

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN053997.D
 Acq On : 28 Feb 2019 12:06
 Operator : JC/SP
 Sample : PB117454TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117454TB

Quant Time: Mar 01 04:19:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	587375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1079251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1053753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	350041	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	380466	55.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.52%	
35) Dibromofluoromethane	7.59	113	346849	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	10.09	98	1393863	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	
62) 4-Bromofluorobenzene	12.40	95	440995	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	

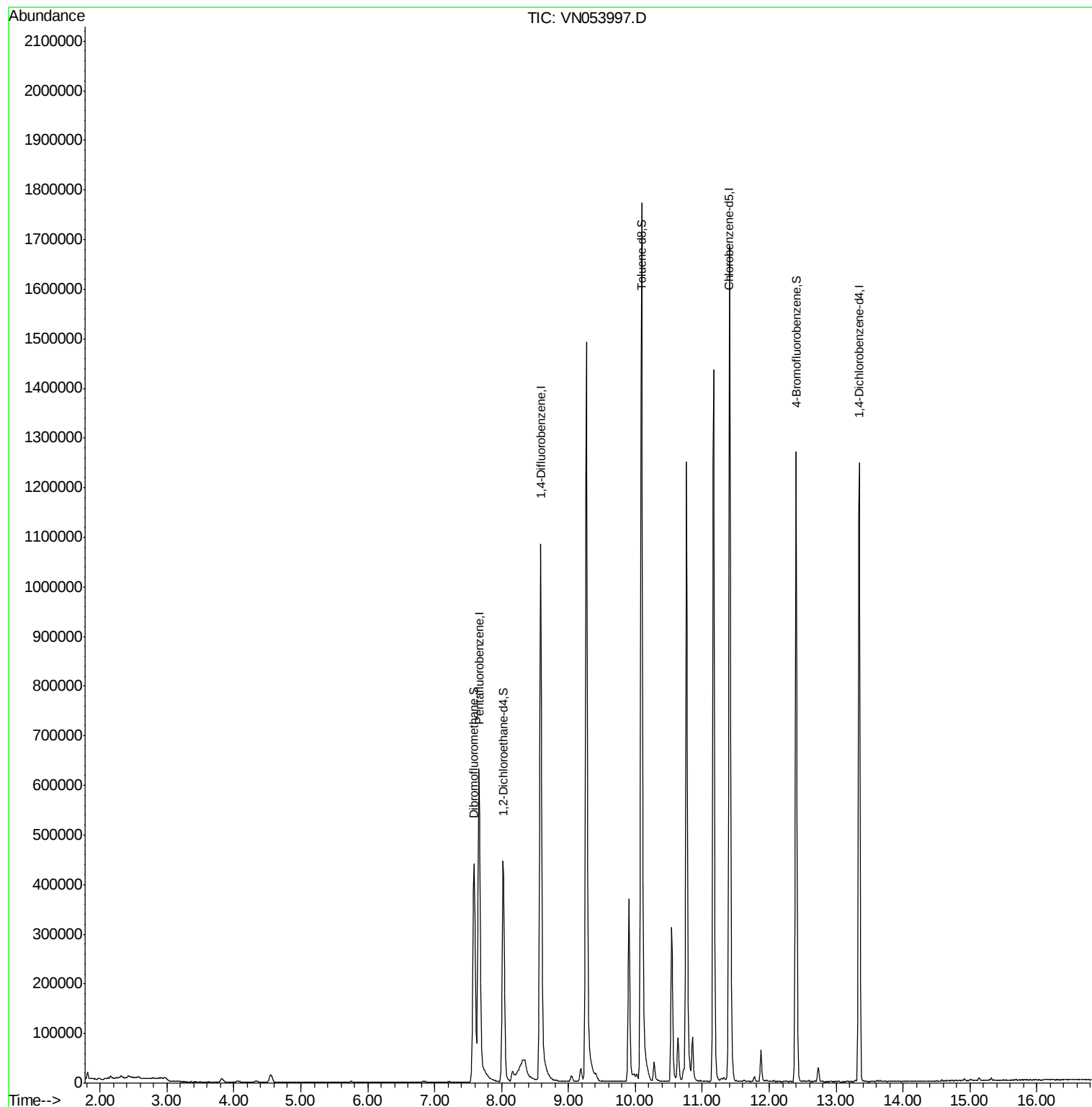
Target Compounds	Qvalue
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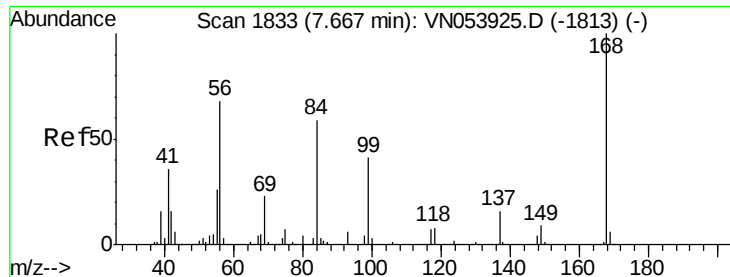
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 28 04:05:45 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: VN053997.D

Acq: 28 Feb 2019 12:06

Instrument :

MSVOA_N

ClientSampled :

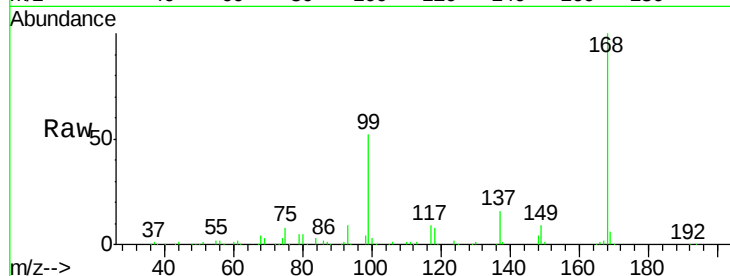
PB117454TB

Tot Ion:168 Resp: 587375

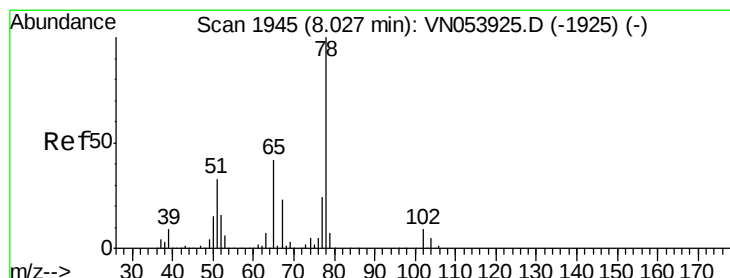
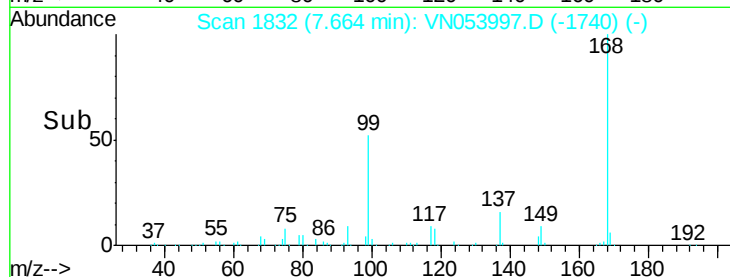
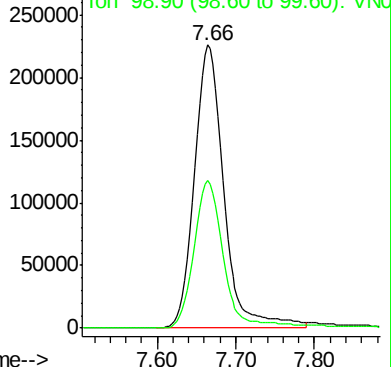
Ion Ratio Lower Upper

168 100

99 52.2 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN053997.D (-1740) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.257 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053997.D

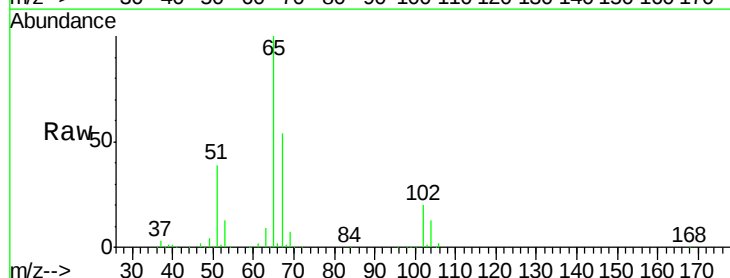
Acq: 28 Feb 2019 12:06

Tgt Ion: 65 Resp: 380466

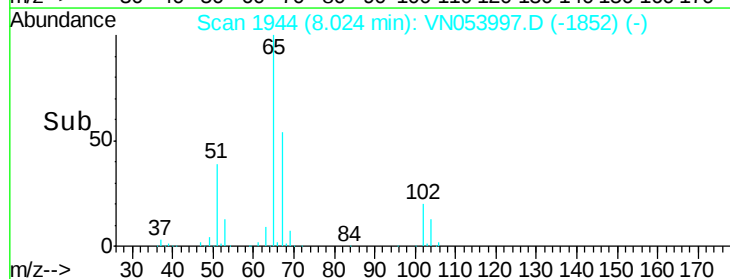
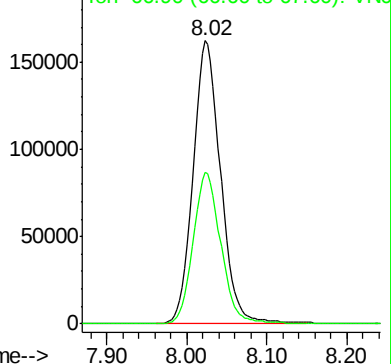
Ion Ratio Lower Upper

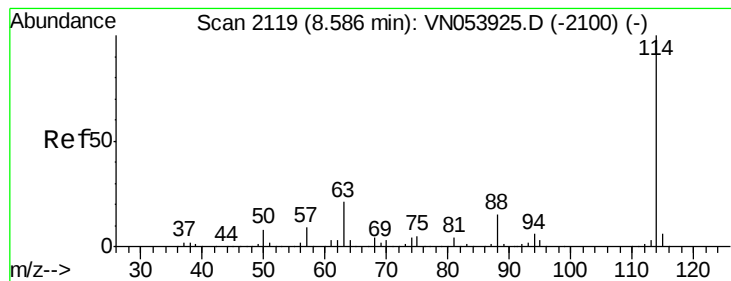
65 100

67 54.2 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053997.D (-1852) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053997.D

Acq: 28 Feb 2019 12:06

Instrument :

MSVOA_N

ClientSampleId :

PB117454TB

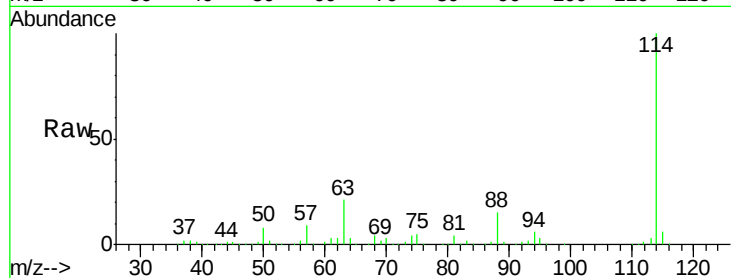
Tot Ion:114 Resp: 1079251

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

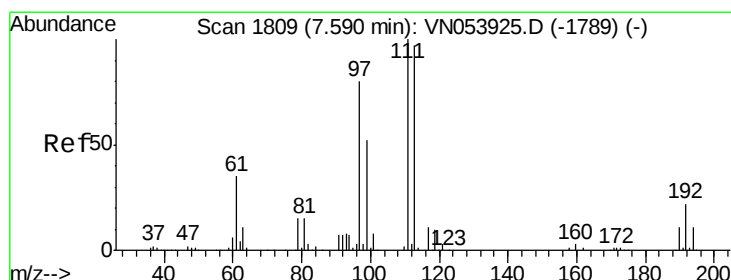
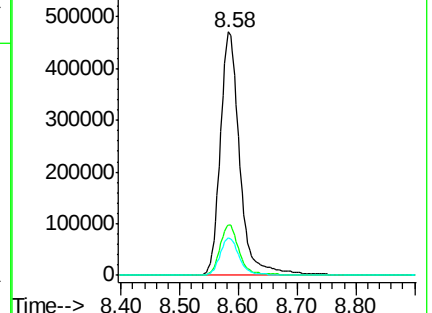
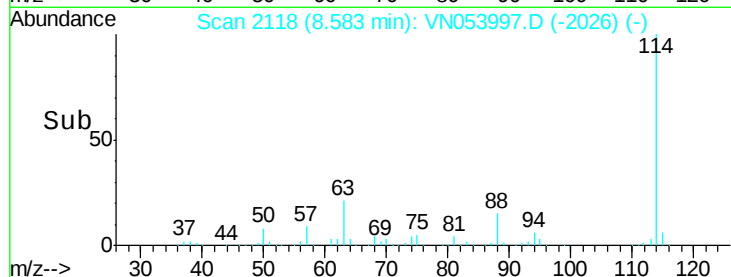
88 15.4 0.0 30.4



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: 49.699 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053997.D

Acq: 28 Feb 2019 12:06

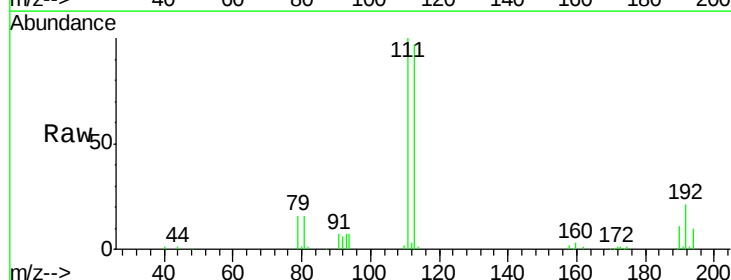
Tgt Ion:113 Resp: 346849

Ion Ratio Lower Upper

113 100

111 103.5 81.1 121.7

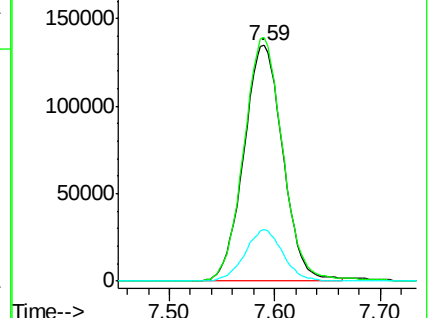
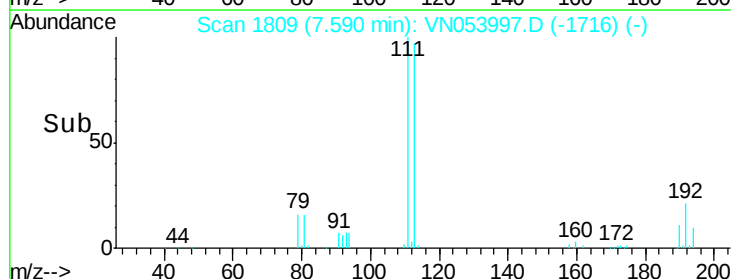
192 21.2 18.8 28.2

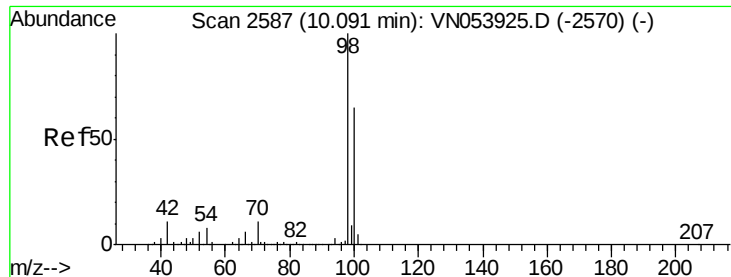


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.651 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN053997.D

Acq: 28 Feb 2019 12:06

Instrument :

MSVOA_N

ClientSampleId :

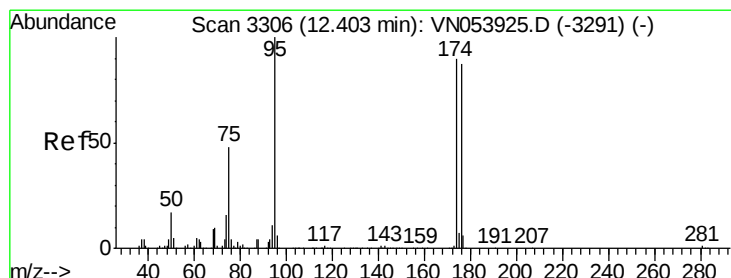
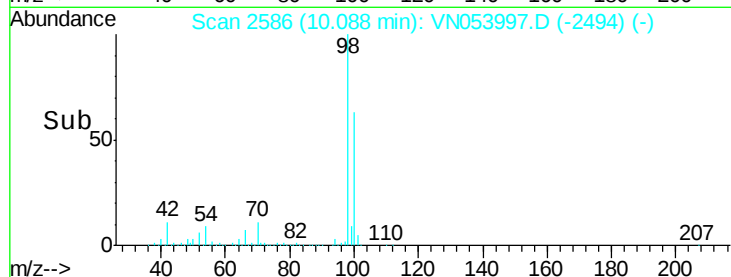
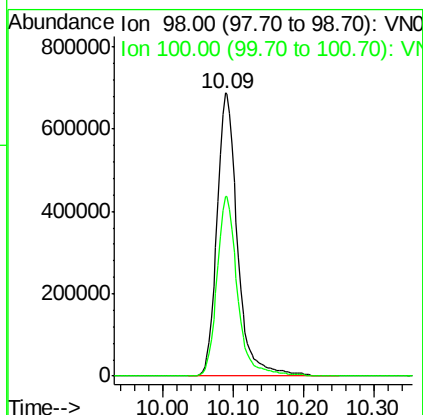
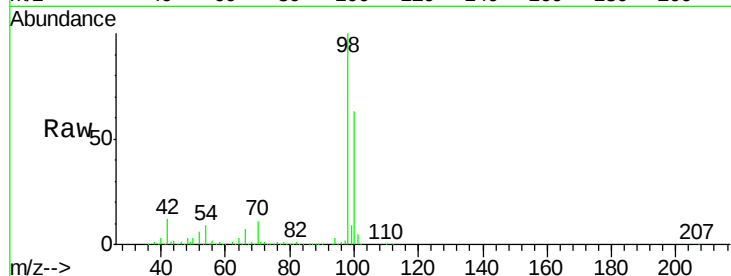
PB117454TB

Tot Ion: 98 Resp: 1393863

Ion Ratio Lower Upper

98 100

100 63.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 50.948 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053997.D

Acq: 28 Feb 2019 12:06

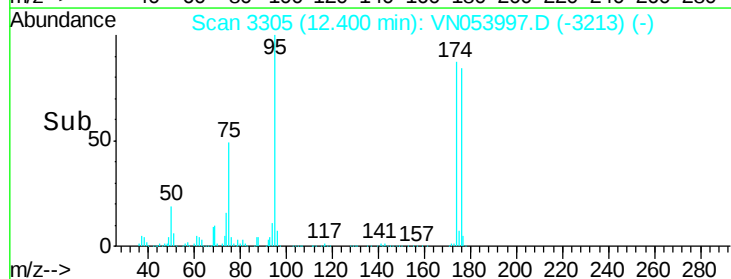
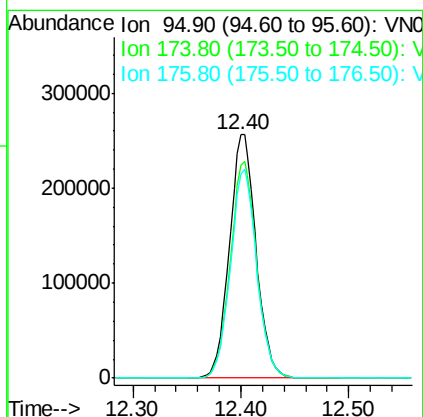
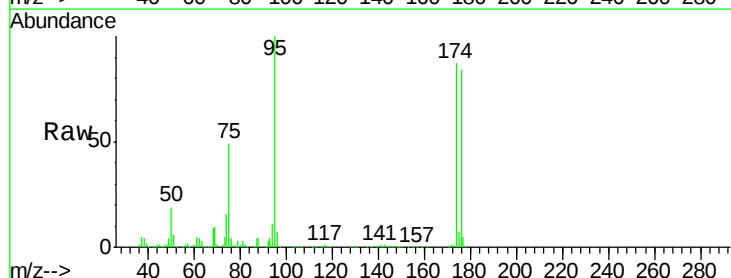
Tgt Ion: 95 Resp: 440995

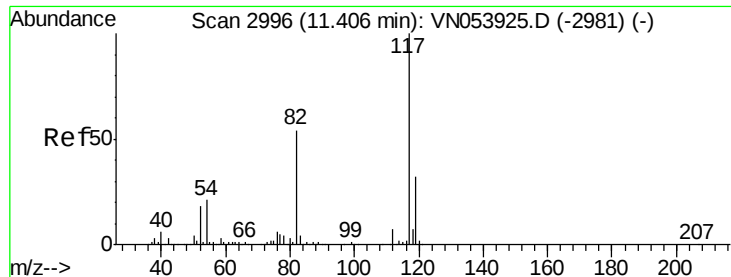
Ion Ratio Lower Upper

95 100

174 88.0 0.0 188.8

176 84.7 0.0 182.6

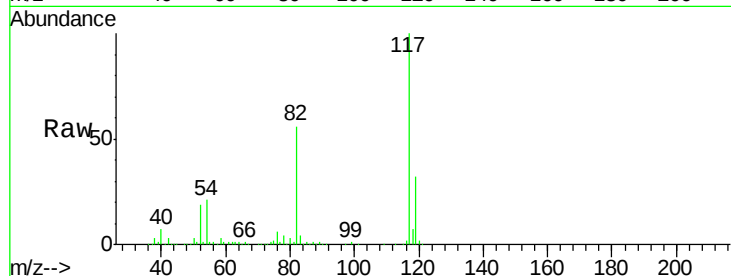




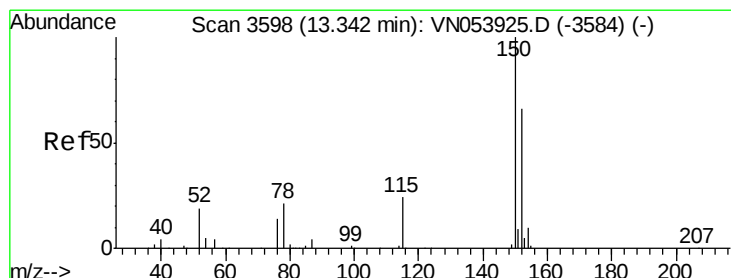
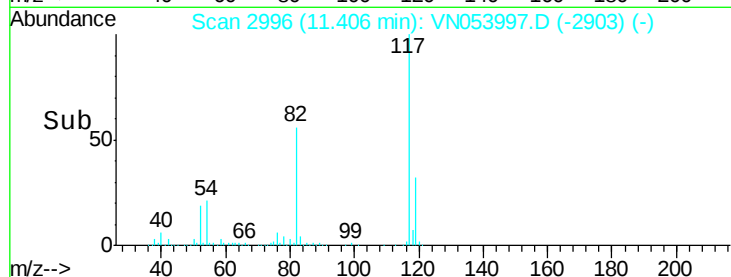
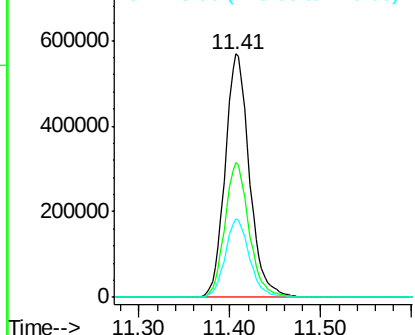
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053997.D
Acq: 28 Feb 2019 12:06

Instrument :
MSVOA_N
ClientSampleId :
PB117454TB

Tot Ion:117 Resp: 1053753
Ion Ratio Lower Upper
117 100
82 55.5 41.4 62.2
119 32.3 25.3 37.9

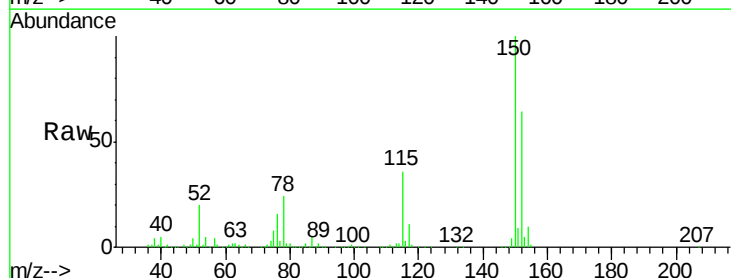


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053997.D
Acq: 28 Feb 2019 12:06

Tgt Ion:152 Resp: 350041
Ion Ratio Lower Upper
152 100
115 56.8 27.2 81.6
150 156.1 0.0 348.2



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

