

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058277.D
 Acq On : 23 Sep 2019 9:38
 Operator : JC/SP
 Sample : VN0923WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBL01

Quant Time: Sep 23 13:07:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	477338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	781565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	668226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	273167	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	357290	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
35) Dibromofluoromethane	7.58	113	245548	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.09	98	983986	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
62) 4-Bromofluorobenzene	12.41	95	312161	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	

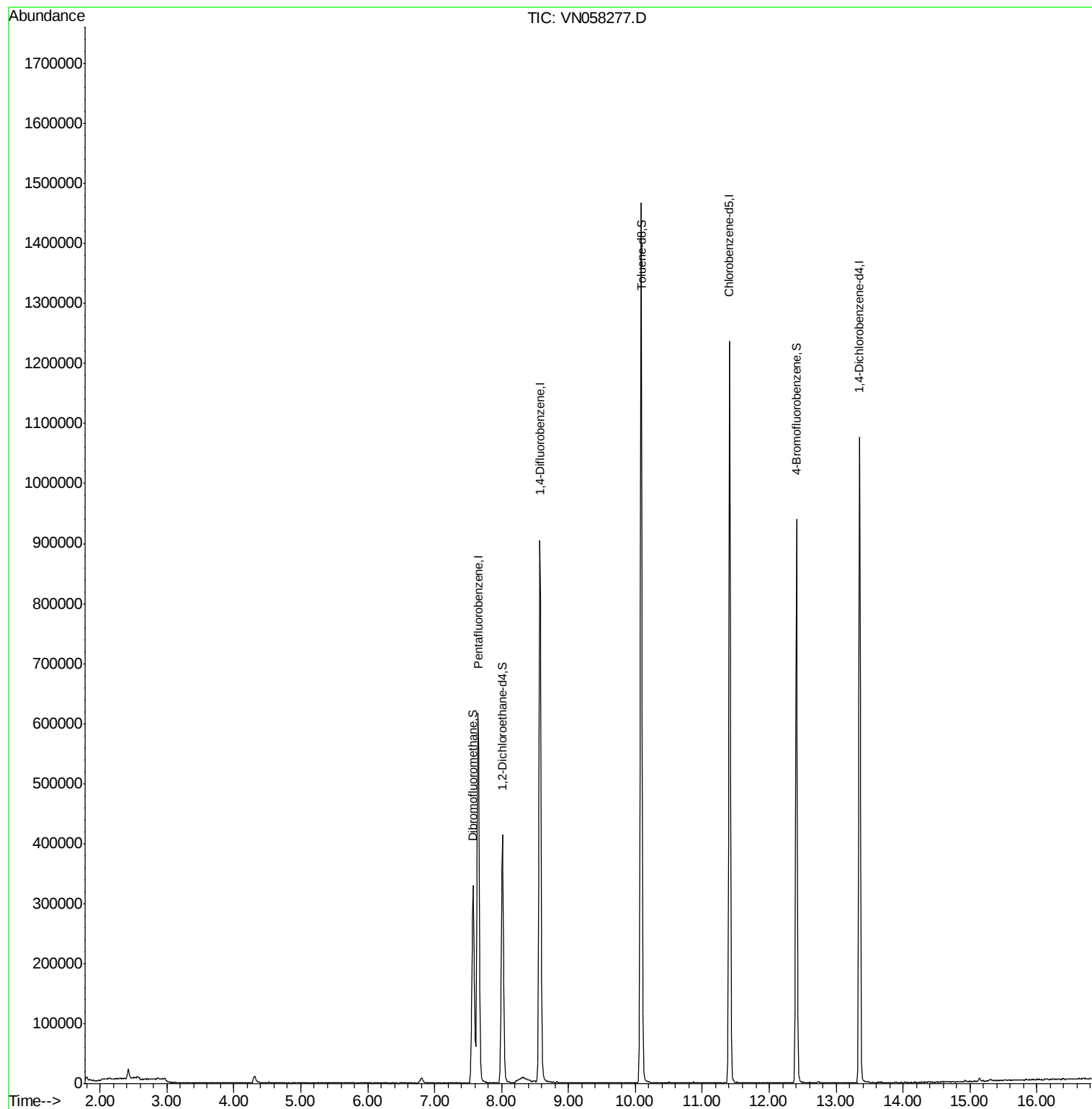
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058277.D

Acq: 23 Sep 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

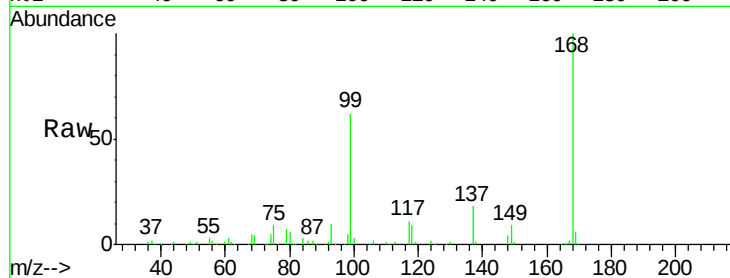
VN0923WBL01

Tot Ion:168 Resp: 477338

Ion Ratio Lower Upper

168 100

99 61.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

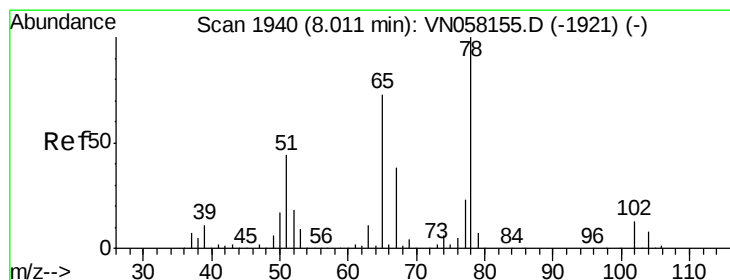
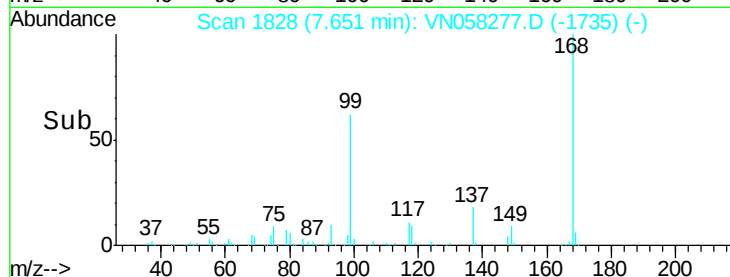
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.741 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058277.D

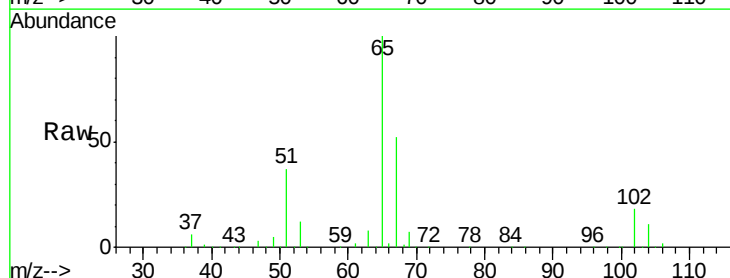
Acq: 23 Sep 2019 9:38

Tgt Ion: 65 Resp: 357290

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

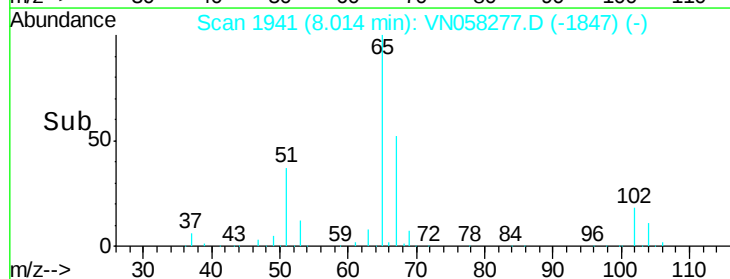
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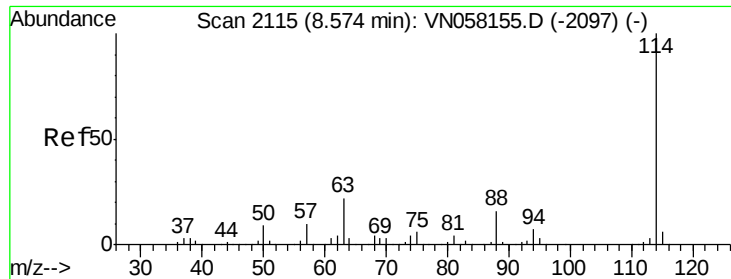
100000

50000

0

Time-->

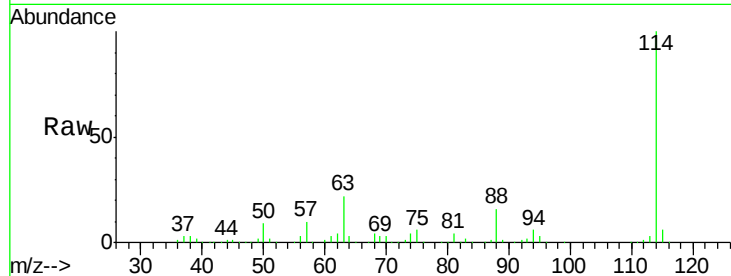




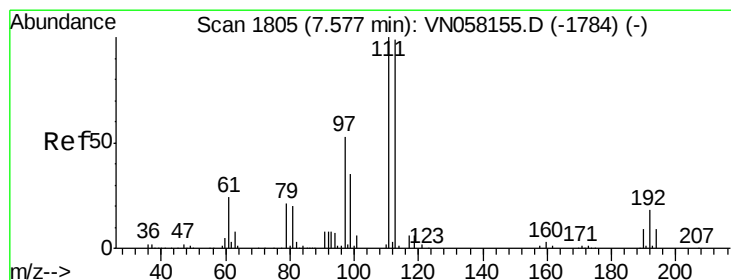
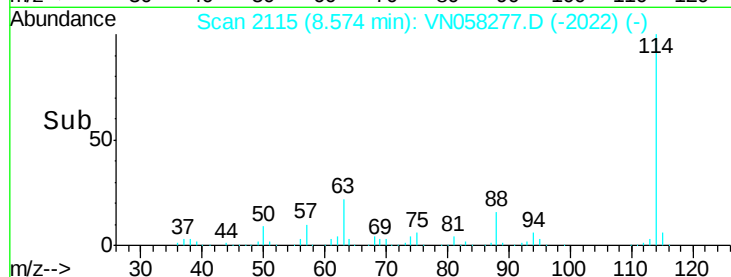
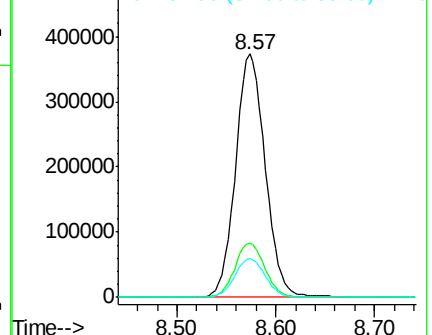
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058277.D
 Acq: 23 Sep 2019 9:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0923WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.2
88	16.0	0.0	31.6

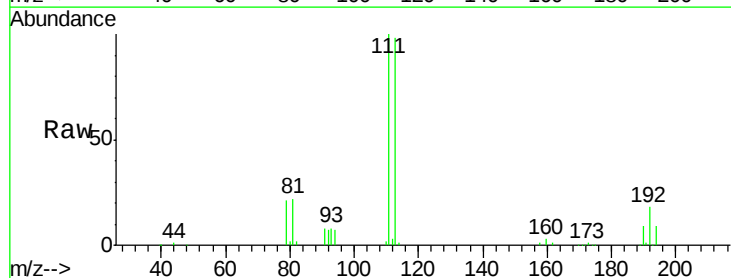


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

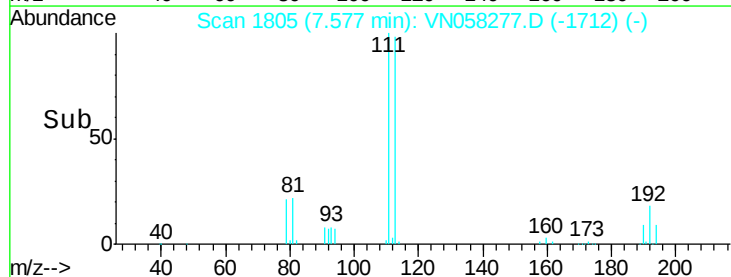
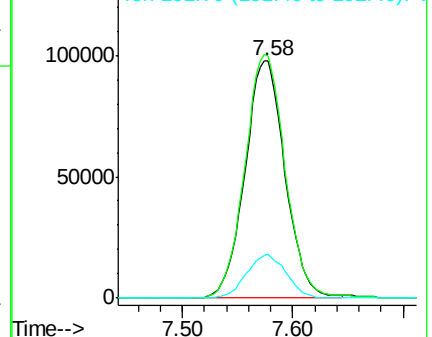


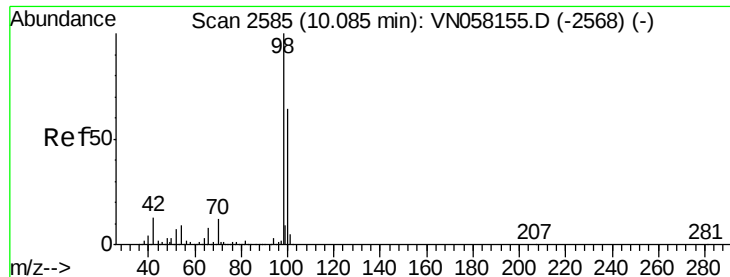
#35
 Dibromofluoromethane
 Concen: 51.680 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058277.D
 Acq: 23 Sep 2019 9:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.6
192	18.4	14.5	21.7



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: 53.154 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058277.D

Acq: 23 Sep 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

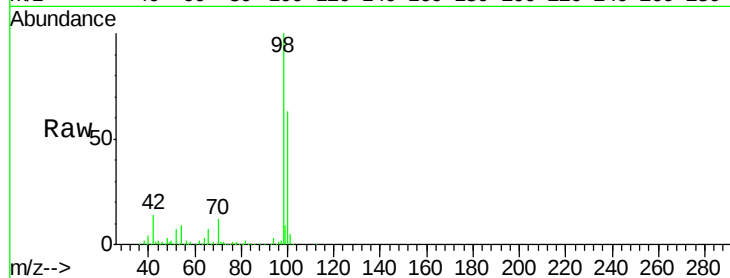
VN0923WBL01

Tot Ion: 98 Resp: 983986

Ion Ratio Lower Upper

98 100

100 63.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

600000

500000

400000

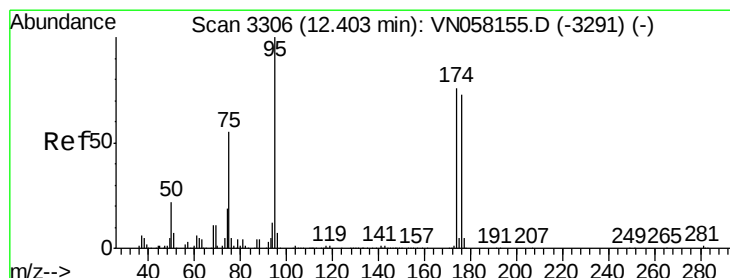
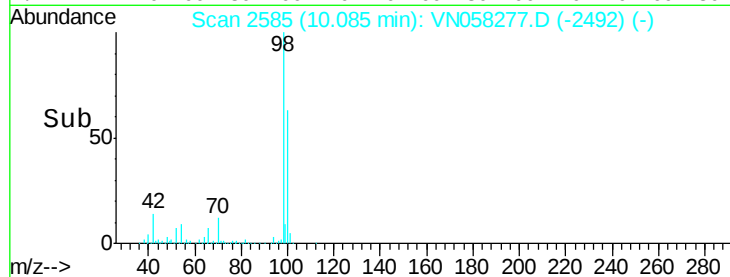
300000

200000

100000

0

Time--> 10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 45.395 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058277.D

Acq: 23 Sep 2019 9:38

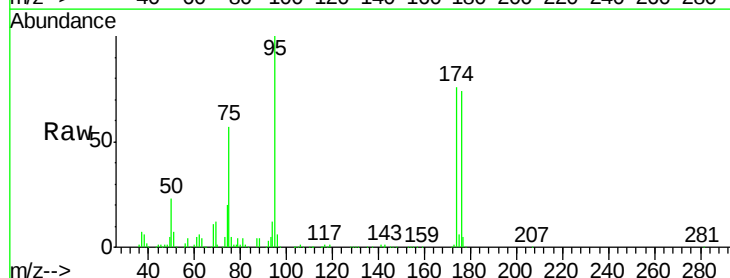
Tgt Ion: 95 Resp: 312161

Ion Ratio Lower Upper

95 100

174 76.0 0.0 152.2

176 72.3 0.0 148.0



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

250000

200000

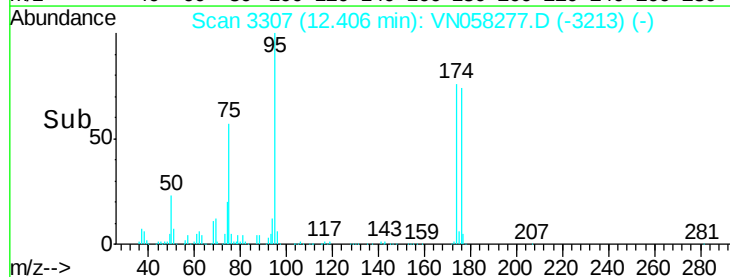
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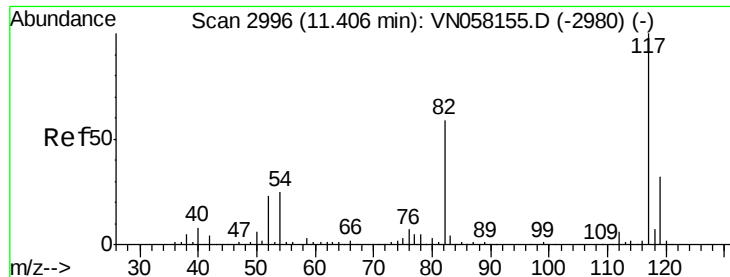
100000

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: VN058277.D

Acq: 23 Sep 2019 9:38

Instrument :

MSVOA_N

ClientSampled :

VN0923WBL01

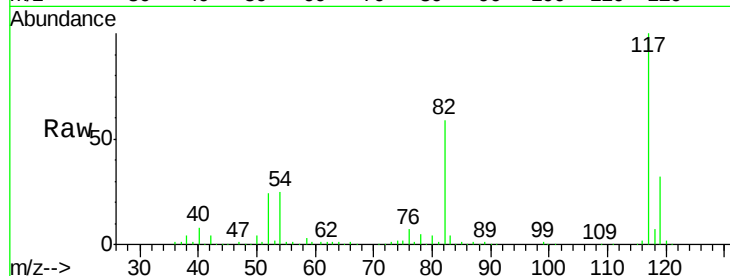
Tot Ion:117 Resp: 668226

Ion Ratio Lower Upper

117 100

82 58.7 46.9 70.3

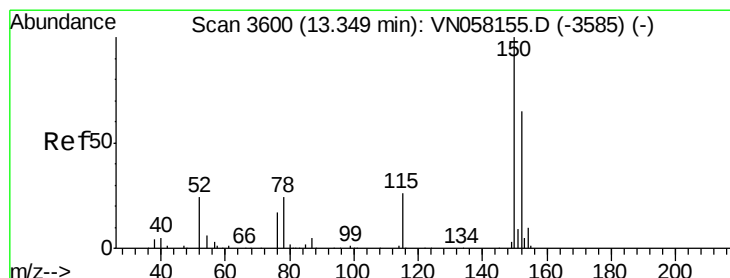
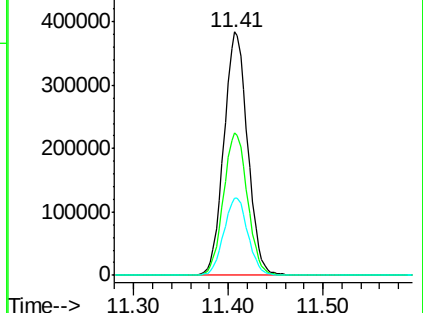
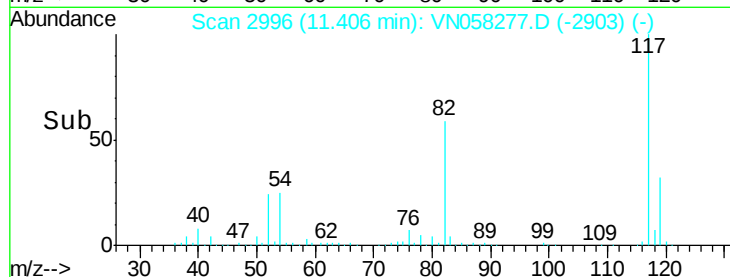
119 31.7 25.3 37.9



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# 3601

Delta R.T. 0.00 min

Lab File: VN058277.D

Acq: 23 Sep 2019 9:38

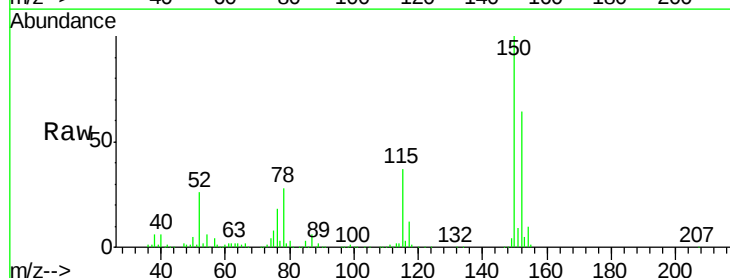
Tgt Ion:152 Resp: 273167

Ion Ratio Lower Upper

152 100

115 59.9 30.1 90.3

150 157.6 0.0 346.4



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

