

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020619\
 Data File : VN053625.D
 Acq On : 6 Feb 2019 10:47
 Operator : JC/SP
 Sample : VN0206WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBL01

Quant Time: Feb 07 03:59:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	694659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1113631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1004792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	396461	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	357283	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	7.59	113	353839	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	10.09	98	1335508	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.40	95	430138	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

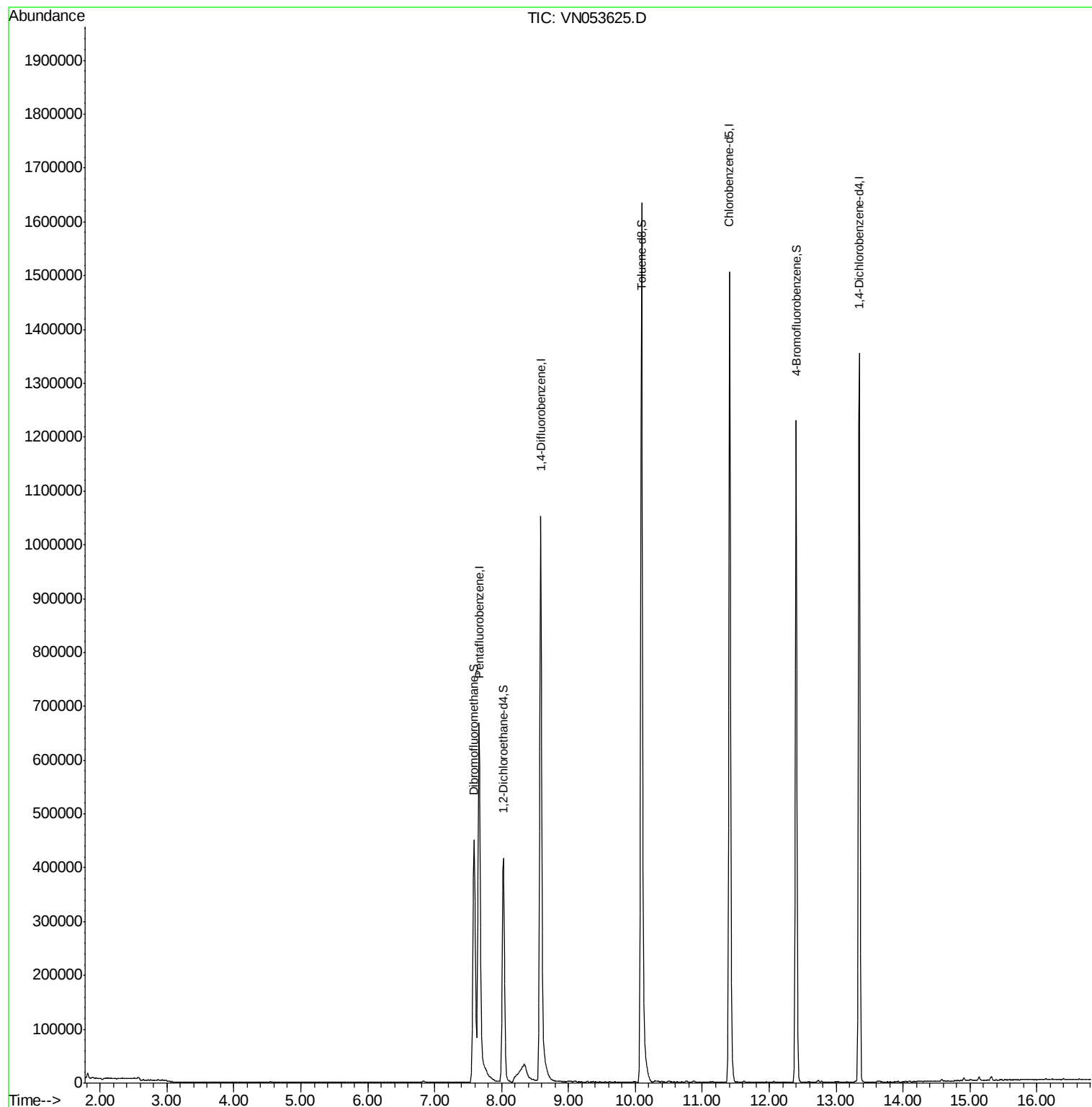
Target Compounds	Qvalue
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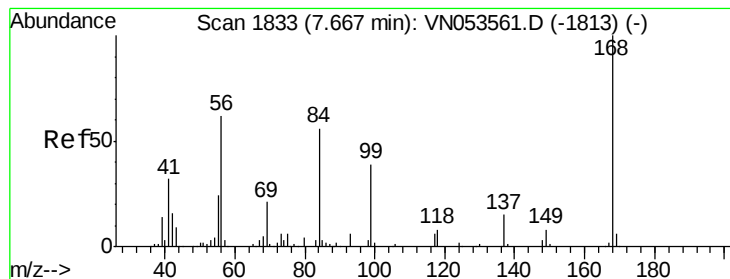
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053625.D

Acq: 6 Feb 2019 10:47

Instrument :

MSVOA_N

ClientSampleId :

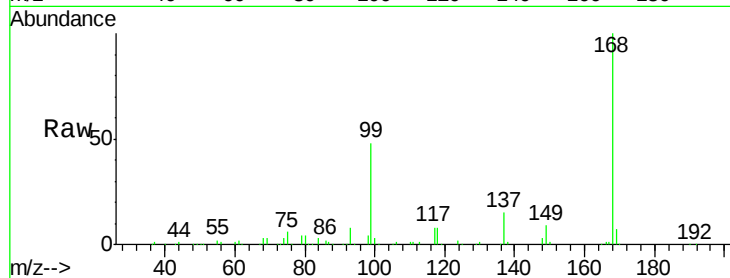
VN0206WBL01

Tot Ion:168 Resp: 694659

Ion Ratio Lower Upper

168 100

99 48.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

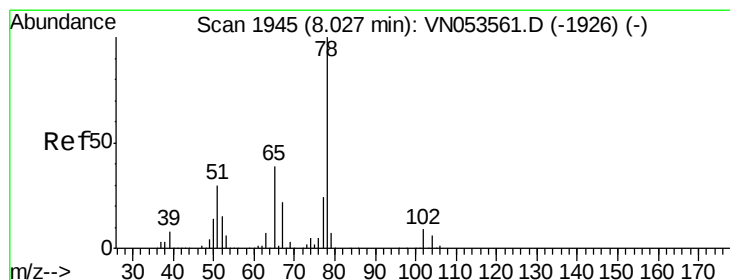
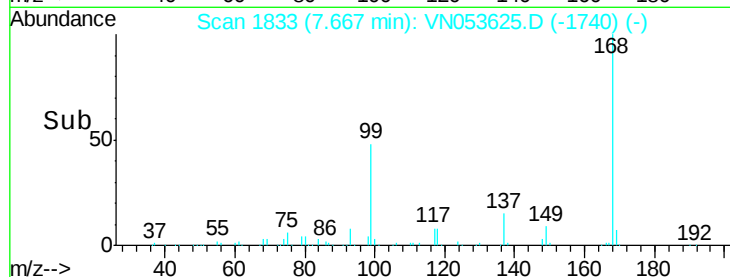
100000

50000

0

Time-->

7.60 7.80



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053625.D

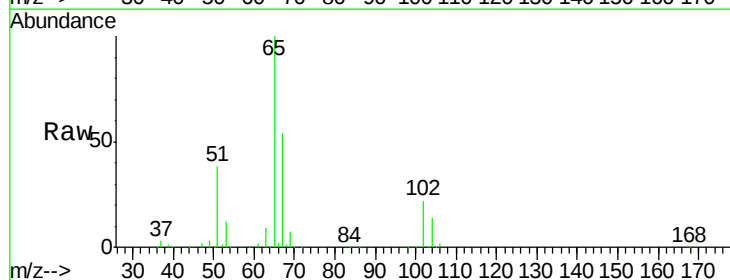
Acq: 6 Feb 2019 10:47

Tgt Ion: 65 Resp: 357283

Ion Ratio Lower Upper

65 100

67 54.8 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

150000

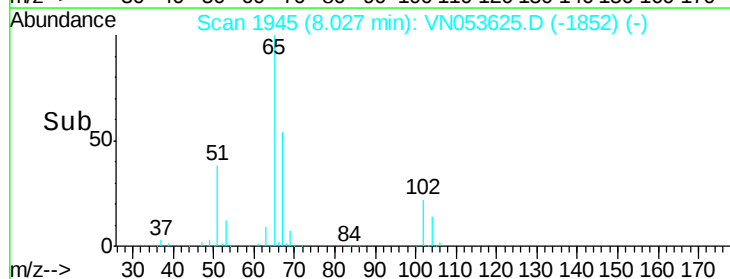
100000

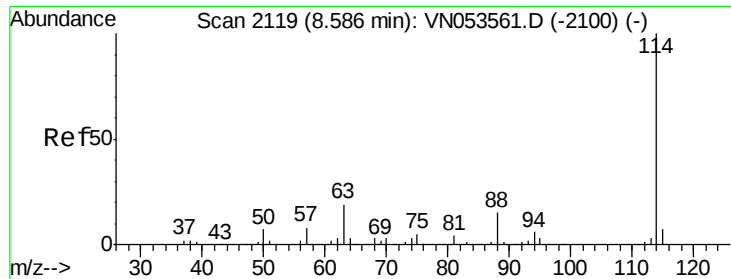
50000

0

Time-->

7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053625.D

Acq: 6 Feb 2019 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN0206WBL01

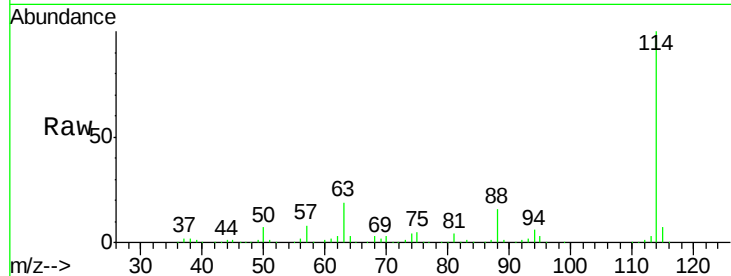
Tot Ion:114 Resp: 1113631

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

88 15.5 0.0 30.4



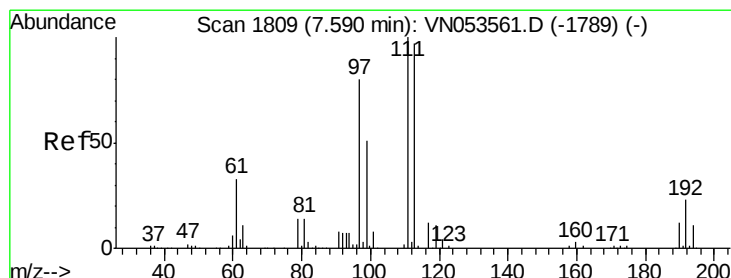
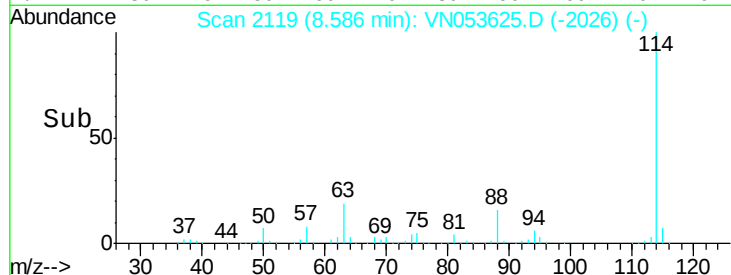
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN

8.59

Time-->



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053625.D

Acq: 6 Feb 2019 10:47

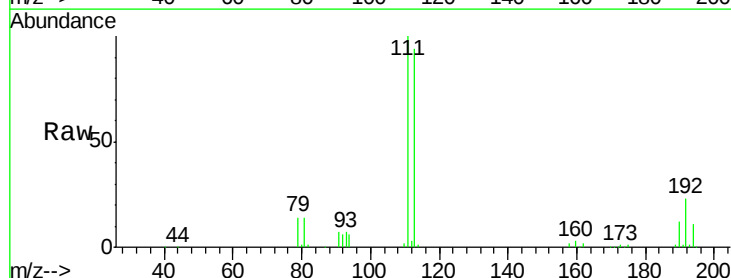
Tgt Ion:113 Resp: 353839

Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

192 23.7 18.2 27.2



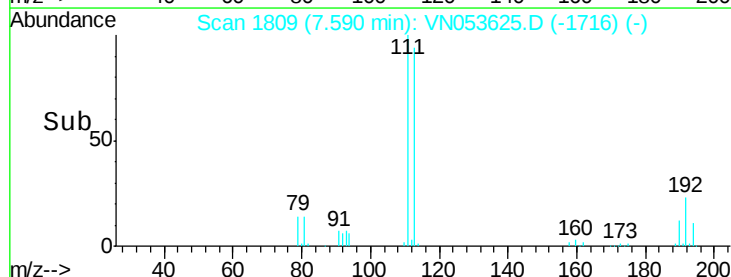
Abundance Ion 112.80 (112.50 to 113.50): V

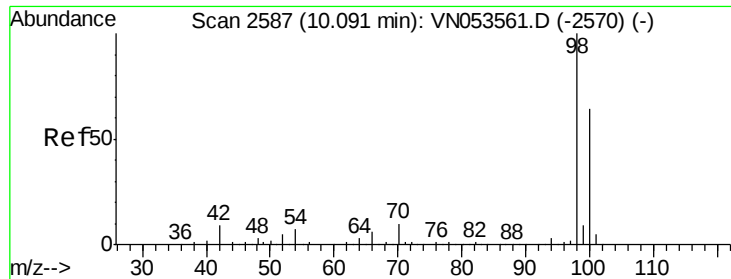
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.59

Time-->





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053625.D

Acq: 6 Feb 2019 10:47

Instrument :

MSVOA_N

ClientSampleId :

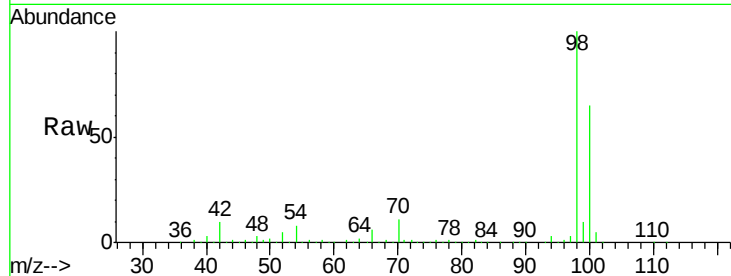
VN0206WBL01

Tot Ion: 98 Resp: 1335508

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053561.D (-2570) (-)

10.09

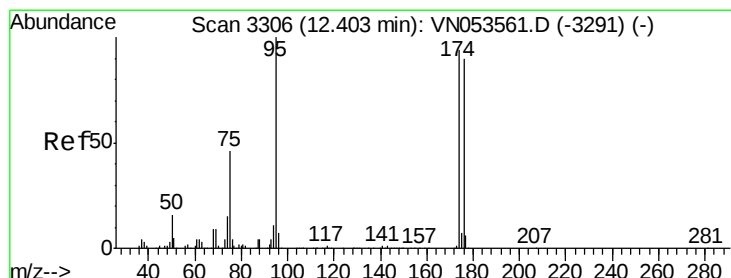
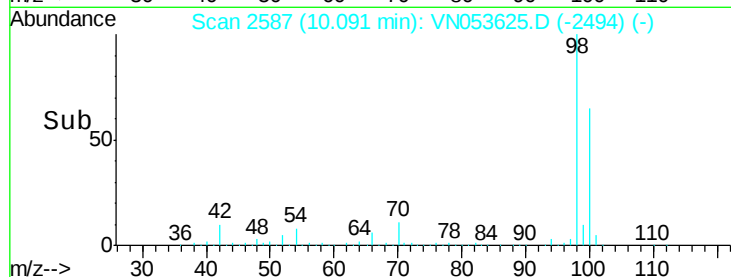
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053625.D

Acq: 6 Feb 2019 10:47

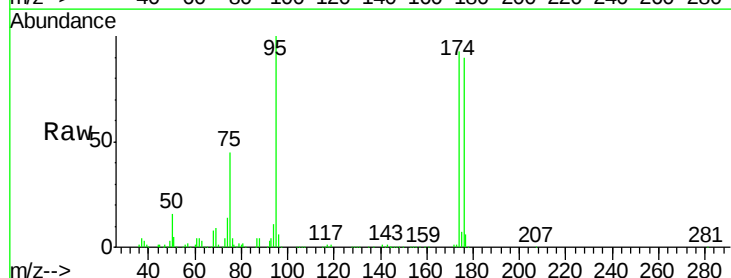
Tgt Ion: 95 Resp: 430138

Ion Ratio Lower Upper

95 100

174 93.1 0.0 183.2

176 90.8 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)

12.40

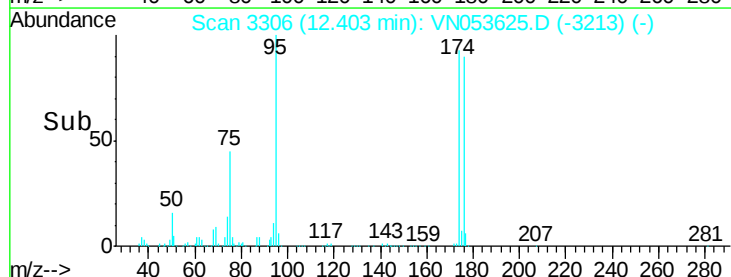
300000

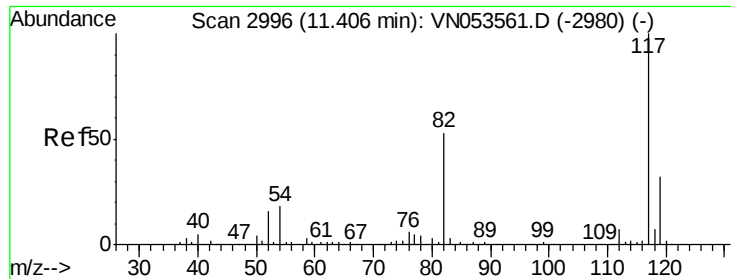
200000

100000

0

Time-->

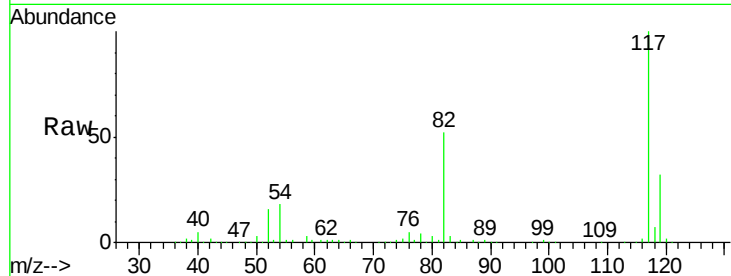




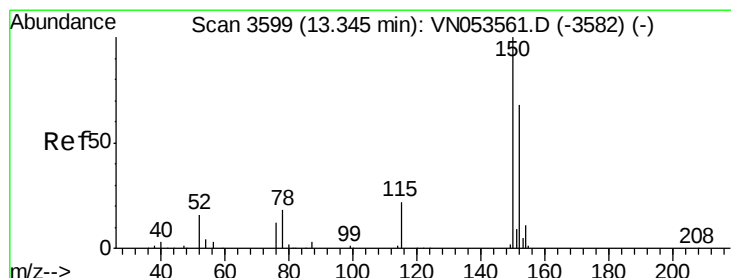
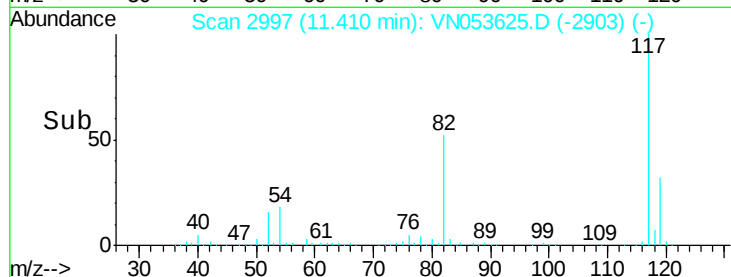
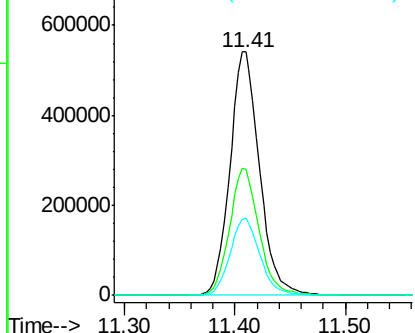
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053625.D
Acq: 6 Feb 2019 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBL01

Tot Ion:117 Resp: 1004792
Ion Ratio Lower Upper
117 100
82 51.7 42.9 64.3
119 31.8 26.0 39.0

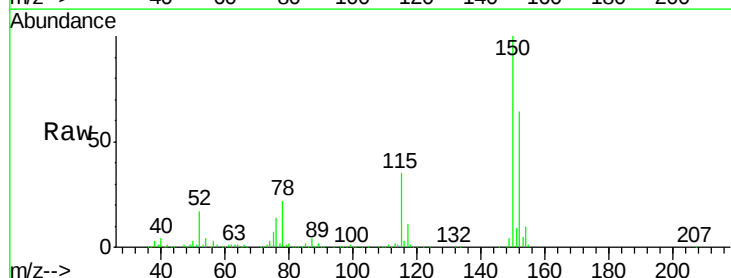


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053625.D
Acq: 6 Feb 2019 10:47

Tgt Ion:152 Resp: 396461
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.4
150 157.3 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

