

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061219\
 Data File : VD062676.D
 Acq On : 12 Jun 2019 16:08
 Operator : VA/AP
 Sample : K3273-14RE
 Misc : 4.86g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8 9.5-10.0 060719RE

Quant Time: Jun 13 07:49:06 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	633923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	900225	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	719344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	413077	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	301124	32.92	ug/l	-0.01
Spiked Amount			Recovery	=	65.84%	
35) Dibromofluoromethane	6.91	113	349032	36.76	ug/l	-0.01
Spiked Amount			Recovery	=	73.52%	
50) Toluene-d8	10.40	98	662873	33.19	ug/l	-0.01
Spiked Amount			Recovery	=	66.38%	
62) 4-Bromofluorobenzene	13.55	95	291440	31.28	ug/l	0.00
Spiked Amount			Recovery	=	62.56%	

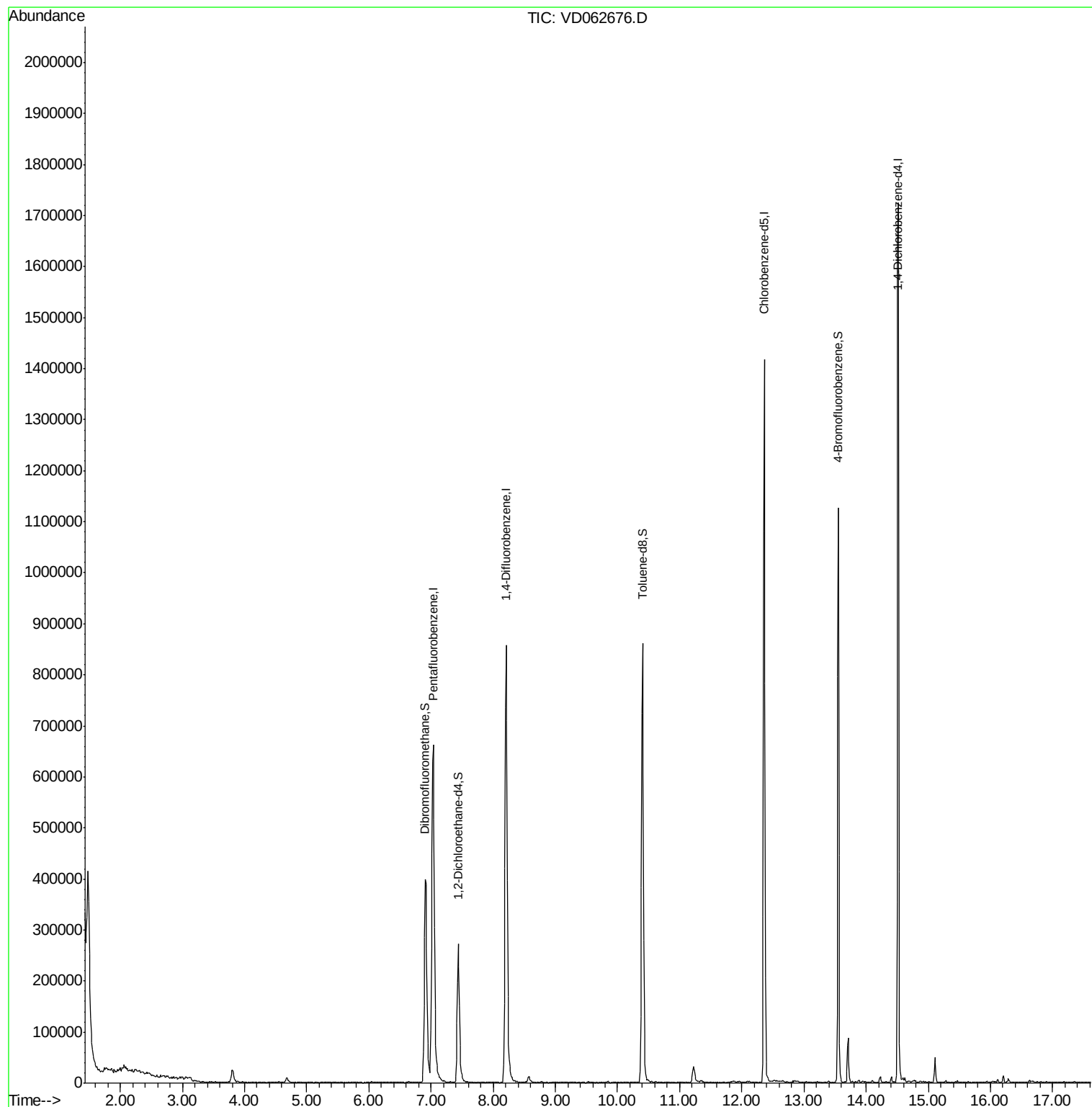
Target Compounds	Qvalue
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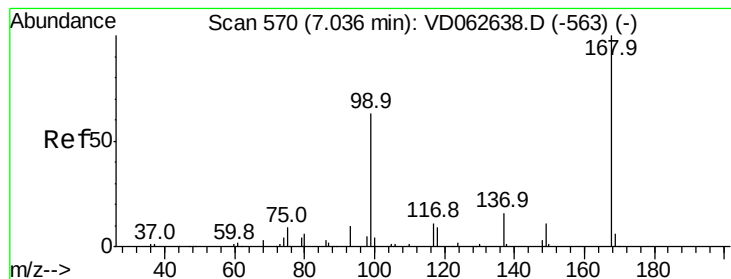
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD062676.D

Acq: 12 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

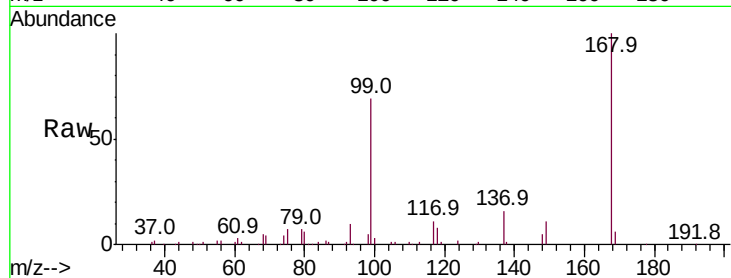
SB-8 9.5-10.0 060719RE

Tot Ion:168 Resp: 633923

Ion Ratio Lower Upper

168 100

99 68.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

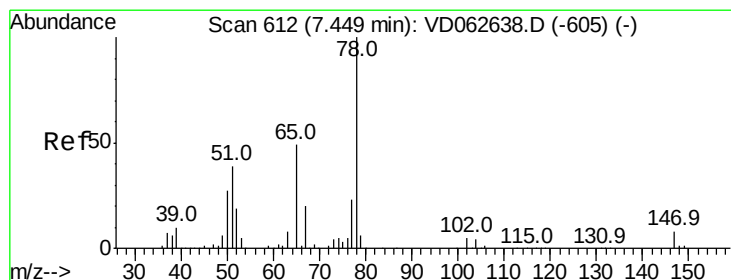
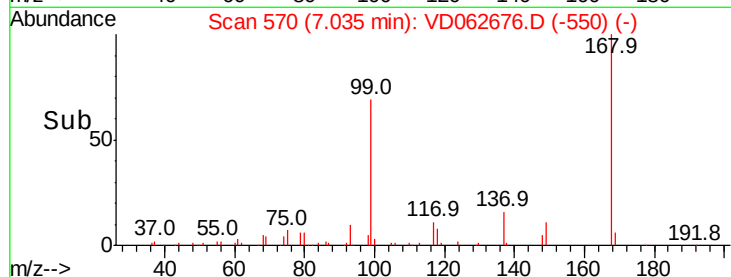
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 32.919 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD062676.D

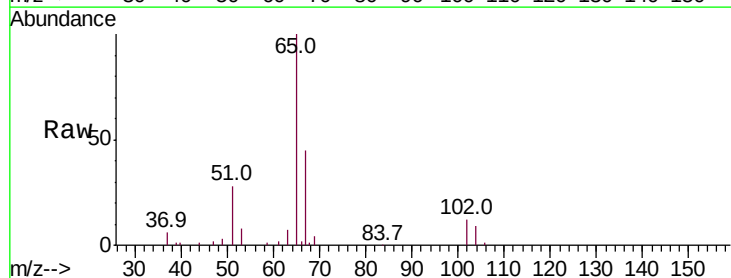
Acq: 12 Jun 2019 16:08

Tgt Ion: 65 Resp: 301124

Ion Ratio Lower Upper

65 100

67 45.4 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

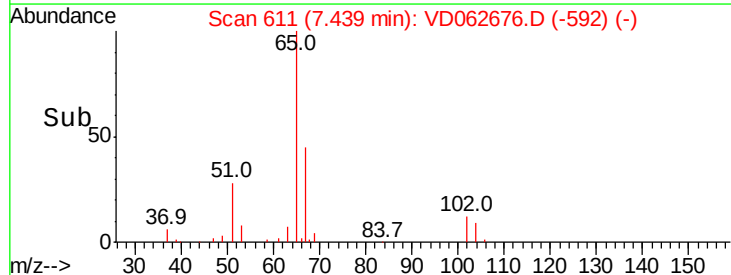
7.44

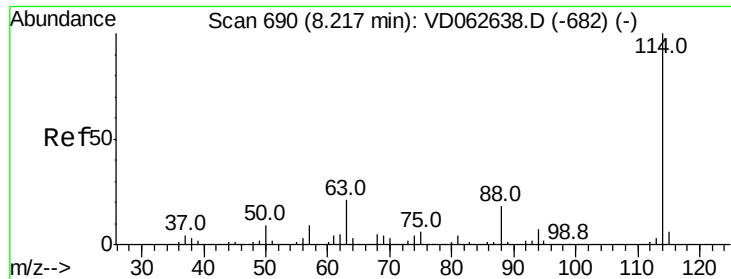
100000

50000

0

Time-->

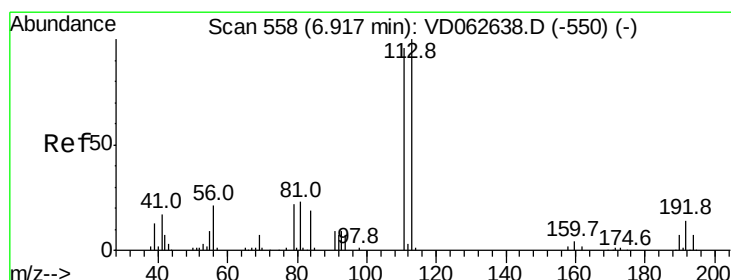
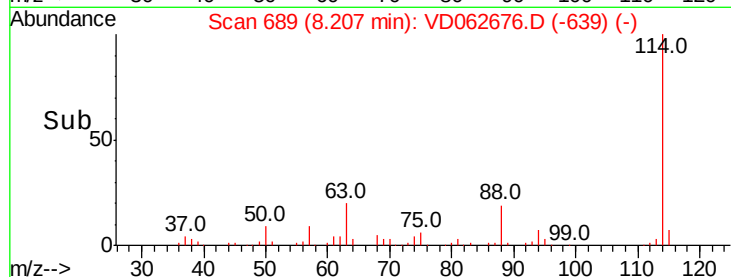
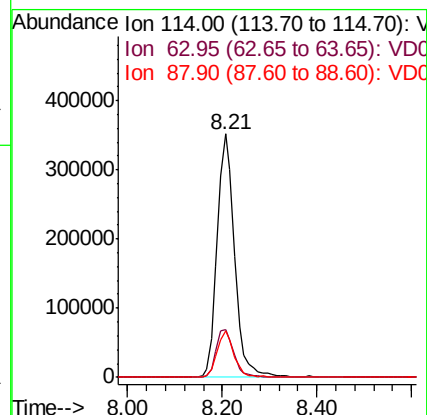
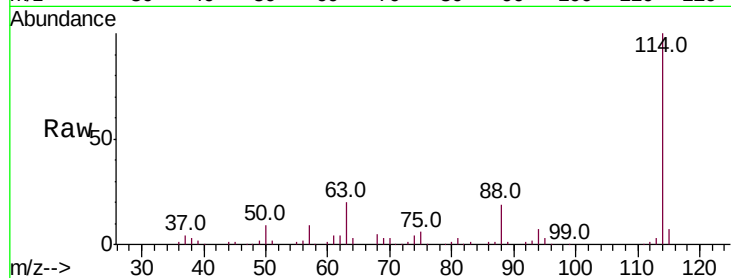




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD062676.D
 Acq: 12 Jun 2019 16:08

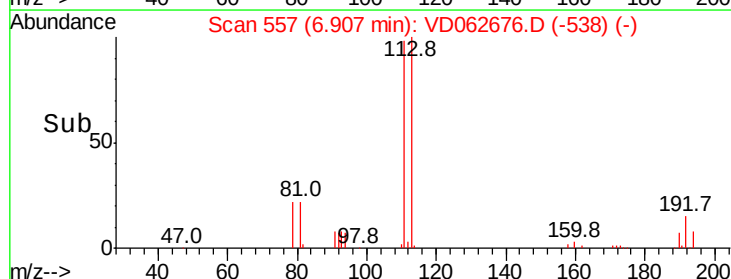
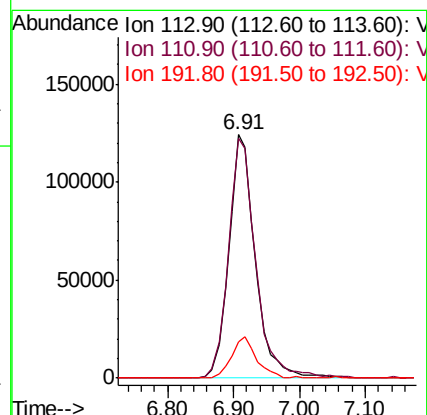
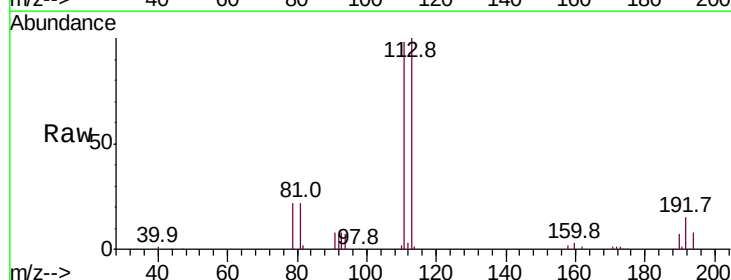
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8 9.5-10.0 060719RE

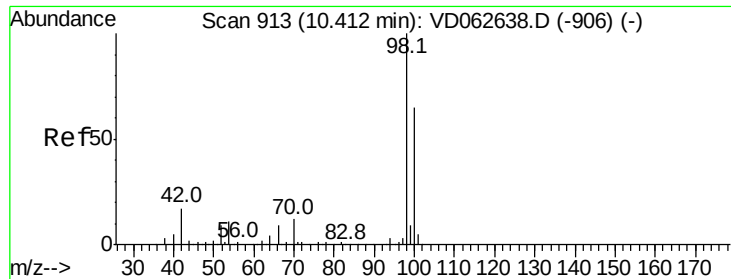
Tot Ion:	114	Resp:	900225
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.4
88	19.2	0.0	36.8



#35
 Dibromofluoromethane
 Concen: 36.763 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: VD062676.D
 Acq: 12 Jun 2019 16:08

Tgt Ion:	113	Resp:	349032
Ion	Ratio	Lower	Upper
113	100		
111	98.3	76.4	114.6
192	14.6	11.4	17.0





#50

Toluene-d8

Concen: 33.190 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062676.D

Acq: 12 Jun 2019 16:08

Instrument :

MSVOA_D

ClientSampleId :

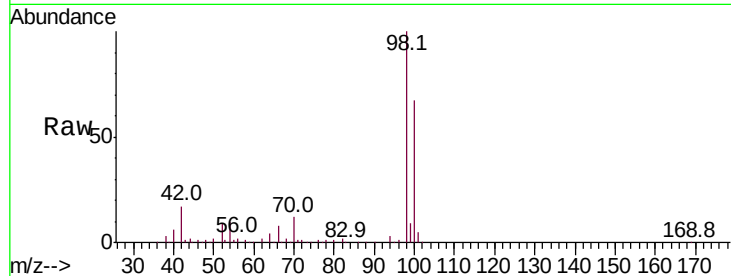
SB-8 9.5-10.0_060719RE

Tot Ion: 98 Resp: 662873

Ion Ratio Lower Upper

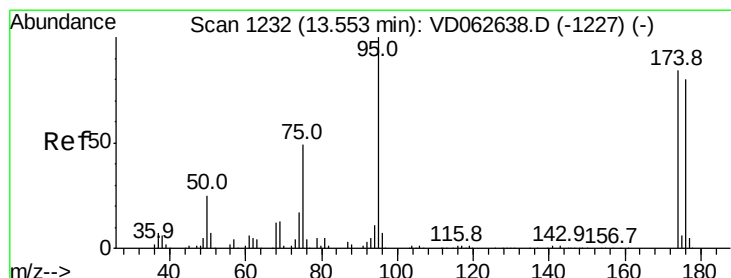
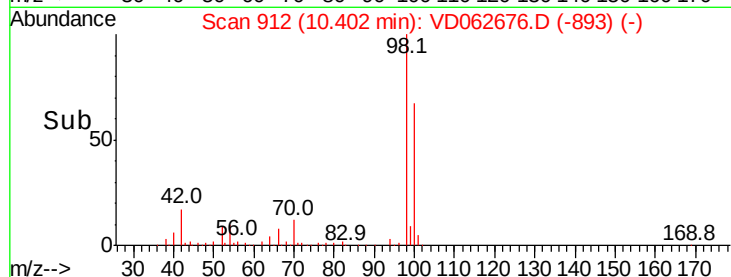
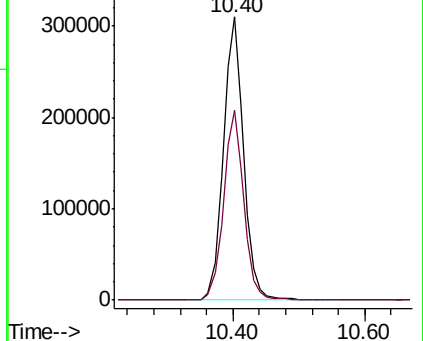
98 100

100 67.1 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: 31.278 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062676.D

Acq: 12 Jun 2019 16:08

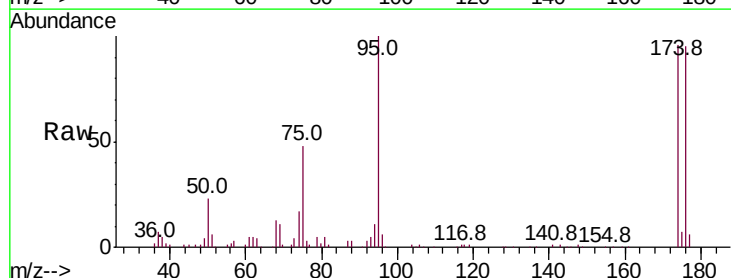
Tgt Ion: 95 Resp: 291440

Ion Ratio Lower Upper

95 100

174 96.0 0.0 167.0

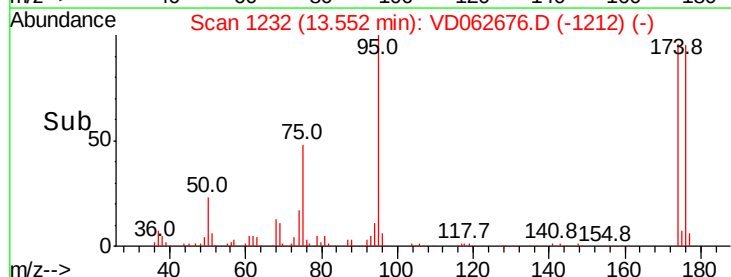
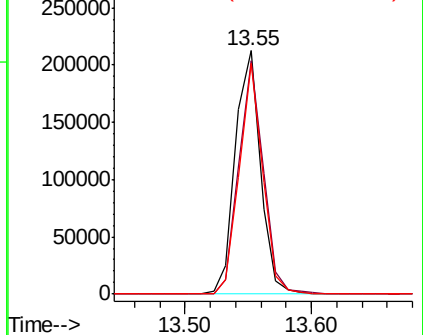
176 94.9 0.0 159.2

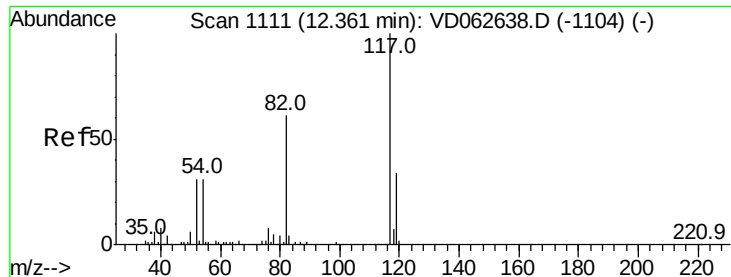


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

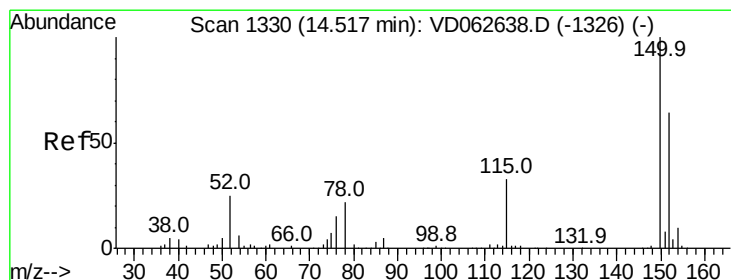
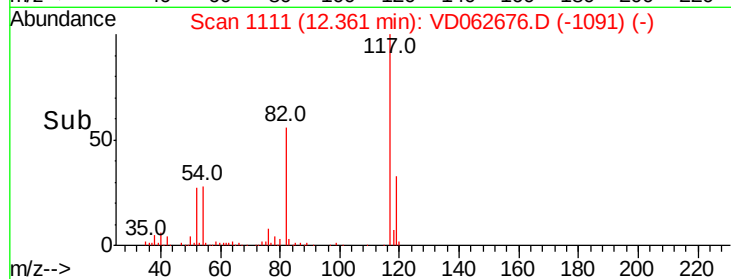
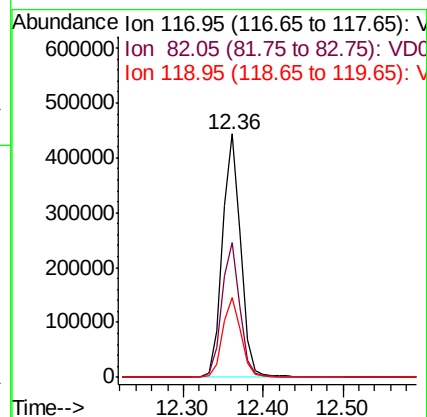
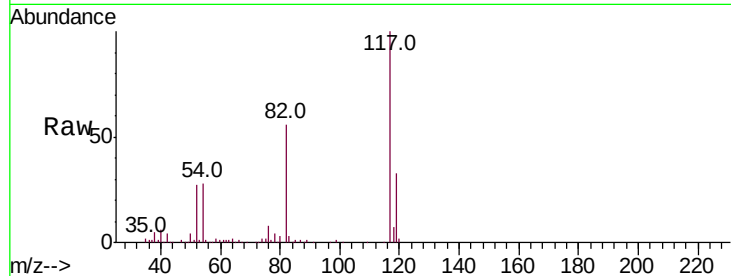




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062676.D
Acq: 12 Jun 2019 16:08

Instrument :
MSVOA_D
ClientSampleId :
SB-8 9.5-10.0 060719RE

Tot Ion:117 Resp: 719344
Ion Ratio Lower Upper
117 100
82 55.6 48.7 73.1
119 32.8 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: VD062676.D
Acq: 12 Jun 2019 16:08

Tgt Ion:152 Resp: 413077
Ion Ratio Lower Upper
152 100
115 53.9 30.1 90.5
150 150.4 0.0 314.0

