 14.5#

129 15.0 8.1 12.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

