

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061819\
 Data File : VN056352.D
 Acq On : 18 Jun 2019 9:46
 Operator : JC/SP
 Sample : VN0618WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBL01

Quant Time: Jun 19 02:15:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	347404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	574297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	567249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	177095	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	196393	50.28	ug/l	0.00
Spiked Amount						
			Recovery	=	100.56%	
35) Dibromofluoromethane	7.59	113	171021	46.44	ug/l	0.00
Spiked Amount						
			Recovery	=	92.88%	
50) Toluene-d8	10.09	98	719488	51.14	ug/l	0.00
Spiked Amount						
			Recovery	=	102.28%	
62) 4-Bromofluorobenzene	12.40	95	233071	49.99	ug/l	0.00
Spiked Amount						
			Recovery	=	99.98%	

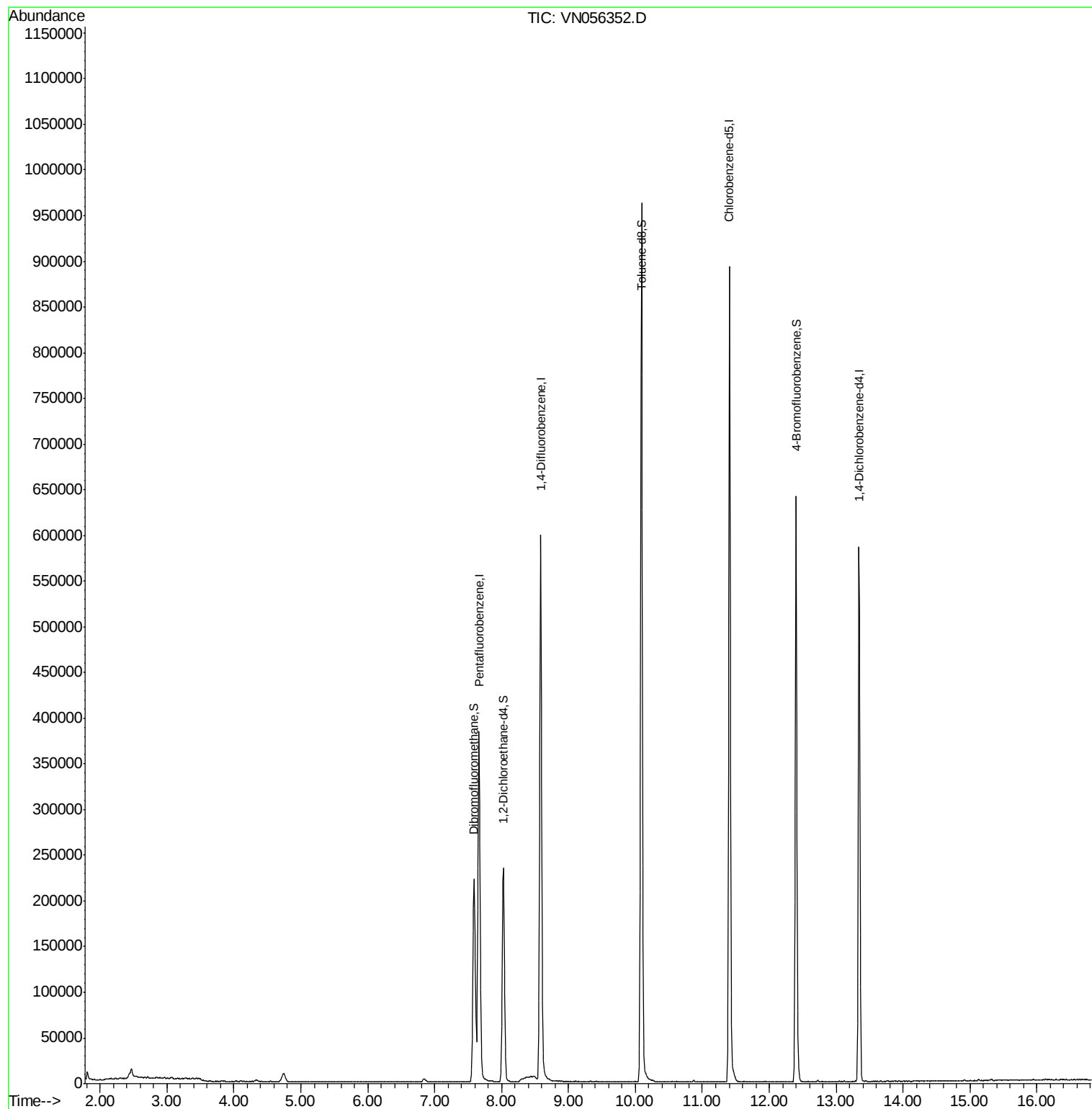
Target Compounds	Qvalue

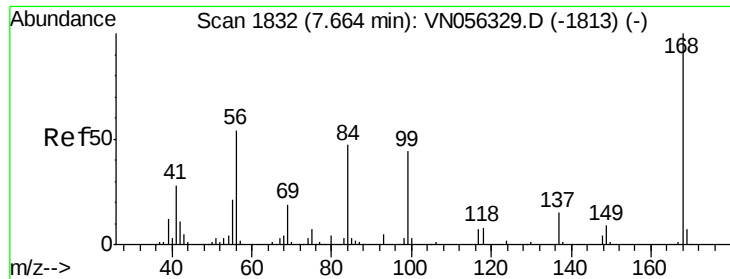
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:23:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056352.D

Acq: 18 Jun 2019 9:46

Instrument :

MSVOA_N

ClientSampleId :

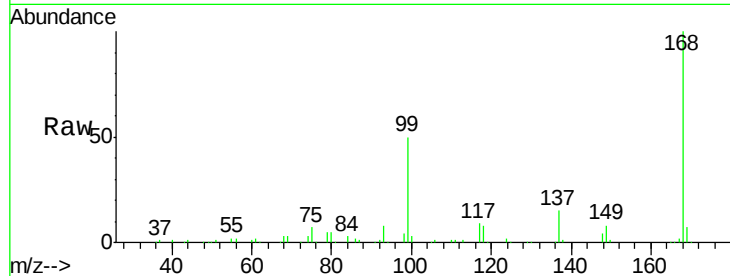
VN0618WBL01

Tot Ion:168 Resp: 347404

Ion Ratio Lower Upper

168 100

99 49.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

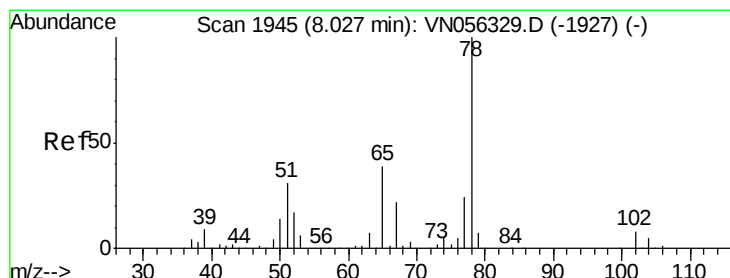
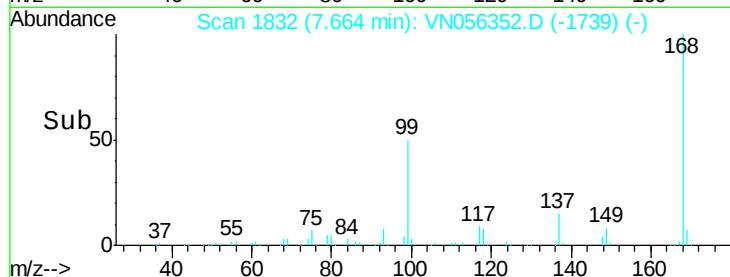
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 50.277 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056352.D

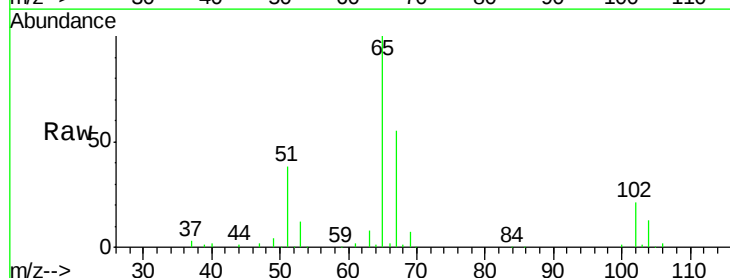
Acq: 18 Jun 2019 9:46

Tgt Ion: 65 Resp: 196393

Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

100000

80000

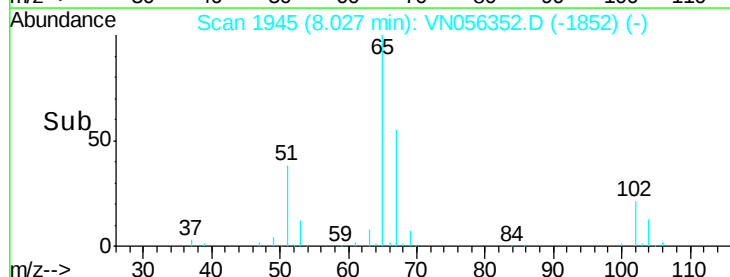
60000

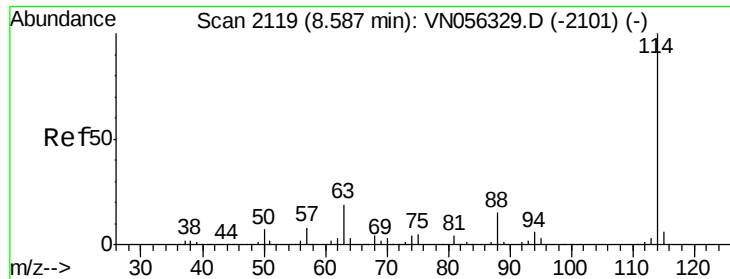
40000

20000

0

Time--> 7.90 8.00 8.10 8.20

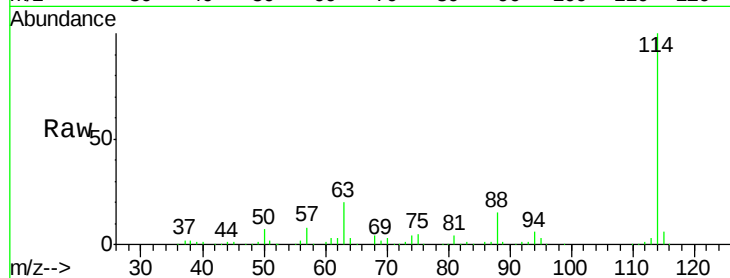




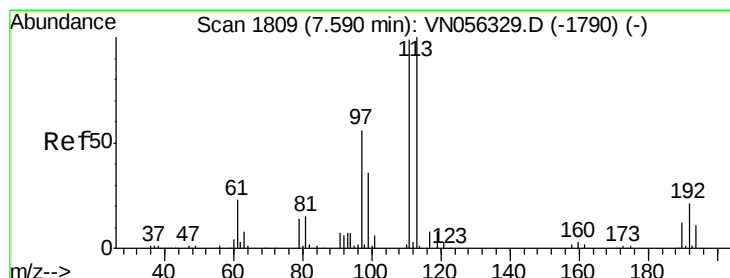
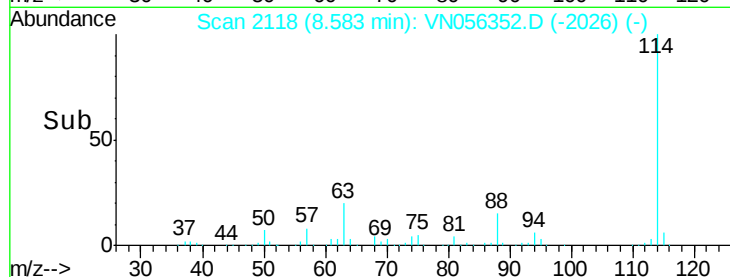
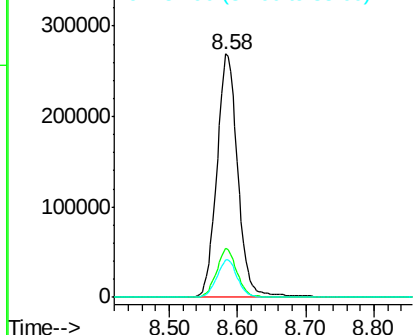
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN056352.D
Acq: 18 Jun 2019 9:46

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBL01

Tot Ion:114 Resp: 574297
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.8
88 15.2 0.0 30.6

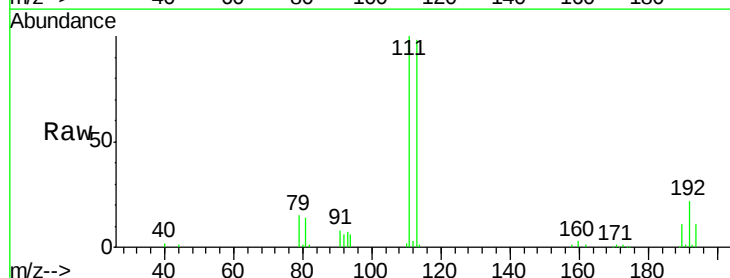


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

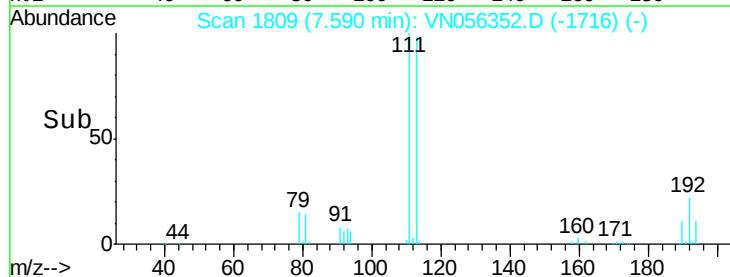
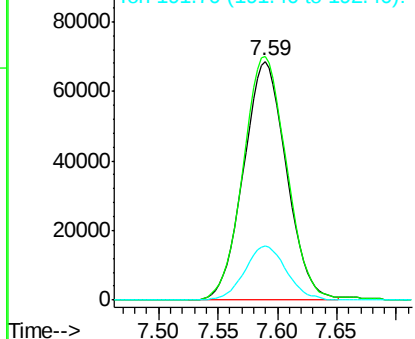


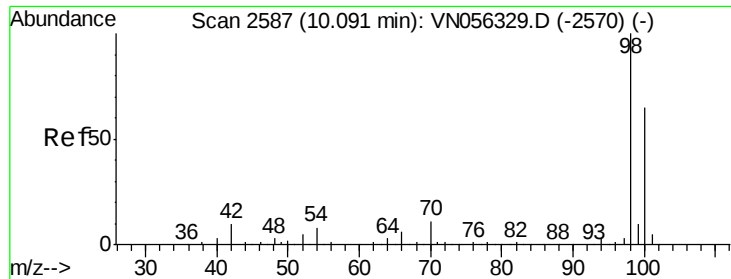
#35
Dibromofluoromethane
Concen: 46.437 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN056352.D
Acq: 18 Jun 2019 9:46

Tgt Ion:113 Resp: 171021
Ion Ratio Lower Upper
113 100
111 103.3 82.1 123.1
192 22.3 17.6 26.4



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: 51.138 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN056352.D

Acq: 18 Jun 2019 9:46

Instrument :

MSVOA_N

ClientSampleId :

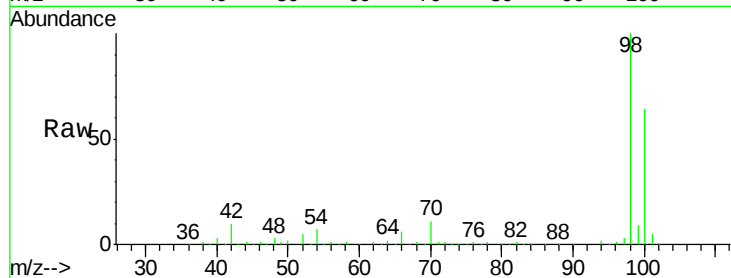
VN0618WBL01

Tot Ion: 98 Resp: 719488

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

300000

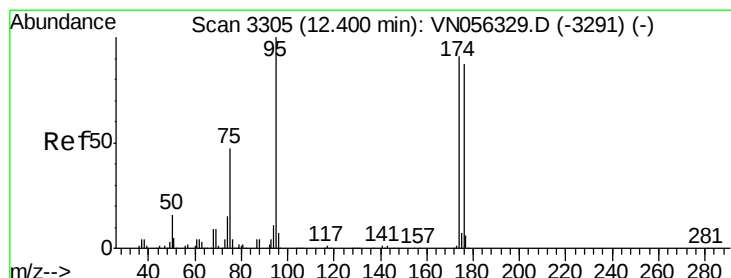
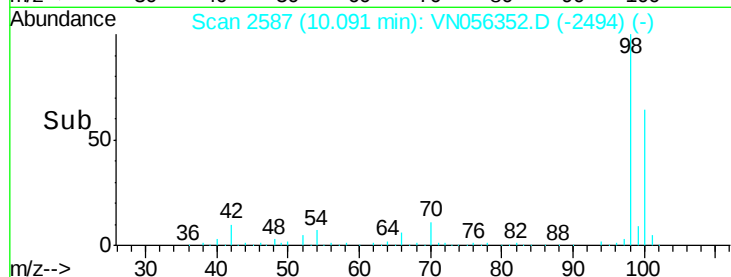
200000

100000

0

Time-->

10.00 10.20



#62

4-Bromofluorobenzene

Concen: 49.991 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056352.D

Acq: 18 Jun 2019 9:46

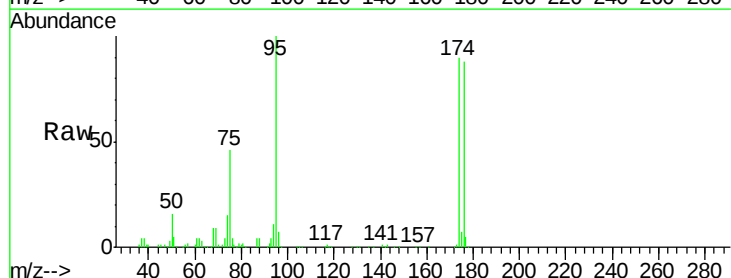
Tgt Ion: 95 Resp: 233071

Ion Ratio Lower Upper

95 100

174 90.8 0.0 182.6

176 87.5 0.0 176.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

150000

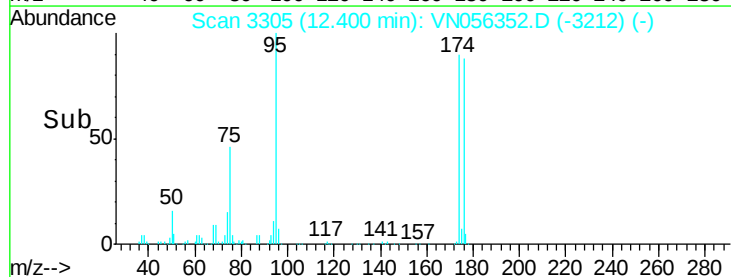
100000

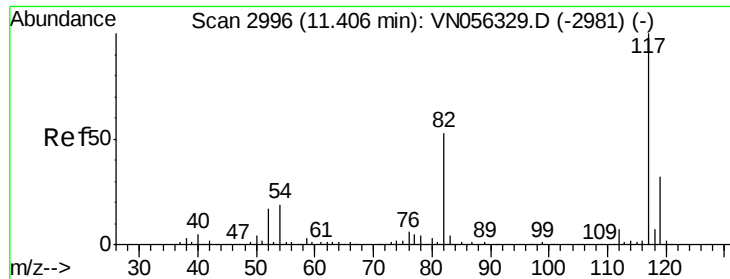
50000

0

Time-->

12.30 12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056352.D

Acq: 18 Jun 2019 9:46

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBL01

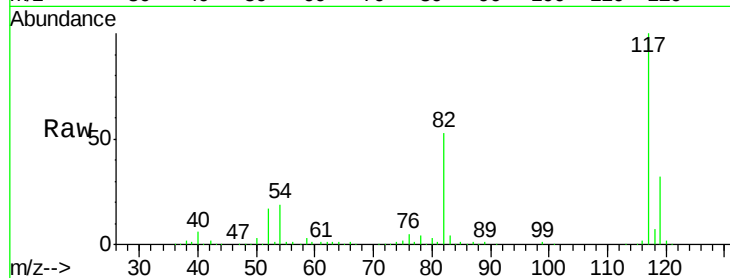
Tot Ion:117 Resp: 567249

Ion Ratio Lower Upper

117 100

82 53.5 42.4 63.6

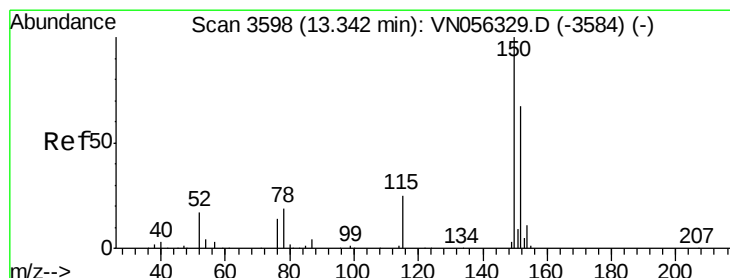
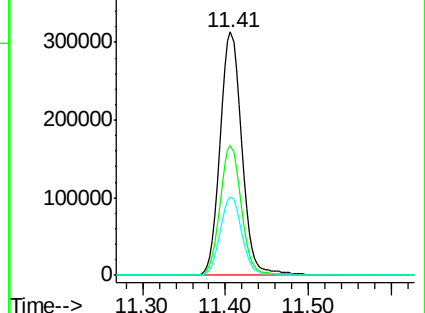
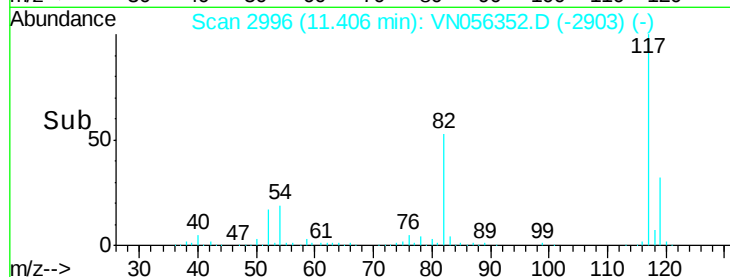
119 32.2 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056352.D

Acq: 18 Jun 2019 9:46

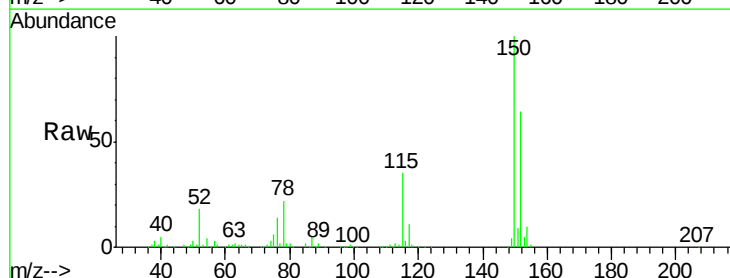
Tgt Ion:152 Resp: 177095

Ion Ratio Lower Upper

152 100

115 55.0 27.8 83.3

150 157.3 0.0 345.8



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

