

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
 Data File : VD061316.D
 Acq On : 26 Mar 2019 00:08
 Operator : VA/AP
 Sample : VD0325SBL02
 Misc : 5.00µg/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0325SBL02

Quant Time: Mar 26 06:35:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 03:31:57 2019
 Response via : Initial Calibration

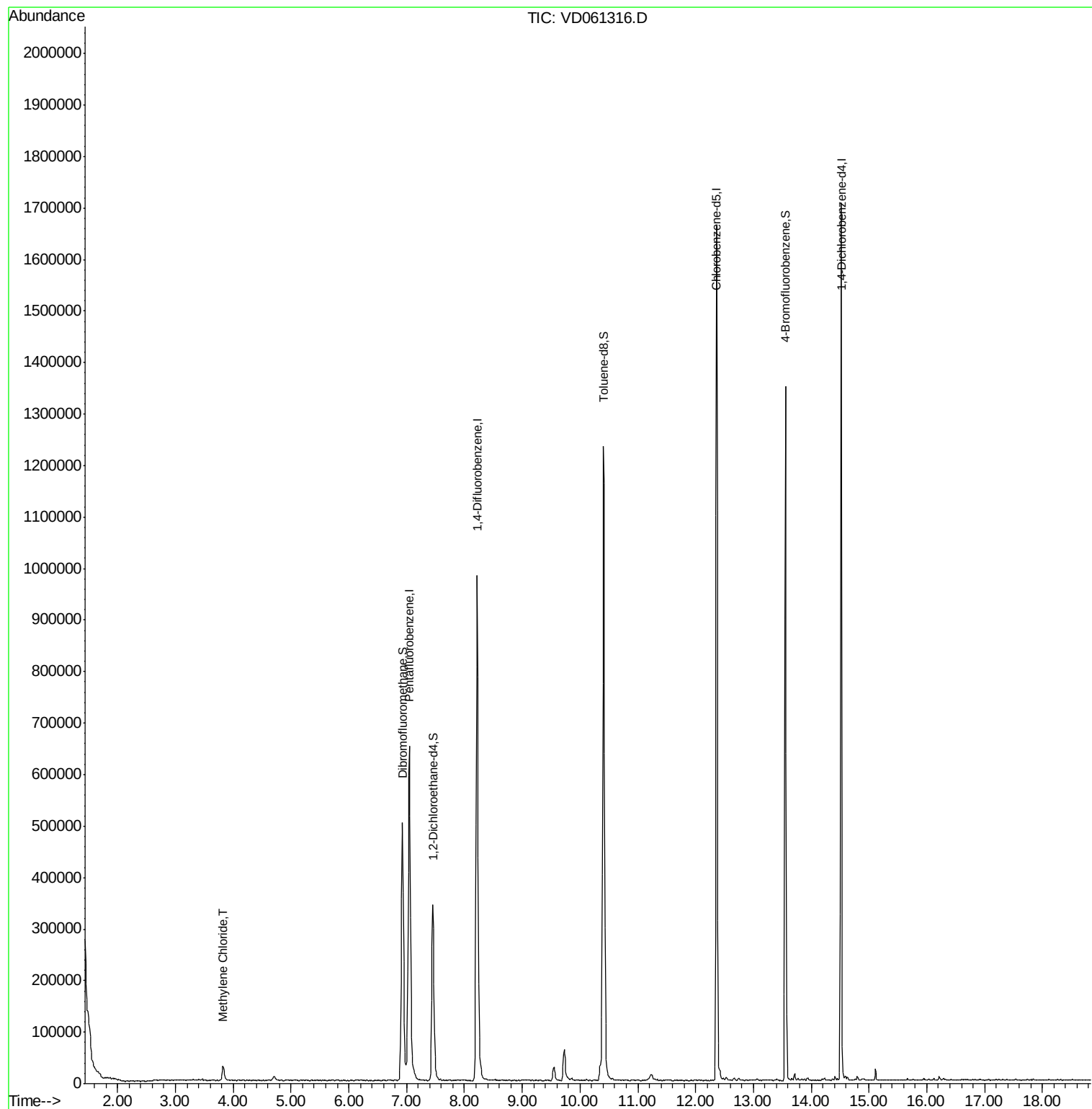
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	681965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1205486	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1034872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	445263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	316886	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
35) Dibromofluoromethane	6.93	113	486025	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
50) Toluene-d8	10.40	98	1107008	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	13.55	95	425411	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
Target Compounds						
20) Methylene Chloride	3.82	84	21291	2.665	ug/l	Qvalue 95

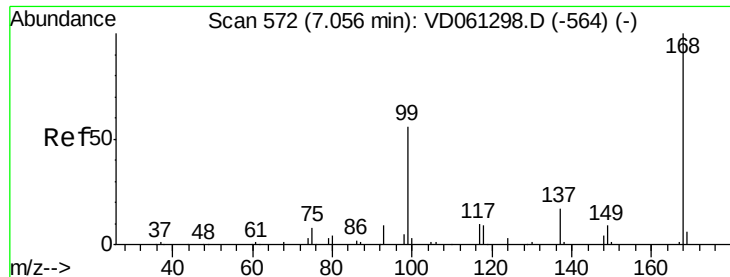
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD061316.D

Acq: 26 Mar 2019 00:08

Instrument :

MSVOA_D

ClientSampleId :

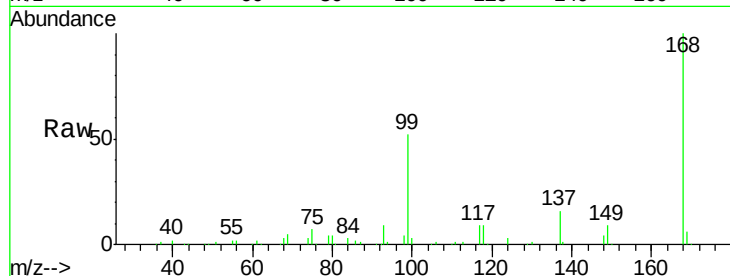
VD0325SBL02

Tot Ion:168 Resp: 681965

Ion Ratio Lower Upper

168 100

99 52.4 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

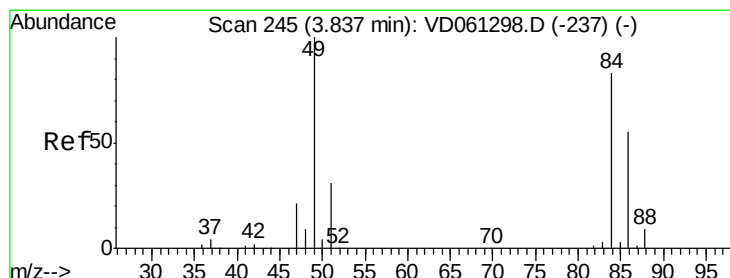
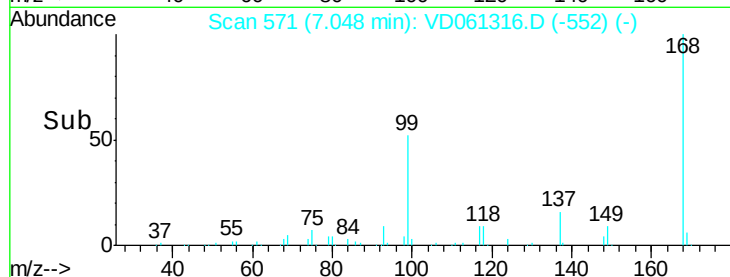
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#20

Methylene Chloride

Concen: 2.665 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.02 min

Lab File: VD061316.D

Acq: 26 Mar 2019 00:08

Tgt Ion: 84 Resp: 21291

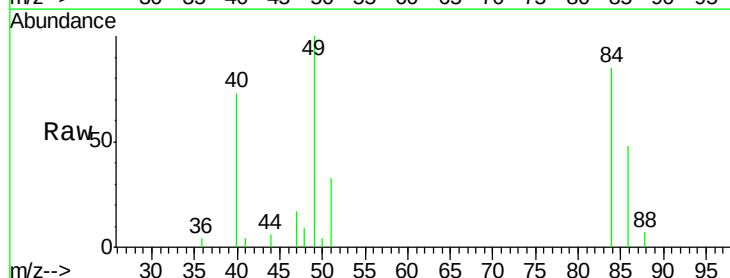
Ion Ratio Lower Upper

84 100

49 118.3 96.8 145.2

51 39.1 29.9 44.9

86 56.9 53.1 79.7



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

3.82

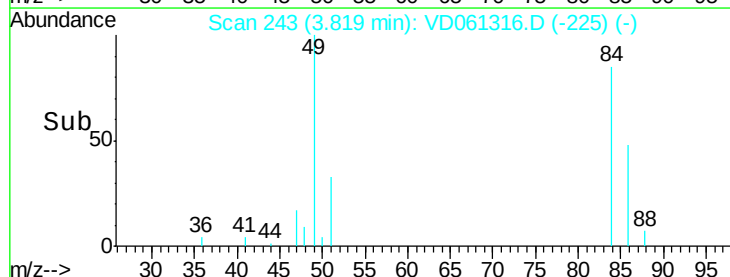
10000

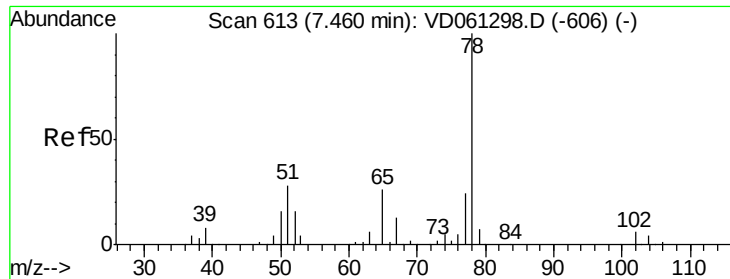
5000

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: VD061316.D

Acq: 26 Mar 2019 00:08

Instrument :

MSVOA_D

ClientSampleId :

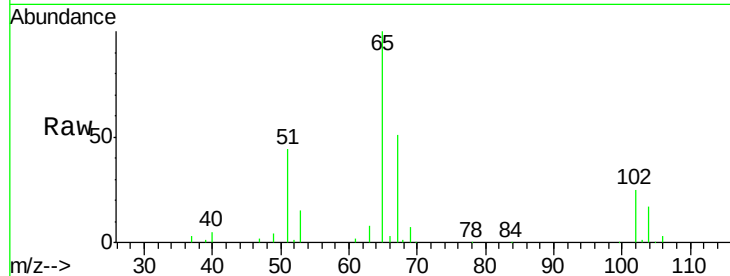
VD0325SBL02

Tot Ion: 65 Resp: 316886

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

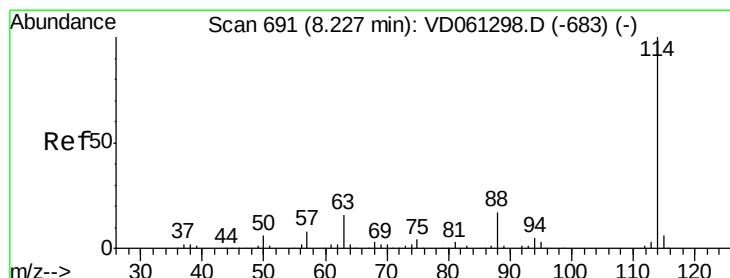
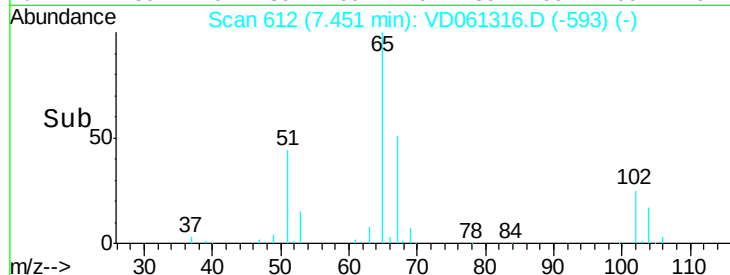
7.45

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD061316.D

Acq: 26 Mar 2019 00:08

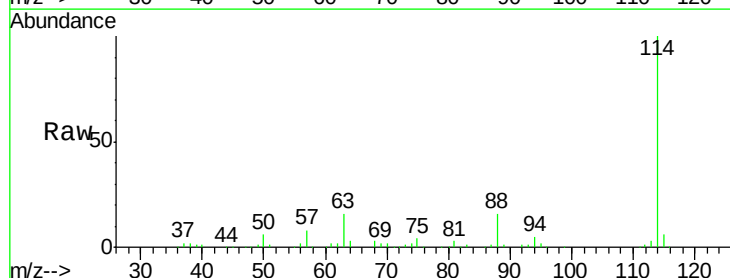
Tgt Ion: 114 Resp: 1205486

Ion Ratio Lower Upper

114 100

63 15.8 0.0 31.4

88 16.4 0.0 33.2



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

8.22

600000

500000

400000

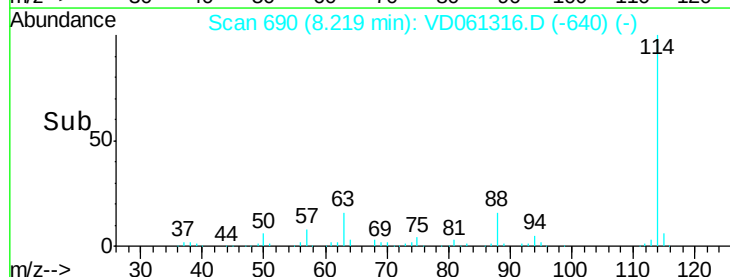
300000

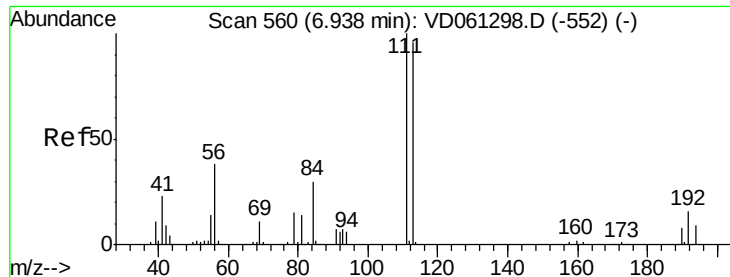
200000

100000

0

Time-->

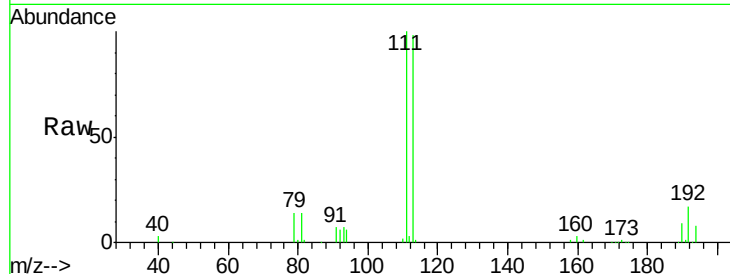




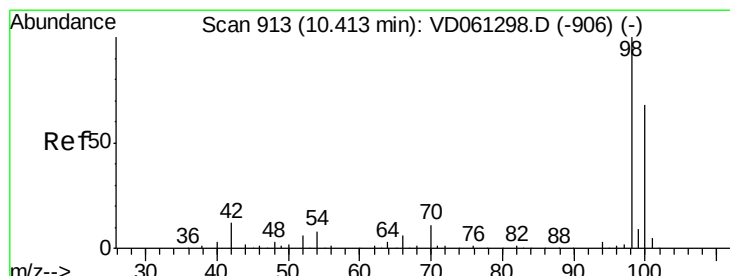
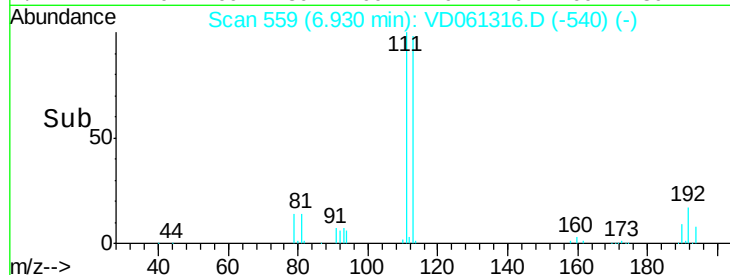
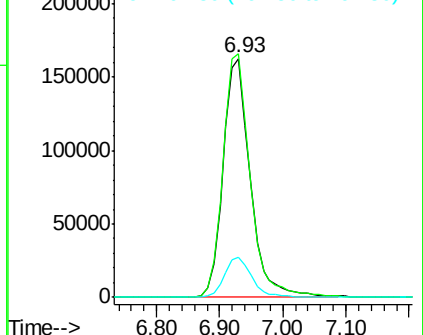
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD061316.D
Acq: 26 Mar 2019 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD0325SBL02

Tot Ion:113 Resp: 486025
Ion Ratio Lower Upper
113 100
111 101.9 83.7 125.5
192 16.9 13.4 20.0

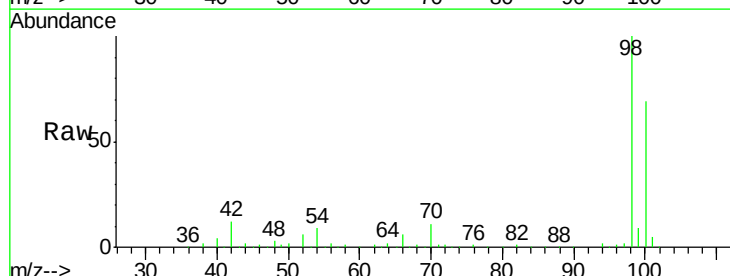


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

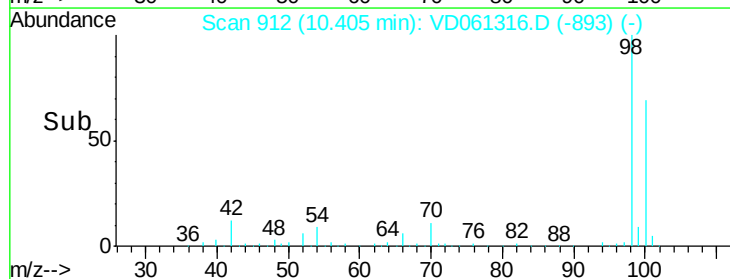
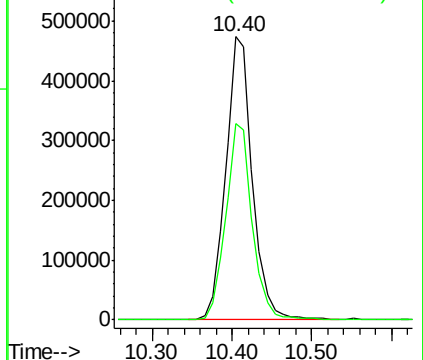


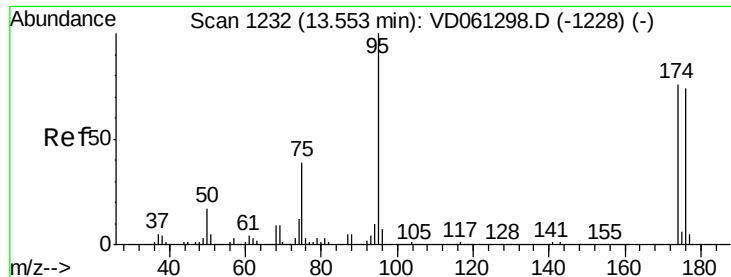
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD061316.D
Acq: 26 Mar 2019 00:08

Tgt Ion: 98 Resp: 1107008
Ion Ratio Lower Upper
98 100
100 69.4 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. 0.00 min

Lab File: VD061316.D

Acq: 26 Mar 2019 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD0325SBL02

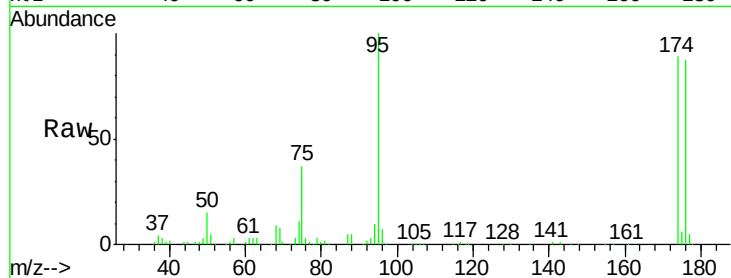
Tot Ion: 95 Resp: 425411

Ion Ratio Lower Upper

95 100

174 89.0 0.0 151.8

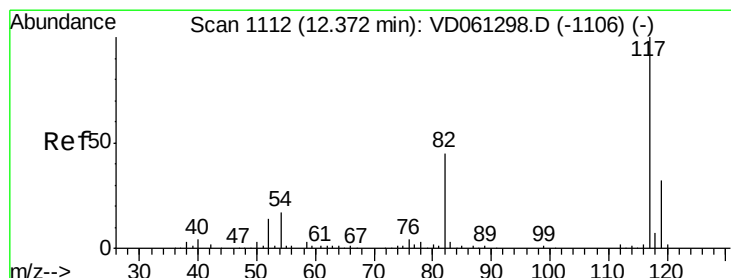
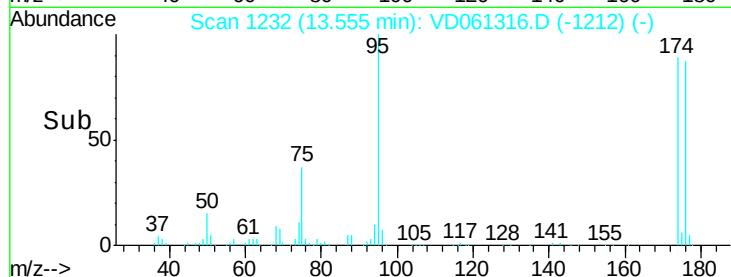
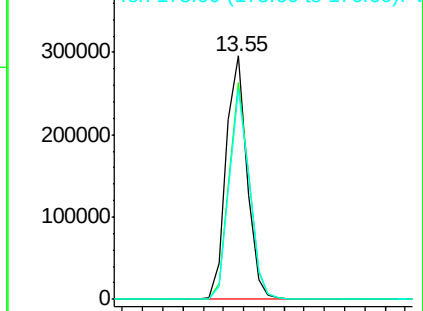
176 86.6 0.0 148.0



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: VD061316.D

Acq: 26 Mar 2019 00:08

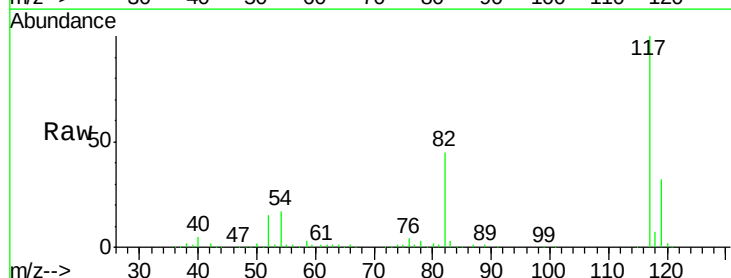
Tgt Ion: 117 Resp: 1034872

Ion Ratio Lower Upper

117 100

82 45.1 35.7 53.5

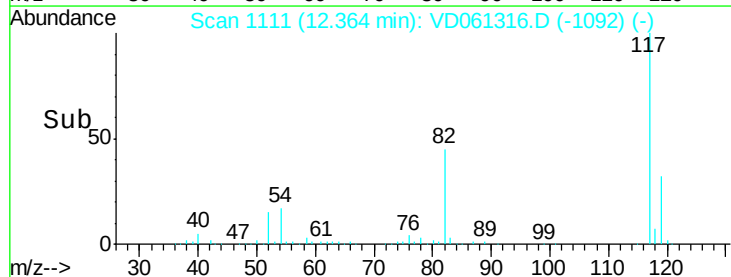
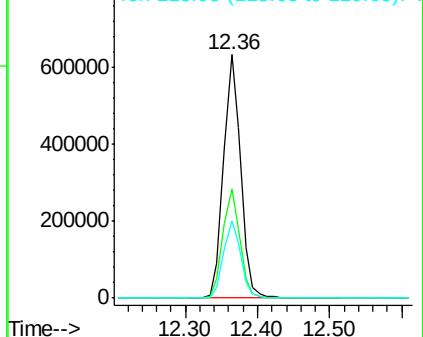
119 31.9 25.9 38.9

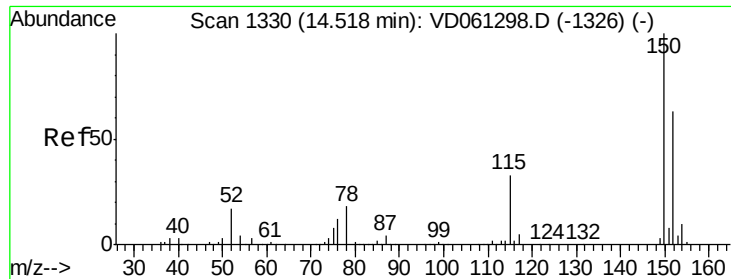


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

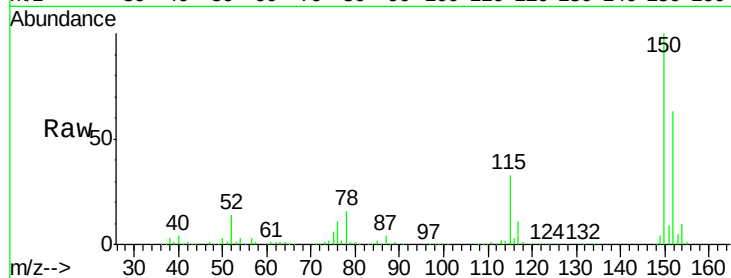




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD061316.D
 Acq: 26 Mar 2019 00:08

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0325SBL02

Tot Ion	Ratio	Lower	Upper
152	100		
115	52.2	29.2	87.6
150	157.8	0.0	319.6



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

