

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061759.D
 Acq On : 12 Apr 2019 1:56
 Operator : VA/AP
 Sample : VD0411SBL02
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBL02

Quant Time: Apr 12 02:31:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

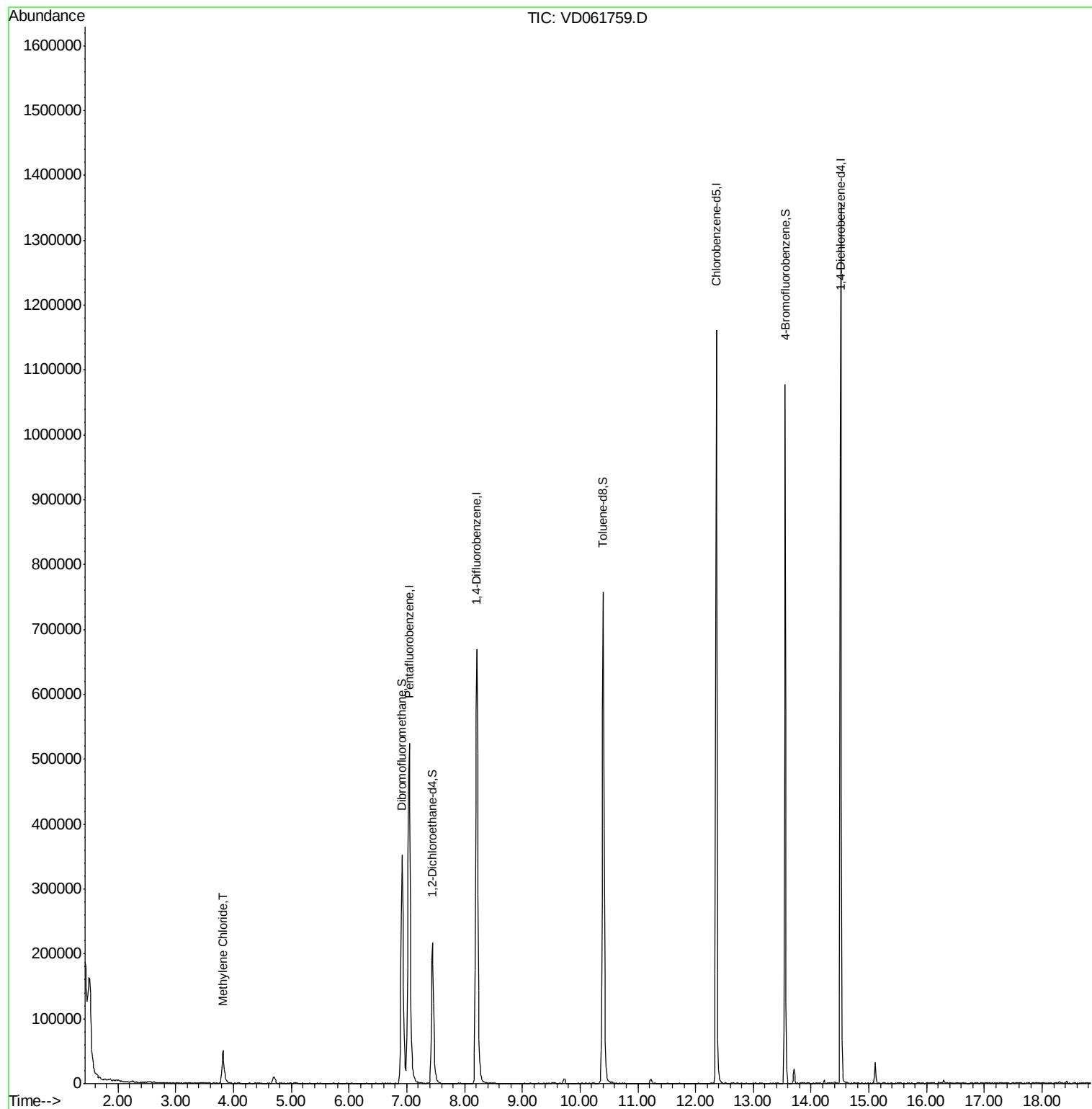
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	546049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	851989	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	733601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	313759	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	226267	54.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.34%	
35) Dibromofluoromethane	6.91	113	346782	58.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.50%	
50) Toluene-d8	10.40	98	710164	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	13.55	95	321476	65.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.94%	
Target Compounds						
20) Methylene Chloride	3.82	84	40001	5.697	ug/l #	91

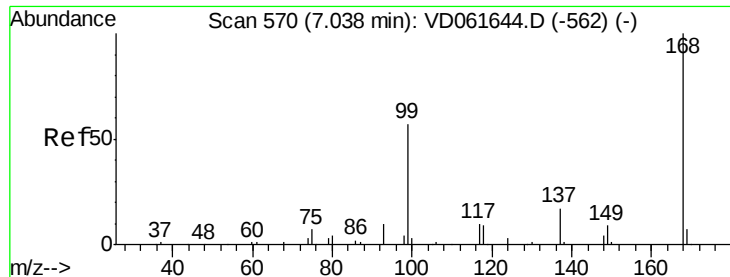
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061759.D

Acq: 12 Apr 2019 1:56

Instrument :

MSVOA_D

ClientSampleId :

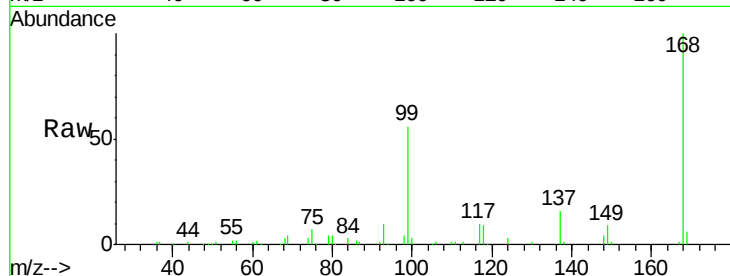
VD0411SBL02

Tot Ion:168 Resp: 546049

Ion Ratio Lower Upper

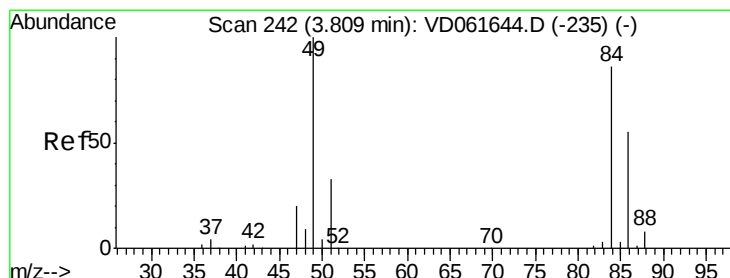
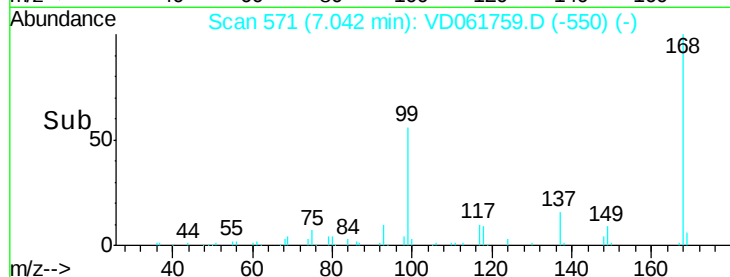
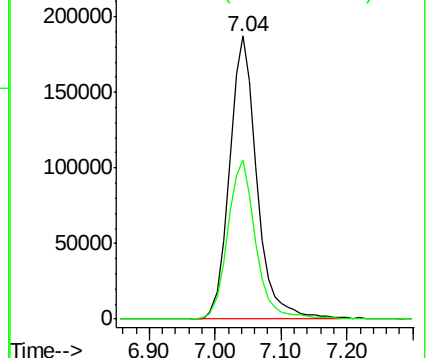
168 100

99 56.2 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 5.697 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.01 min

Lab File: VD061759.D

Acq: 12 Apr 2019 1:56

Tgt Ion: 84 Resp: 40001

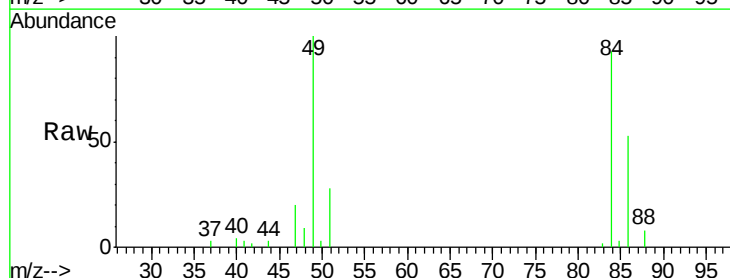
Ion Ratio Lower Upper

84 100

49 107.2 93.0 139.4

51 30.0 30.4 45.6#

86 56.9 51.0 76.4

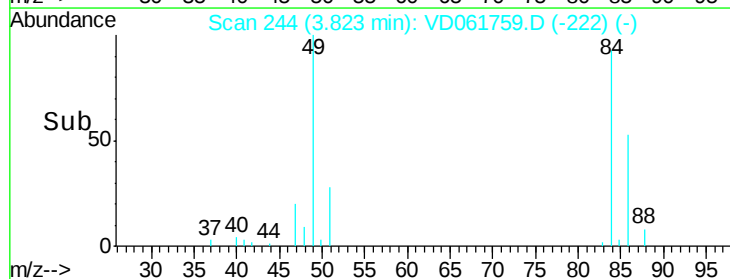
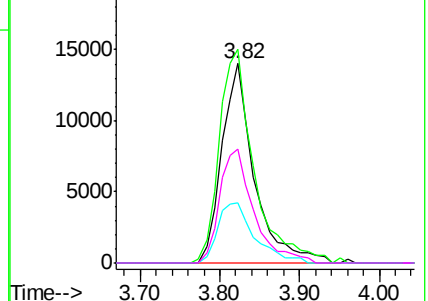


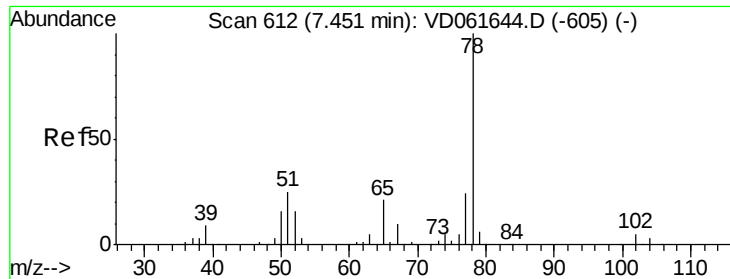
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD061759.D

Acq: 12 Apr 2019 1:56

Instrument :

MSVOA_D

ClientSampleId :

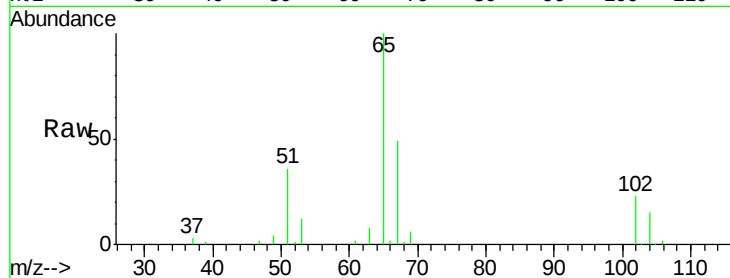
VD0411SBL02

Tot Ion: 65 Resp: 226267

Ion Ratio Lower Upper

65 100

67 49.0 0.0 99.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

80000

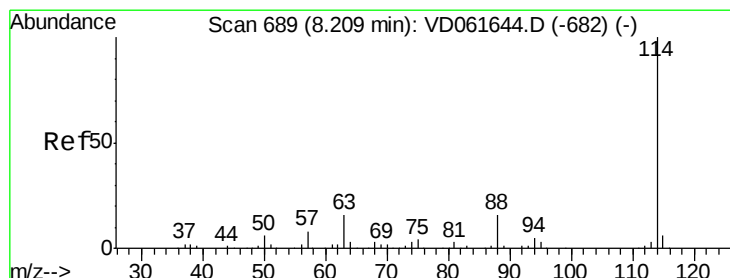
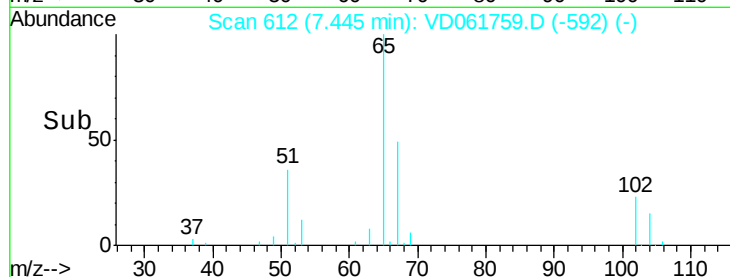
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD061759.D

Acq: 12 Apr 2019 1:56

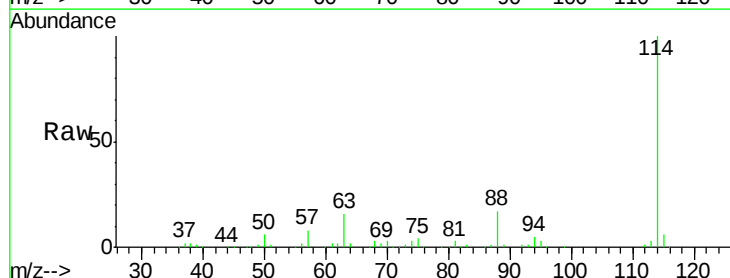
Tgt Ion: 114 Resp: 851989

Ion Ratio Lower Upper

114 100

63 15.9 0.0 31.2

88 17.0 0.0 31.8



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

8.21

400000

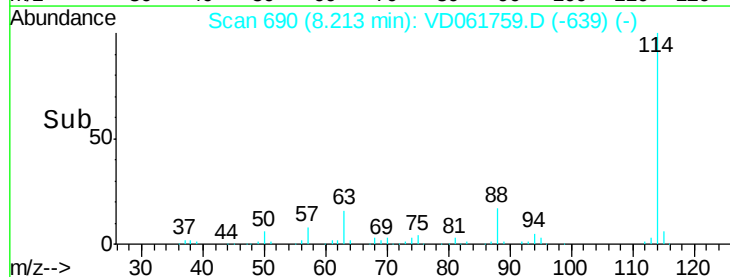
300000

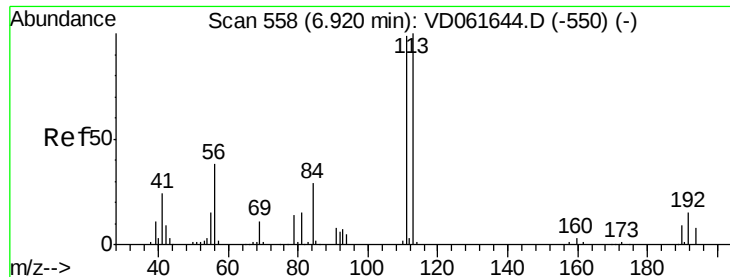
200000

100000

0

Time--> 8.10 8.20 8.30 8.40

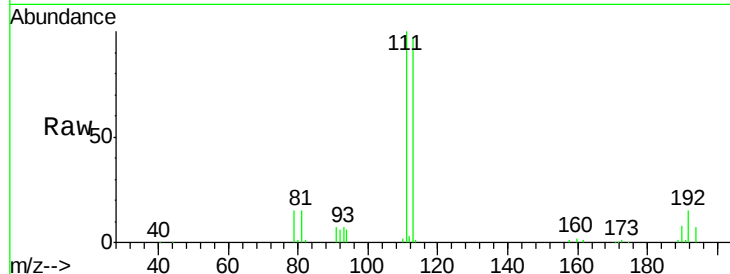




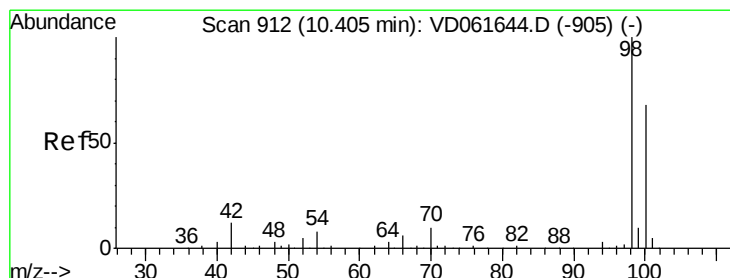
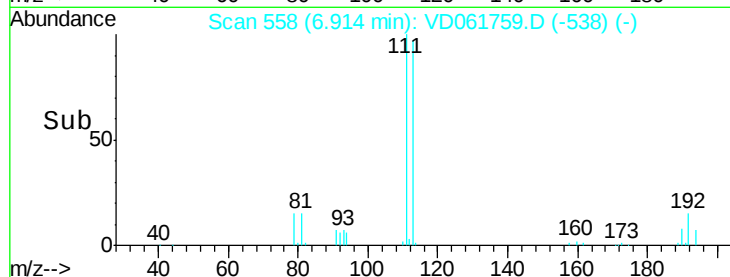
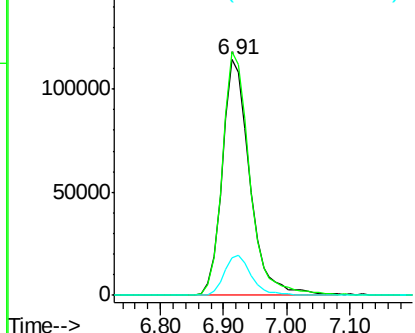
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.91 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD061759.D
Acq: 12 Apr 2019 1:56

Instrument :
MSVOA_D
ClientSampleId :
VD0411SBL02

Tot Ion:113 Resp: 346782
Ion Ratio Lower Upper
113 100
111 103.5 79.3 118.9
192 15.7 12.3 18.5

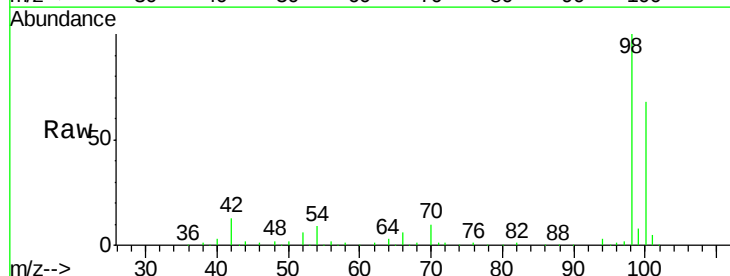


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

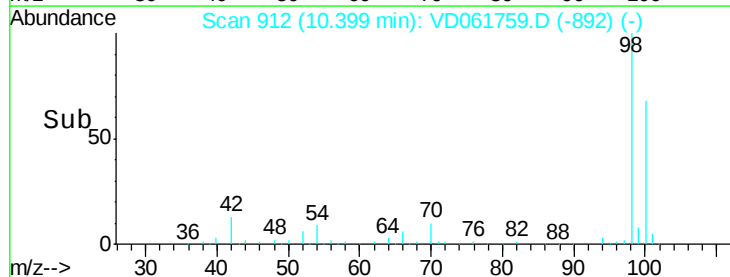
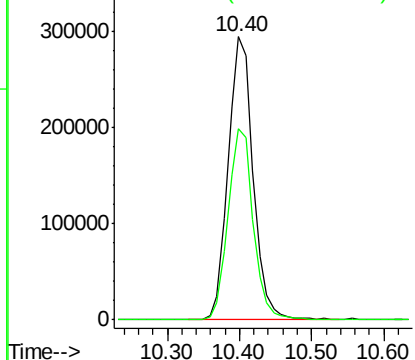


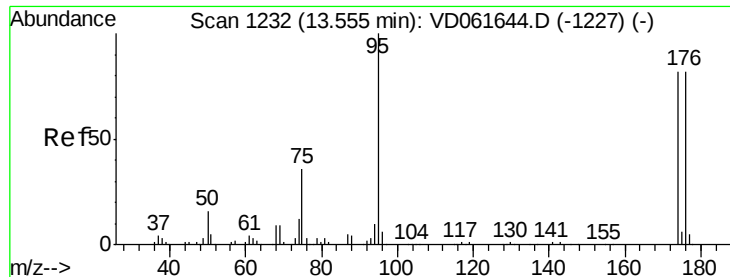
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD061759.D
Acq: 12 Apr 2019 1:56

Tgt Ion: 98 Resp: 710164
Ion Ratio Lower Upper
98 100
100 67.7 55.4 83.0



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD061759.D

Acq: 12 Apr 2019 1:56

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBL02

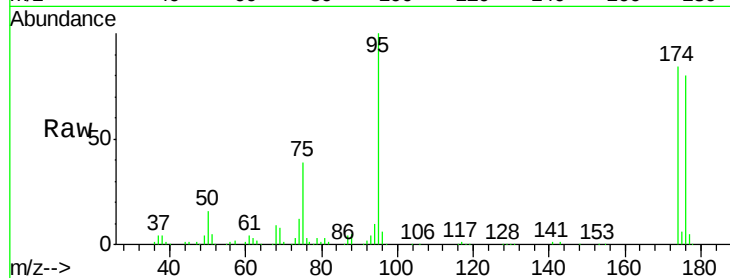
Tot Ion: 95 Resp: 321476

Ion Ratio Lower Upper

95 100

174 83.9 0.0 164.6

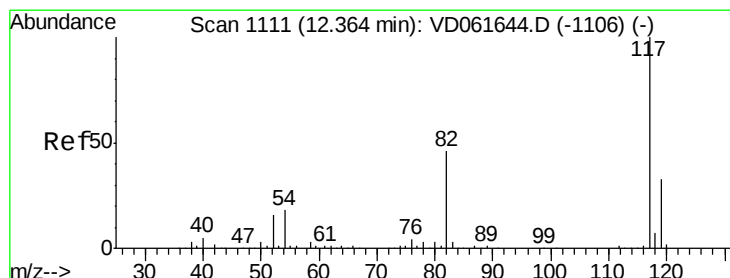
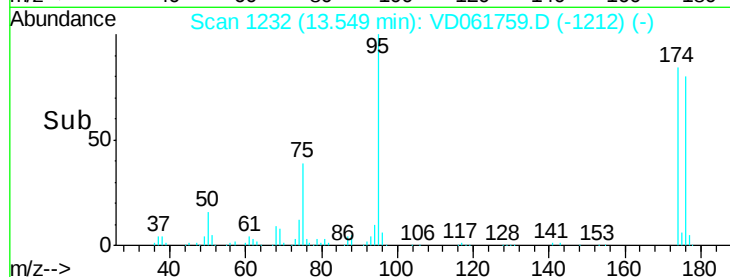
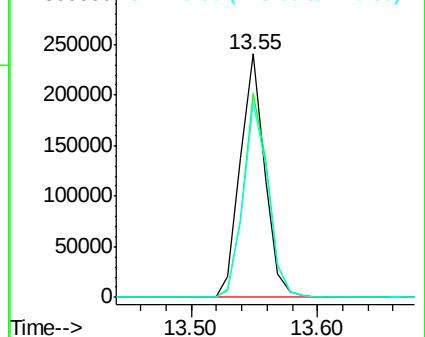
176 79.9 0.0 165.0



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: 12.36 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD061759.D

Acq: 12 Apr 2019 1:56

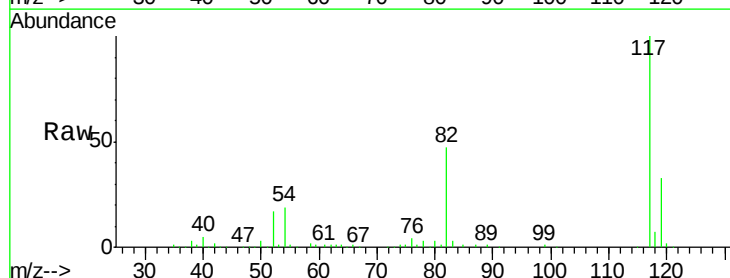
Tgt Ion: 117 Resp: 733601

Ion Ratio Lower Upper

117 100

82 47.0 36.8 55.2

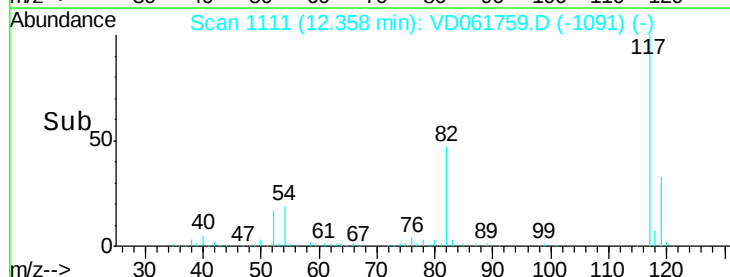
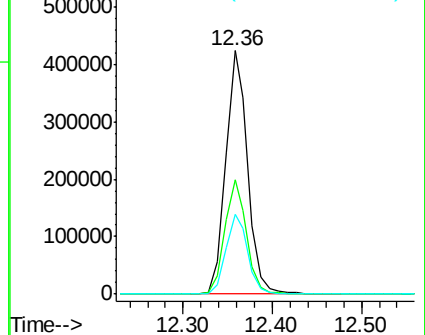
119 32.9 26.1 39.1

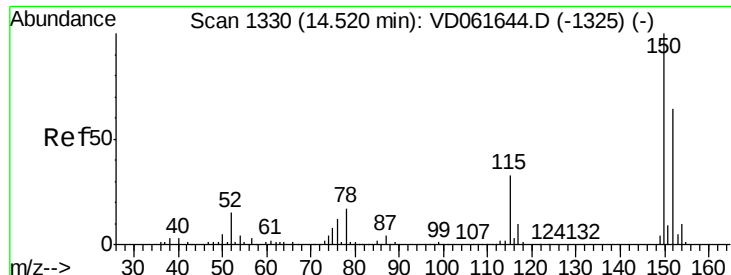


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

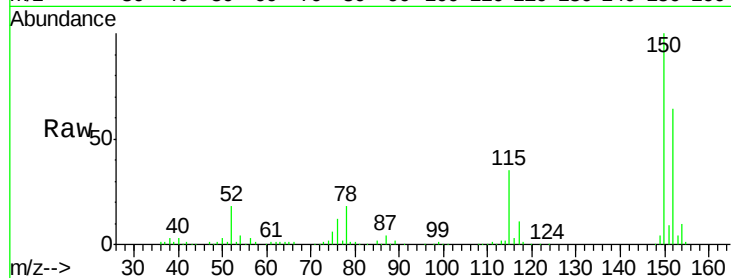




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD061759.D
 Acq: 12 Apr 2019 1:56

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBL02

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	26.4	79.2
150	156.6	0.0	320.6



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

