

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061512.D
 Acq On : 2 Apr 2019 14:04
 Operator : VA/AP
 Sample : VD0402SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0402SBL01

Quant Time: Apr 03 07:55:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

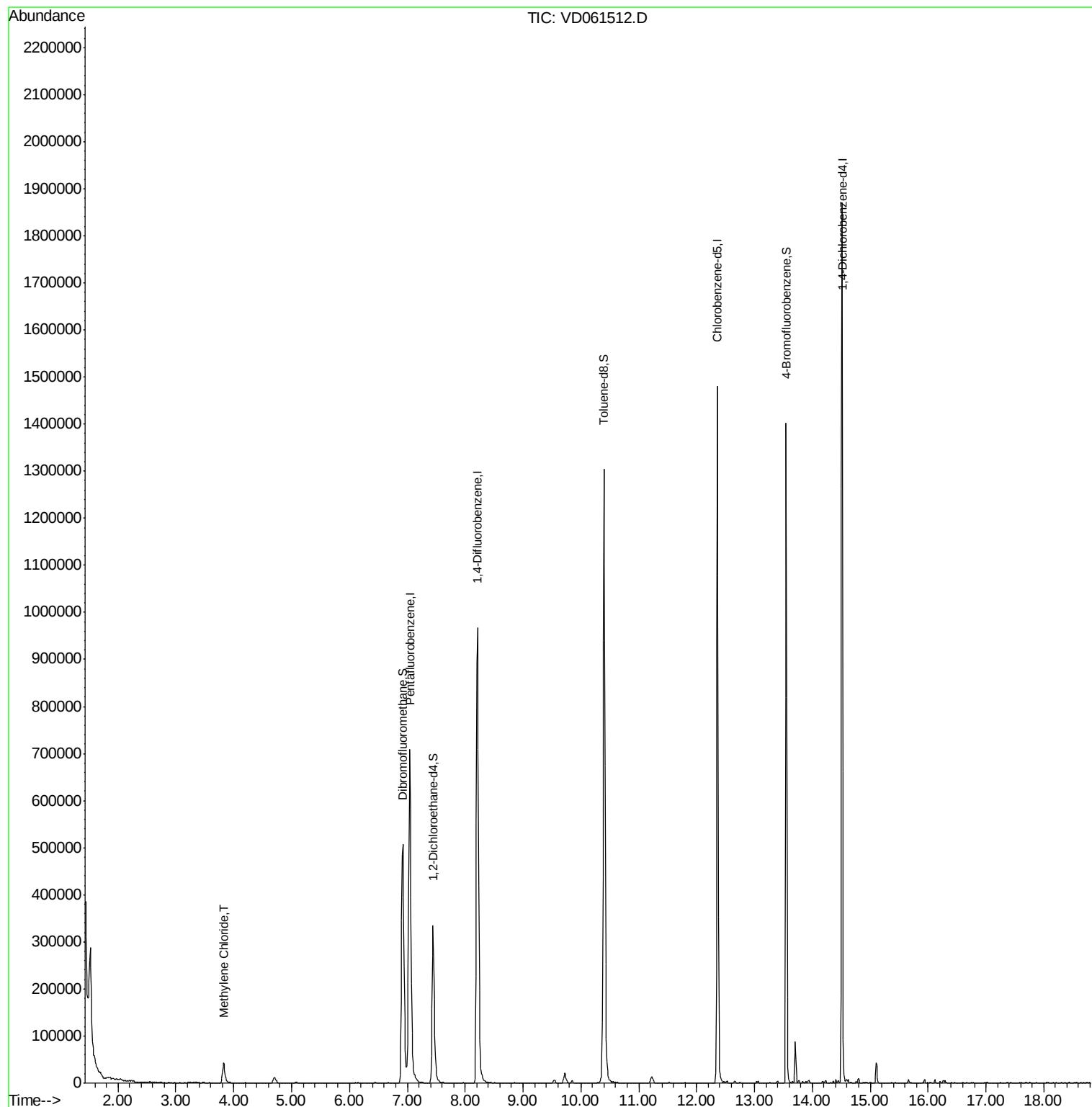
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	750757	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	1225358	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	932751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	431750	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	323136	50.39	ug/l	0.01
Spiked Amount 50.000			Recovery	=	100.78%	
35) Dibromofluoromethane	6.92	113	497679	53.15	ug/l	0.02
Spiked Amount 50.000			Recovery	=	106.30%	
50) Toluene-d8	10.40	98	1154465	51.40	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	13.55	95	448578	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
Target Compounds						
20) Methylene Chloride	3.82	84	35409	1.990	ug/l	Qvalue 95

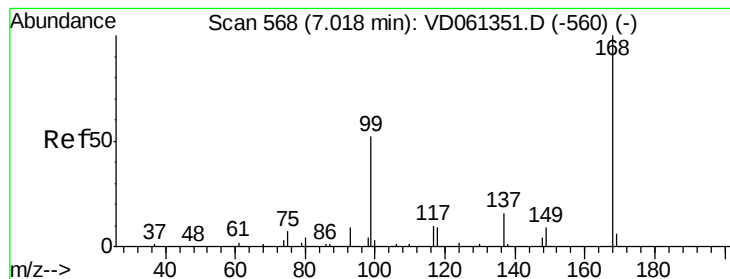
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD061512.D

Acq: 2 Apr 2019 14:04

Instrument :

MSVOA_D

ClientSampleId :

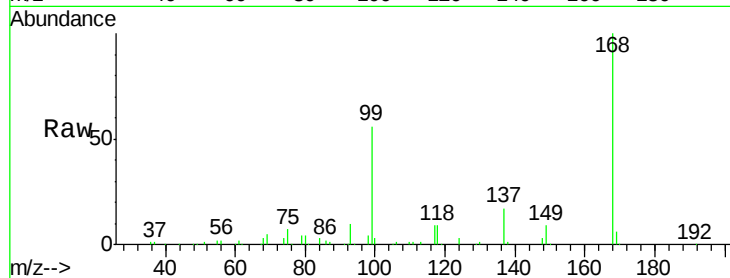
VD0402SBL01

Tot Ion:168 Resp: 750757

Ion Ratio Lower Upper

168 100

99 56.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

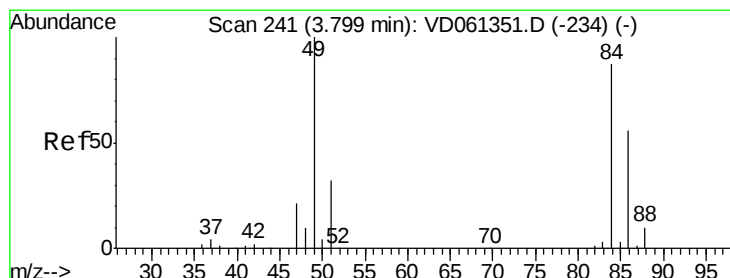
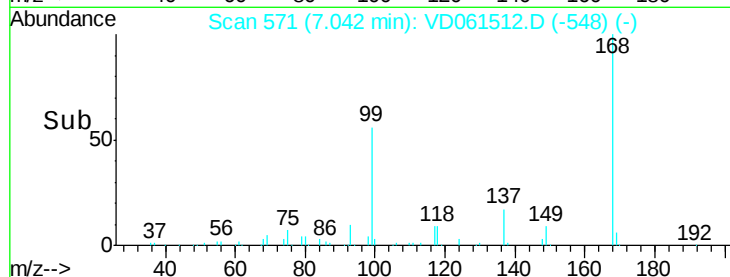
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.990 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD061512.D

Acq: 2 Apr 2019 14:04

Tgt Ion: 84 Resp: 35409

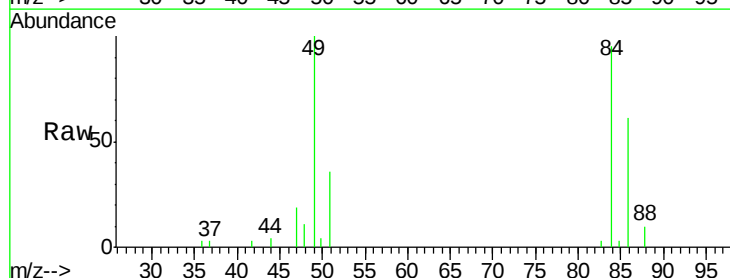
Ion Ratio Lower Upper

84 100

49 104.9 91.8 137.8

51 37.8 29.8 44.8

86 63.6 51.8 77.6



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

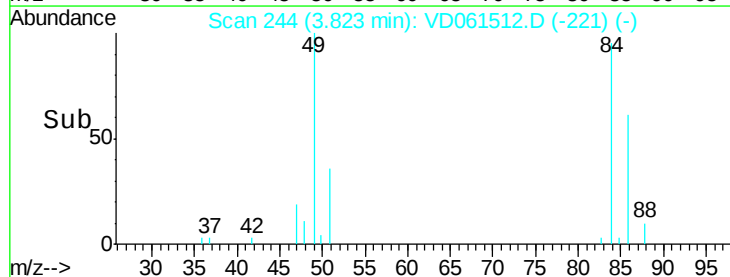
15000

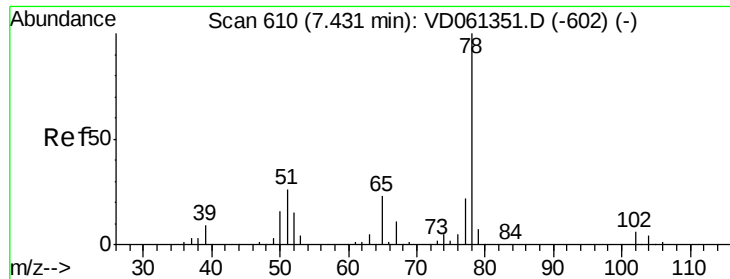
10000

5000

0

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: VD061512.D

Acq: 2 Apr 2019 14:04

Instrument :

MSVOA_D

ClientSampleId :

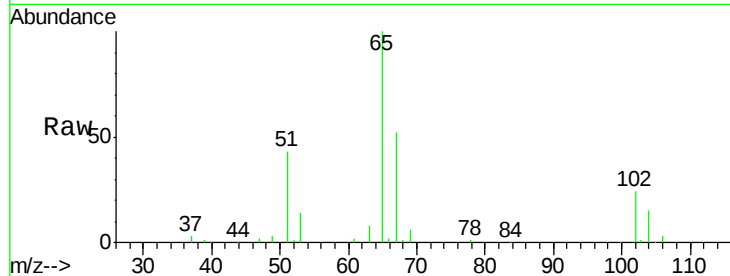
VD0402SBL01

Tot Ion: 65 Resp: 323136

Ion Ratio Lower Upper

65 100

67 52.3 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

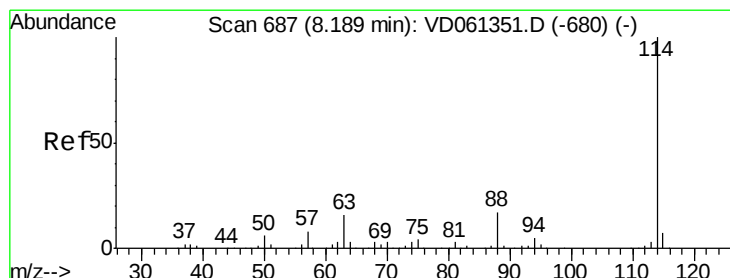
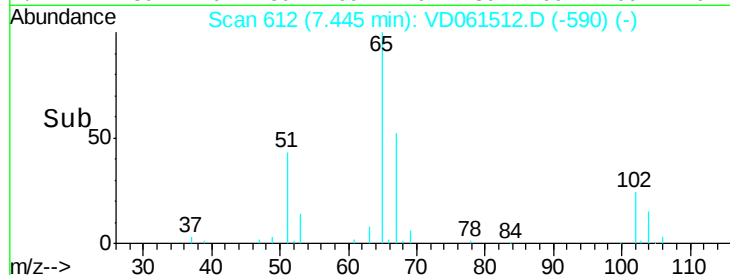
7.45

100000

50000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD061512.D

Acq: 2 Apr 2019 14:04

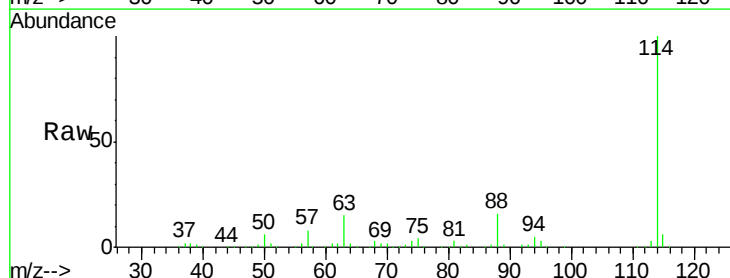
Tgt Ion: 114 Resp: 1225358

Ion Ratio Lower Upper

114 100

63 15.1 0.0 31.6

88 16.1 0.0 33.4



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

600000

500000

400000

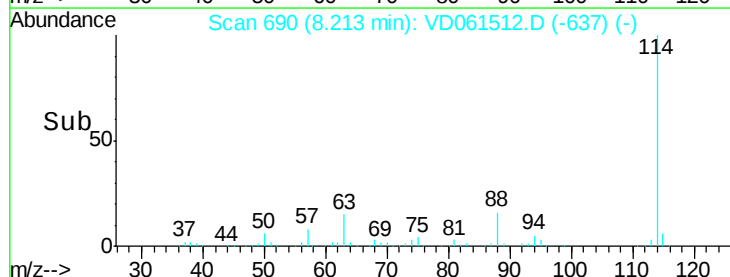
300000

200000

100000

0

Time--> 8.00 8.20 8.40 8.60





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD061512.D

Acq: 2 Apr 2019 14:04

Instrument :

MSVOA_D

ClientSampleId :

VD0402SBL01

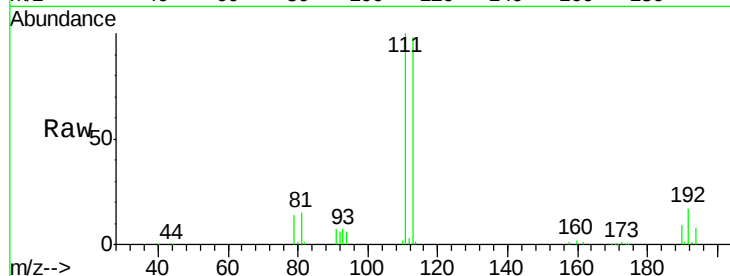
Tot Ion:113 Resp: 497679

Ion Ratio Lower Upper

113 100

111 102.5 81.0 121.6

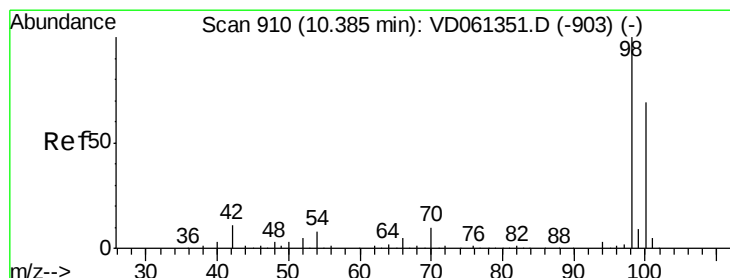
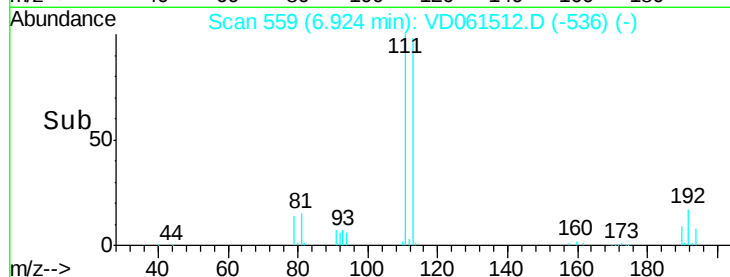
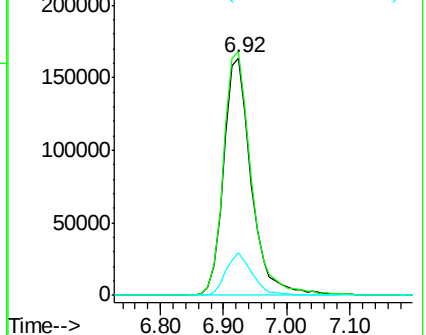
192 17.9 14.4 21.6



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: VD061512.D

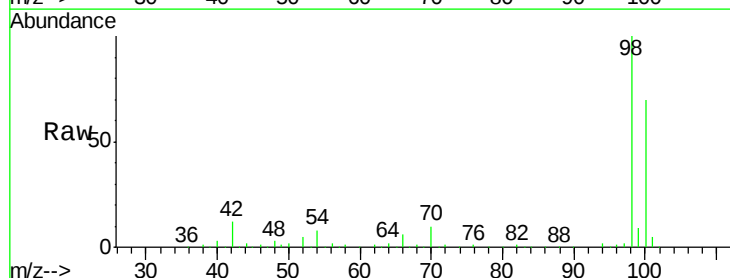
Acq: 2 Apr 2019 14:04

Tgt Ion: 98 Resp: 1154465

Ion Ratio Lower Upper

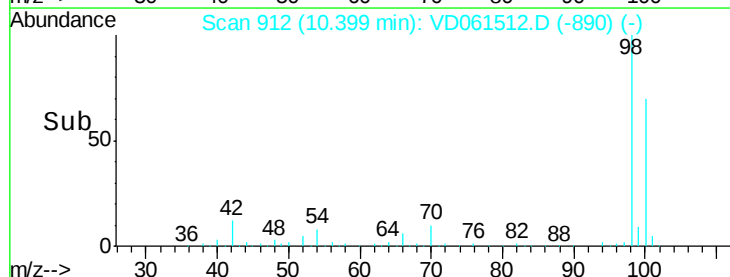
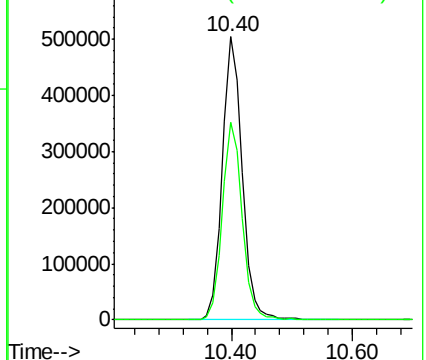
98 100

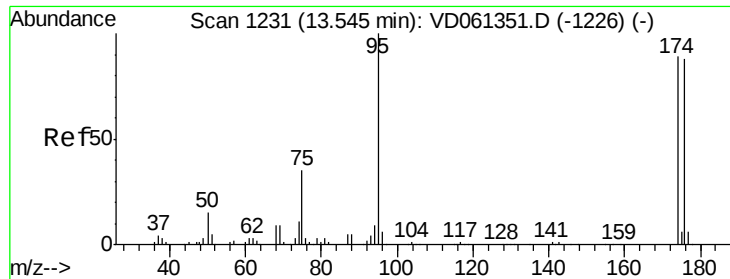
100 69.6 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

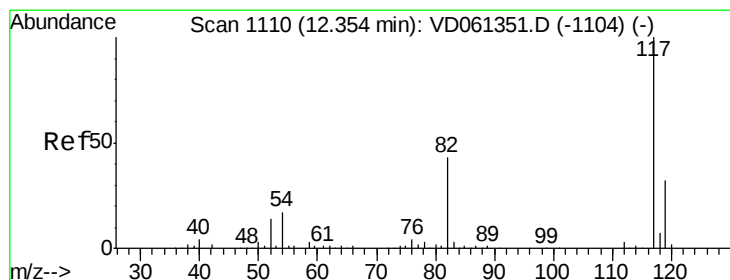
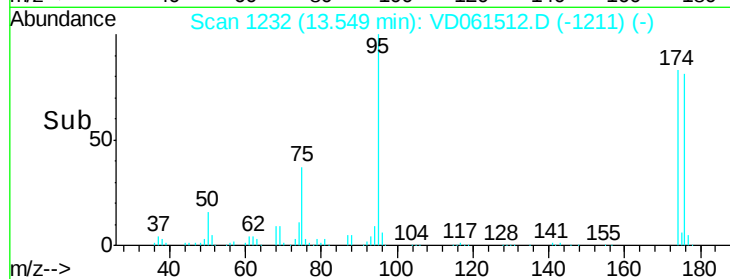
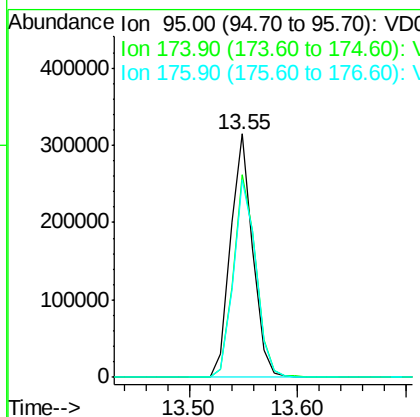
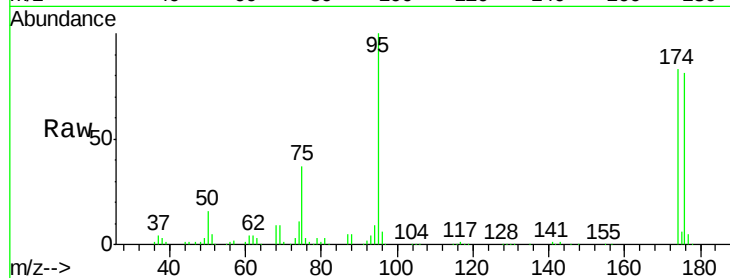




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061512.D
Acq: 2 Apr 2019 14:04

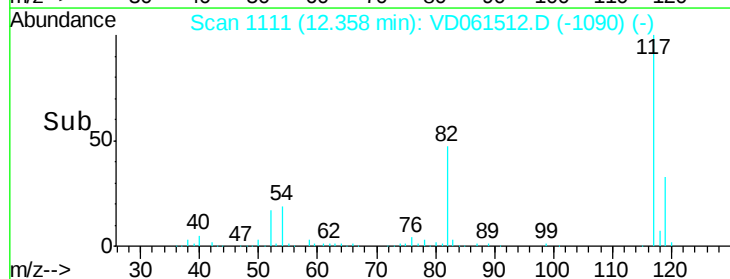
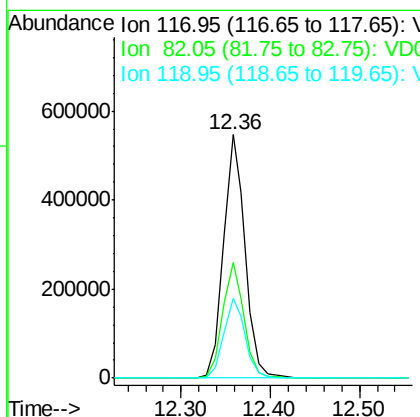
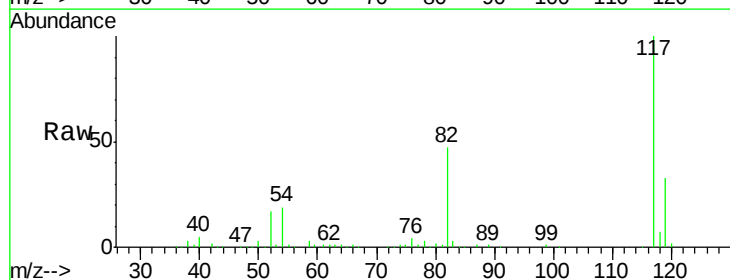
Instrument :
MSVOA_D
ClientSampleId :
VD0402SBL01

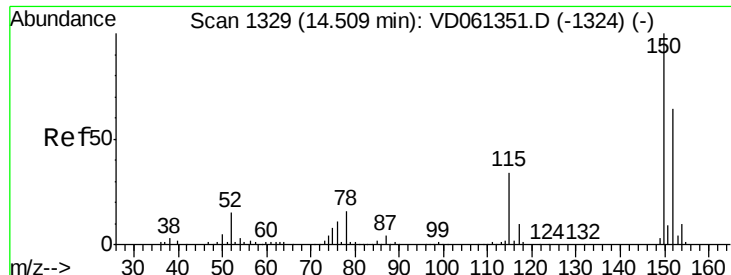
Tot Ion: 95 Resp: 448578
Ion Ratio Lower Upper
95 100
174 83.1 0.0 178.0
176 81.0 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061512.D
Acq: 2 Apr 2019 14:04

Tgt Ion: 117 Resp: 932751
Ion Ratio Lower Upper
117 100
82 47.3 34.4 51.6
119 32.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD061512.D

Acq: 2 Apr 2019 14:04

Instrument :

MSVOA_D

ClientSampleId :

VD0402SBL01

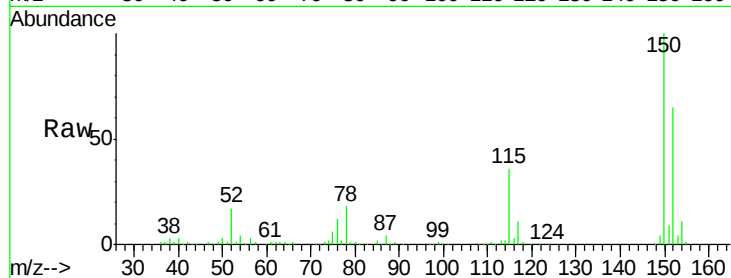
Tot Ion:152 Resp: 431750

Ion Ratio Lower Upper

152 100

115 55.1 26.9 80.6

150 153.6 0.0 318.0



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

