

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062773.D
 Acq On : 19 Jun 2019 4:39
 Operator : VA/AP
 Sample : K3157-05
 Misc : 6.65g/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-061719-C

Quant Time: Jun 19 07:24:46 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	652581	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	970012	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	597635	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	257209	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	440437	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
35) Dibromofluoromethane	6.93	113	408824	39.96	ug/l	0.02
Spiked Amount	50.000		Recovery	=	79.92%	
50) Toluene-d8	10.42	98	625378	29.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.12%	
62) 4-Bromofluorobenzene	13.56	95	291519	29.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.08%	

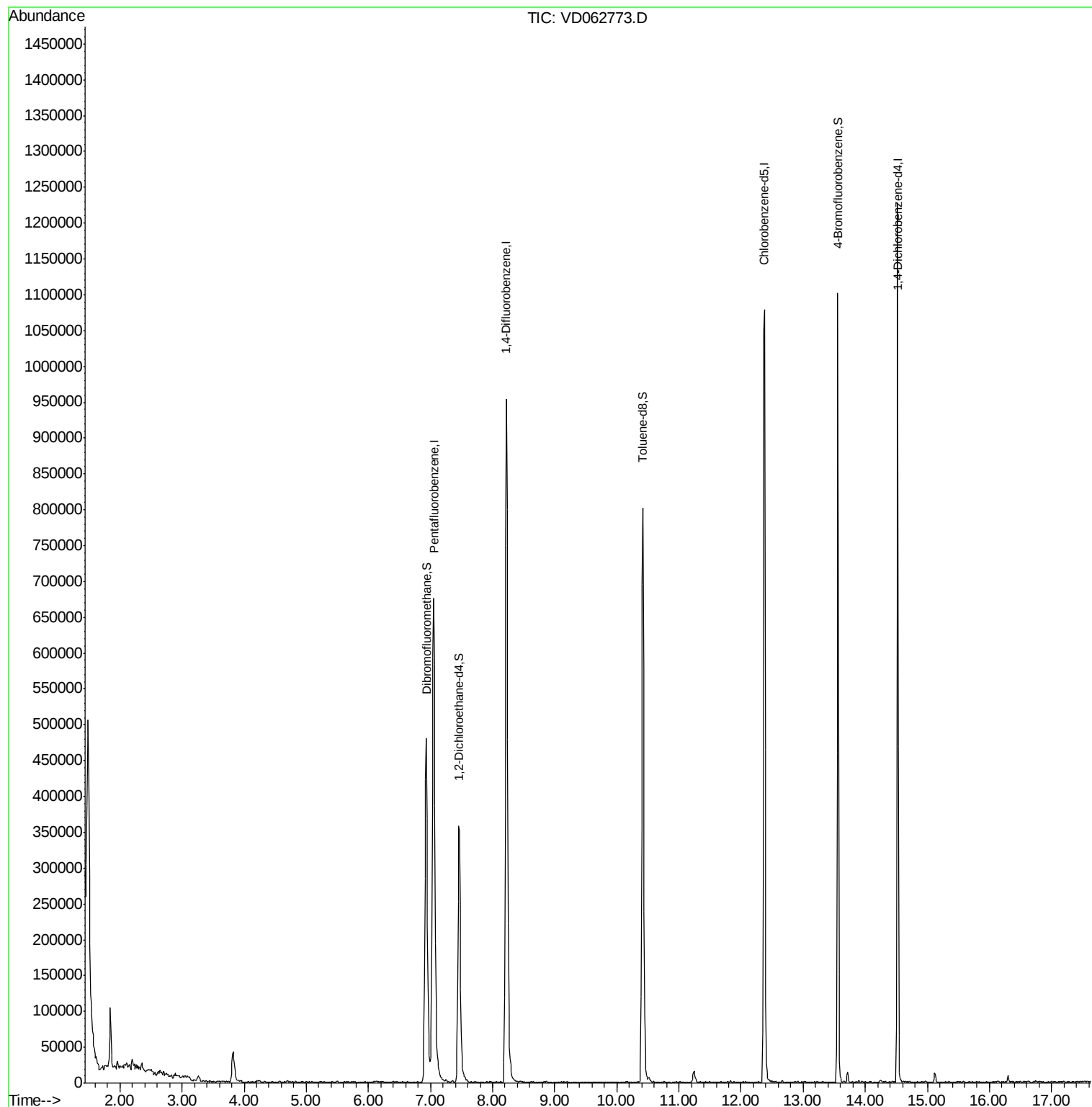
Target Compounds	Qvalue
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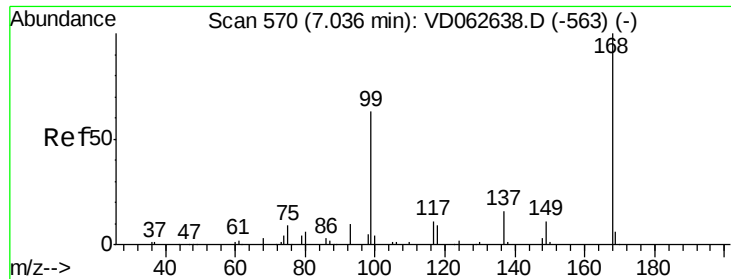
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 08 00:02:21 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062773.D

Acq: 19 Jun 2019 4:39

Instrument :

MSVOA_D

ClientSampleId :

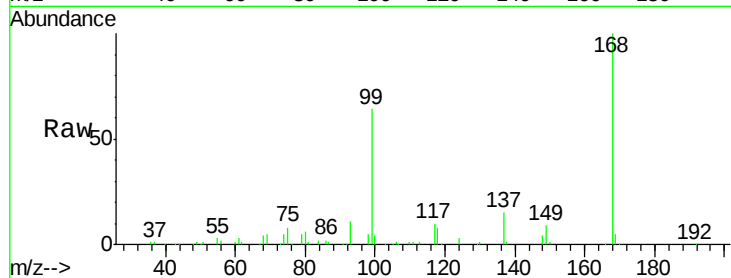
CL-01-061719-C

Tot Ion:168 Resp: 652581

Ion Ratio Lower Upper

168 100

99 64.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

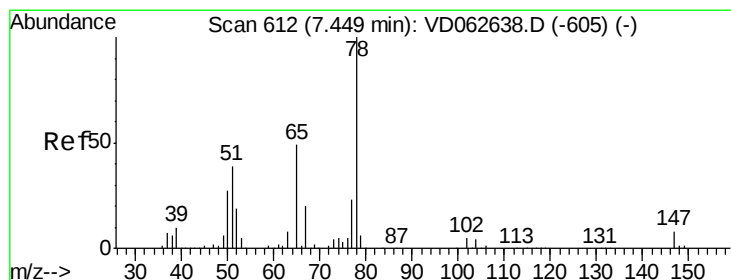
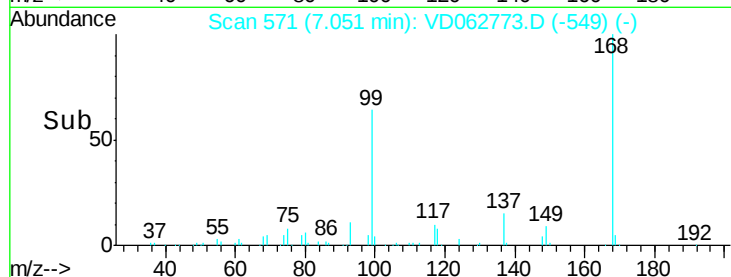
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.772 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD062773.D

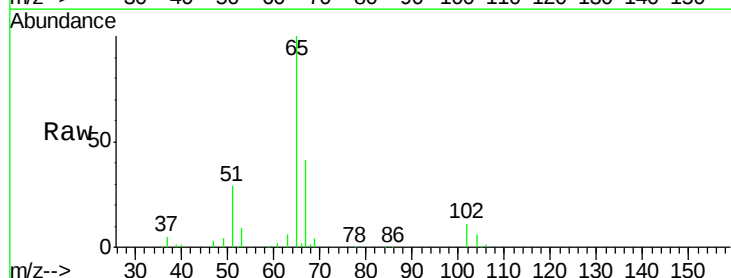
Acq: 19 Jun 2019 4:39

Tgt Ion: 65 Resp: 440437

Ion Ratio Lower Upper

65 100

67 41.0 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

150000

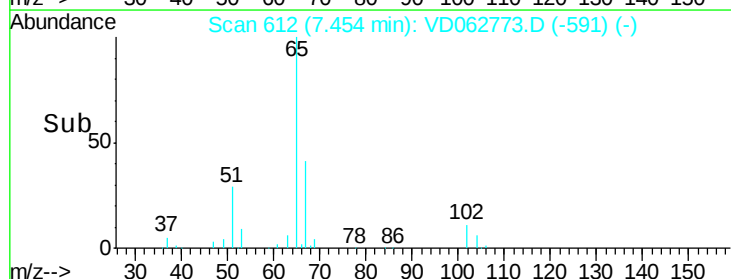
100000

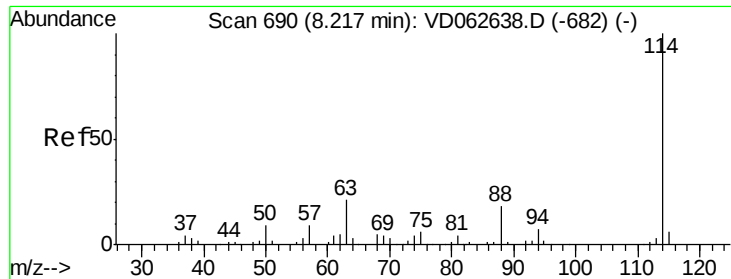
50000

0

7.30 7.40 7.50 7.60

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD062773.D

Acq: 19 Jun 2019 4:39

Instrument :

MSVOA_D

ClientSampleId :

CL-01-061719-C

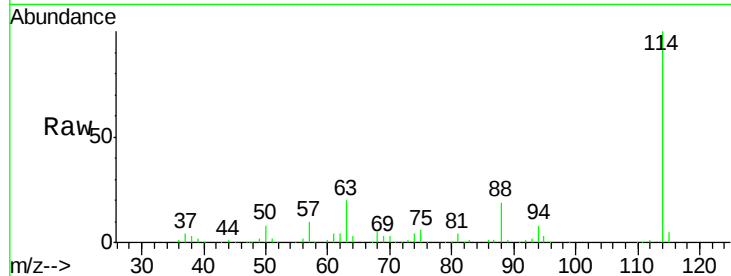
Tot Ion:114 Resp: 970012

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

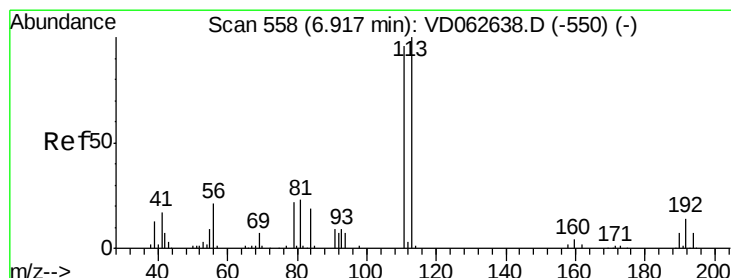
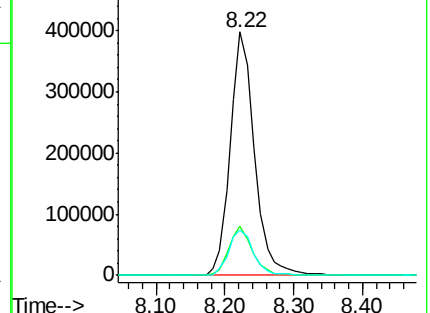
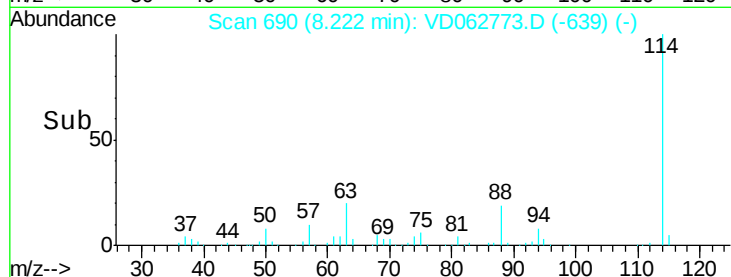
88 18.5 0.0 36.8



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: 39.963 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD062773.D

Acq: 19 Jun 2019 4:39

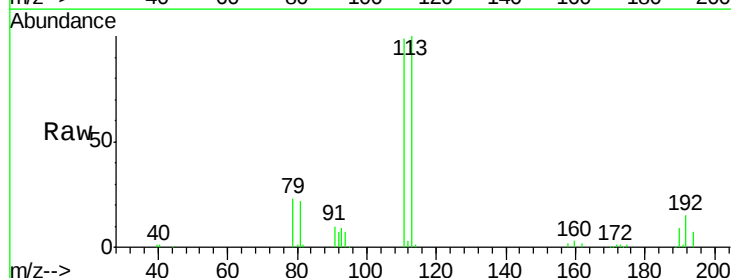
Tgt Ion:113 Resp: 408824

Ion Ratio Lower Upper

113 100

111 99.3 76.4 114.6

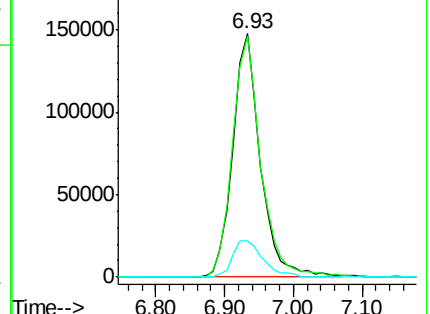
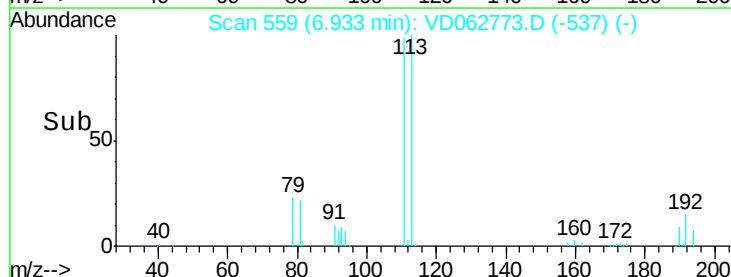
192 14.8 11.4 17.0

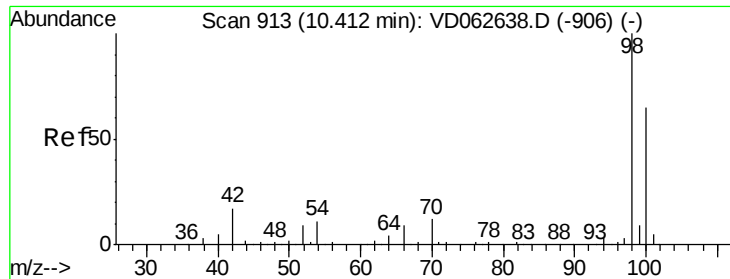


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 29.060 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062773.D

Acq: 19 Jun 2019 4:39

Instrument :

MSVOA_D

ClientSampleId :

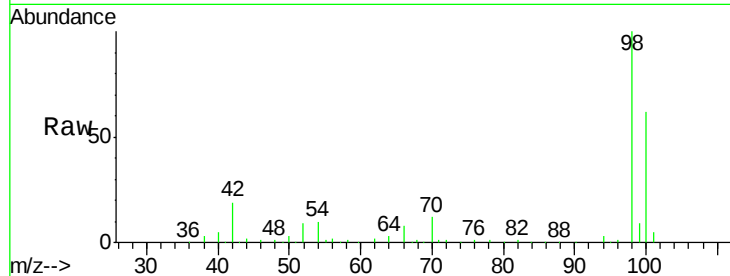
CL-01-061719-C

Tot Ion: 98 Resp: 625378

Ion Ratio Lower Upper

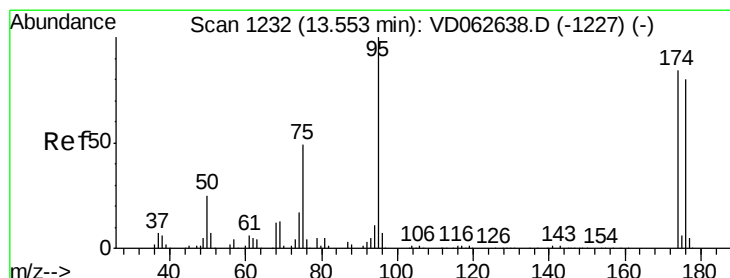
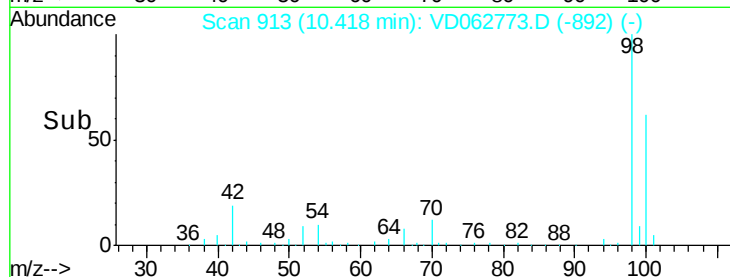
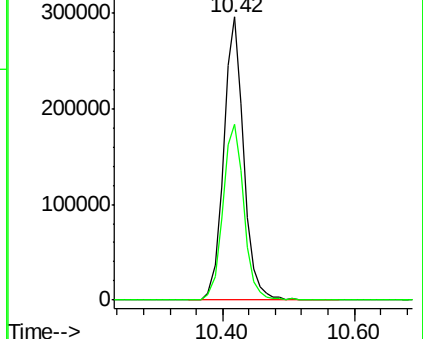
98 100

100 62.0 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: 29.036 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062773.D

Acq: 19 Jun 2019 4:39

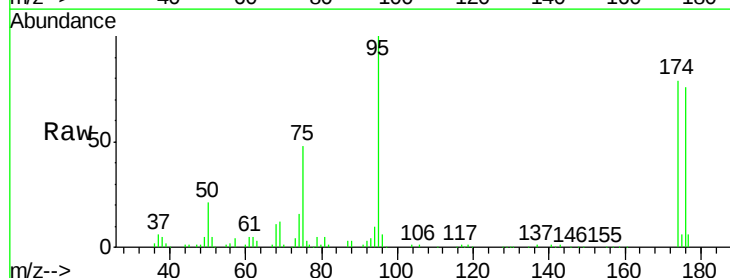
Tgt Ion: 95 Resp: 291519

Ion Ratio Lower Upper

95 100

174 79.1 0.0 167.0

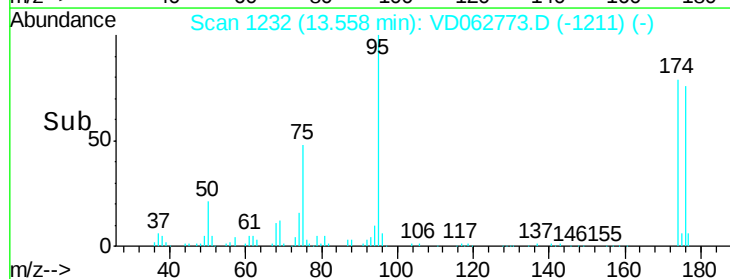
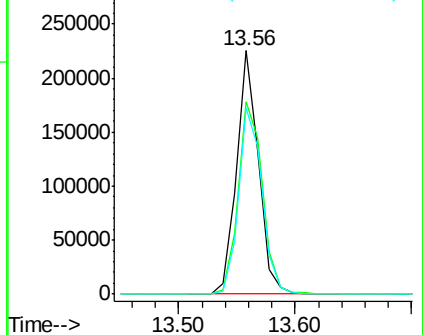
176 76.4 0.0 159.2

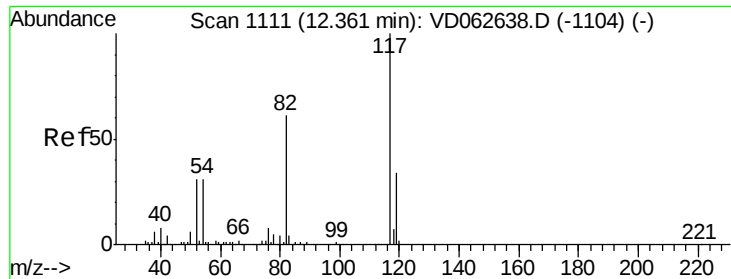


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

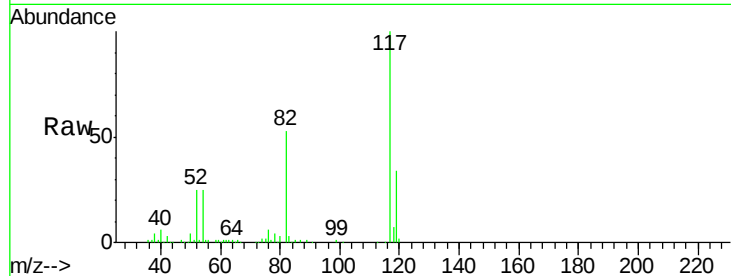




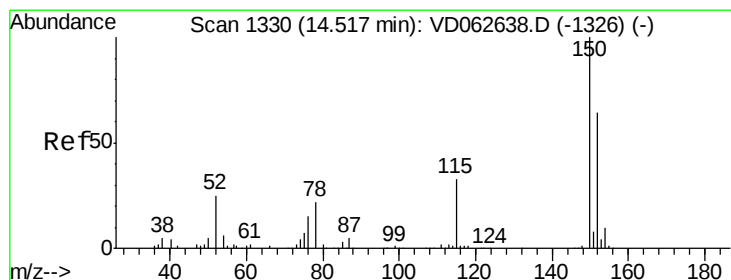
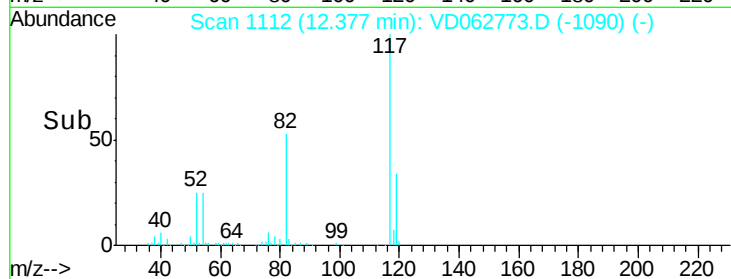
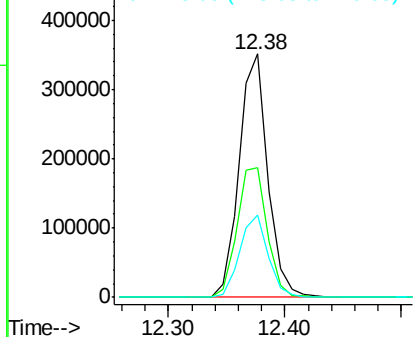
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD062773.D
Acq: 19 Jun 2019 4:39

Instrument :
MSVOA_D
ClientSampleId :
CL-01-061719-C

Tot Ion:117 Resp: 597635
Ion Ratio Lower Upper
117 100
82 53.1 48.7 73.1
119 33.9 27.0 40.6

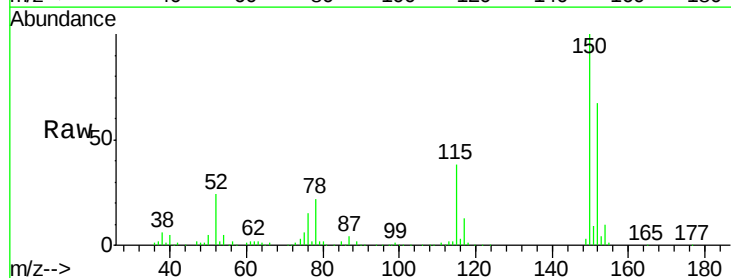


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD062773.D
Acq: 19 Jun 2019 4:39

Tgt Ion:152 Resp: 257209
Ion Ratio Lower Upper
152 100
115 56.4 30.1 90.5
150 149.2 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

