

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101819\
 Data File : VN058865.D
 Acq On : 18 Oct 2019 17:55
 Operator : JC/SP
 Sample : K5452-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FA19-MMW0421B

Quant Time: Oct 21 08:28:57 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	402326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	650523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	581428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	214518	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	311494	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
35) Dibromofluoromethane	7.57	113	222776	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	10.08	98	838882	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.40	95	266690	43.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.48%	

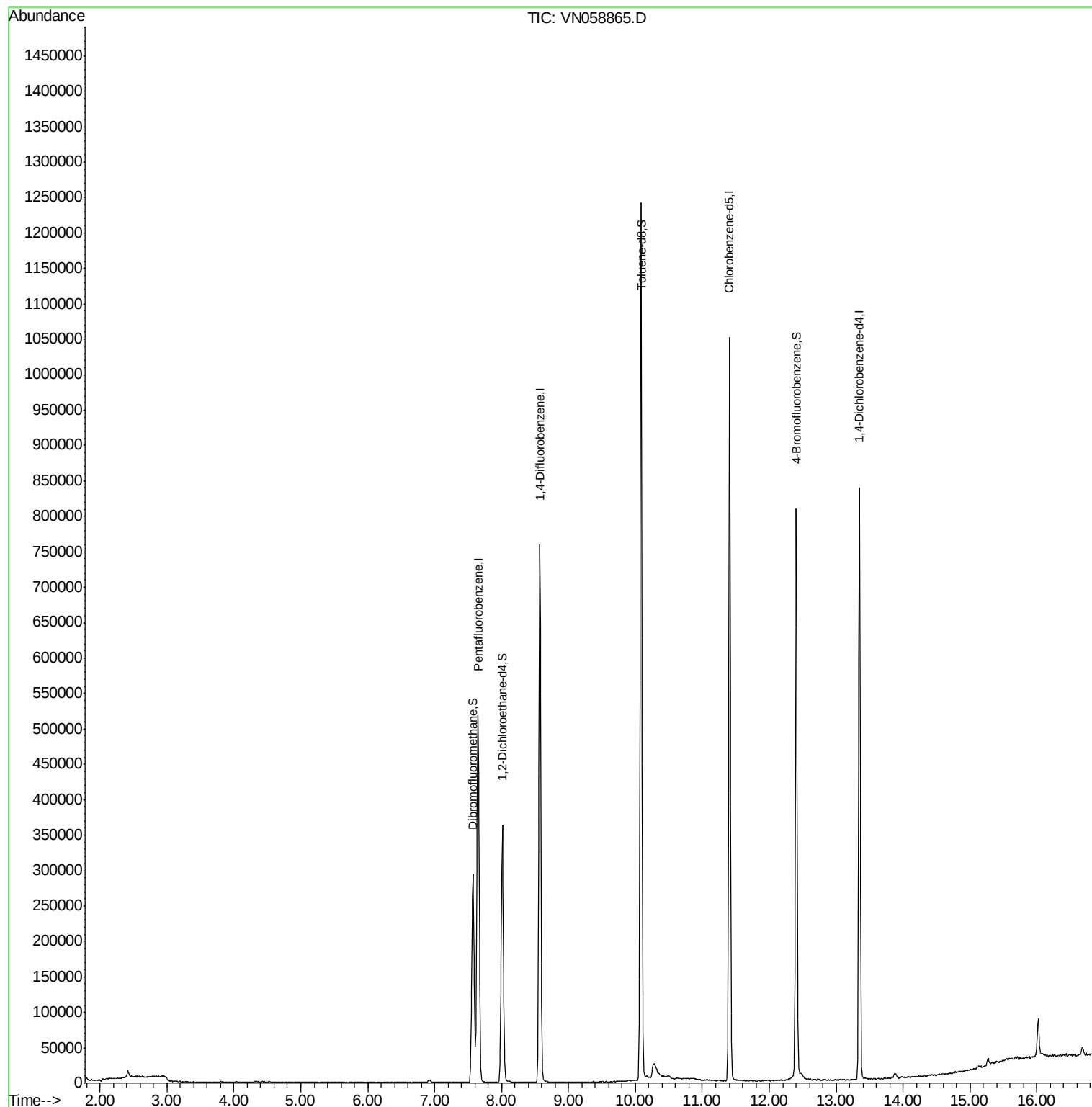
Target Compounds	Qvalue

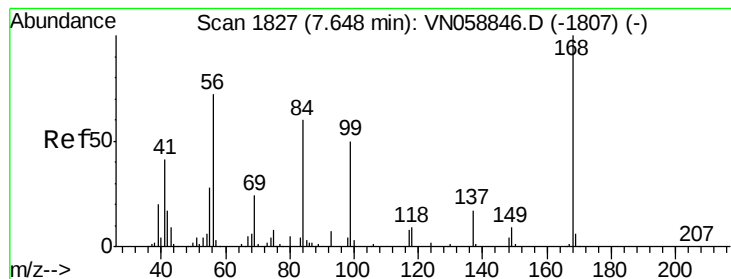
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058865.D

Acq: 18 Oct 2019 17:55

Instrument :

MSVOA_N

ClientSampleId :

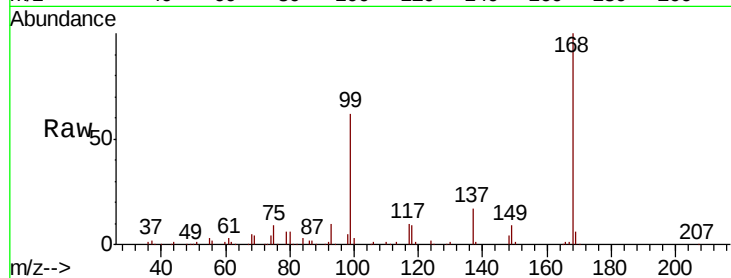
FA19-MMW0421B

Tot Ion:168 Resp: 402326

Ion Ratio Lower Upper

168 100

99 61.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VN058846.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN058846.D (-1807) (-)

7.65

150000

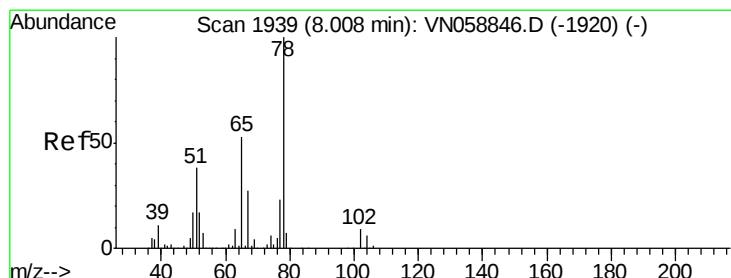
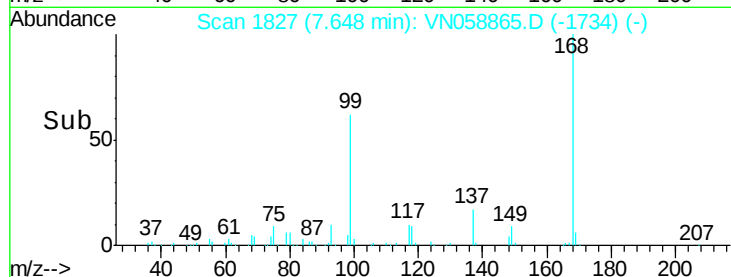
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.789 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058865.D

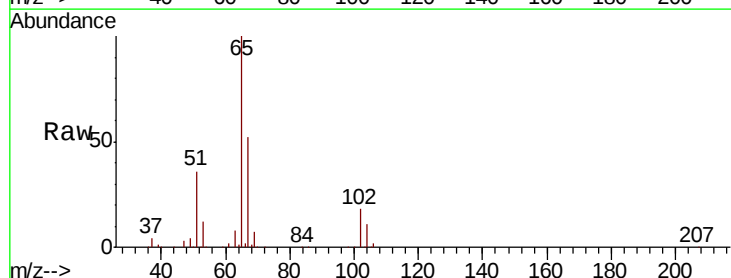
Acq: 18 Oct 2019 17:55

Tgt Ion: 65 Resp: 311494

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VN058846.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN058846.D (-1920) (-)

8.01

150000

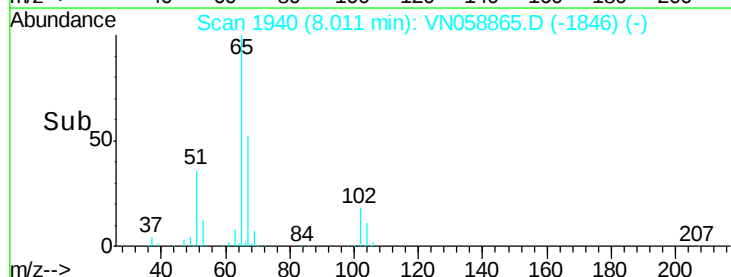
100000

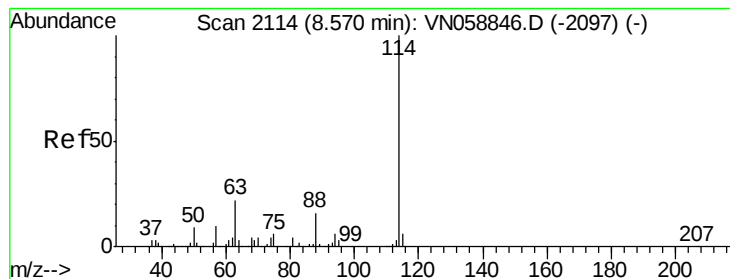
50000

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: VN058865.D

Acq: 18 Oct 2019 17:55

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0421B

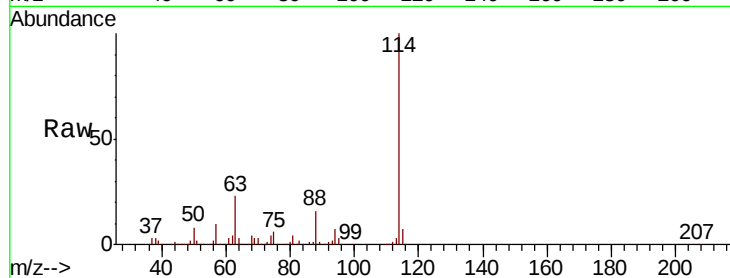
Tot Ion:114 Resp: 650523

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.4

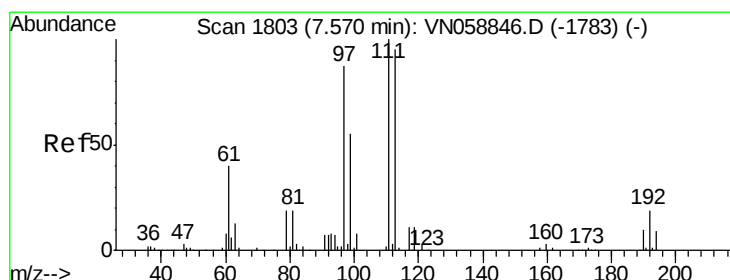
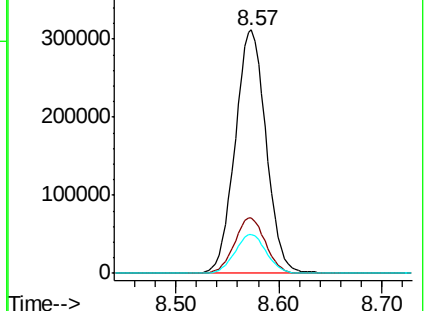
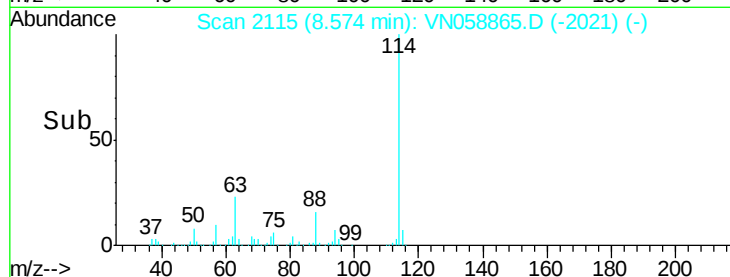
88 16.1 0.0 31.4



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: 52.087 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058865.D

Acq: 18 Oct 2019 17:55

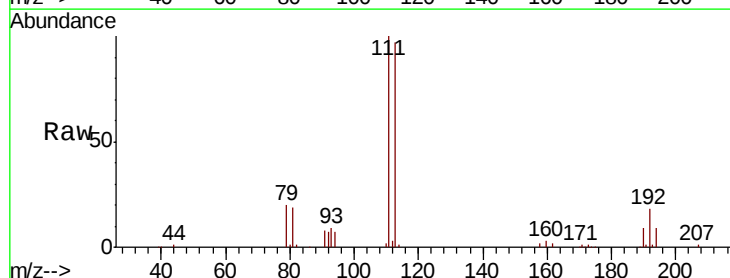
Tgt Ion:113 Resp: 222776

Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

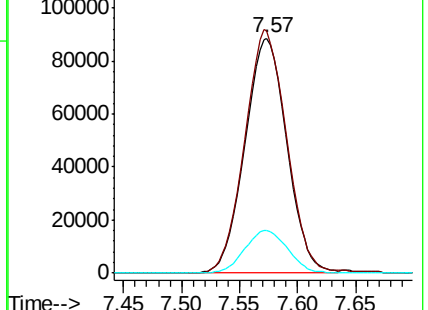
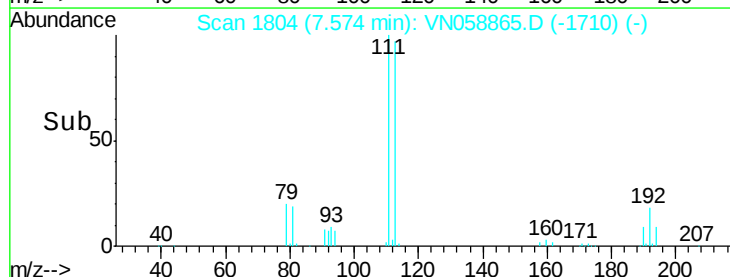
192 18.6 15.0 22.6

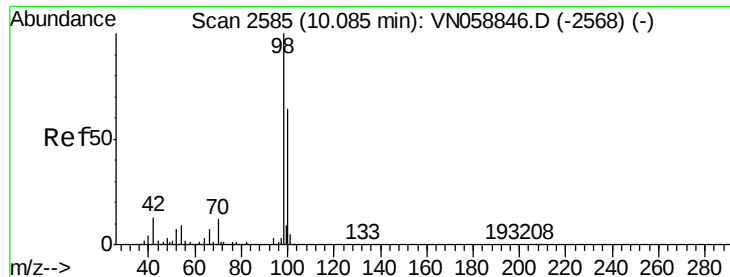


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.527 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058865.D

Acq: 18 Oct 2019 17:55

Instrument :

MSVOA_N

ClientSampleId :

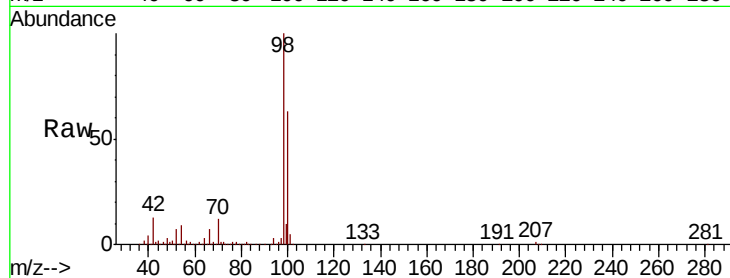
FA19-MMW0421B

Tot Ion: 98 Resp: 838882

Ion Ratio Lower Upper

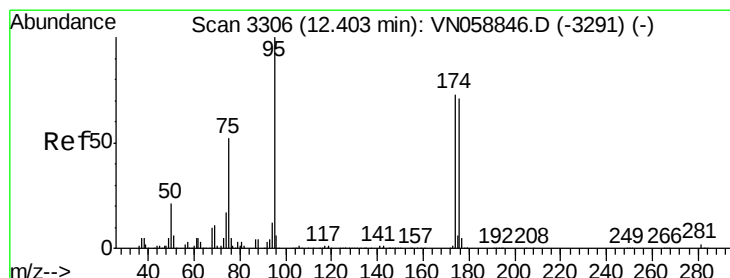
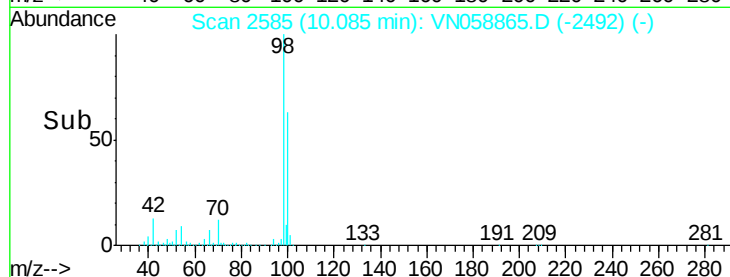
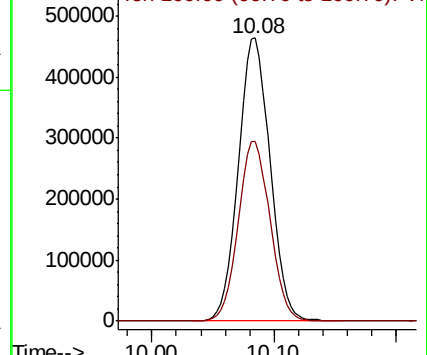
98 100

100 63.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 43.741 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058865.D

Acq: 18 Oct 2019 17:55

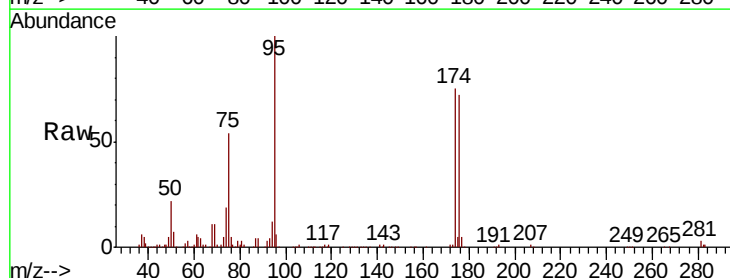
Tgt Ion: 95 Resp: 266690

Ion Ratio Lower Upper

95 100

174 76.4 0.0 147.6

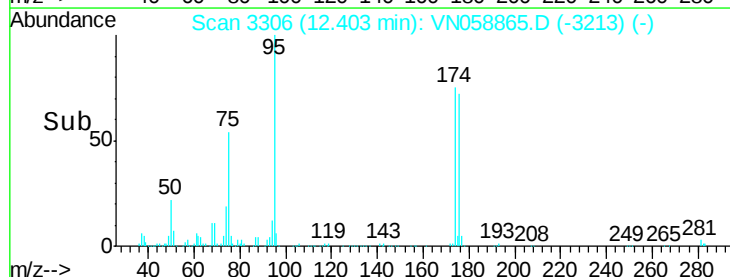
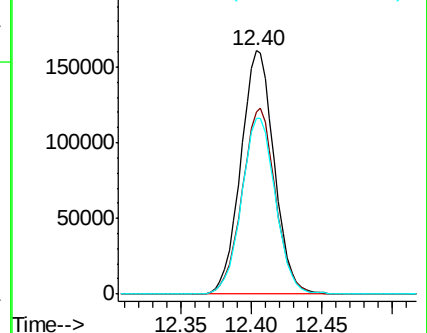
176 73.6 0.0 143.2

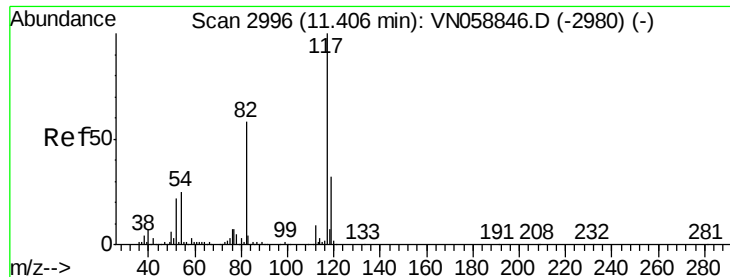


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058865.D

Acq: 18 Oct 2019 17:55

Instrument :

MSVOA_N

ClientSampleId :

FA19-MMW0421B

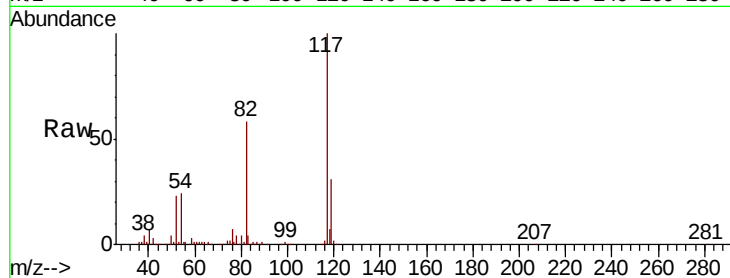
Tot Ion:117 Resp: 581428

Ion Ratio Lower Upper

117 100

82 58.3 46.6 69.8

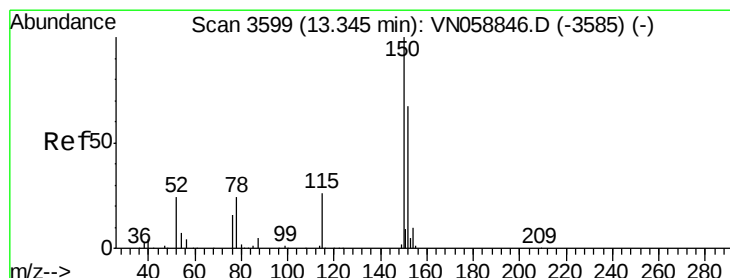
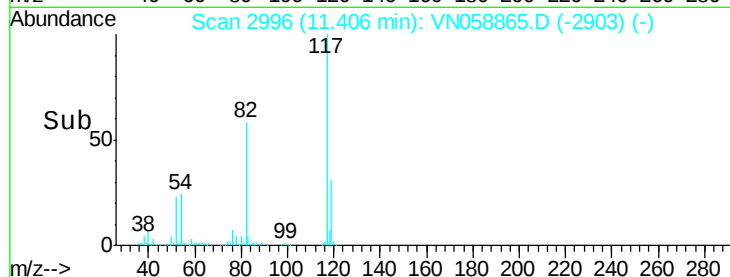
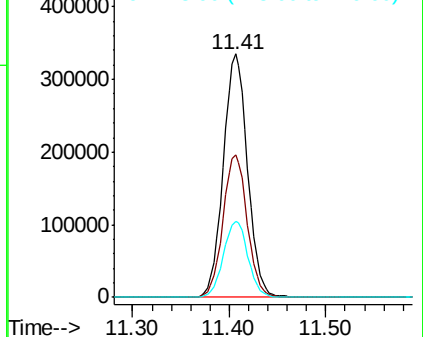
119 31.2 25.6 38.4



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# 3600

Delta R.T. 0.00 min

Lab File: VN058865.D

Acq: 18 Oct 2019 17:55

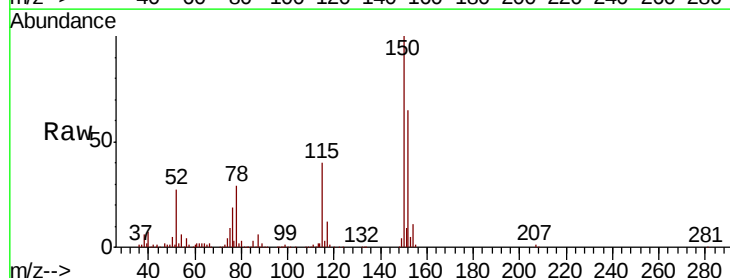
Tgt Ion:152 Resp: 214518

Ion Ratio Lower Upper

152 100

115 61.0 30.5 91.5

150 158.1 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

