

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061736.D
 Acq On : 11 Apr 2019 12:51
 Operator : VA/AP
 Sample : VD0411SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBL01

Quant Time: Apr 12 01:12:28 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

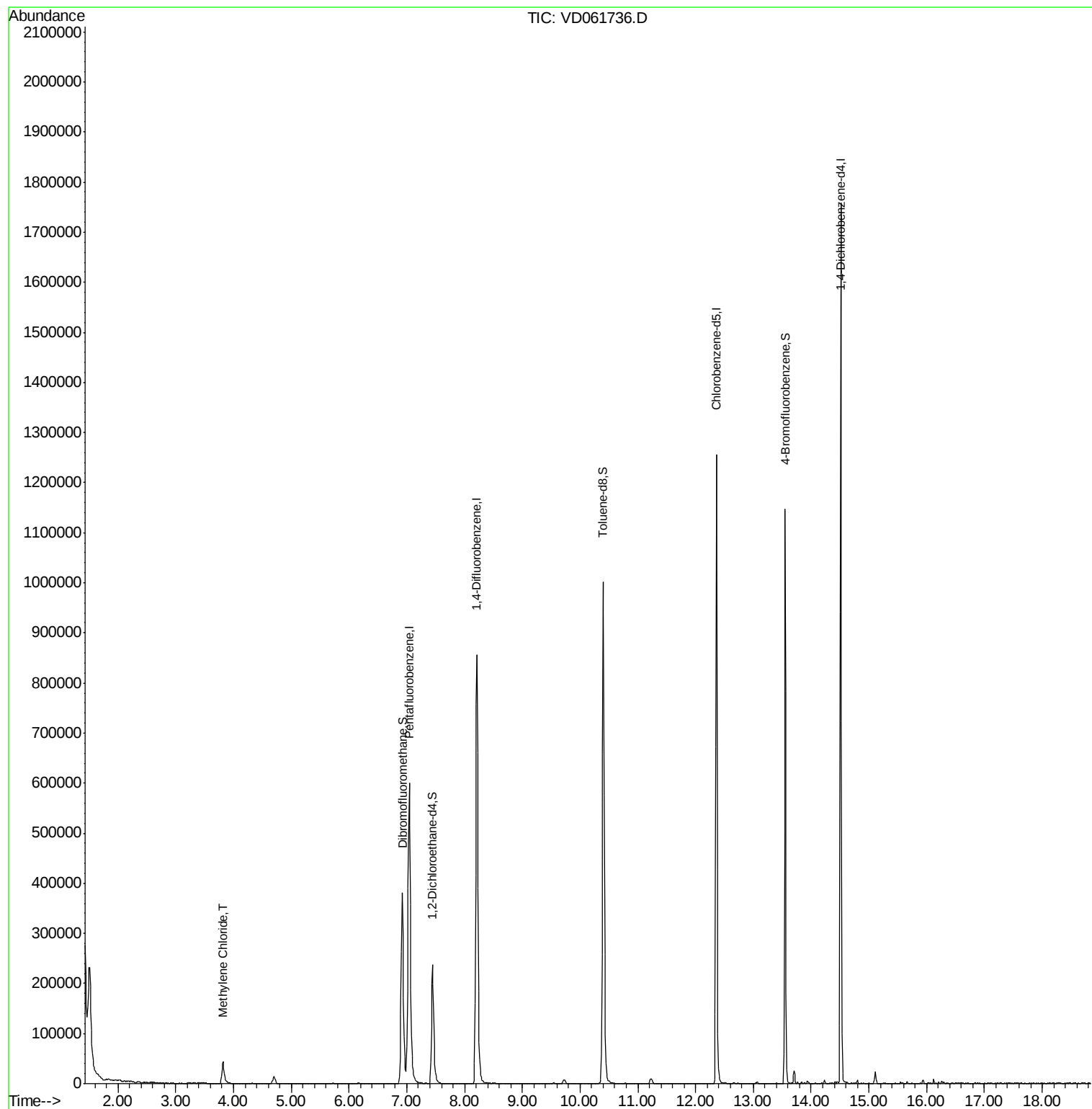
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	656924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1041837	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	838012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	387451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	240988	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
35) Dibromofluoromethane	6.92	113	378435	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
50) Toluene-d8	10.40	98	895580	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	13.55	95	351510	56.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.44%	
Target Compounds						
20) Methylene Chloride	3.82	84	34329	4.064	ug/l	Qvalue 99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

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MSVOA_D

ClientSampleId :

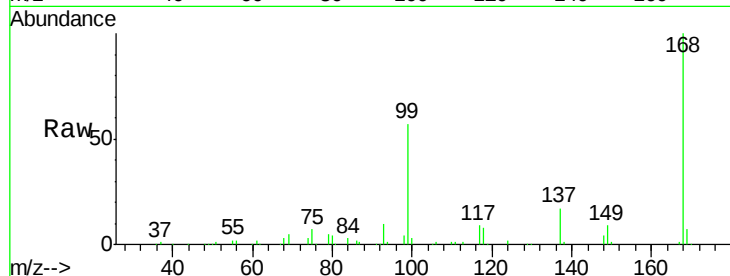
VD0411SBL01

Tot Ion:168 Resp: 656924

Ion Ratio Lower Upper

168 100

99 57.0 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

150000

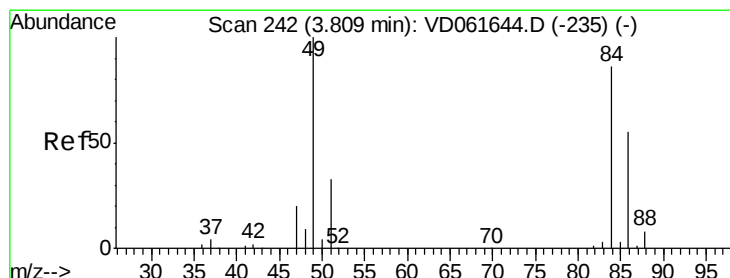
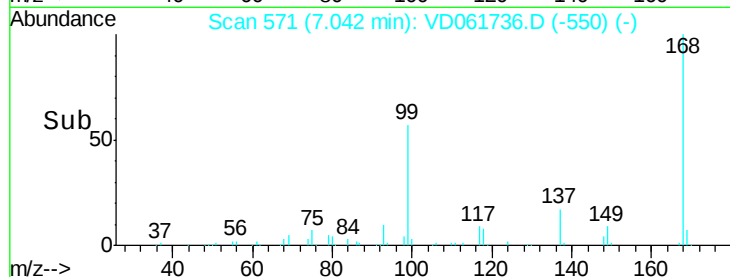
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#20

Methylene Chloride

Concen: 4.064 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD061736.D

Acq: 11 Apr 2019 12:51

Tgt Ion: 84 Resp: 34329

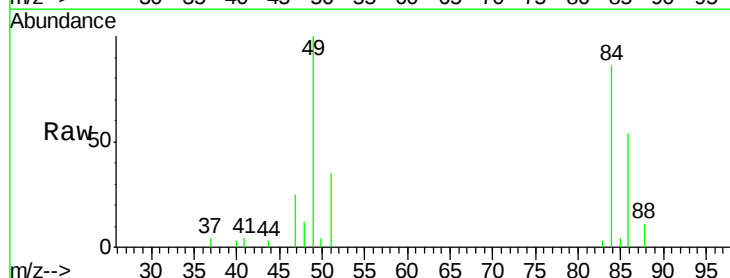
Ion Ratio Lower Upper

84 100

49 116.4 93.0 139.4

51 40.7 30.4 45.6

86 62.6 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

20000

15000

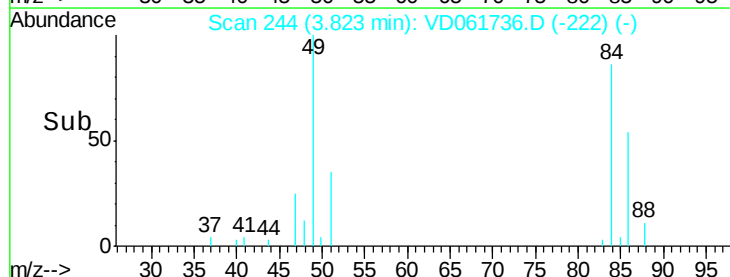
10000

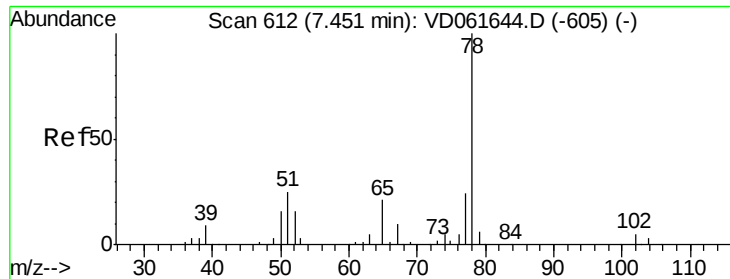
5000

0

3.70 3.80 3.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD061736.D

Acq: 11 Apr 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

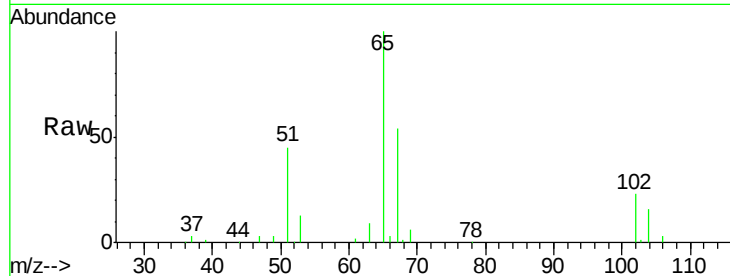
VD0411SBL01

Tot Ion: 65 Resp: 240988

Ion Ratio Lower Upper

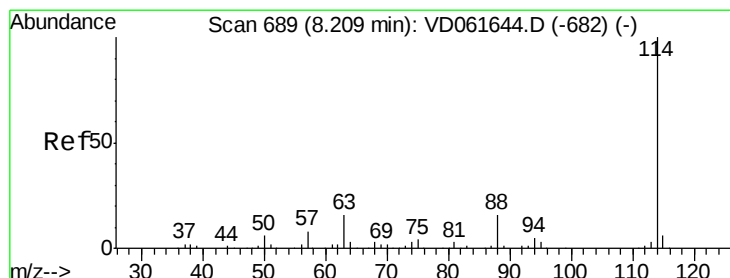
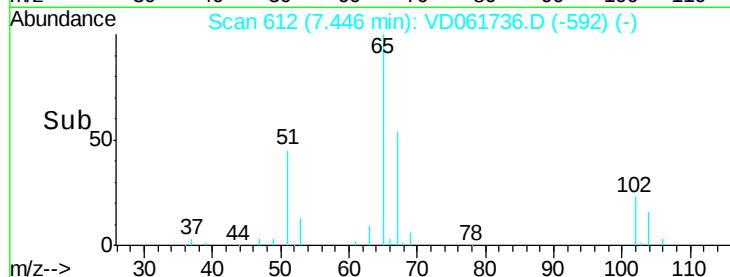
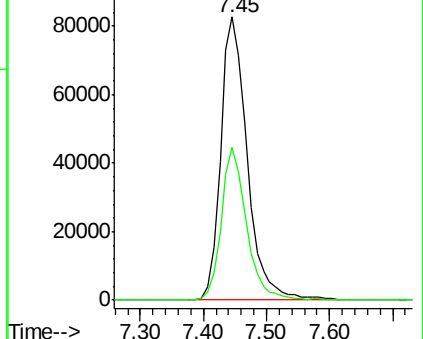
65 100

67 54.1 0.0 99.4



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: 8.21 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD061736.D

Acq: 11 Apr 2019 12:51

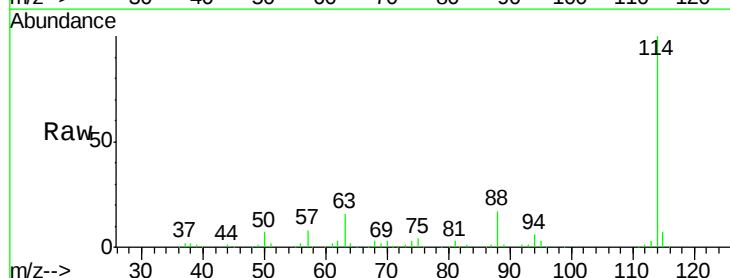
Tgt Ion: 114 Resp: 1041837

Ion Ratio Lower Upper

114 100

63 15.6 0.0 31.2

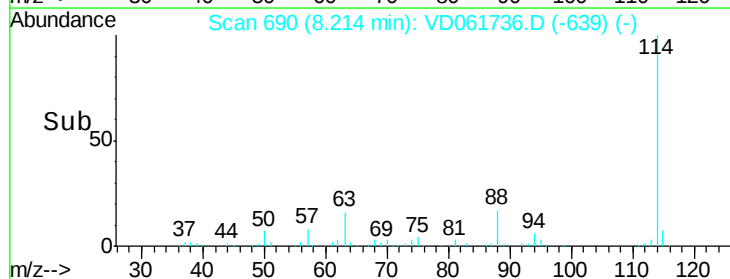
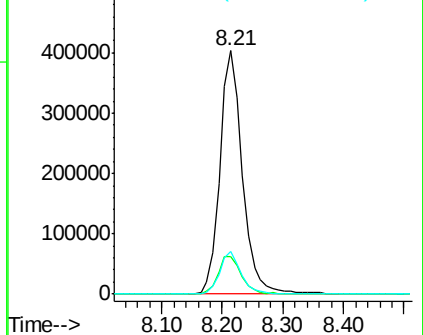
88 17.5 0.0 31.8

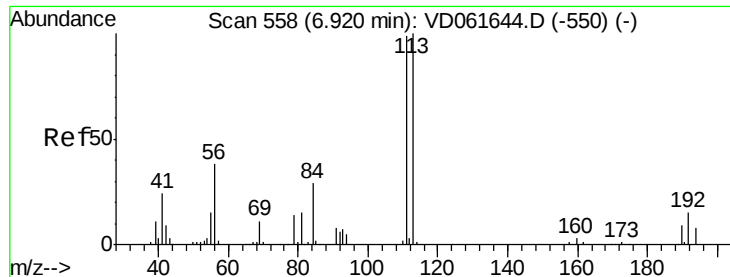


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

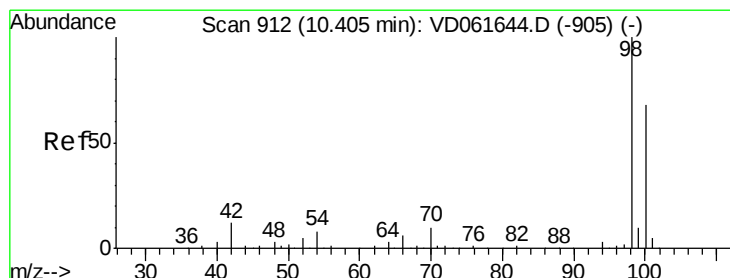
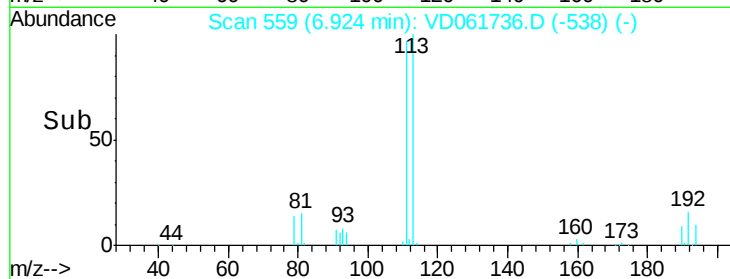
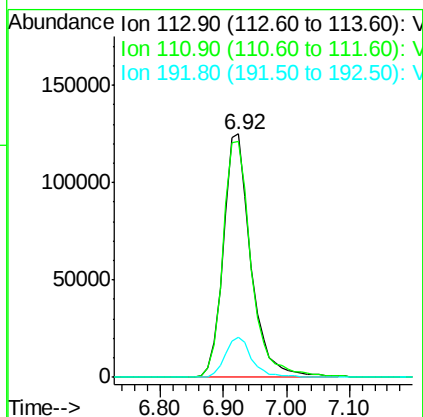
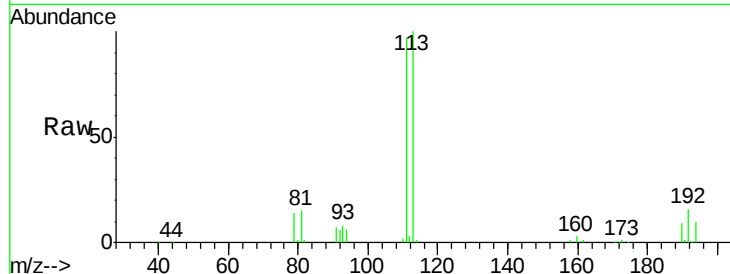




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061736.D
 Acq: 11 Apr 2019 12:51

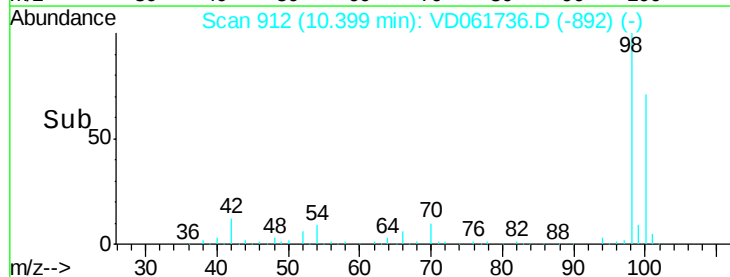
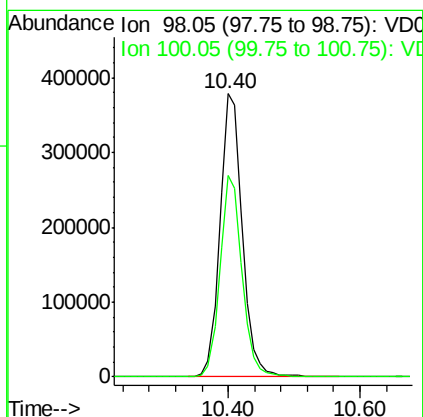
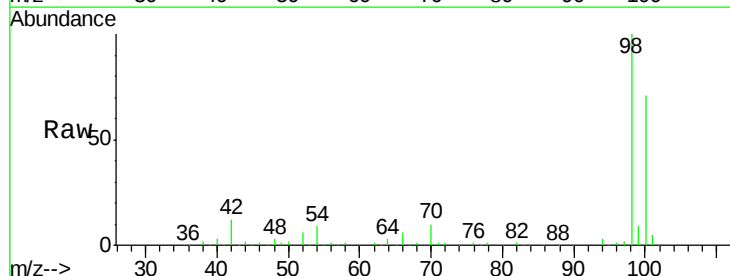
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBL01

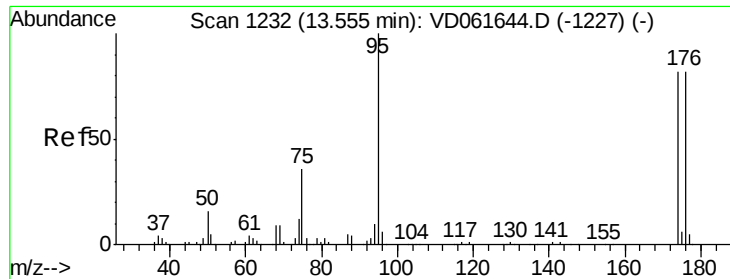
Tot Ion:113 Resp: 378435
 Ion Ratio Lower Upper
 113 100
 111 97.1 79.3 118.9
 192 16.3 12.3 18.5



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: VD061736.D
 Acq: 11 Apr 2019 12:51

Tgt Ion: 98 Resp: 895580
 Ion Ratio Lower Upper
 98 100
 100 71.3 55.4 83.0

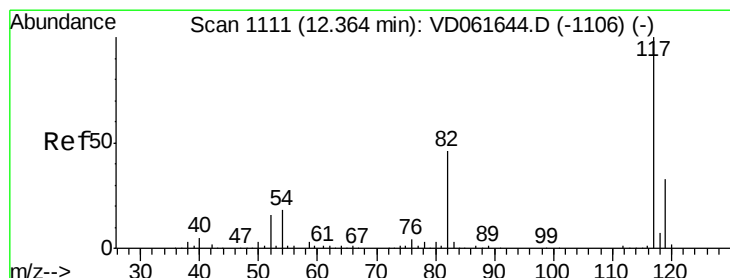
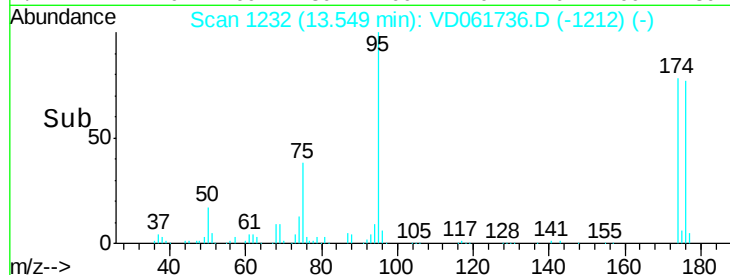
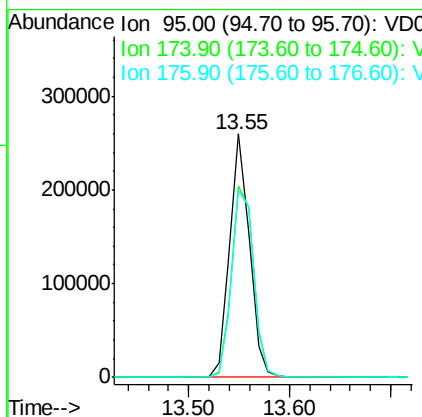
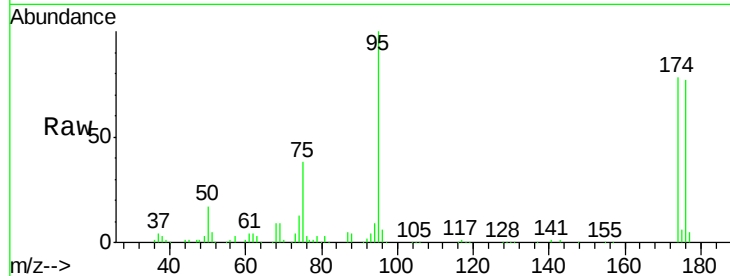




#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VD061736.D
 Acq: 11 Apr 2019 12:51

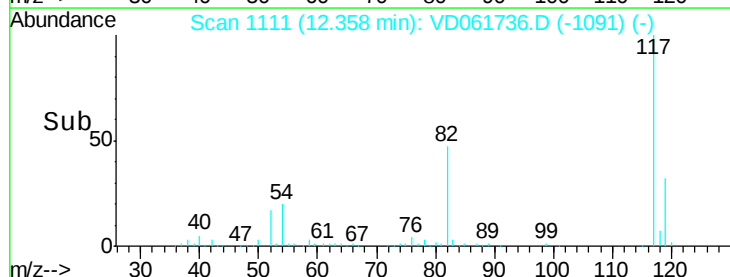
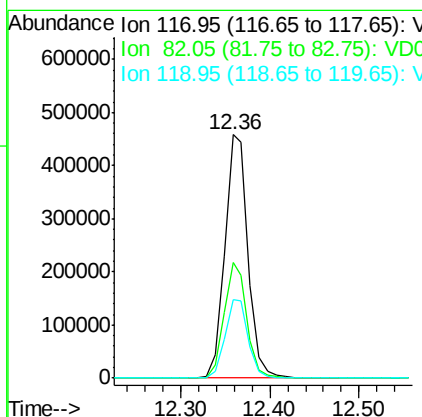
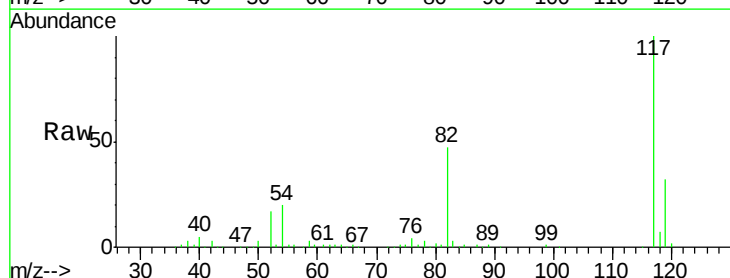
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0411SBL01

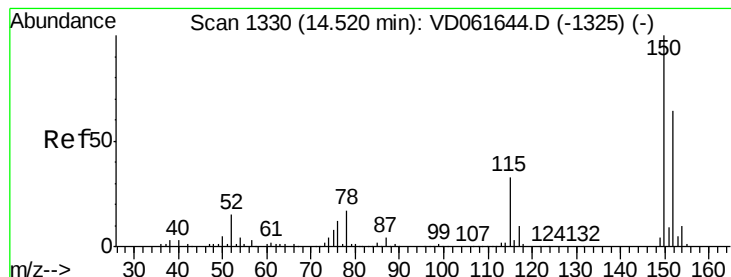
Tot Ion: 95 Resp: 351510
 Ion Ratio Lower Upper
 95 100
 174 78.3 0.0 164.6
 176 76.9 0.0 165.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: VD061736.D
 Acq: 11 Apr 2019 12:51

Tgt Ion: 117 Resp: 838012
 Ion Ratio Lower Upper
 117 100
 82 47.5 36.8 55.2
 119 32.4 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD061736.D

Acq: 11 Apr 2019 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0411SBL01

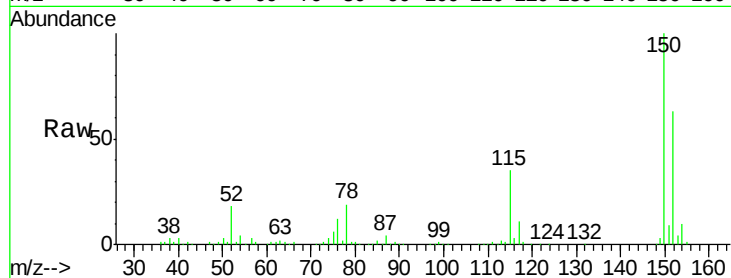
Tot Ion:152 Resp: 387451

Ion Ratio Lower Upper

152 100

115 55.6 26.4 79.2

150 158.6 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

