

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053721.D
 Acq On : 12 Feb 2019 10:57
 Operator : JC/SP
 Sample : VN0212WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0212WBL01

Quant Time: Feb 13 04:39:16 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	7.66	168	725965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1203149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1092230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	427068	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	384496	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
35) Dibromofluoromethane	7.59	113	378165	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	10.09	98	1438441	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.40	95	474956	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	

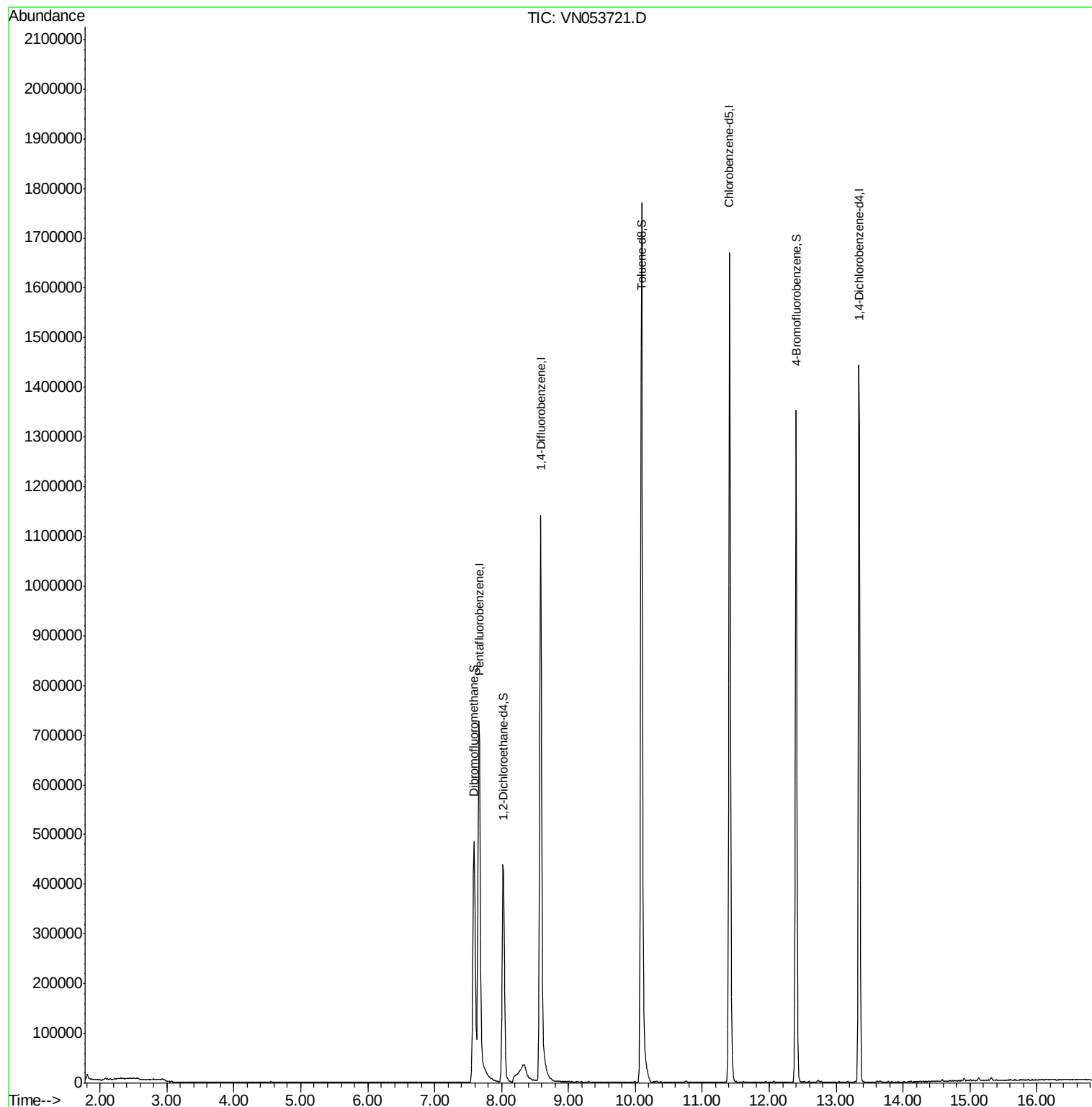
Target Compounds	Qvalue

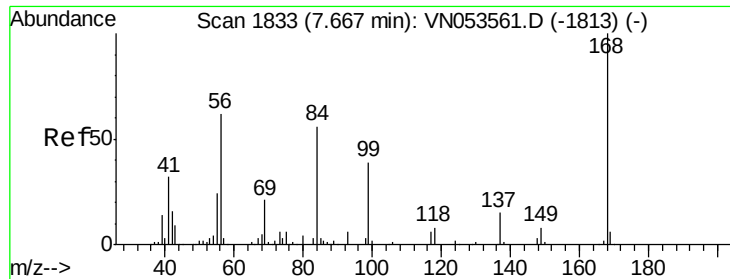
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053721.D

Acq: 12 Feb 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

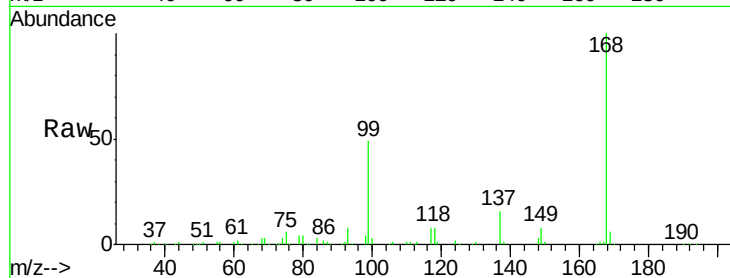
VN0212WBL01

Tot Ion:168 Resp: 725965

Ion Ratio Lower Upper

168 100

99 48.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

250000

200000

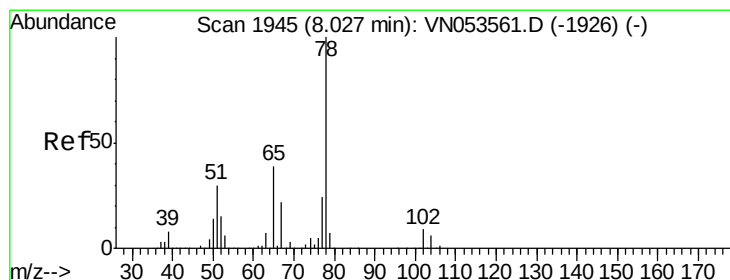
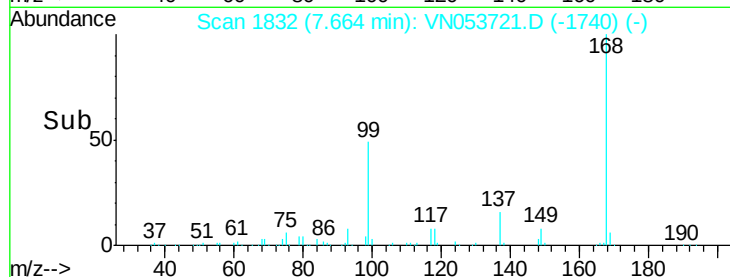
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 52.795 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053721.D

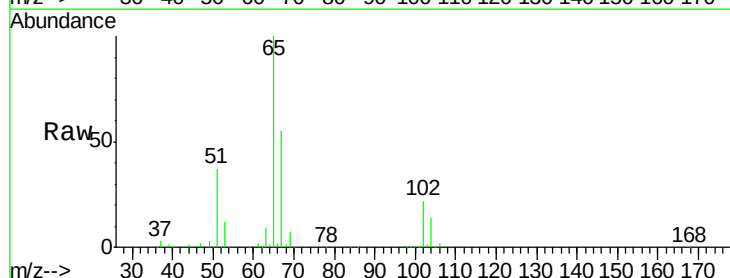
Acq: 12 Feb 2019 10:57

Tgt Ion: 65 Resp: 384496

Ion Ratio Lower Upper

65 100

67 55.3 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

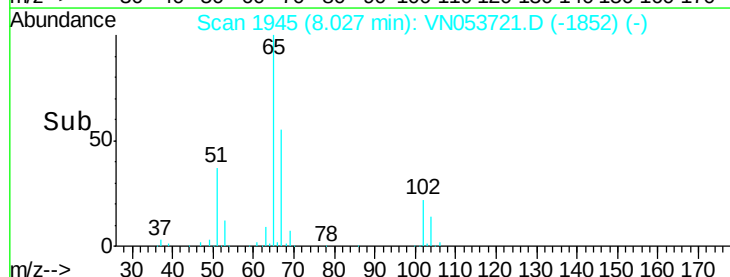
150000

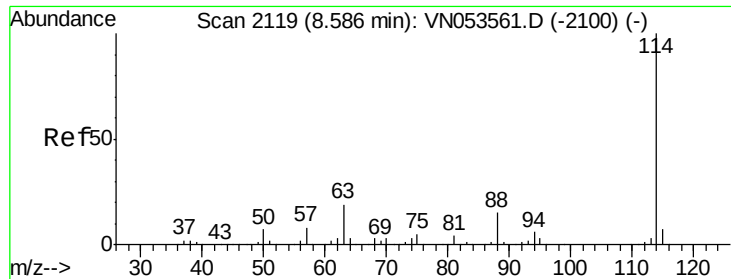
100000

50000

0

Time--> 7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053721.D

Acq: 12 Feb 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN0212WBL01

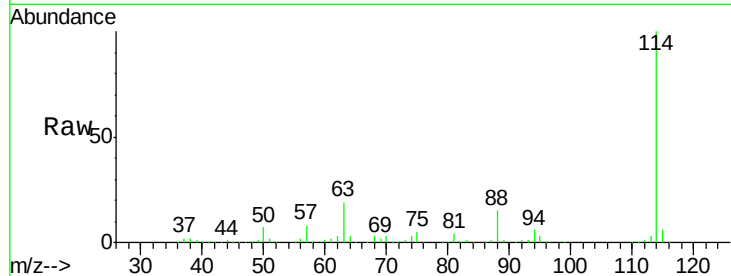
Tot Ion:114 Resp: 1203149

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

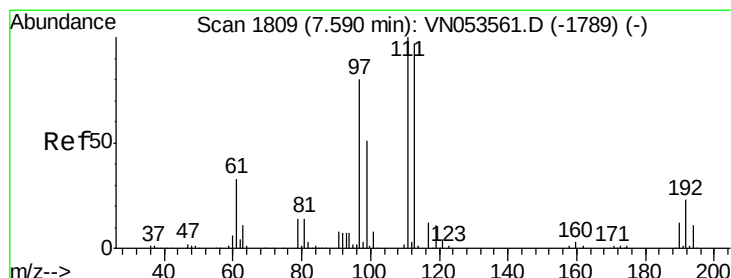
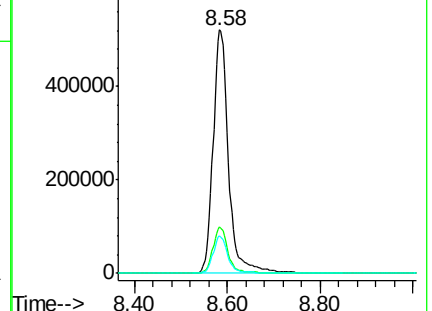
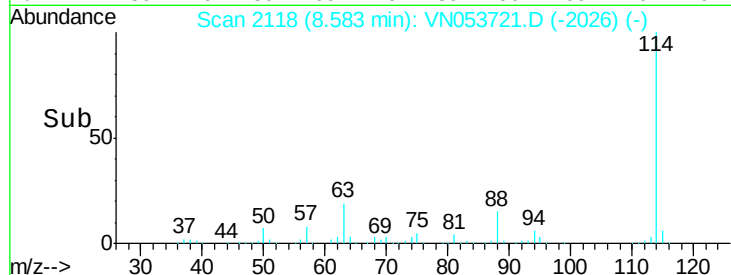
88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.743 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053721.D

Acq: 12 Feb 2019 10:57

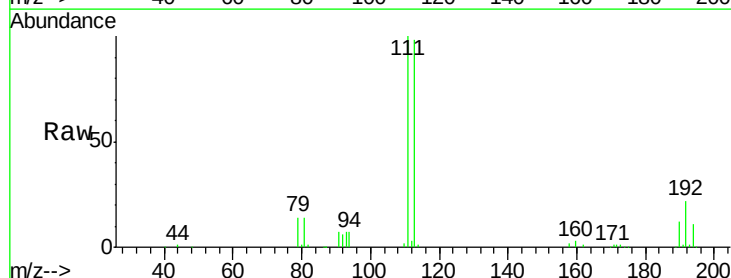
Tgt Ion:113 Resp: 378165

Ion Ratio Lower Upper

113 100

111 102.9 81.1 121.7

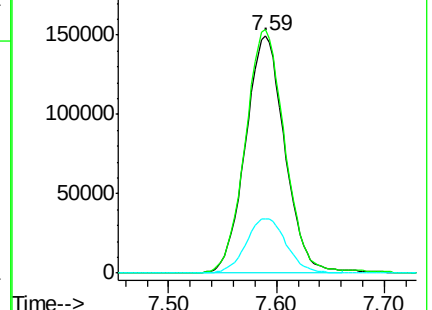
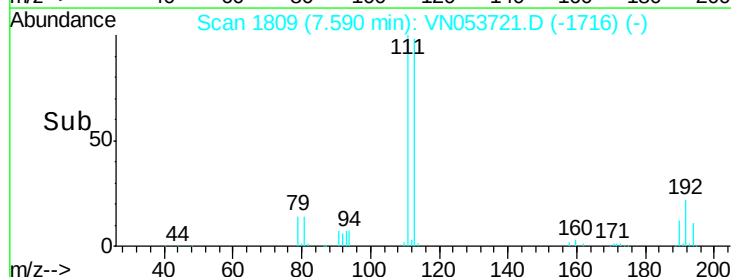
192 23.6 18.2 27.2

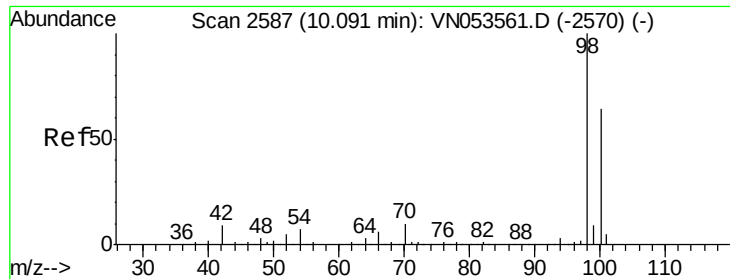


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.391 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053721.D

Acq: 12 Feb 2019 10:57

Instrument :

MSVOA_N

ClientSampleId :

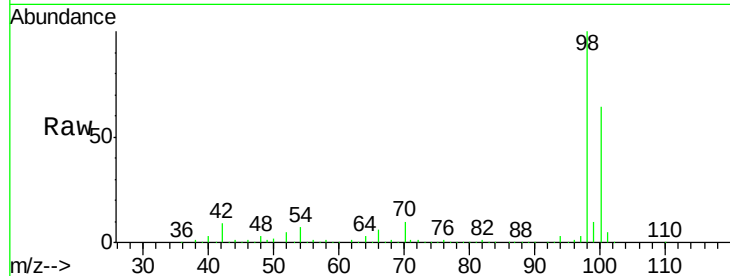
VN0212WBL01

Tot Ion: 98 Resp: 1438441

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0



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

Ion 100.00 (99.70 to 100.70): VN053721.D (-2494) (-)

10.09

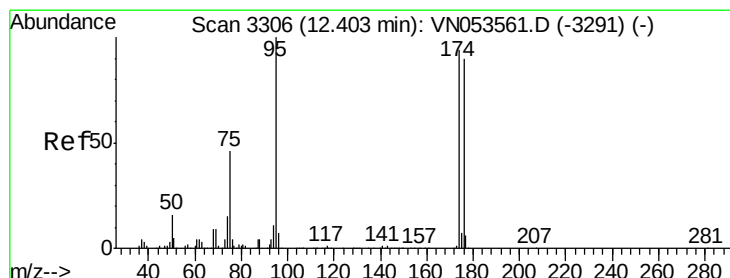
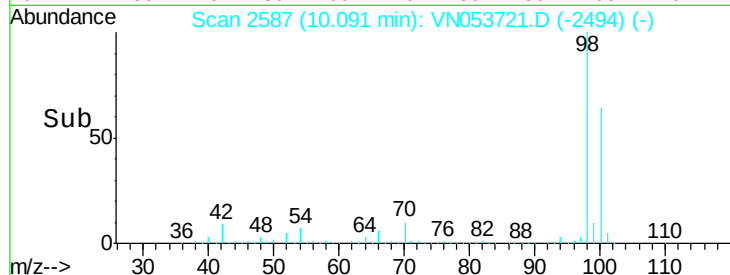
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.889 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053721.D

Acq: 12 Feb 2019 10:57

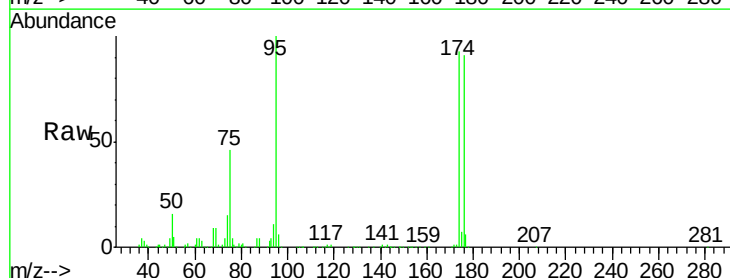
Tgt Ion: 95 Resp: 474956

Ion Ratio Lower Upper

95 100

174 93.9 0.0 183.2

176 91.4 0.0 177.4



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

Ion 173.80 (173.50 to 174.50): VN053721.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053721.D (-3213) (-)

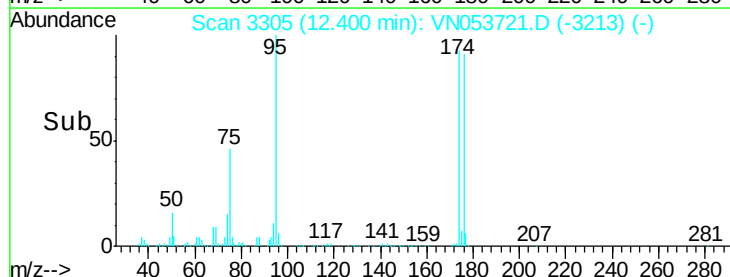
300000

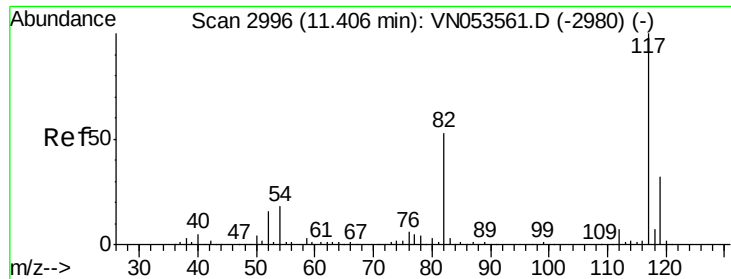
200000

100000

0

Time-->

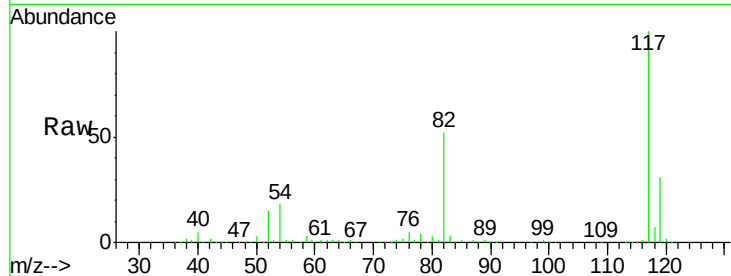




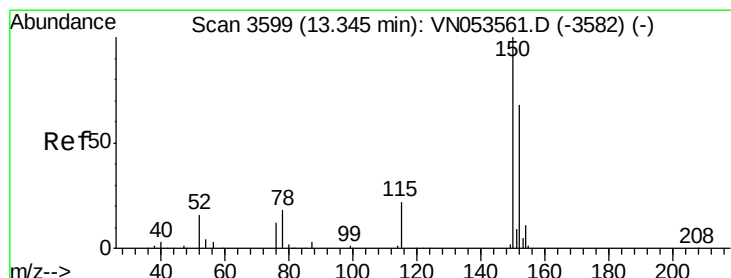
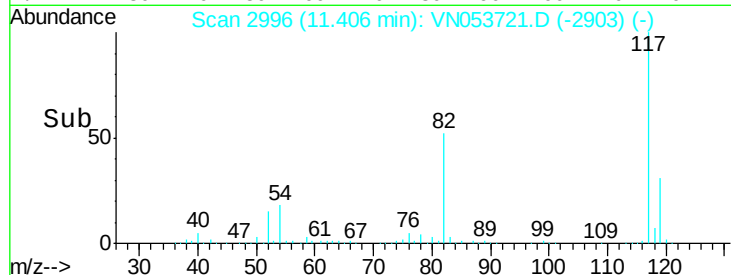
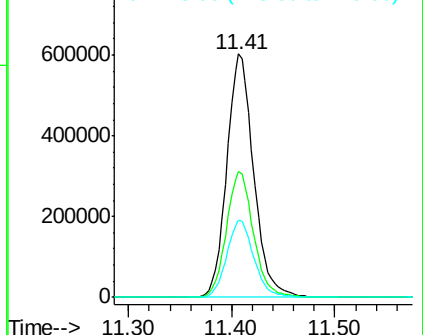
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053721.D
Acq: 12 Feb 2019 10:57

Instrument :
MSVOA_N
ClientSampled :
VN0212WBL01

Tot Ion:117 Resp: 1092230
Ion Ratio Lower Upper
117 100
82 51.9 42.9 64.3
119 31.5 26.0 39.0

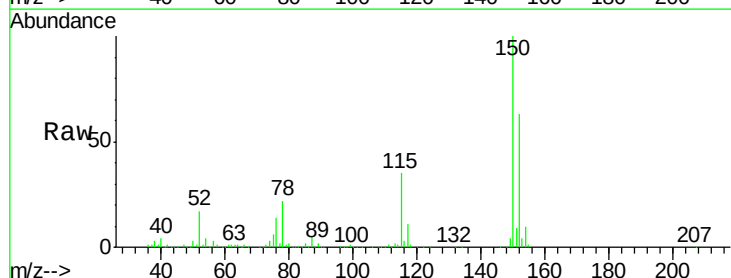


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053721.D
Acq: 12 Feb 2019 10:57

Tgt Ion:152 Resp: 427068
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.4
150 157.7 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

