

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061219\
 Data File : VD062673.D
 Acq On : 12 Jun 2019 14:47
 Operator : VA/AP
 Sample : K3273-07
 Misc : 4.67g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5 1.0-1.5 060719

Quant Time: Jun 13 07:44:07 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	695195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	931512	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	786502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	443845	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	355497	35.44	ug/l	0.00
Spiked Amount			Recovery	=	70.88%	
35) Dibromofluoromethane	6.92	113	379279	38.61	ug/l	0.00
Spiked Amount			Recovery	=	77.22%	
50) Toluene-d8	10.40	98	710435	34.38	ug/l	-0.02
Spiked Amount			Recovery	=	68.76%	
62) 4-Bromofluorobenzene	13.55	95	379439	39.35	ug/l	0.00
Spiked Amount			Recovery	=	78.70%	

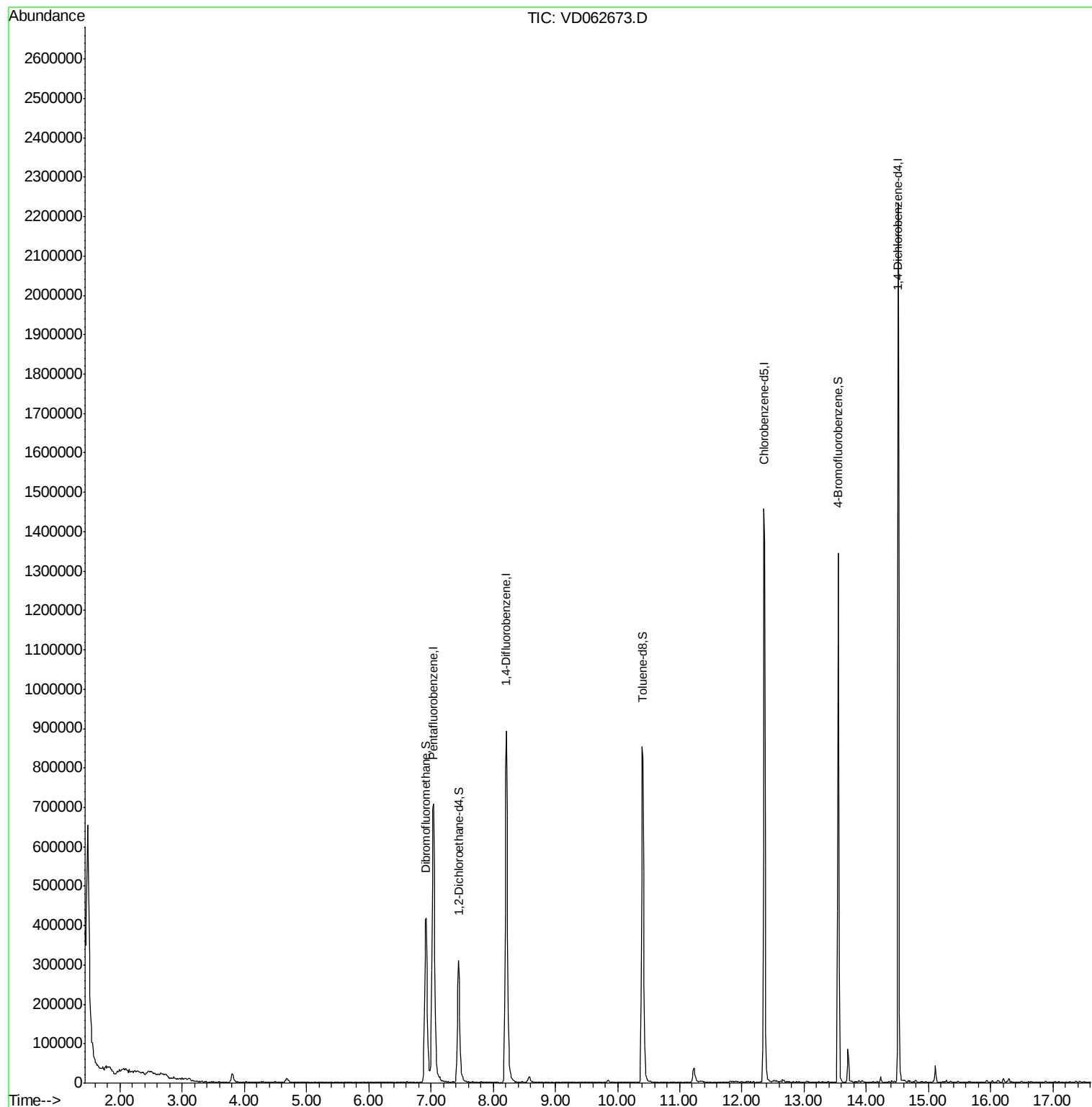
Target Compounds	Qvalue
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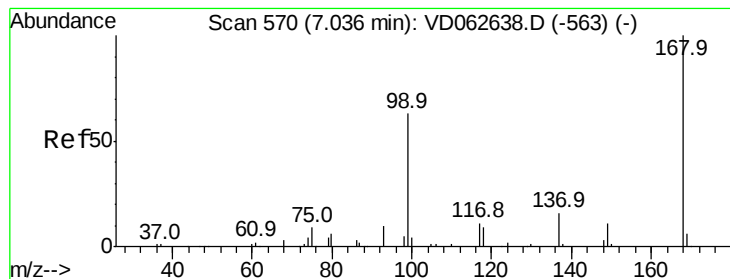
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: VD062673.D

Acq: 12 Jun 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

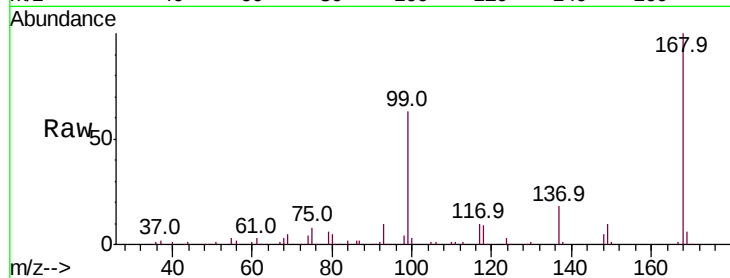
SB-5 1.0-1.5 060719

Tot Ion:168 Resp: 695195

Ion Ratio Lower Upper

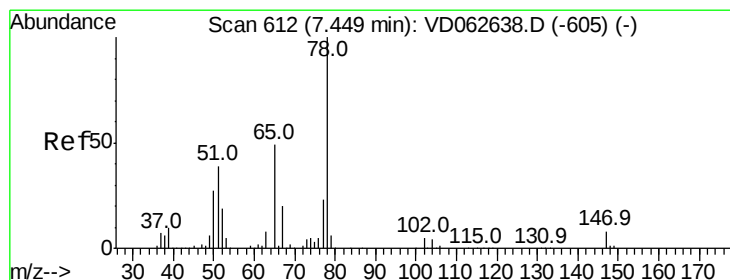
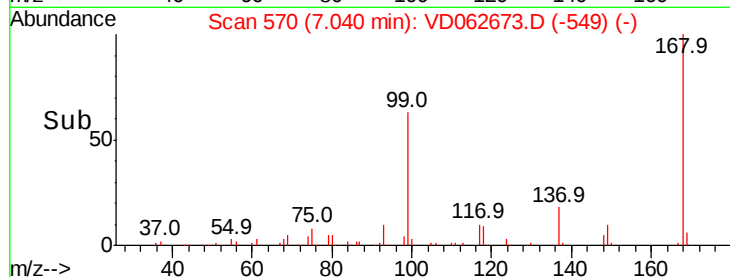
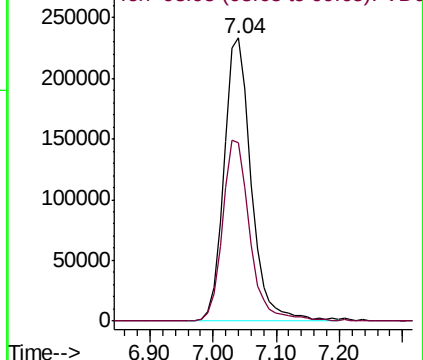
168 100

99 63.2 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: 35.438 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD062673.D

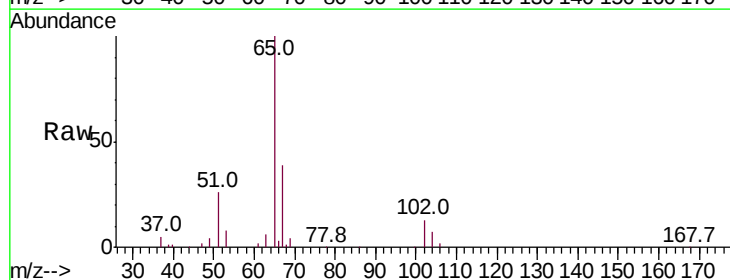
Acq: 12 Jun 2019 14:47

Tgt Ion: 65 Resp: 355497

Ion Ratio Lower Upper

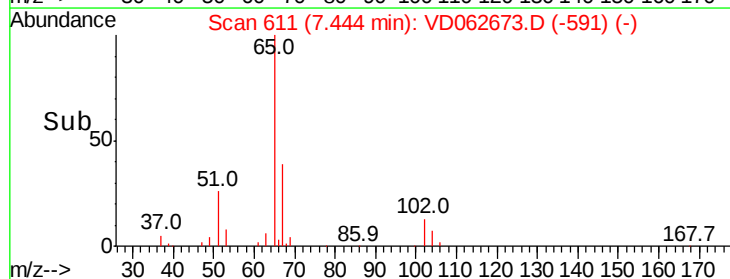
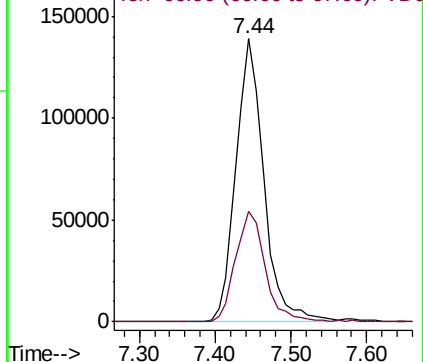
65 100

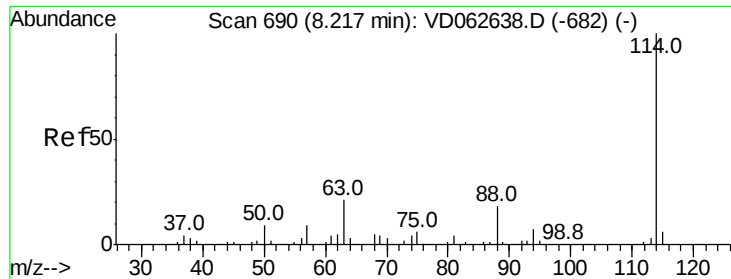
67 39.2 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

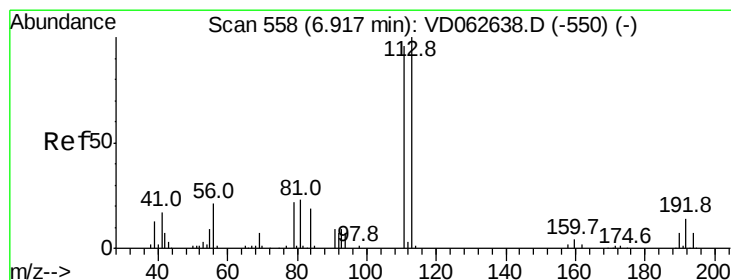
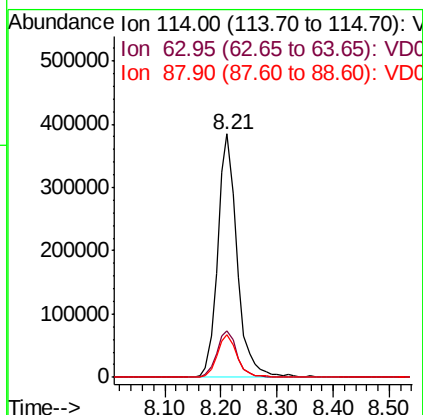
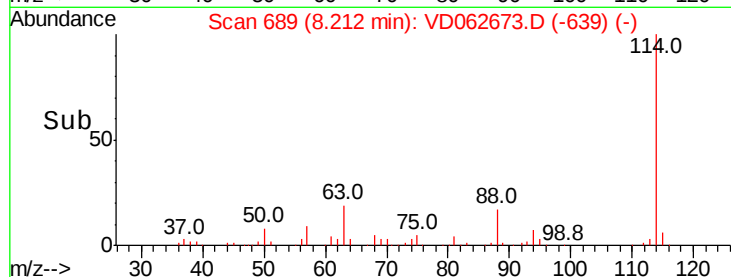
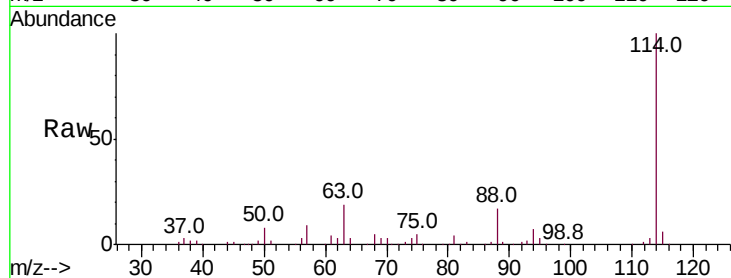




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD062673.D
 Acq: 12 Jun 2019 14:47

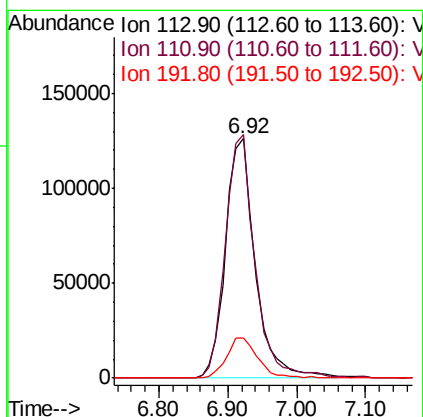
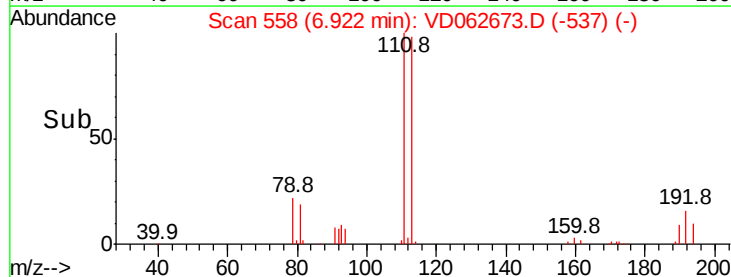
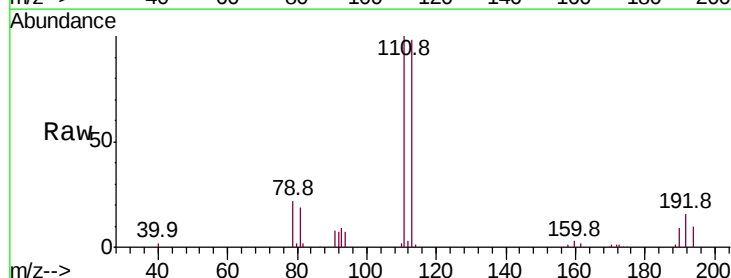
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5_1.0-1.5_060719

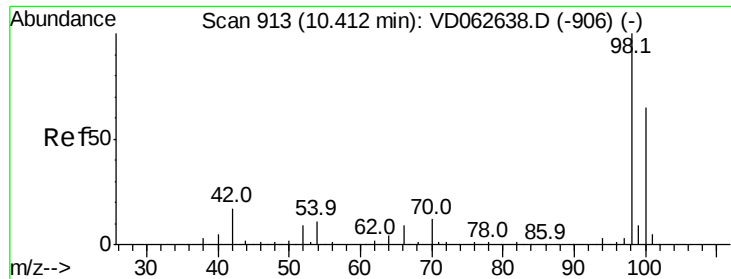
Tot Ion:114 Resp: 931512
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 17.4 0.0 36.8



#35
 Dibromofluoromethane
 Concen: 38.607 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: VD062673.D
 Acq: 12 Jun 2019 14:47

Tgt Ion:113 Resp: 379279
 Ion Ratio Lower Upper
 113 100
 111 101.6 76.4 114.6
 192 16.7 11.4 17.0





#50

Toluene-d8

Concen: 34.376 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.02 min

Lab File: VD062673.D

Acq: 12 Jun 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

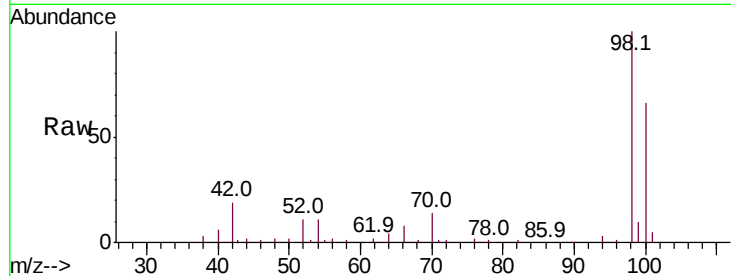
SB-5 1.0-1.5 060719

Tot Ion: 98 Resp: 710435

Ion Ratio Lower Upper

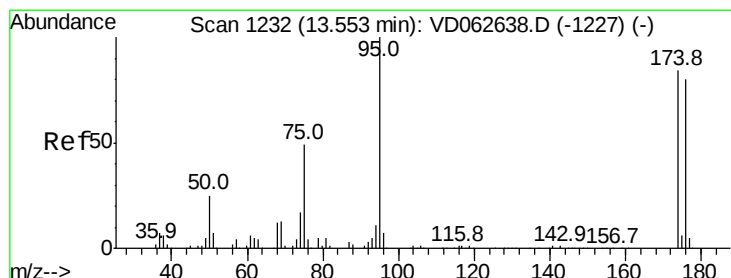
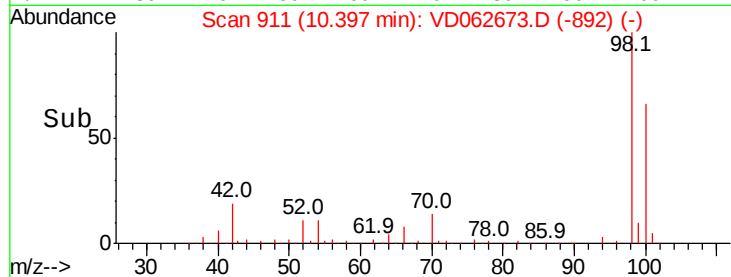
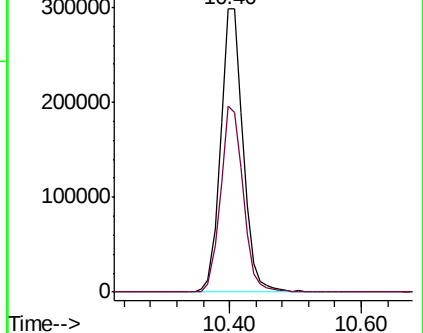
98 100

100 66.0 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 39.355 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062673.D

Acq: 12 Jun 2019 14:47

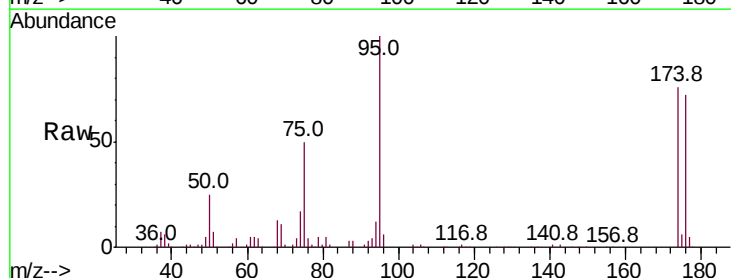
Tgt Ion: 95 Resp: 379439

Ion Ratio Lower Upper

95 100

174 76.3 0.0 167.0

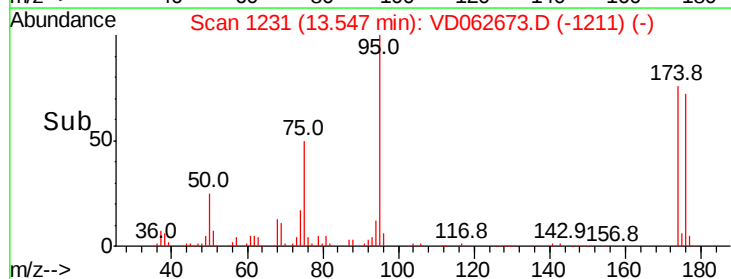
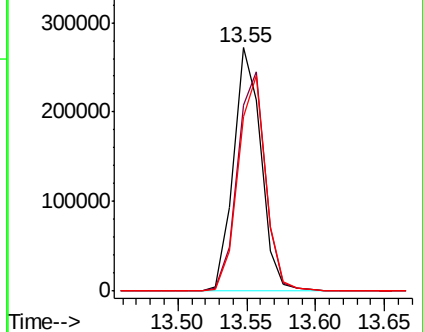
176 71.9 0.0 159.2

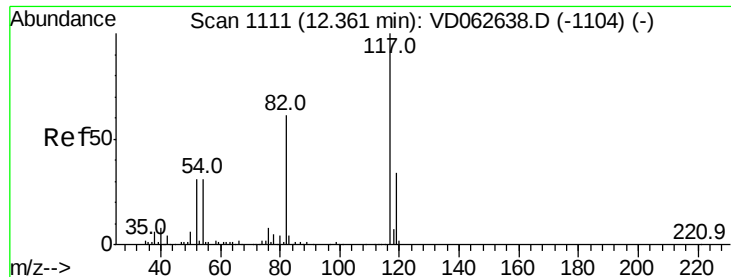


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

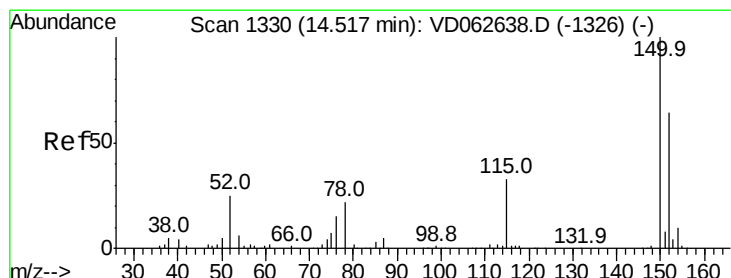
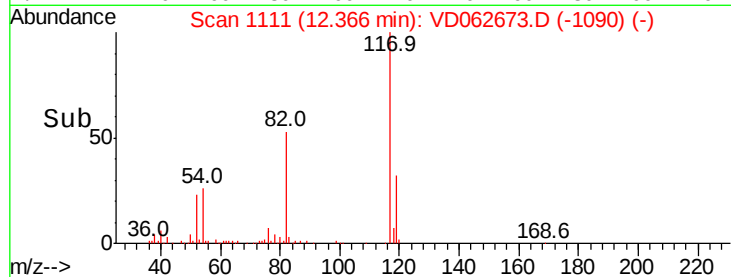
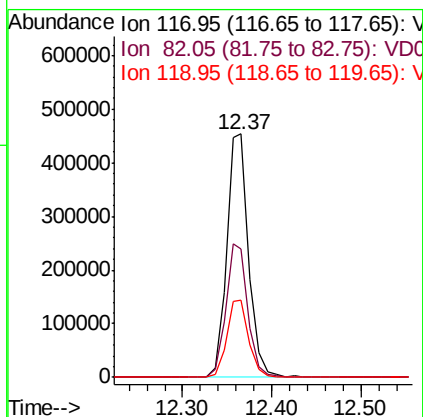
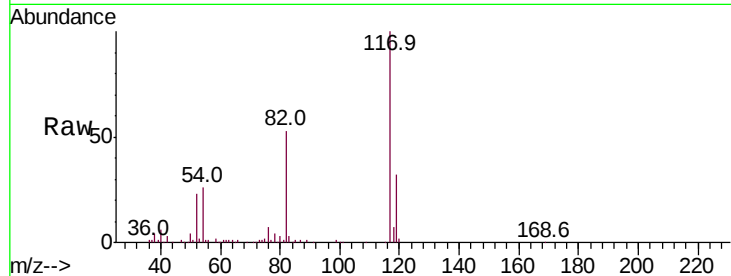




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD062673.D
Acq: 12 Jun 2019 14:47

Instrument :
MSVOA_D
ClientSampleId :
SB-5_1.0-1.5_060719

Tot Ion:117 Resp: 786502
Ion Ratio Lower Upper
117 100
82 52.5 48.7 73.1
119 31.9 27.0 40.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062673.D
Acq: 12 Jun 2019 14:47

Tgt Ion:152 Resp: 443845
Ion Ratio Lower Upper
152 100
115 60.8 30.1 90.5
150 153.4 0.0 314.0

