

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083119\
 Data File : VN057591.D
 Acq On : 30 Aug 2019 16:14
 Operator : JC/SP
 Sample : VN0831WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0831WBL01

Quant Time: Aug 31 01:51:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 11:59:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	550622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	861049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	716975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	189557	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	328976	36.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.00%	
35) Dibromofluoromethane	7.58	113	264385	34.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.70%	
50) Toluene-d8	10.08	98	1032402	37.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.84%	
62) 4-Bromofluorobenzene	12.40	95	278003	30.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.84%	

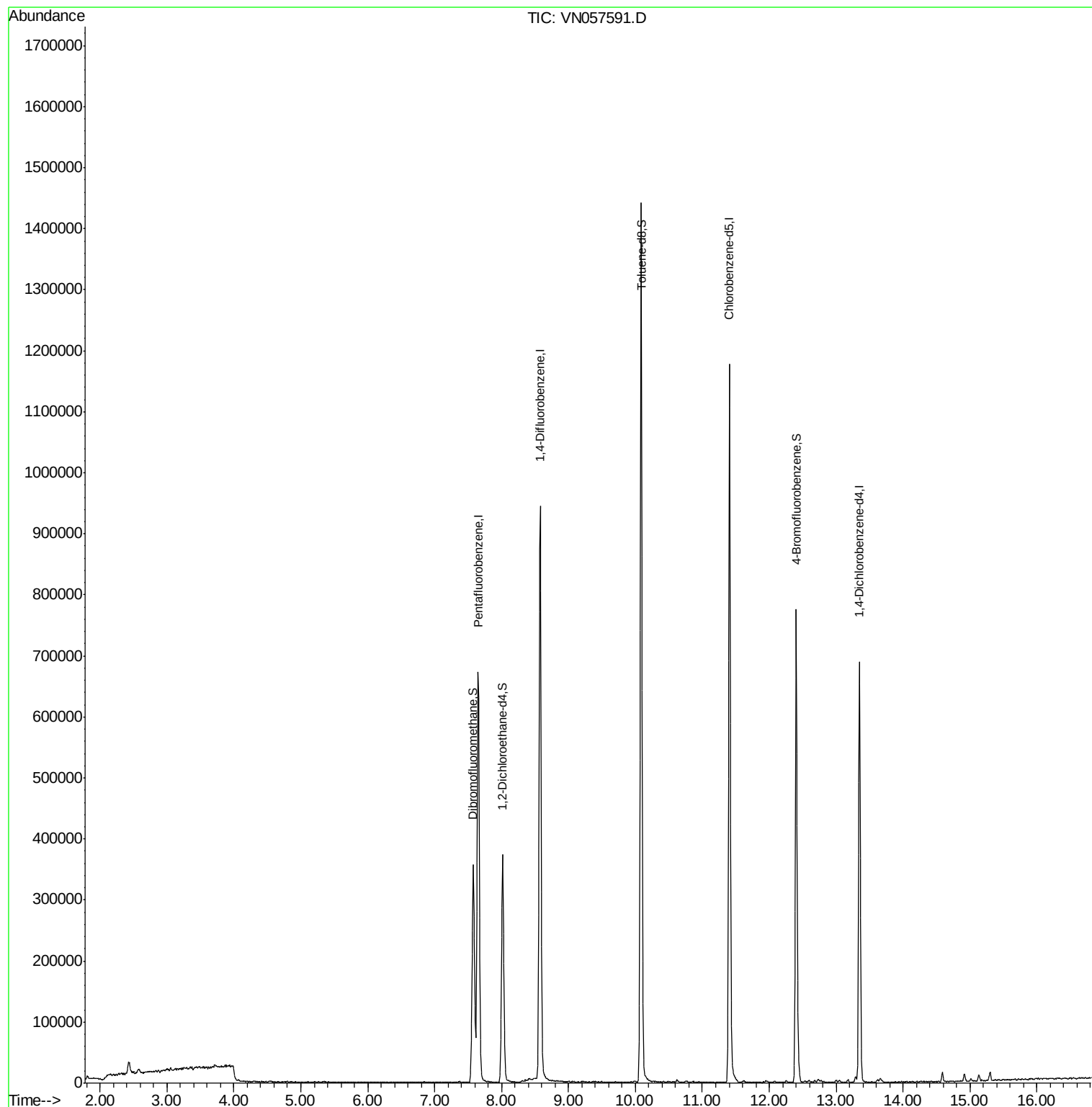
Target Compounds	Qvalue

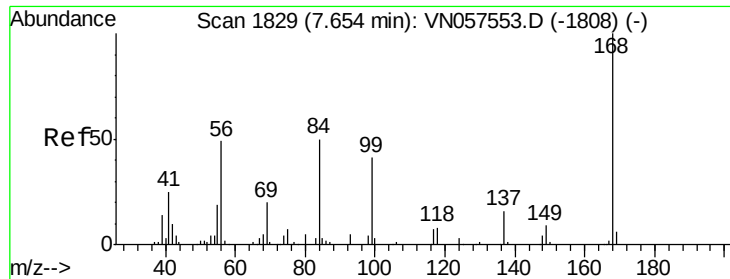
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 11:59:03 2019
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: VN057591.D

Acq: 30 Aug 2019 16:14

Instrument :

MSVOA_N

ClientSampled :

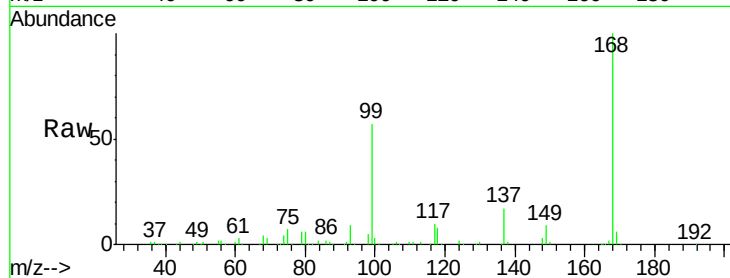
VN0831WBL01

Tot Ion:168 Resp: 550622

Ion Ratio Lower Upper

168 100

99 56.8 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

250000

200000

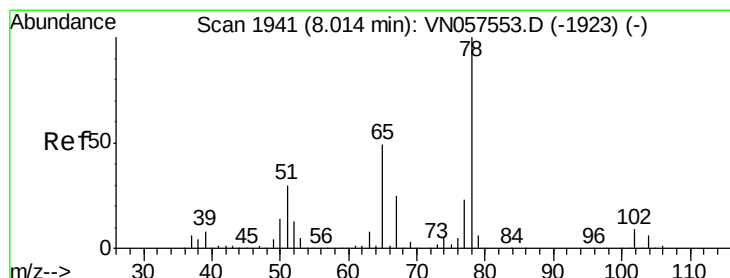
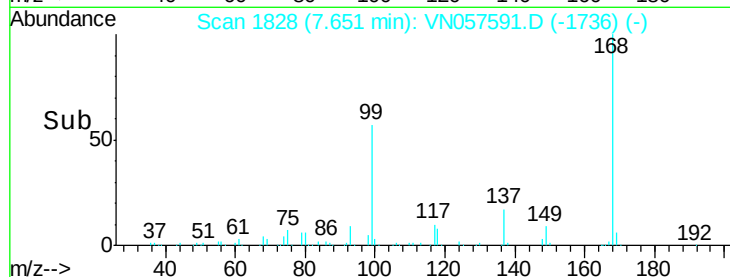
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 36.503 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057591.D

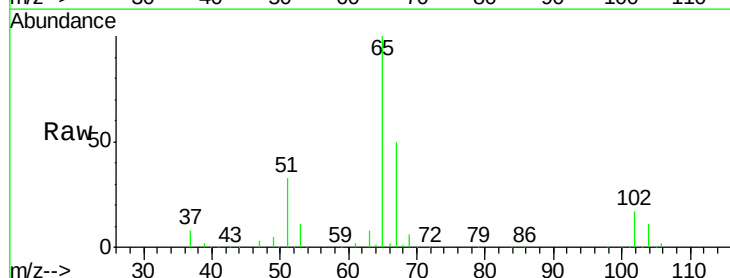
Acq: 30 Aug 2019 16:14

Tgt Ion: 65 Resp: 328976

Ion Ratio Lower Upper

65 100

67 49.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.02

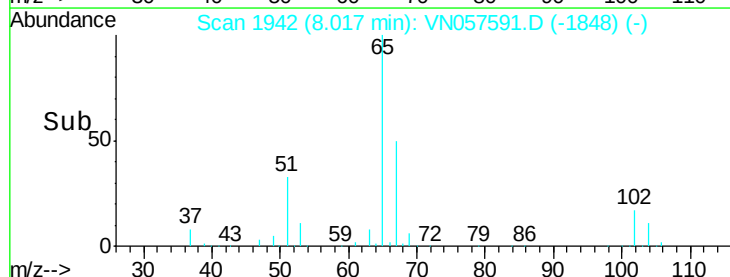
150000

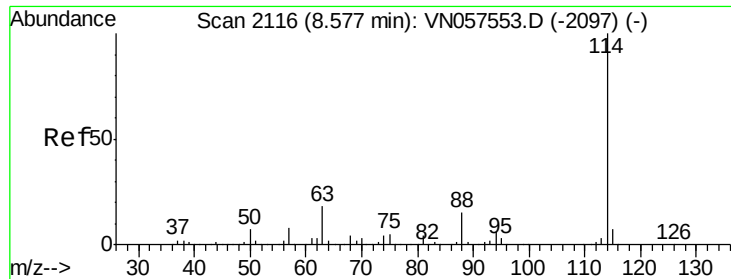
100000

50000

0

Time-->

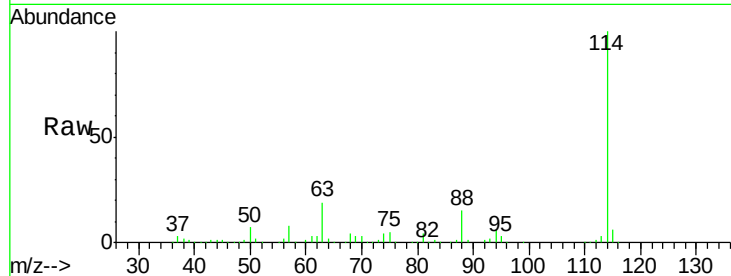




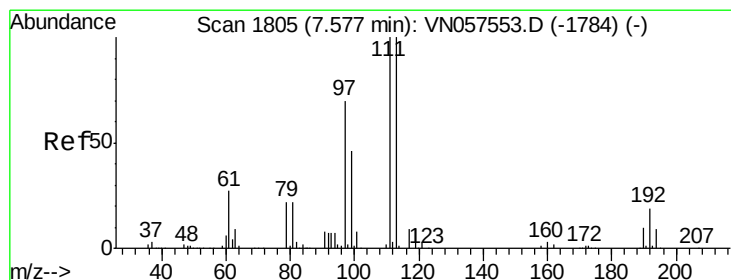
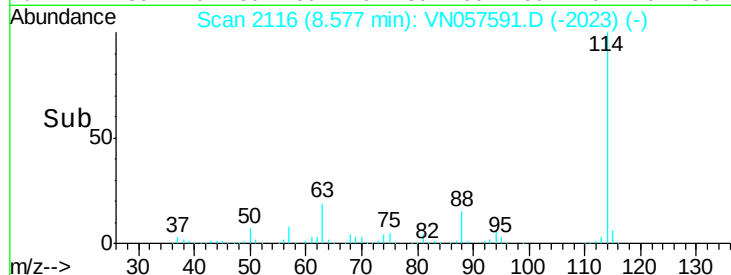
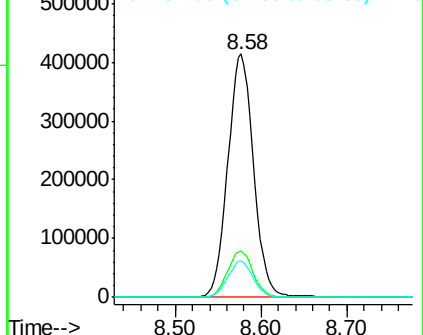
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057591.D
 Acq: 30 Aug 2019 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0831WBL01

Tot Ion:114 Resp: 861049
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 50.2
 88 15.1 0.0 34.6

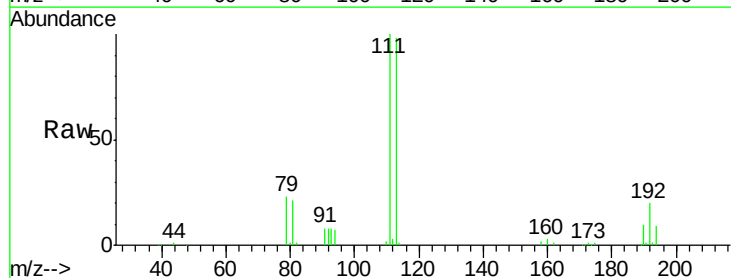


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

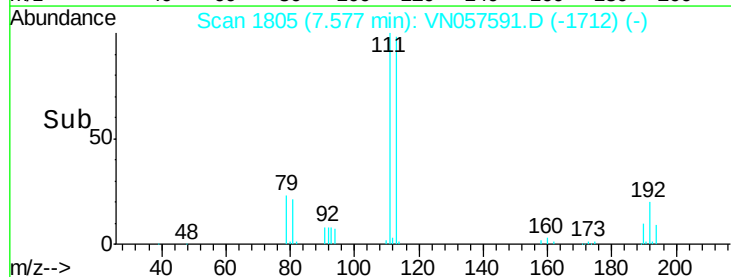
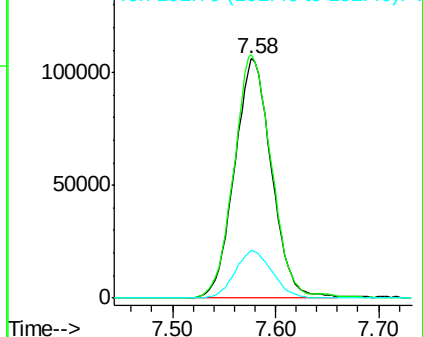


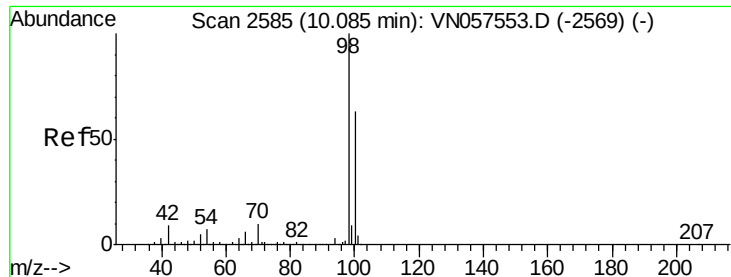
#35
 Dibromofluoromethane
 Concen: 34.353 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN057591.D
 Acq: 30 Aug 2019 16:14

Tgt Ion:113 Resp: 264385
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.8 125.6
 192 19.8 13.5 20.3



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: 37.925 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057591.D

Acq: 30 Aug 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

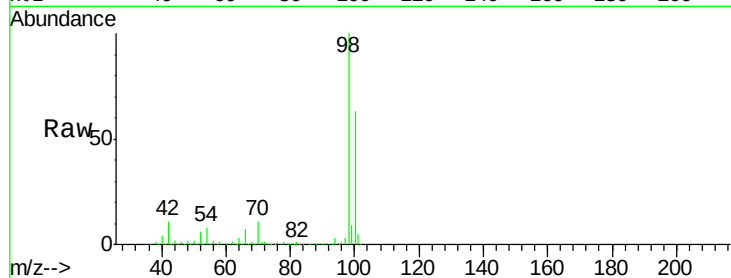
VN0831WBL01

Tot Ion: 98 Resp: 1032402

Ion Ratio Lower Upper

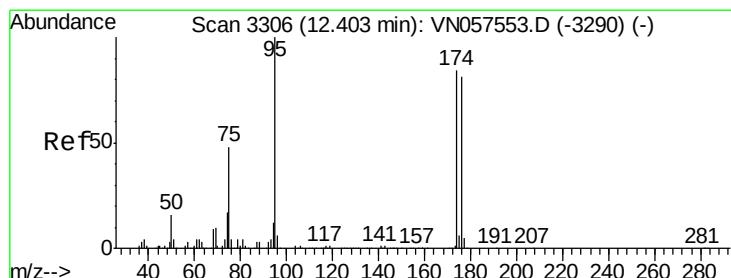
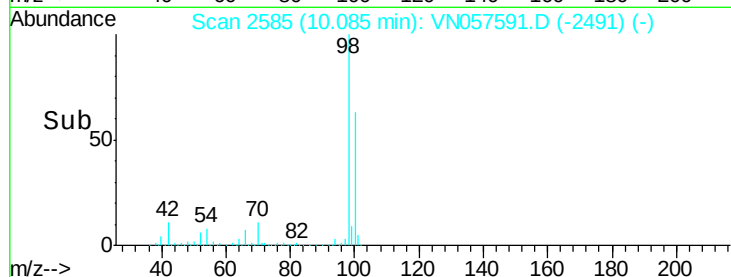
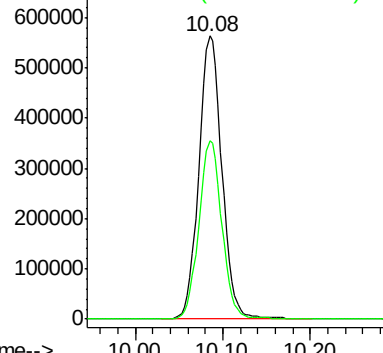
98 100

100 62.8 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 30.423 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057591.D

Acq: 30 Aug 2019 16:14

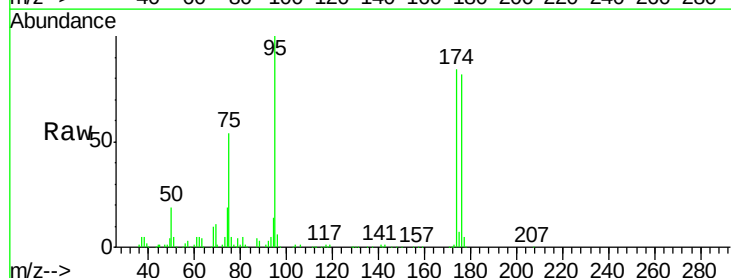
Tgt Ion: 95 Resp: 278003

Ion Ratio Lower Upper

95 100

174 84.6 0.0 133.0

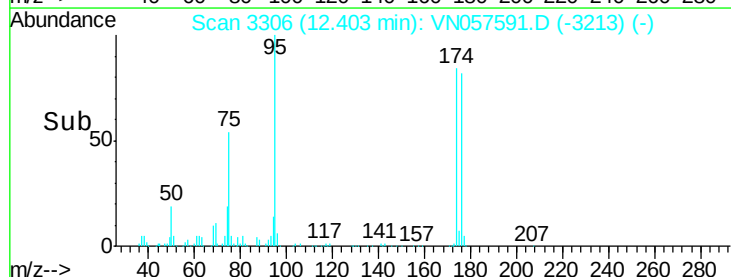
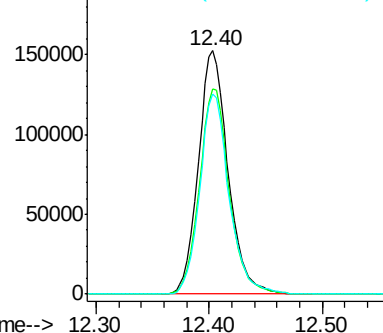
176 81.0 0.0 130.8

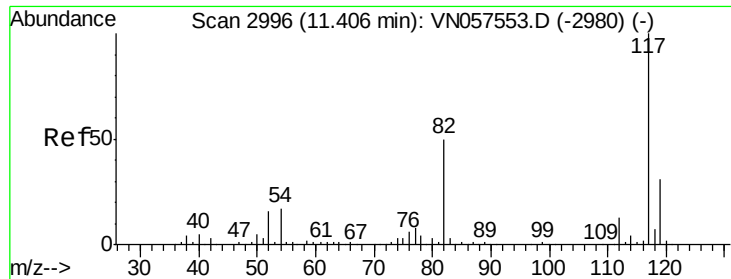


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

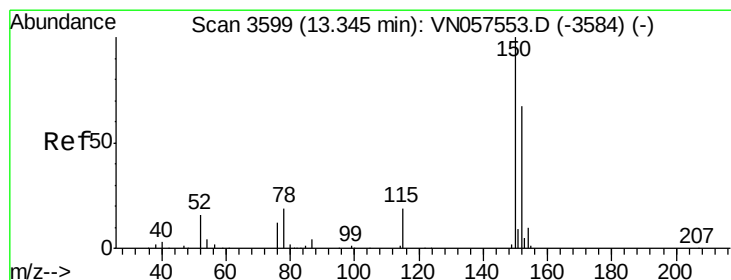
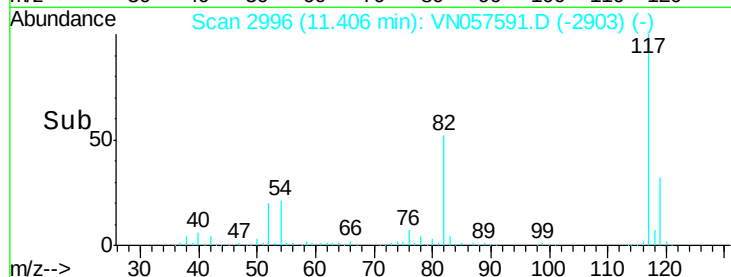
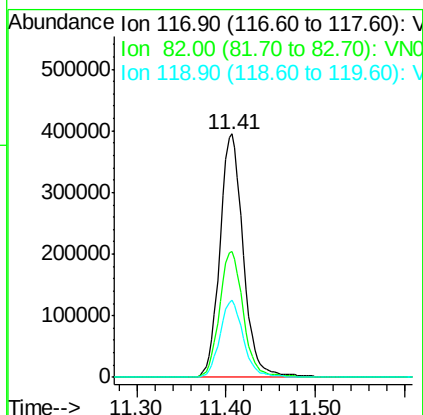
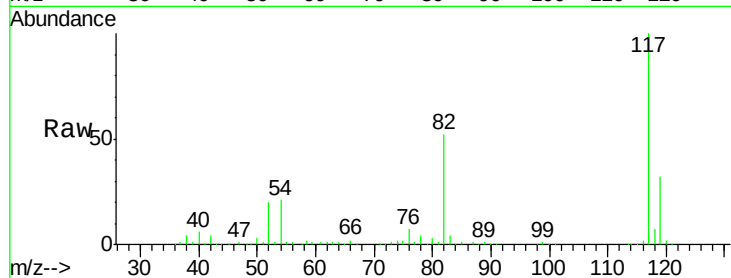




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN057591.D
 Acq: 30 Aug 2019 16:14

Instrument :
 MSVOA_N
 ClientSampled :
 VN0831WBL01

Tot Ion:117 Resp: 716975
 Ion Ratio Lower Upper
 117 100
 82 51.7 50.6 75.8
 119 31.6 24.6 36.8



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN057591.D
 Acq: 30 Aug 2019 16:14

Tgt Ion:152 Resp: 189557
 Ion Ratio Lower Upper
 152 100
 115 60.3 32.0 96.0
 150 160.6 0.0 346.6

