

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061819\
 Data File : VD062772.D
 Acq On : 19 Jun 2019 4:12
 Operator : VA/AP
 Sample : K3157-03
 Misc : 5.71g/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Jun 19 07:23:08 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

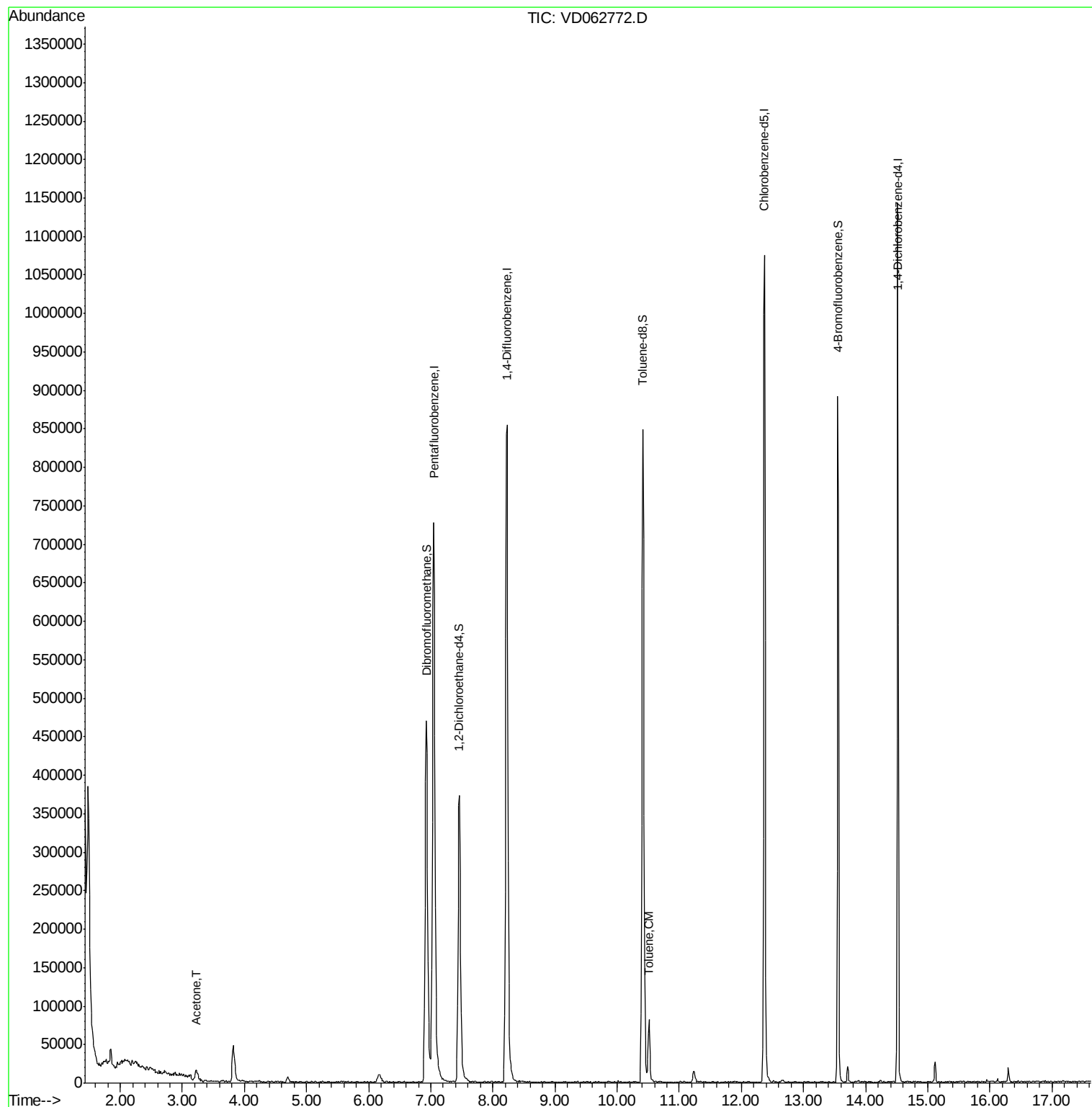
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	674068	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	932520	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	584944	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	222441	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	438510	45.08	ug/l	0.01
Spiked Amount 50.000			Recovery	=	90.16%	
35) Dibromofluoromethane	6.93	113	412025	41.90	ug/l	0.01
Spiked Amount 50.000			Recovery	=	83.80%	
50) Toluene-d8	10.41	98	667941	32.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.58%	
62) 4-Bromofluorobenzene	13.55	95	250091	25.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.82%	
Target Compounds						
16) Acetone	3.23	43	32956	18.503	ug/l	96
52) Toluene	10.51	92	41435	2.958	ug/l	84

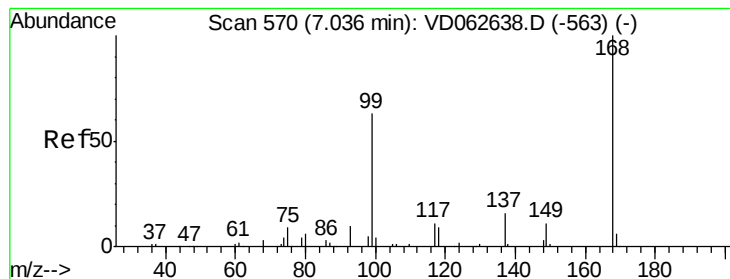
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD062772.D

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Instrument :

MSVOA_D

ClientSampleId :

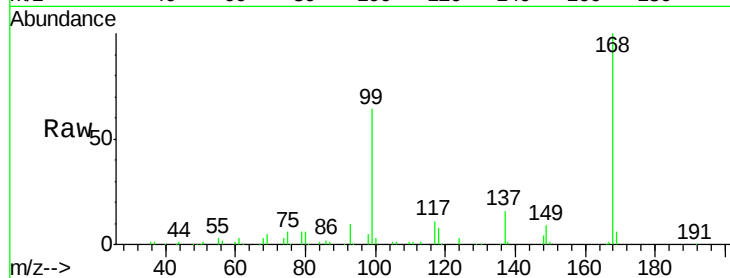
CL-01-061719-B

Tot Ion:168 Resp: 674068

Ion Ratio Lower Upper

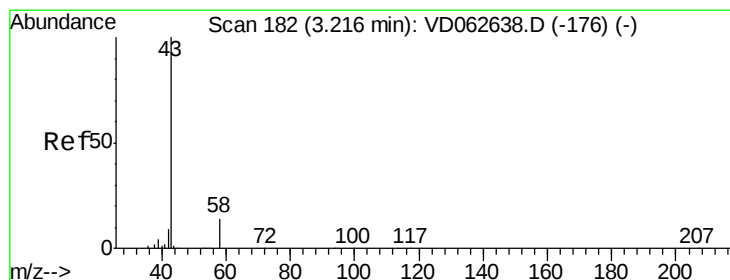
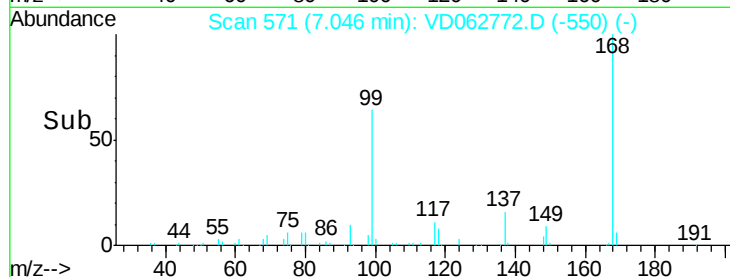
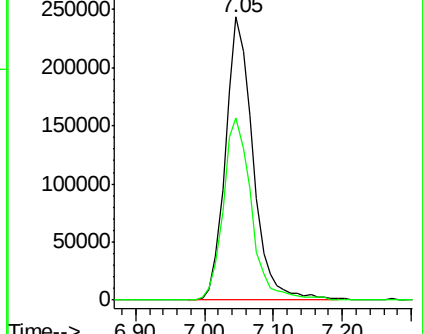
168 100

99 64.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 18.503 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD062772.D

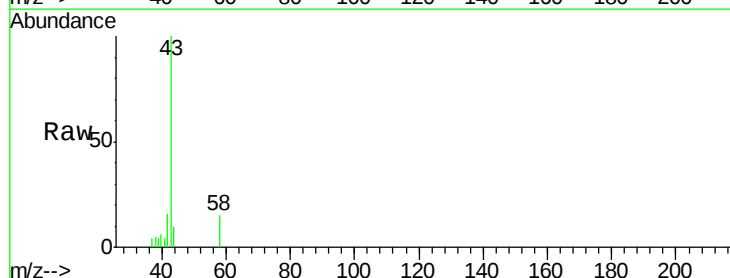
Acq: 19 Jun 2019 4:12

Tgt Ion: 43 Resp: 32956

Ion Ratio Lower Upper

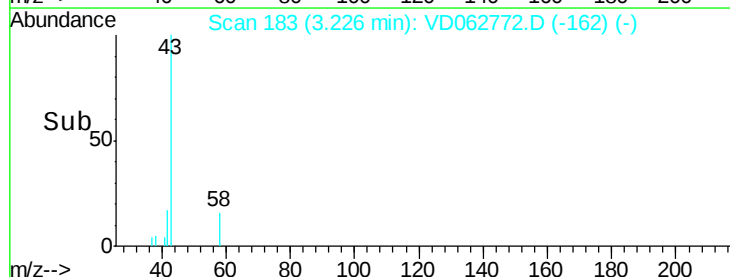
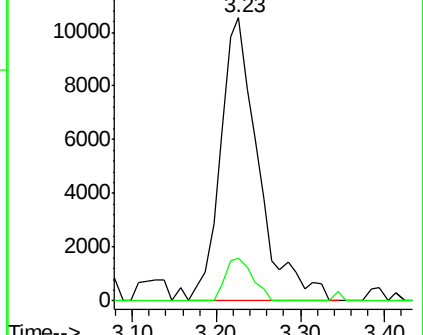
43 100

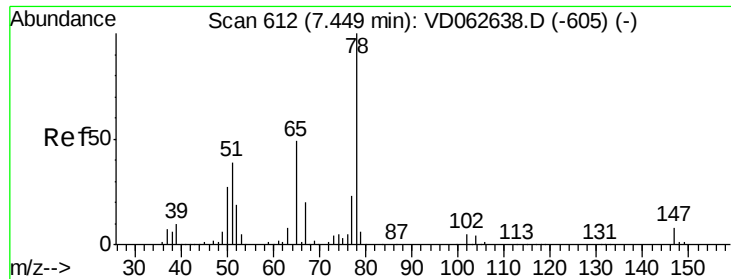
58 15.3 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 45.083 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD062772.D

Acq: 19 Jun 2019 4:12

Instrument :

MSVOA_D

ClientSampleId :

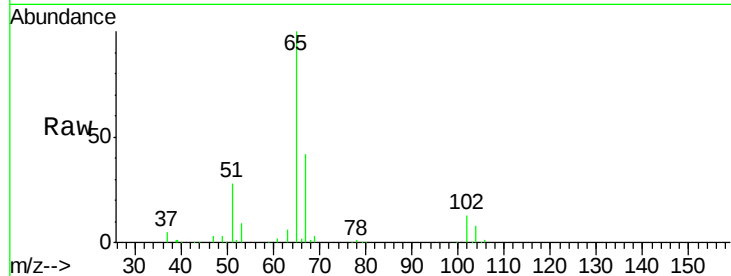
CL-01-061719-B

Tot Ion: 65 Resp: 438510

Ion Ratio Lower Upper

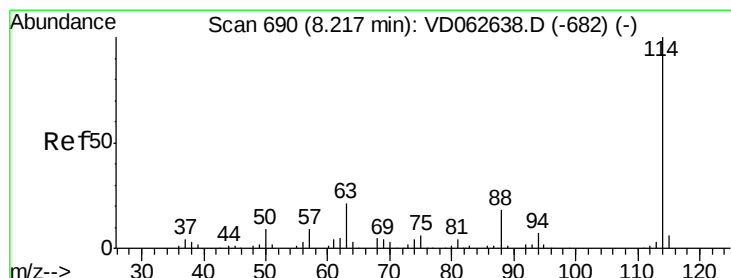
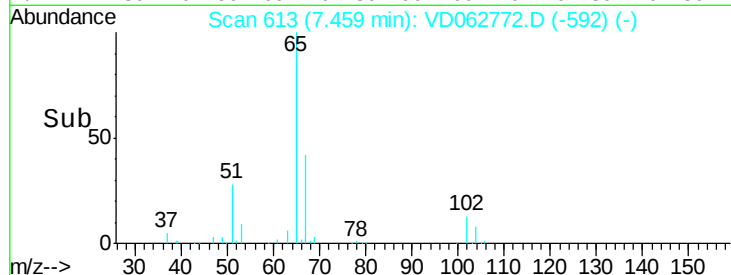
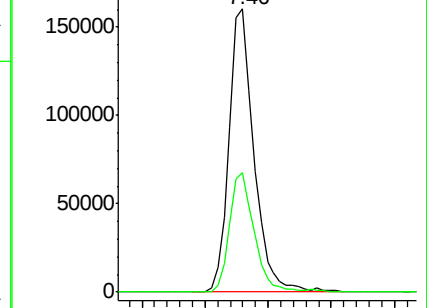
65 100

67 42.4 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: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062772.D

Acq: 19 Jun 2019 4:12

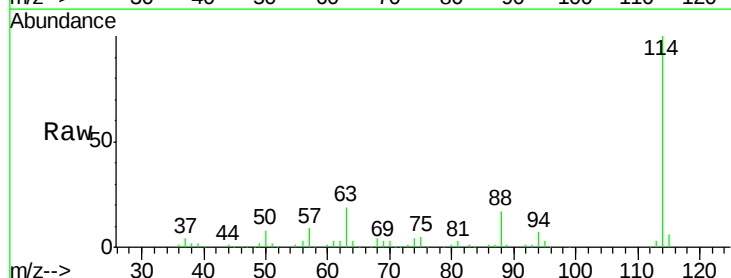
Tgt Ion: 114 Resp: 932520

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

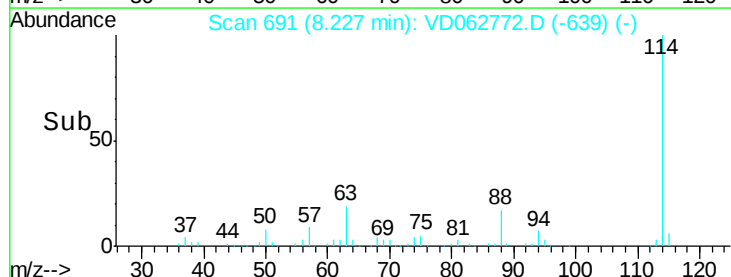
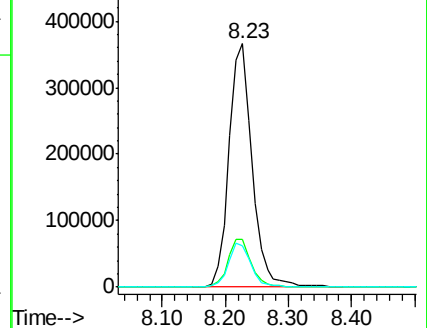
88 17.2 0.0 36.8

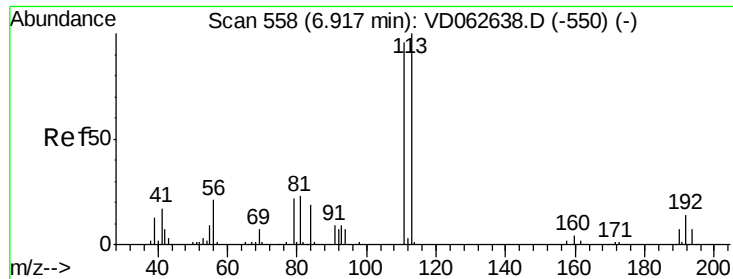


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 41.895 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD062772.D

Acq: 19 Jun 2019 4:12

Instrument :

MSVOA_D

ClientSampleId :

CL-01-061719-B

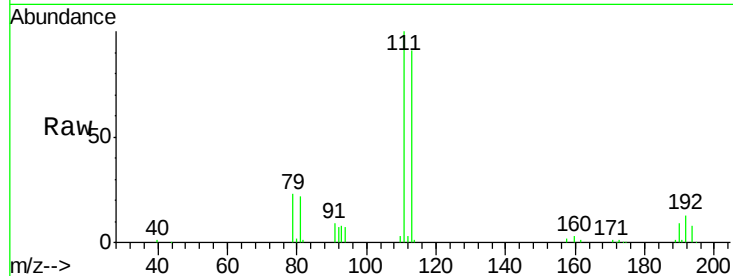
Tot Ion:113 Resp: 412025

Ion Ratio Lower Upper

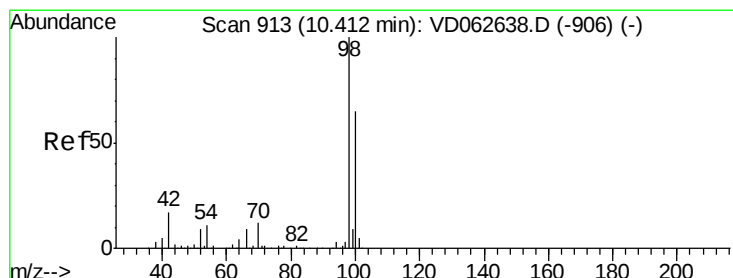
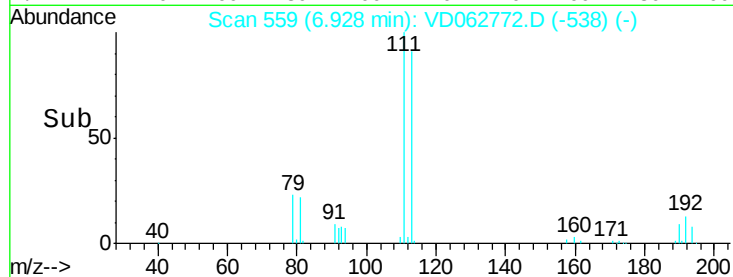
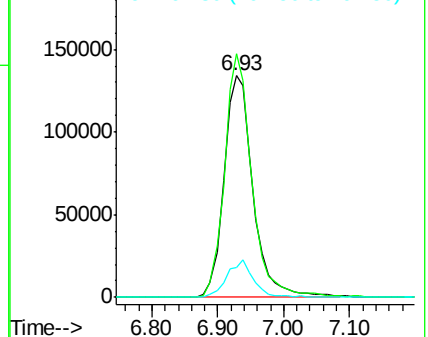
113 100

111 109.9 76.4 114.6

192 13.8 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: 32.285 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD062772.D

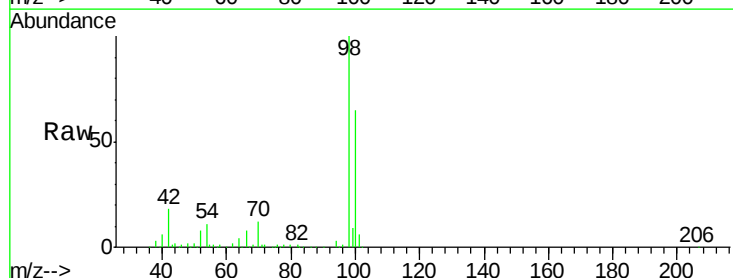
Acq: 19 Jun 2019 4:12

Tgt Ion: 98 Resp: 667941

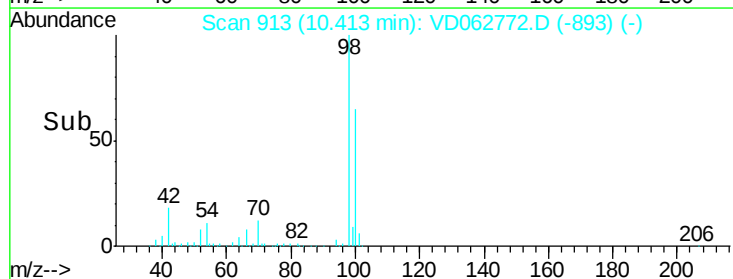
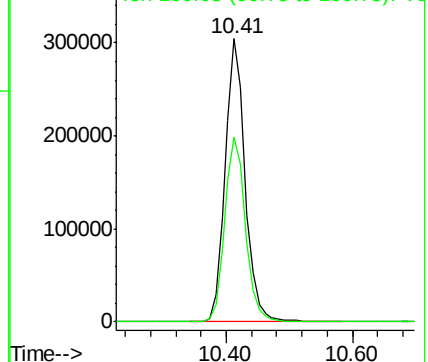
Ion Ratio Lower Upper

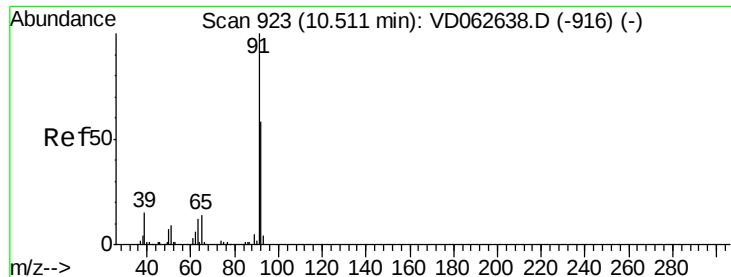
98 100

100 65.4 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 2.958 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.00 min

Lab File: VD062772.D

Acq: 19 Jun 2019 4:12

Instrument :

MSVOA_D

ClientSampleId :

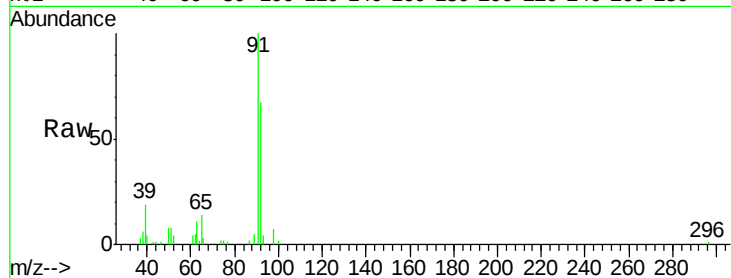
CL-01-061719-B

Tot Ion: 92 Resp: 41435

Ion Ratio Lower Upper

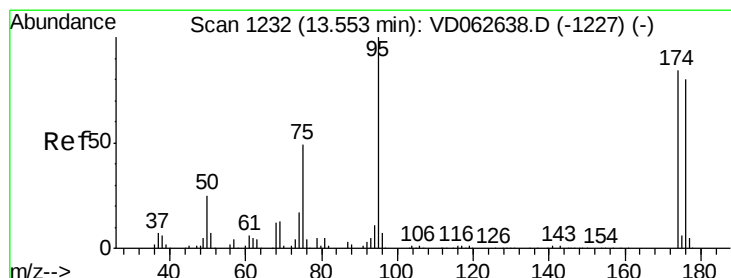
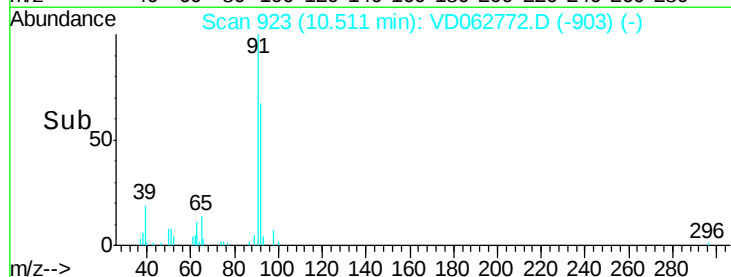
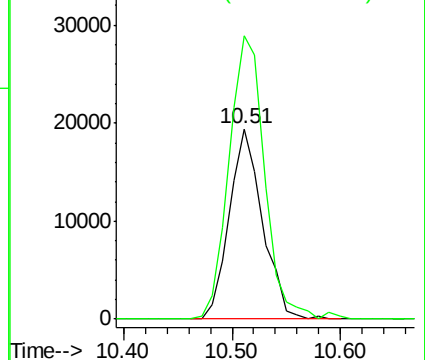
92 100

91 148.7 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 25.911 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062772.D

Acq: 19 Jun 2019 4:12

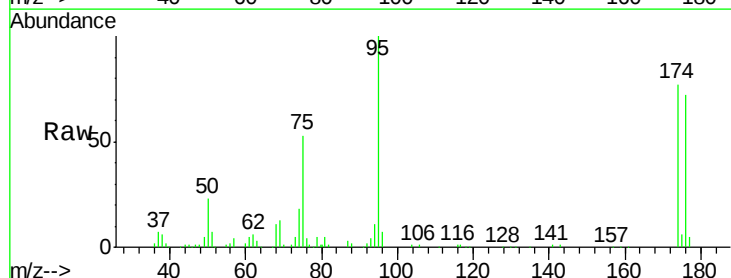
Tgt Ion: 95 Resp: 250091

Ion Ratio Lower Upper

95 100

174 76.7 0.0 167.0

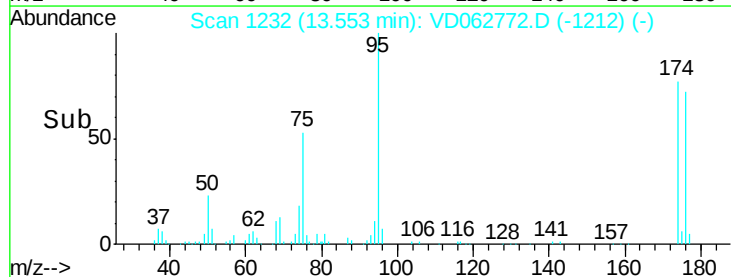
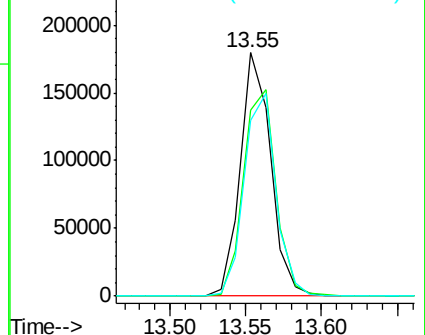
176 72.1 0.0 159.2

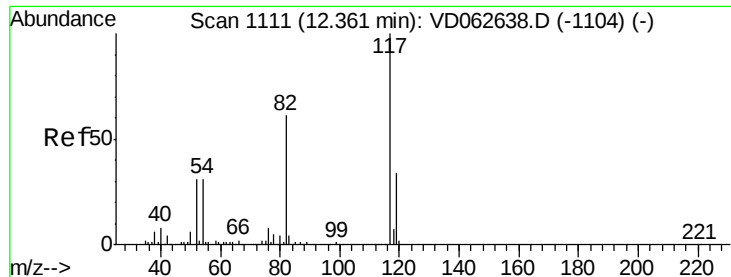


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

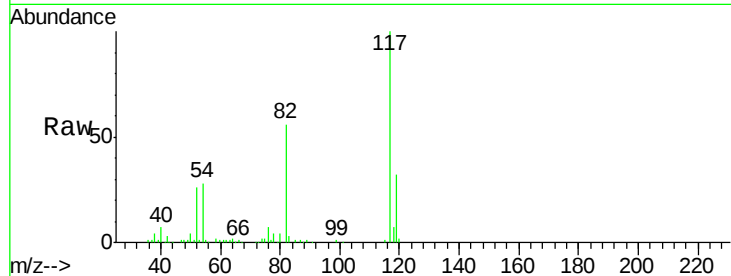




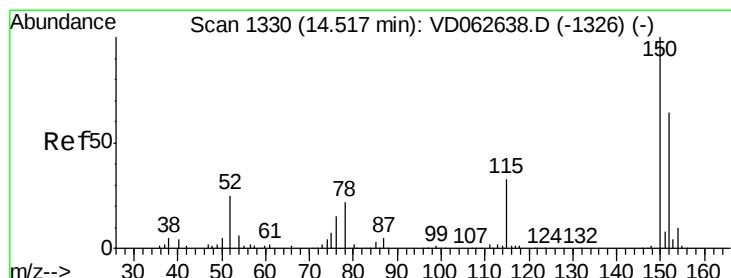
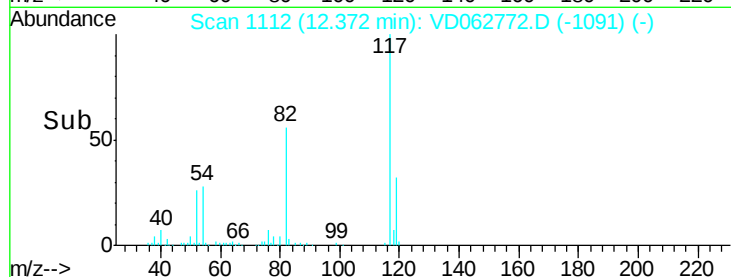
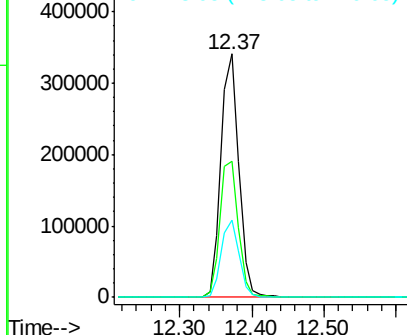
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062772.D
Acq: 19 Jun 2019 4:12

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

Tot Ion:117 Resp: 584944
Ion Ratio Lower Upper
117 100
82 55.8 48.7 73.1
119 31.8 27.0 40.6

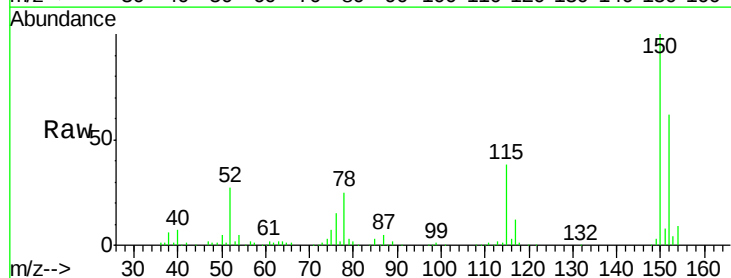


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062772.D
Acq: 19 Jun 2019 4:12

Tgt Ion:152 Resp: 222441
Ion Ratio Lower Upper
152 100
115 61.8 30.1 90.5
150 161.8 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

