

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058930.D
 Acq On : 23 Oct 2019 15:24
 Operator : JC/SP
 Sample : K5486-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-191021

Quant Time: Oct 24 02:05:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	302012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	508868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	459071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	174101	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	253086	57.14	ug/l	0.00
Spiked Amount						
			Recovery	=	114.28%	
35) Dibromofluoromethane	7.57	113	178482	53.35	ug/l	0.00
Spiked Amount						
			Recovery	=	106.70%	
50) Toluene-d8	10.09	98	627089	48.28	ug/l	0.00
Spiked Amount						
			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.41	95	204055	42.78	ug/l	0.00
Spiked Amount						
			Recovery	=	85.56%	

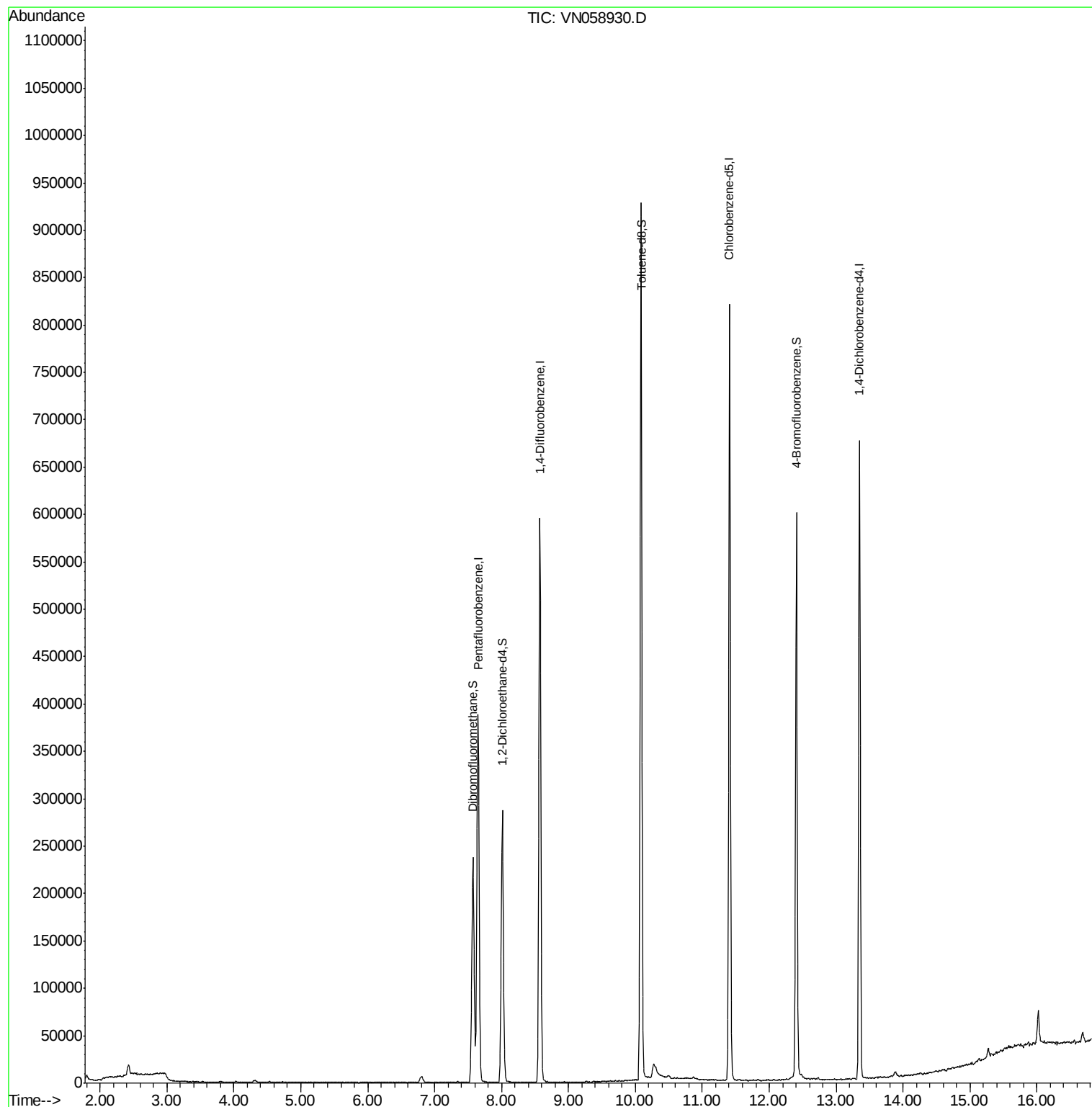
Target Compounds	Qvalue
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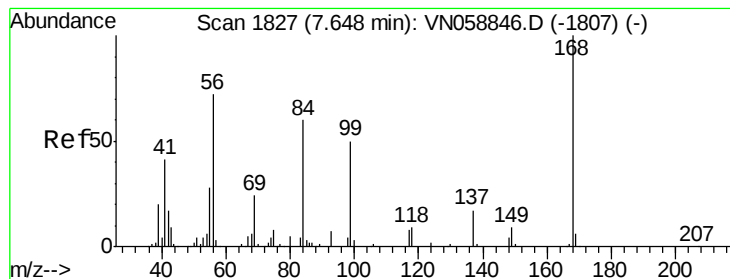
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 19 00:16:20 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

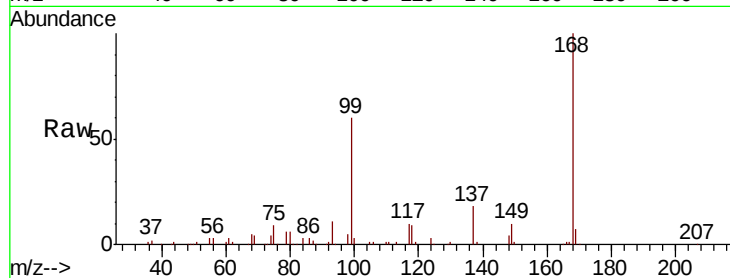
TB-01-191021

Tot Ion:168 Resp: 302012

Ion Ratio Lower Upper

168 100

99 59.7 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

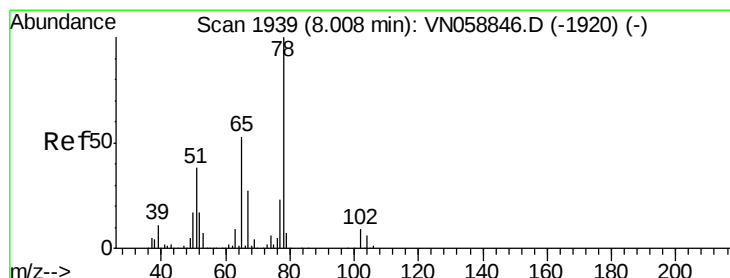
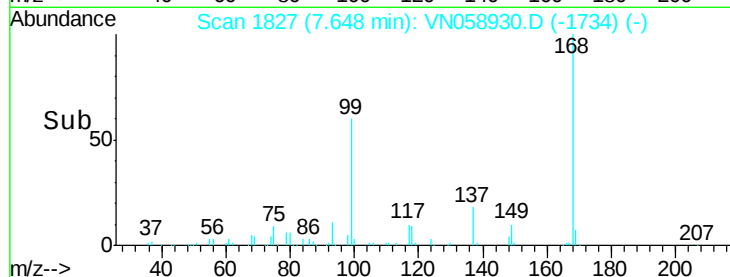
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.137 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058930.D

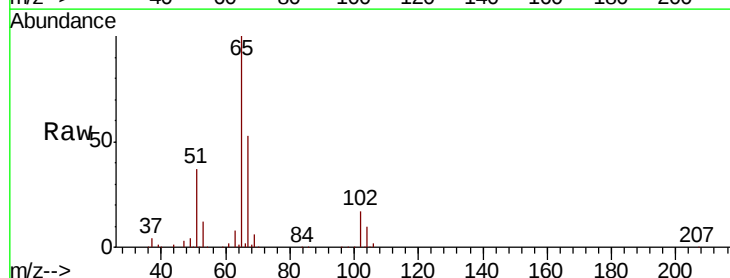
Acq: 23 Oct 2019 15:24

Tgt Ion: 65 Resp: 253086

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

120000

100000

80000

60000

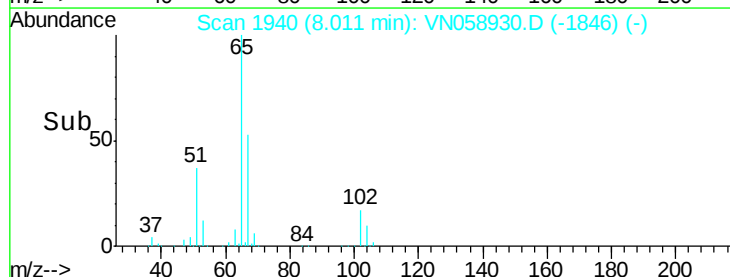
40000

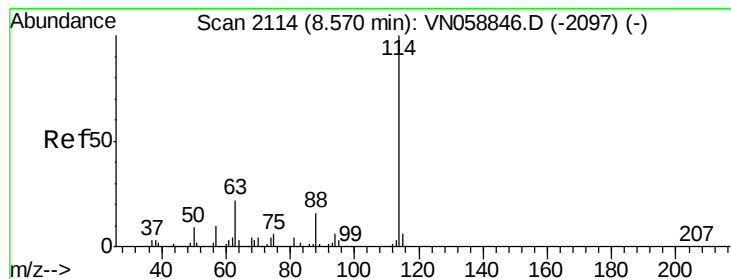
20000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058930.D

Acq: 23 Oct 2019 15:24

Instrument :

MSVOA_N

ClientSampleId :

TB-01-191021

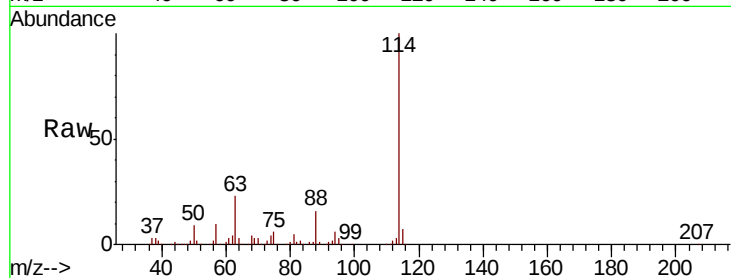
Tot Ion:114 Resp: 508868

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.4

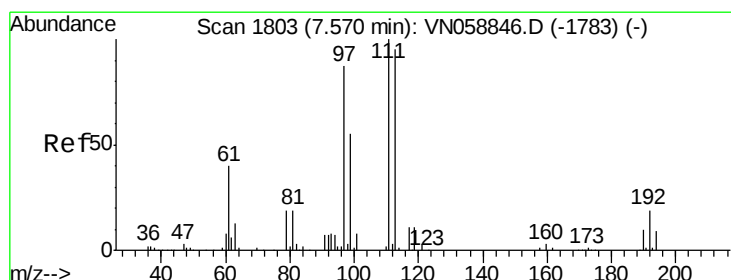
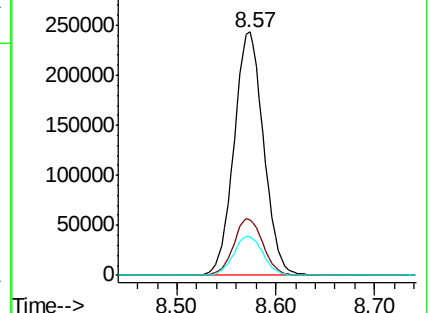
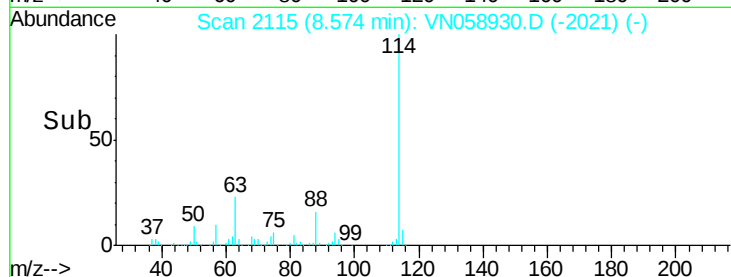
88 16.0 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 53.347 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058930.D

Acq: 23 Oct 2019 15:24

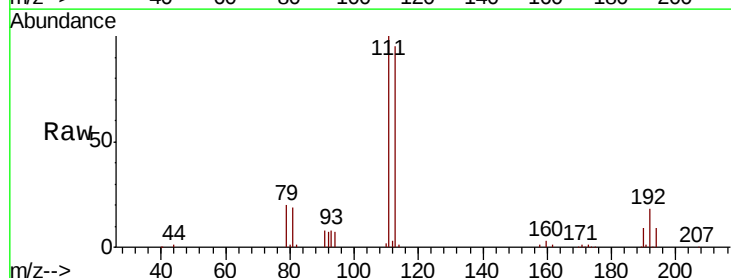
Tgt Ion:113 Resp: 178482

Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

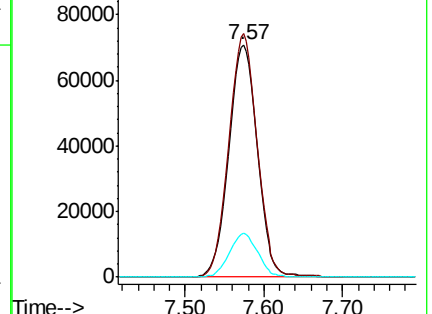
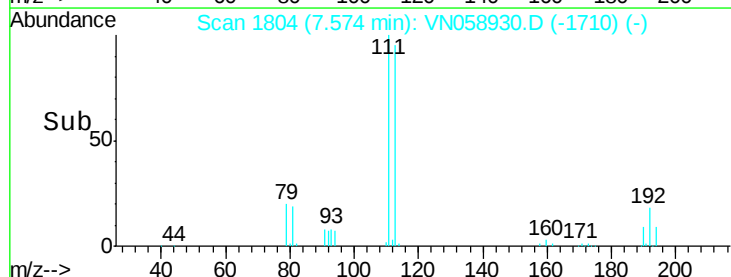
192 18.6 15.0 22.6

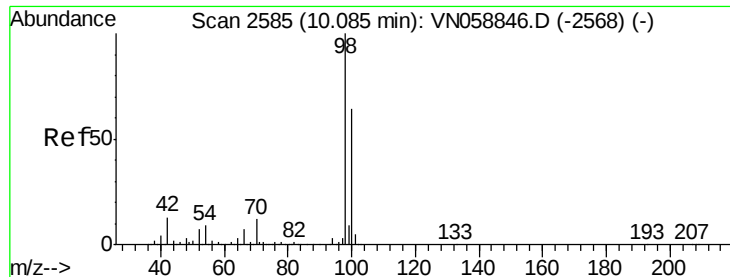


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.284 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058930.D

Acq: 23 Oct 2019 15:24

Instrument :

MSVOA_N

ClientSampleId :

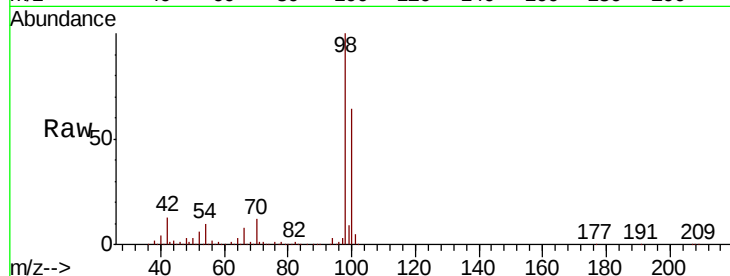
TB-01-191021

Tot Ion: 98 Resp: 627089

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

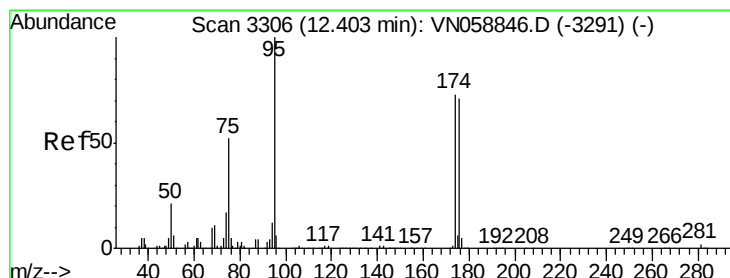
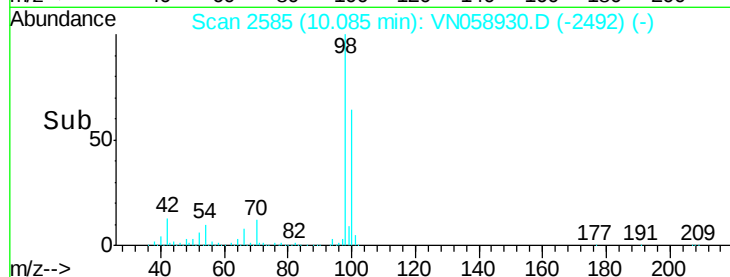
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.785 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058930.D

Acq: 23 Oct 2019 15:24

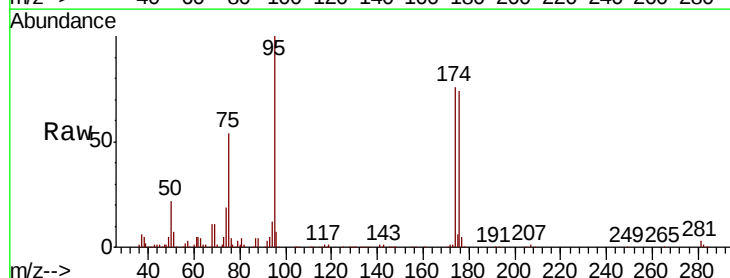
Tgt Ion: 95 Resp: 204055

Ion Ratio Lower Upper

95 100

174 76.3 0.0 147.6

176 73.2 0.0 143.2



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

12.41

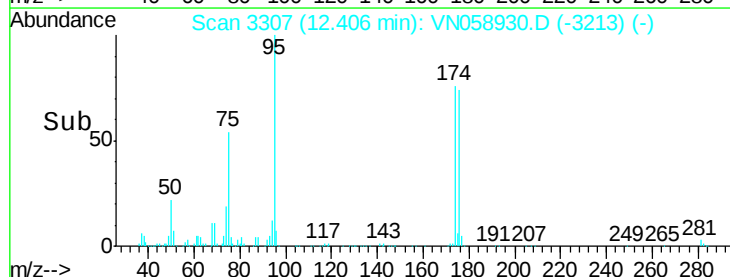
150000

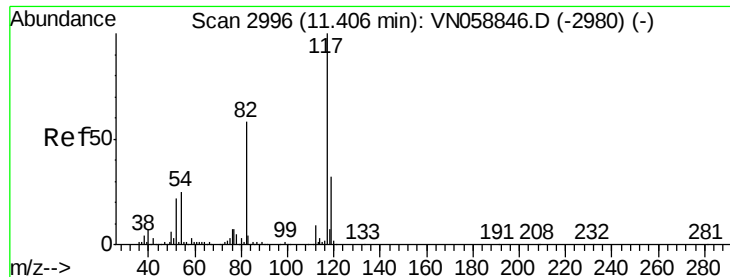
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058930.D

Acq: 23 Oct 2019 15:24

Instrument :

MSVOA_N

ClientSampleId :

TB-01-191021

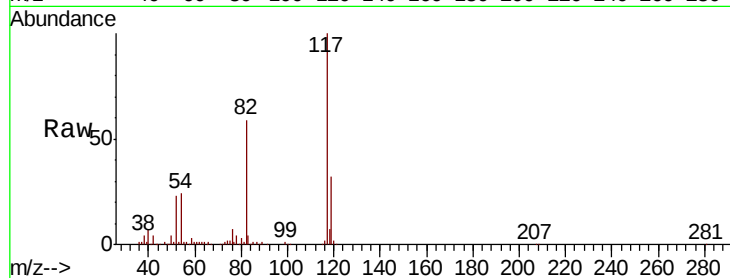
Tot Ion:117 Resp: 459071

Ion Ratio Lower Upper

117 100

82 59.5 46.6 69.8

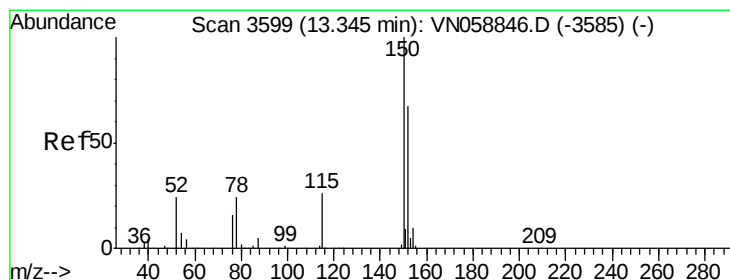
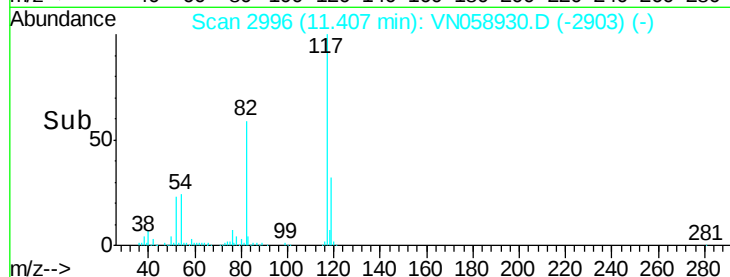
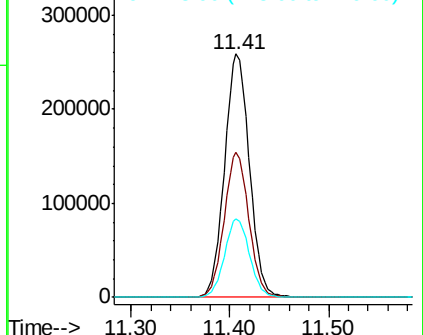
119 32.2 25.6 38.4



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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058930.D

Acq: 23 Oct 2019 15:24

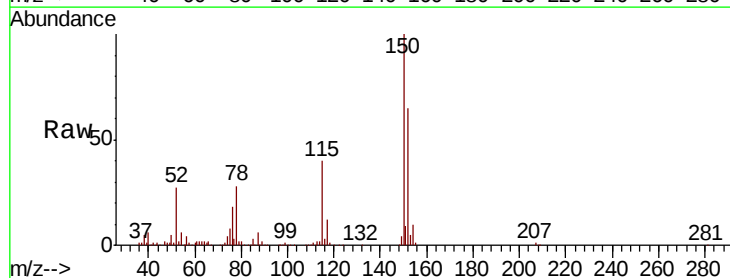
Tgt Ion:152 Resp: 174101

Ion Ratio Lower Upper

152 100

115 62.0 30.5 91.5

150 157.8 0.0 344.4



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

