

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061838.D
 Acq On : 17 Apr 2019 6:31
 Operator : VA/AP
 Sample : K2423-07
 Misc : 3.01g/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-B

Quant Time: Apr 17 07:22:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

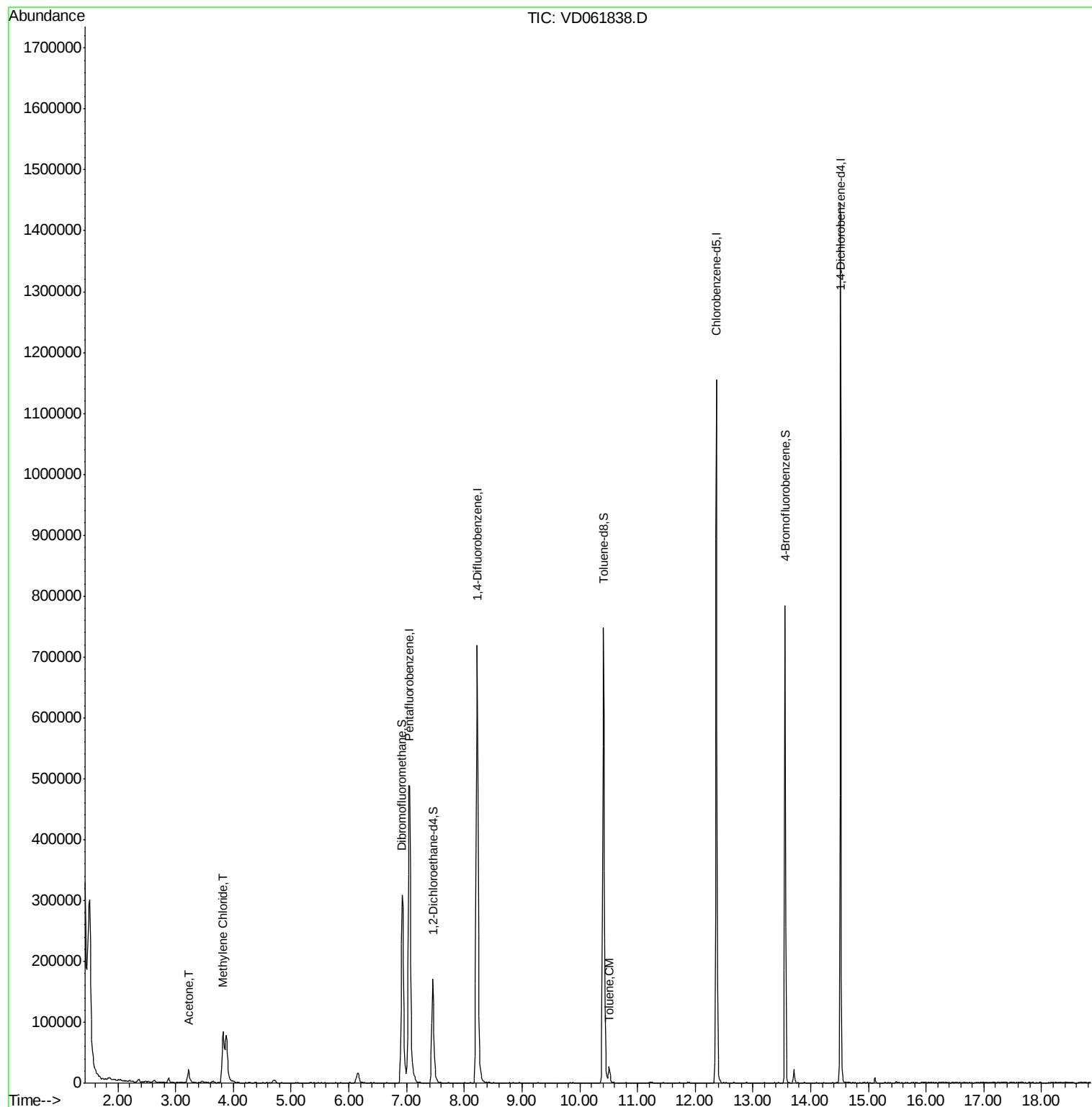
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	507865	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.22	114	833453	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.37	117	702683	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.51	152	336580	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	177885	41.79	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	83.58%	
35) Dibromofluoromethane	6.92	113	287052	45.59	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	91.18%	
50) Toluene-d8	10.41	98	651853	43.69	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	87.38%	
62) 4-Bromofluorobenzene	13.55	95	264062	43.67	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	87.34%	
Target Compounds						
16) Acetone	3.22	43	42669	40.674	ug/l	94
20) Methylene Chloride	3.82	84	67749	9.255	ug/l	97
52) Toluene	10.51	92	13869	1.324	ug/l	90

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
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QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.04 min

Lab File: VD061838.D

Acq: 17 Apr 2019 6:31

Instrument :

MSVOA_D

ClientSampleId :

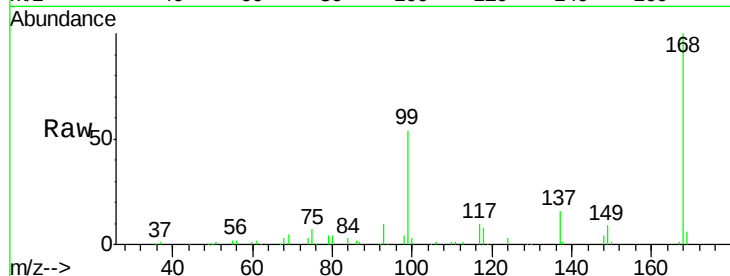
TP2-B

Tot Ion:168 Resp: 507865

Ion Ratio Lower Upper

168 100

99 53.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

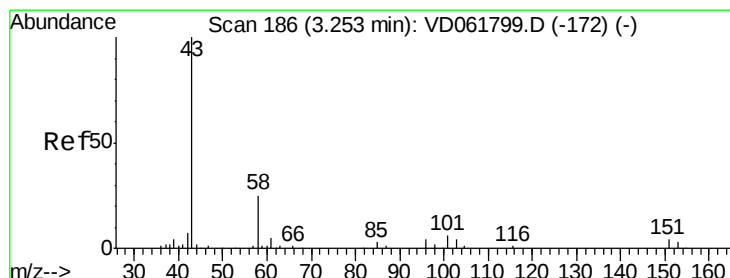
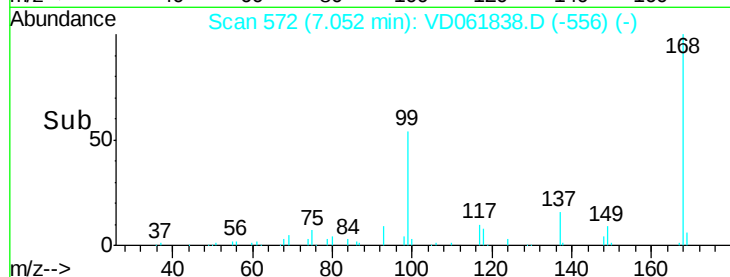
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 40.674 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.03 min

Lab File: VD061838.D

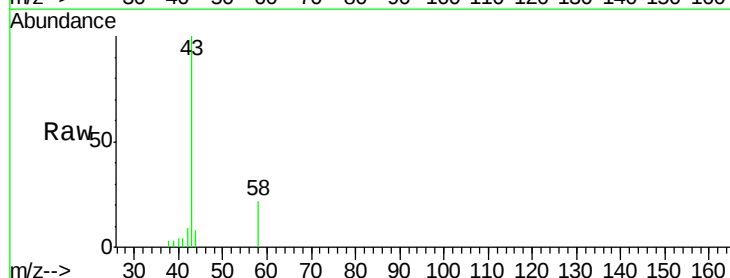
Acq: 17 Apr 2019 6:31

Tgt Ion: 43 Resp: 42669

Ion Ratio Lower Upper

43 100

58 22.0 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

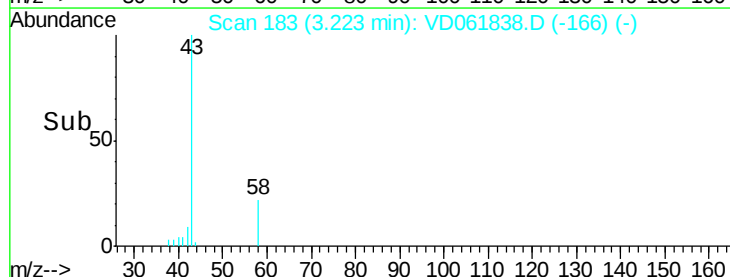
15000

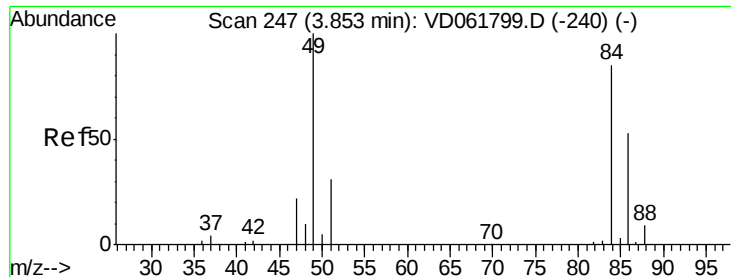
10000

5000

0

Time-->

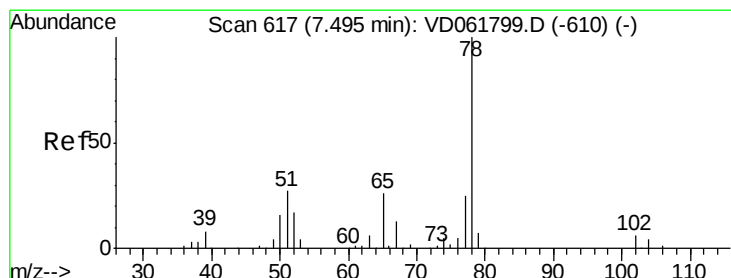
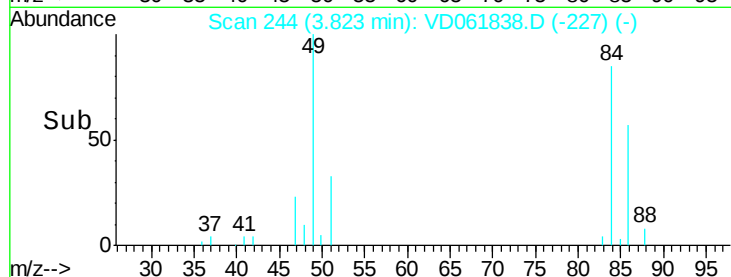
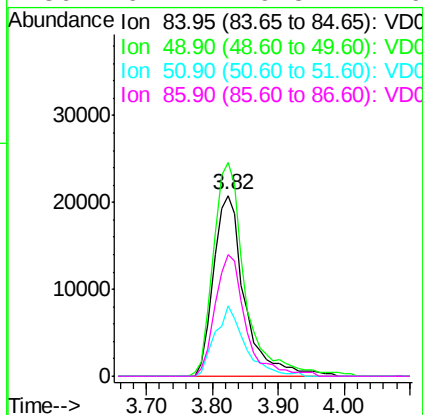
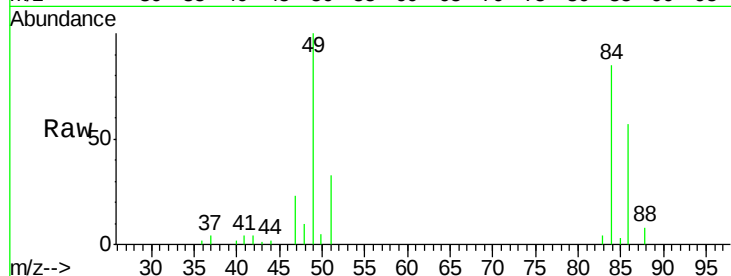




#20
Methylene Chloride
Concen: 9.255 ug/l
RT: 3.82 min Scan# 244
Delta R.T. -0.03 min
Lab File: VD061838.D
Acq: 17 Apr 2019 6:31

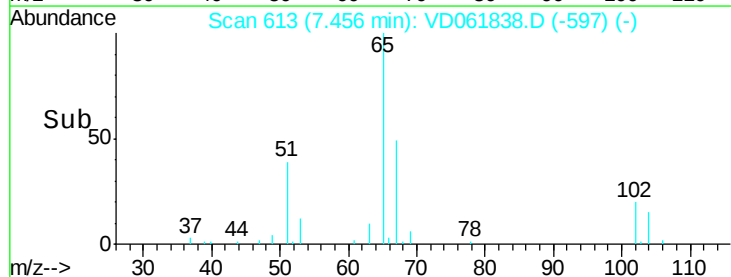
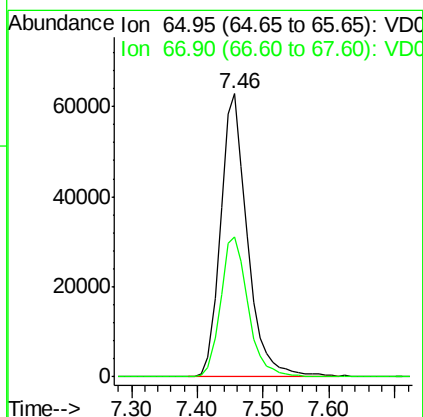
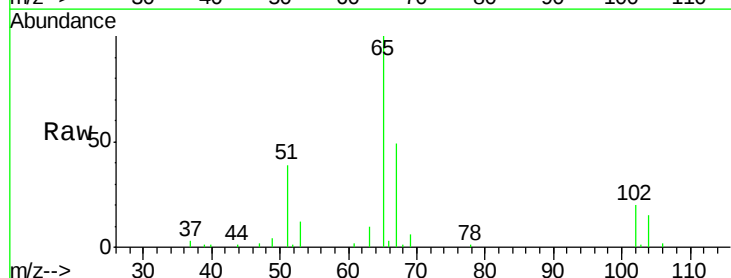
Instrument :
MSVOA_D
ClientSampled :
TP2-B

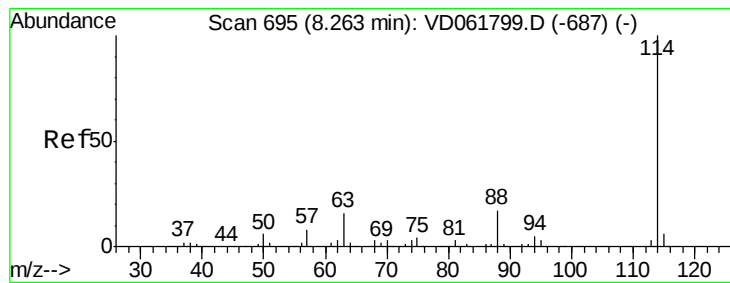
Tot Ion: 84 Resp: 67749
Ion Ratio Lower Upper
84 100
49 118.2 94.0 141.0
51 39.2 29.0 43.4
86 67.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.04 min
Lab File: VD061838.D
Acq: 17 Apr 2019 6:31

Tgt Ion: 65 Resp: 177885
Ion Ratio Lower Upper
65 100
67 49.4 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. -0.04 min

Lab File: VD061838.D

Acq: 17 Apr 2019 6:31

Instrument :

MSVOA_D

ClientSampleId :

TP2-B

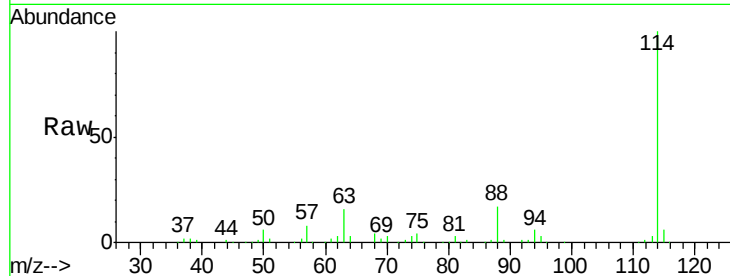
Tot Ion:114 Resp: 833453

Ion Ratio Lower Upper

114 100

63 16.1 0.0 32.4

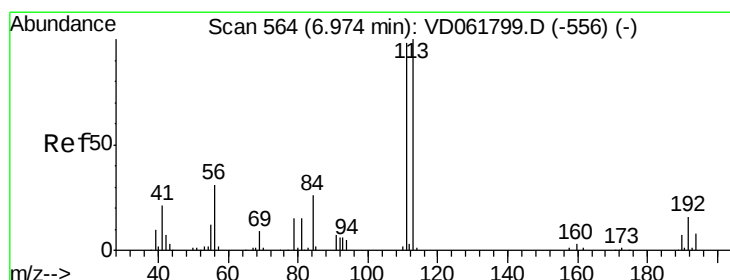
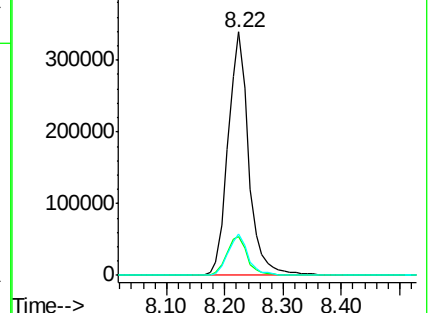
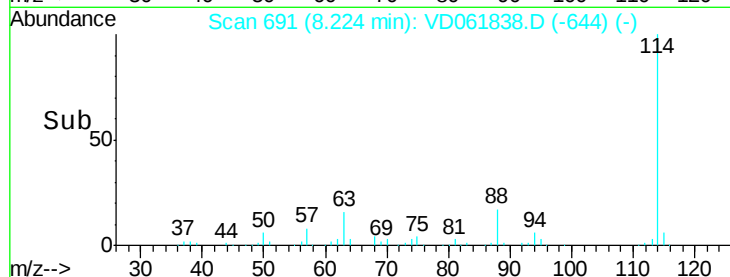
88 17.2 0.0 33.6



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: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. -0.05 min

Lab File: VD061838.D

Acq: 17 Apr 2019 6:31

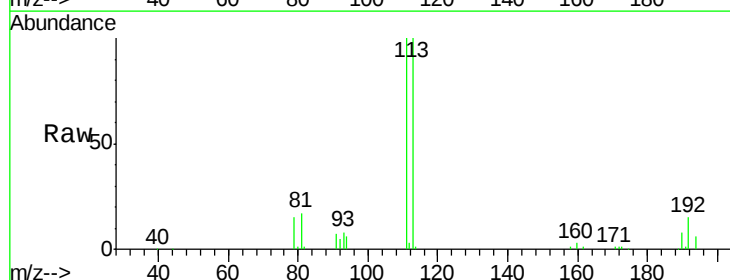
Tgt Ion:113 Resp: 287052

Ion Ratio Lower Upper

113 100

111 99.9 78.5 117.7

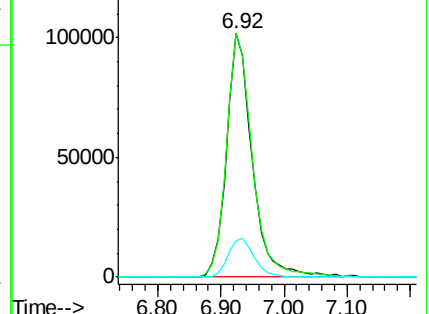
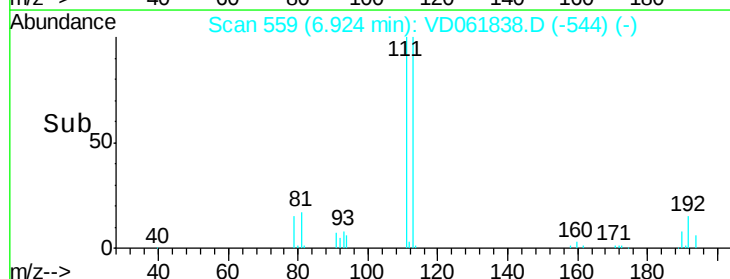
192 15.1 13.0 19.4

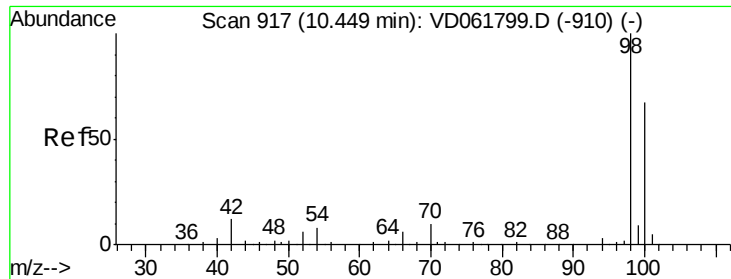


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.04 min

Lab File: VD061838.D

Acq: 17 Apr 2019 6:31

Instrument :

MSVOA_D

ClientSampleId :

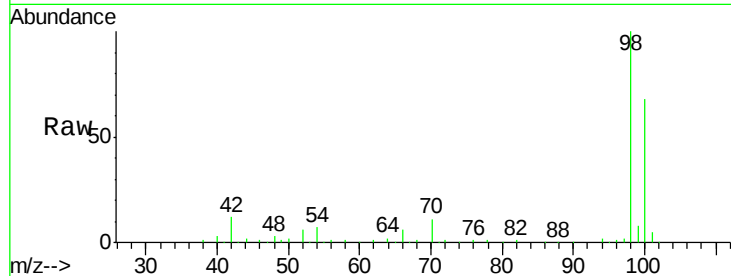
TP2-B

Tot Ion: 98 Resp: 651853

Ion Ratio Lower Upper

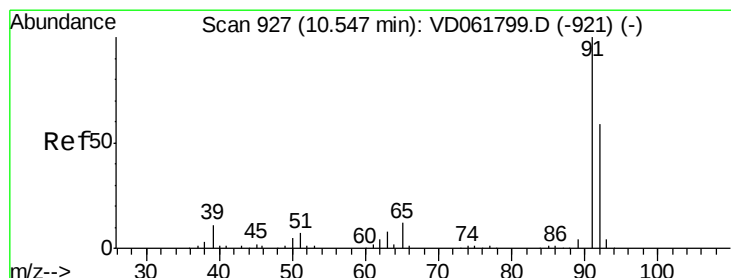
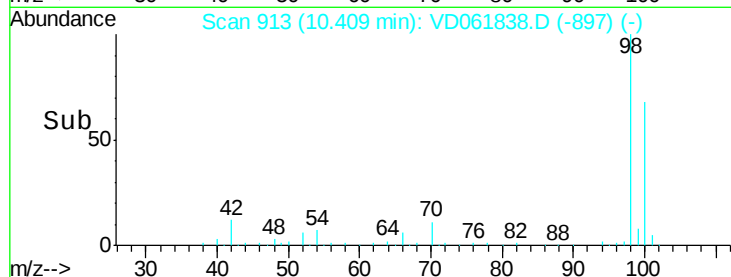
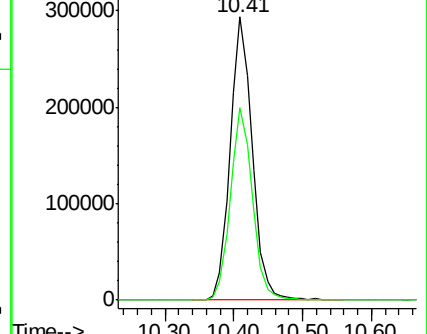
98 100

100 67.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 1.324 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.04 min

Lab File: VD061838.D

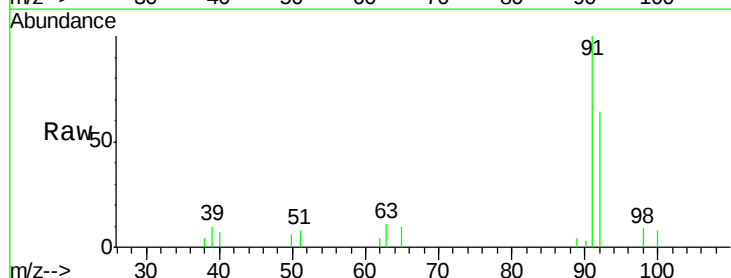
Acq: 17 Apr 2019 6:31

Tgt Ion: 92 Resp: 13869

Ion Ratio Lower Upper

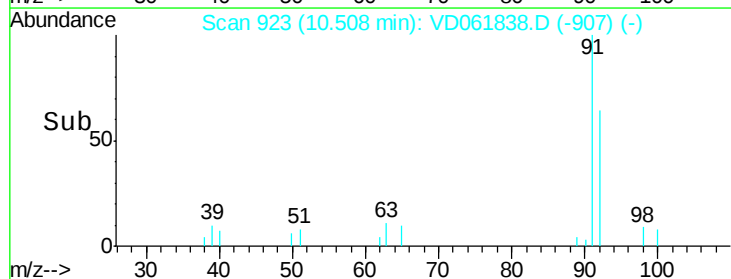
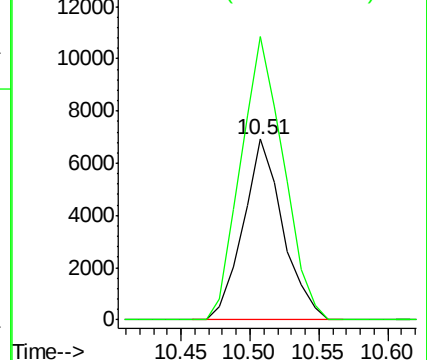
92 100

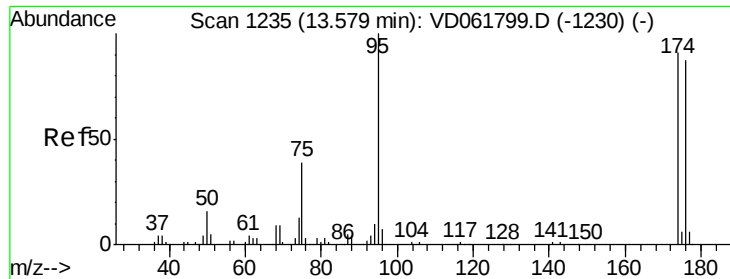
91 156.7 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.03 min

Lab File: VD061838.D

Acq: 17 Apr 2019 6:31

Instrument :

MSVOA_D

ClientSampleId :

TP2-B

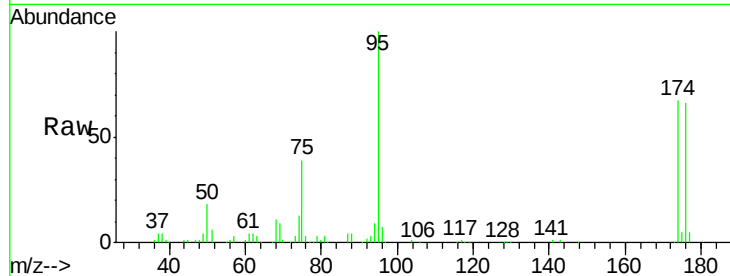
Tot Ion: 95 Resp: 264062

Ion Ratio Lower Upper

95 100

174 67.5 0.0 181.8

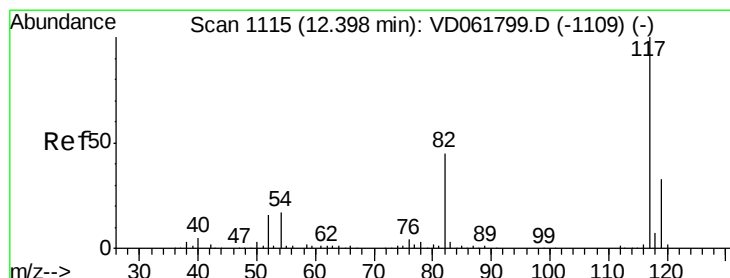
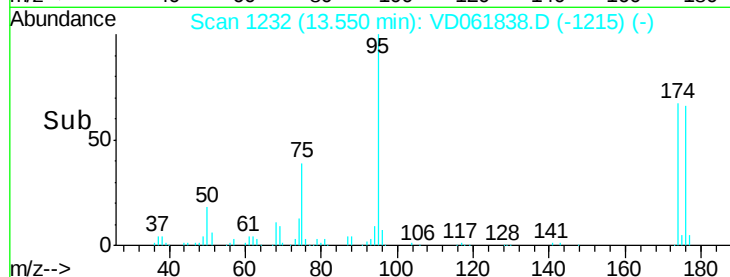
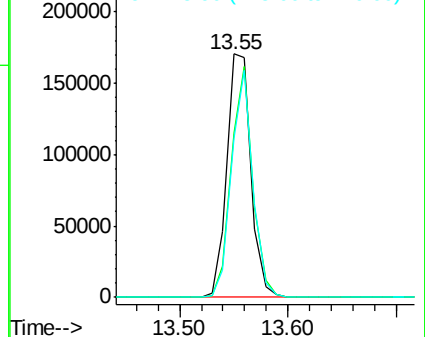
176 65.5 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

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. -0.03 min

Lab File: VD061838.D

Acq: 17 Apr 2019 6:31

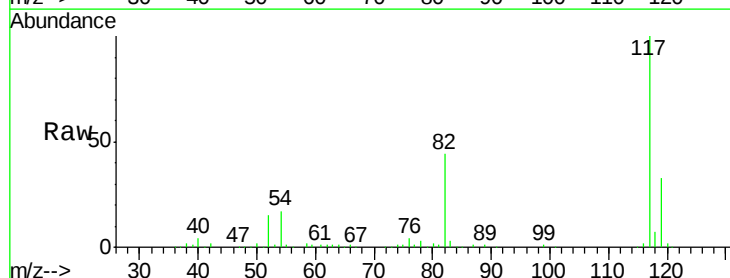
Tgt Ion: 117 Resp: 702683

Ion Ratio Lower Upper

117 100

82 43.9 36.2 54.2

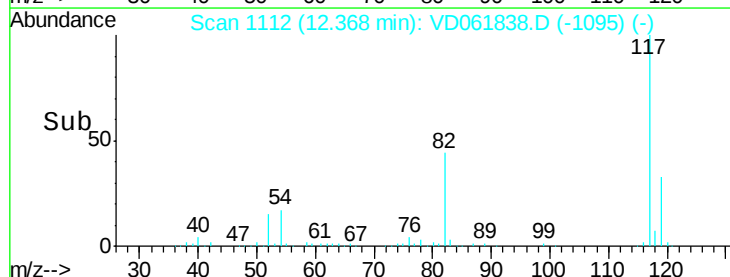
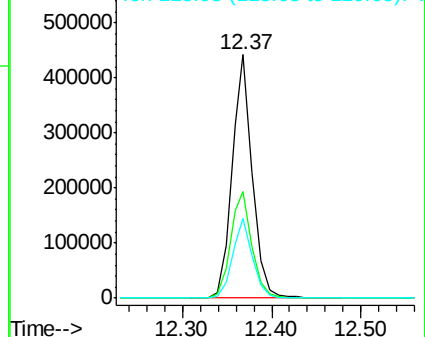
119 32.9 26.2 39.4

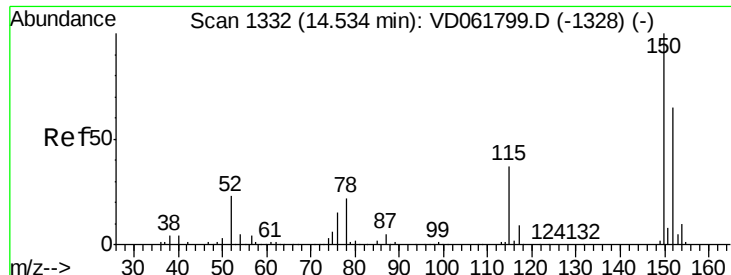


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

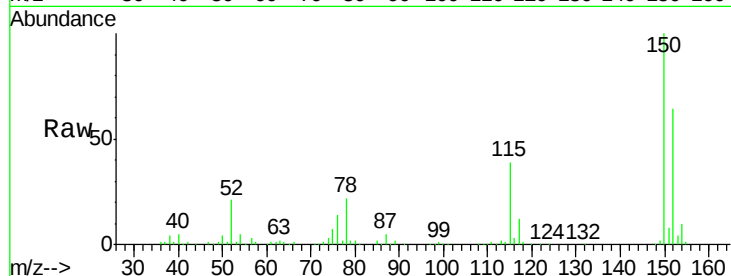




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: VD061838.D
 Acq: 17 Apr 2019 6:31

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-B

Tot Ion:152 Resp: 336580
 Ion Ratio Lower Upper
 152 100
 115 60.4 30.9 92.7
 150 156.7 0.0 314.8



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

