

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061577.D
 Acq On : 4 Apr 2019 14:15
 Operator : VA/AP
 Sample : VD0404SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0404SBL01

Quant Time: Apr 05 01:14:49 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	7.03	168	649048	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	1036110	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	772515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	380861	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	276698	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	6.90	113	431019	54.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.88%	
50) Toluene-d8	10.39	98	1051721	55.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.76%	
62) 4-Bromofluorobenzene	13.55	95	401430	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	

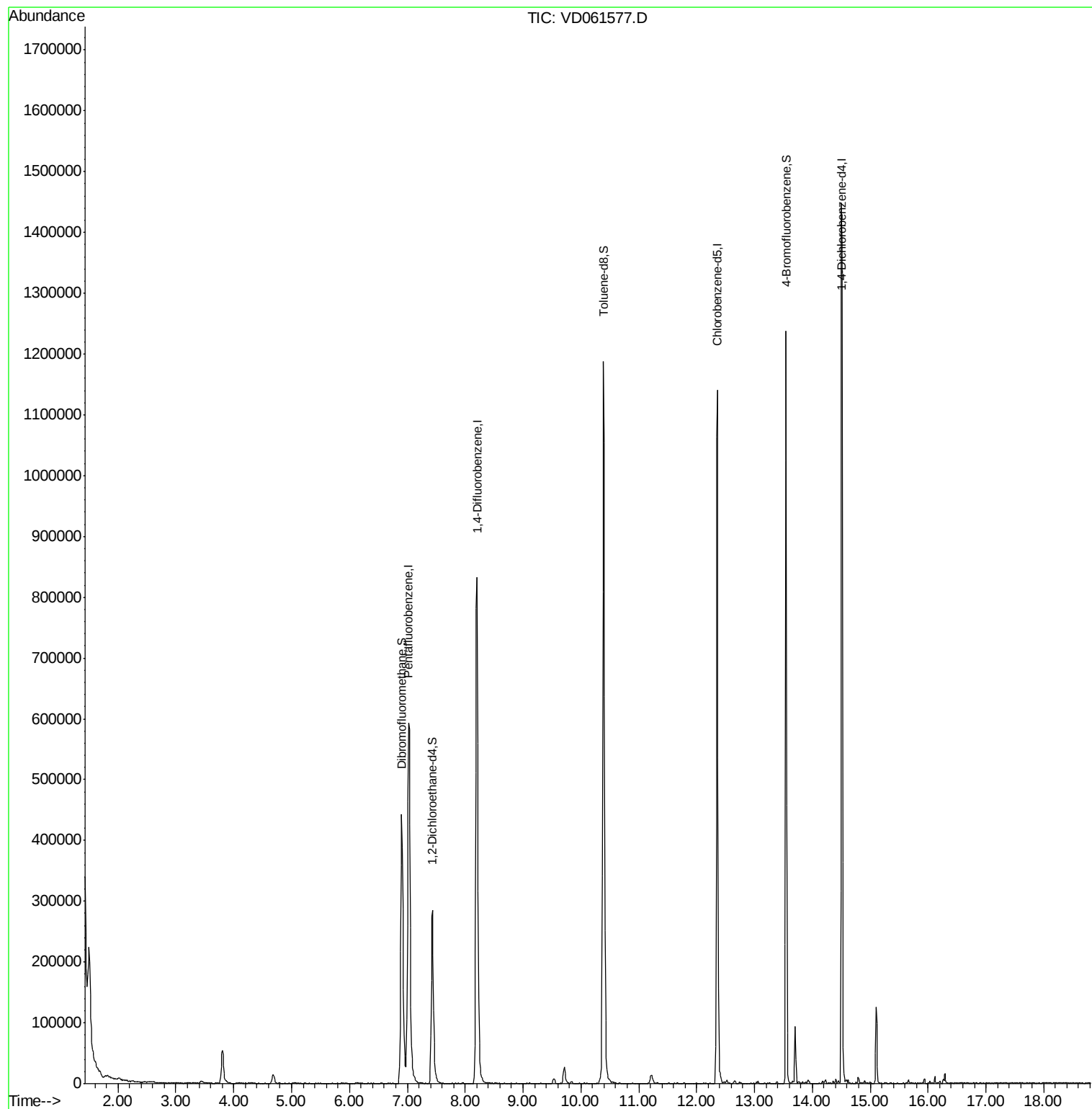
Target Compounds	Qvalue

(#) = 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: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD061577.D

Acq: 4 Apr 2019 14:15

Instrument :

MSVOA_D

ClientSampleId :

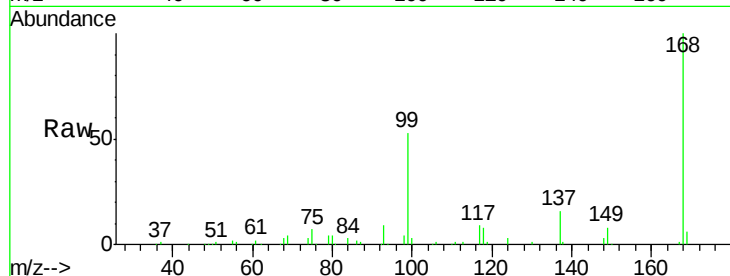
VD0404SBL01

Tot Ion:168 Resp: 649048

Ion Ratio Lower Upper

168 100

99 52.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

250000

200000

150000

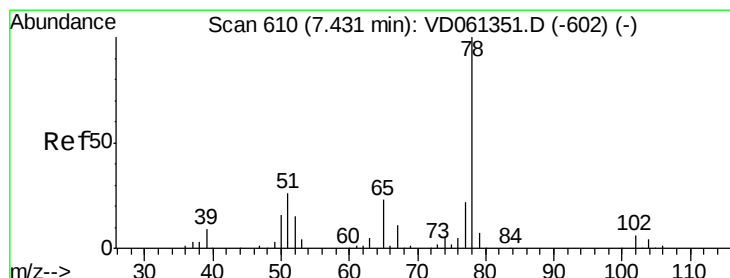
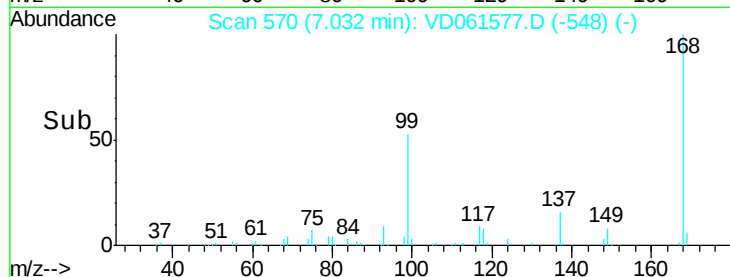
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD061577.D

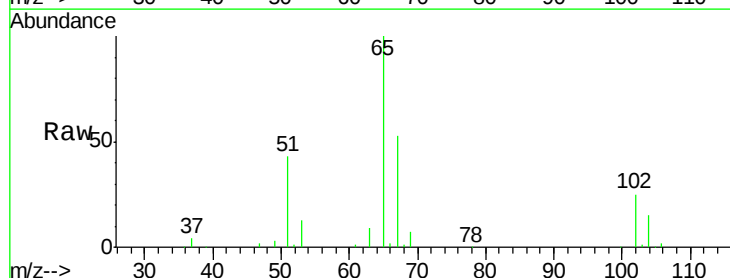
Acq: 4 Apr 2019 14:15

Tgt Ion: 65 Resp: 276698

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

120000

100000

80000

60000

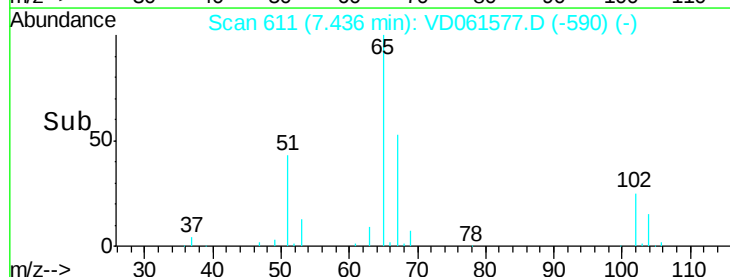
40000

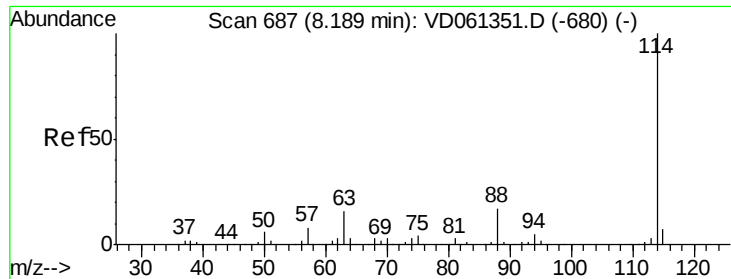
20000

0

7.30 7.40 7.50 7.60

Time-->

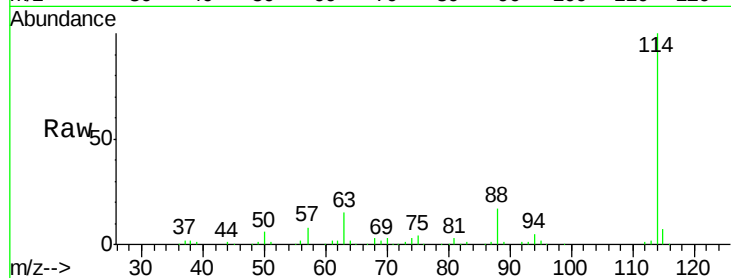




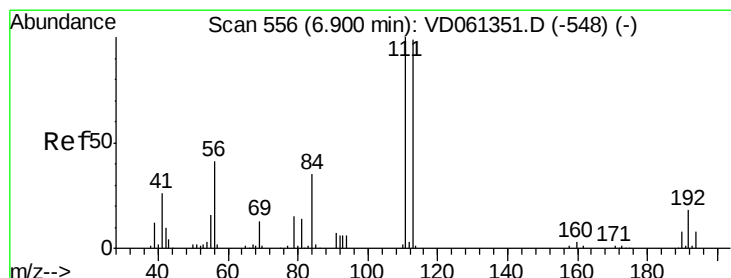
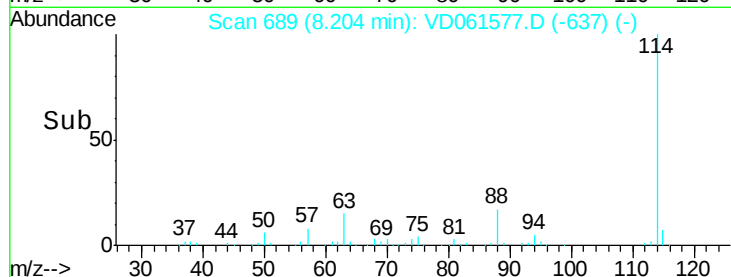
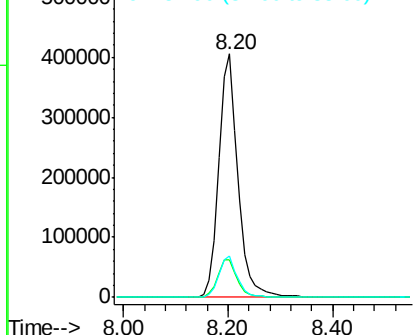
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061577.D
 Acq: 4 Apr 2019 14:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0404SBL01

Tot Ion:114 Resp: 1036110
 Ion Ratio Lower Upper
 114 100
 63 15.4 0.0 31.6
 88 16.9 0.0 33.4

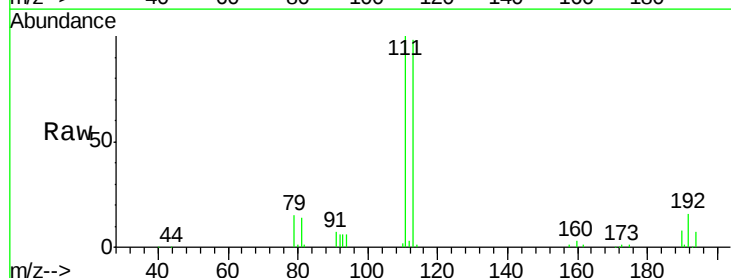


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

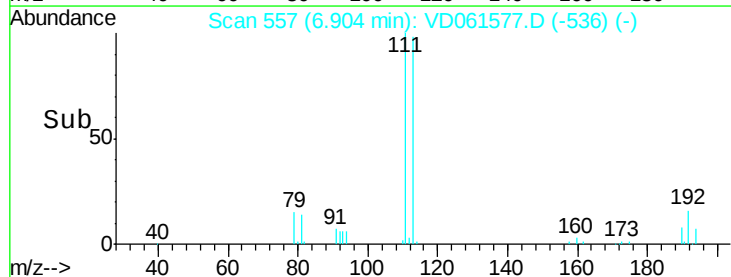
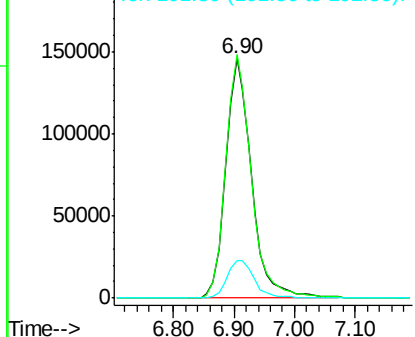


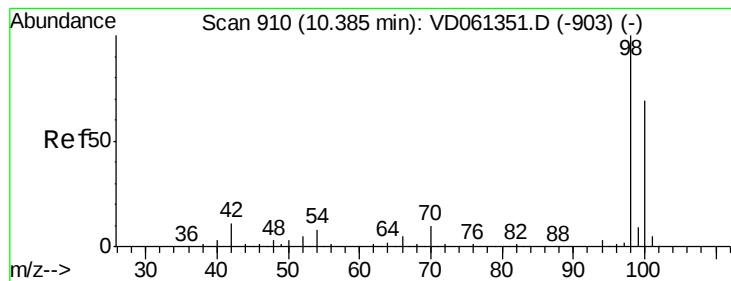
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VD061577.D
 Acq: 4 Apr 2019 14:15

Tgt Ion:113 Resp: 431019
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.0 121.6
 192 15.9 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: 10.39 min Scan# 911

Delta R.T. 0.00 min

Lab File: VD061577.D

Acq: 4 Apr 2019 14:15

Instrument :

MSVOA_D

ClientSampleId :

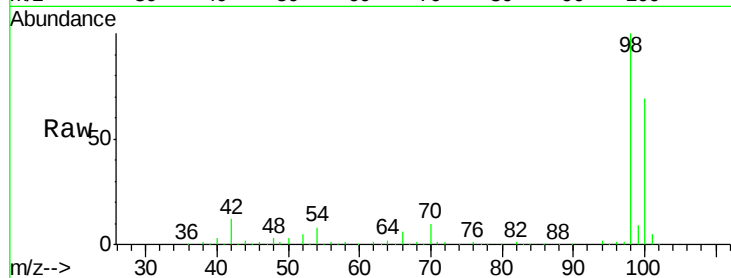
VD0404SBL01

Tot Ion: 98 Resp: 1051721

Ion Ratio Lower Upper

98 100

100 69.3 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

10.39

400000

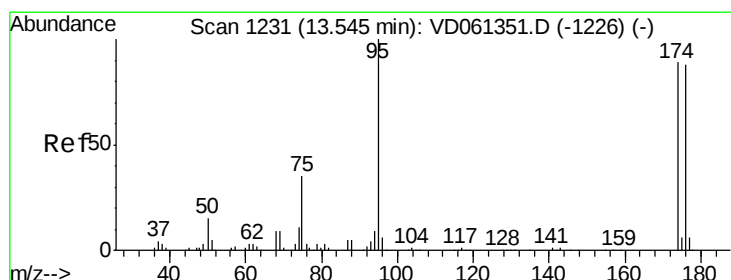
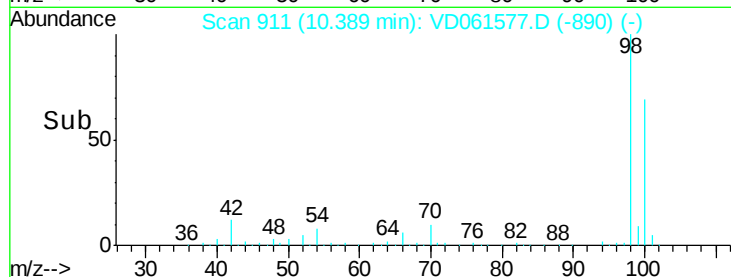
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061577.D

Acq: 4 Apr 2019 14:15

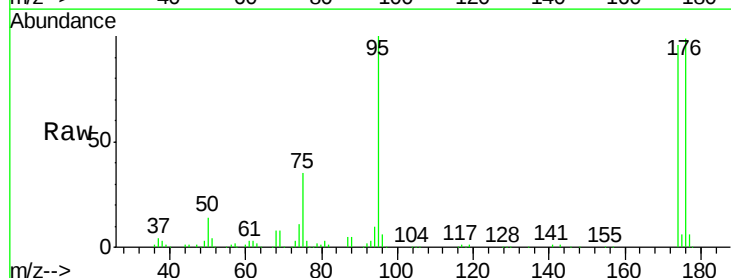
Tgt Ion: 95 Resp: 401430

Ion Ratio Lower Upper

95 100

174 96.3 0.0 178.0

176 98.6 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

13.55

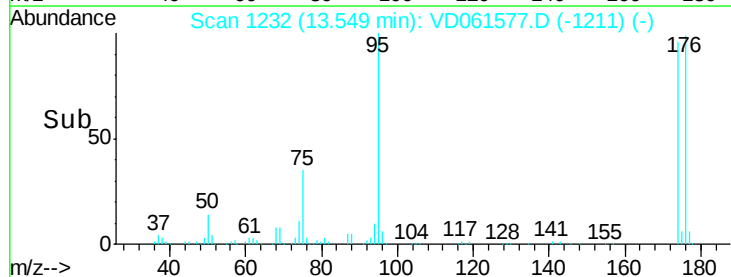
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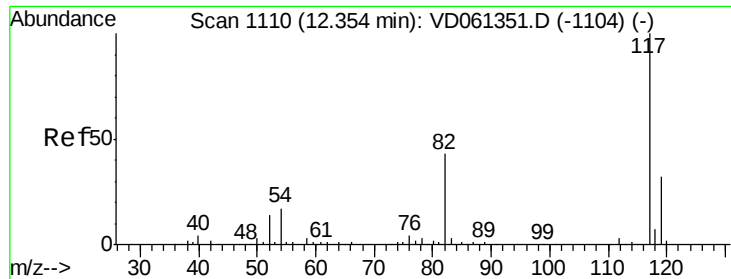
200000

100000

0

Time-->

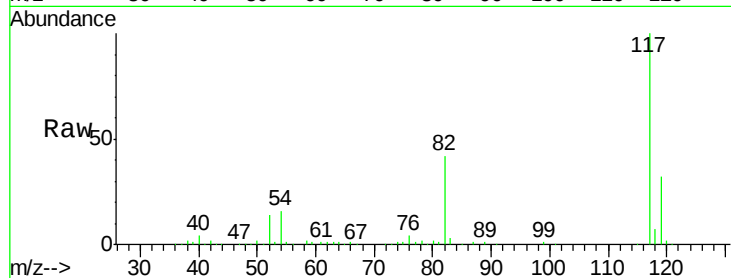




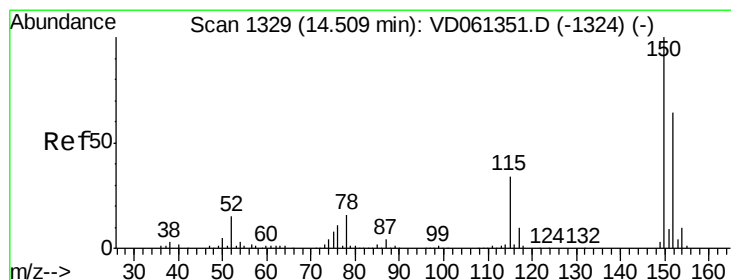
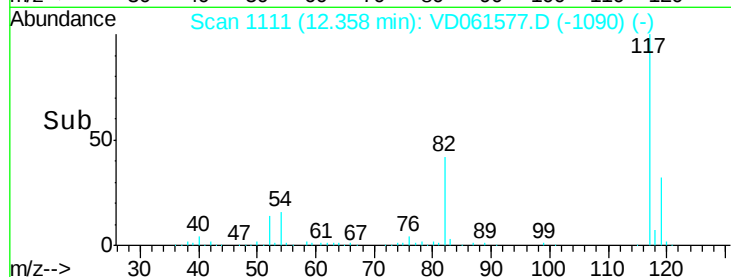
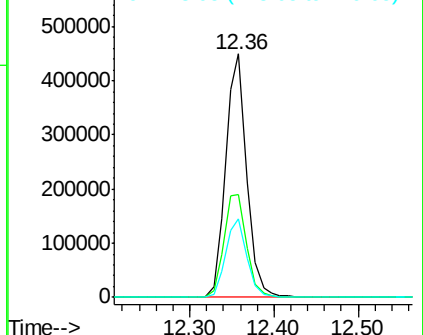
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061577.D
Acq: 4 Apr 2019 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD0404SBL01

Tot Ion:117 Resp: 772515
Ion Ratio Lower Upper
117 100
82 42.1 34.4 51.6
119 32.3 25.8 38.6

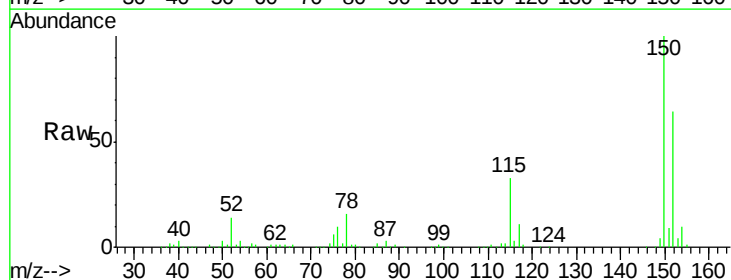


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061577.D
Acq: 4 Apr 2019 14:15

Tgt Ion:152 Resp: 380861
Ion Ratio Lower Upper
152 100
115 51.3 26.9 80.6
150 155.6 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

