

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091219\
 Data File : VN057934.D
 Acq On : 11 Sep 2019 19:26
 Operator : JC/SP
 Sample : K4818-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-091019-01

Quant Time: Sep 12 03:25:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	304434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	501261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	454924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	237733	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	320563	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
35) Dibromofluoromethane	7.58	113	220560	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
50) Toluene-d8	10.09	98	891266	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.41	95	290576	42.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.90%	

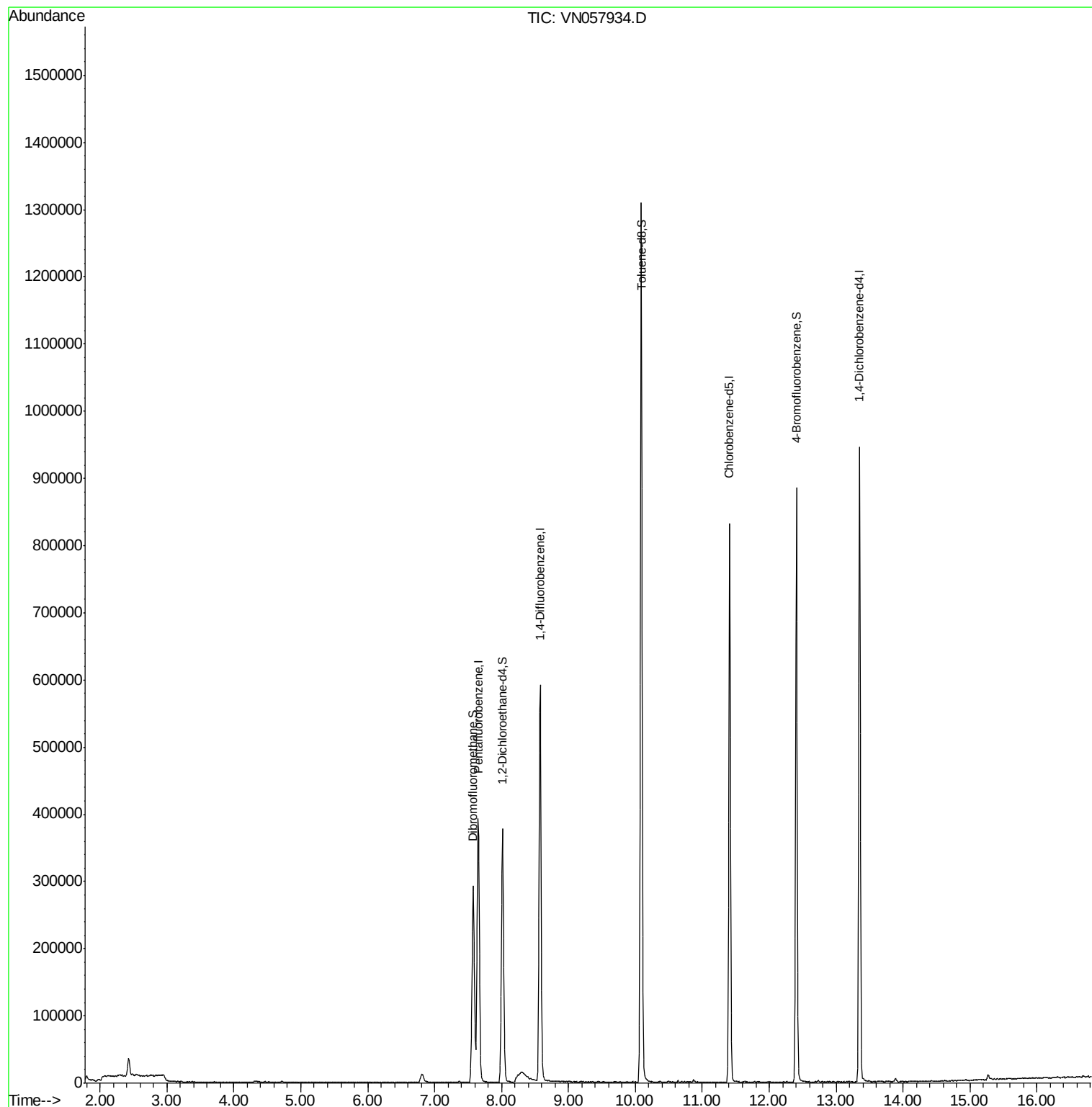
Target Compounds	Qvalue

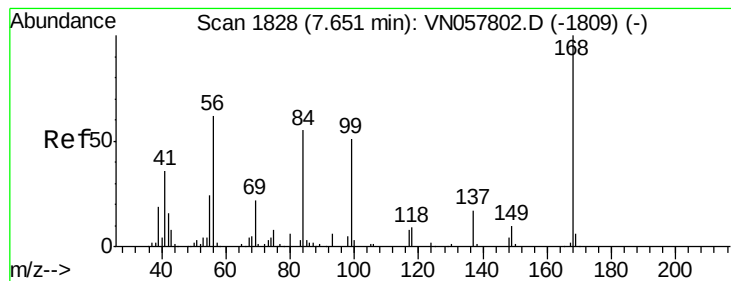
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091219\
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QLast Update : Tue Sep 10 03:02:13 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: VN057934.D

Acq: 11 Sep 2019 19:26

Instrument :

MSVOA_N

ClientSampled :

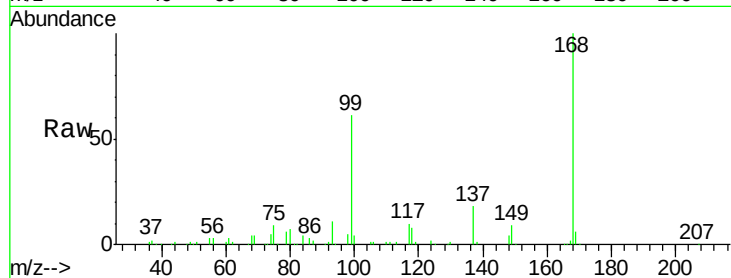
TB-091019-01

Tot Ion:168 Resp: 304434

Ion Ratio Lower Upper

168 100

99 60.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

150000

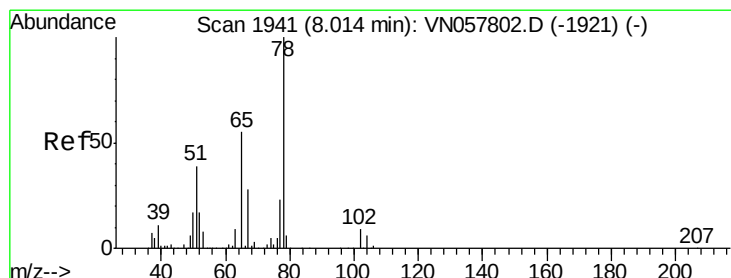
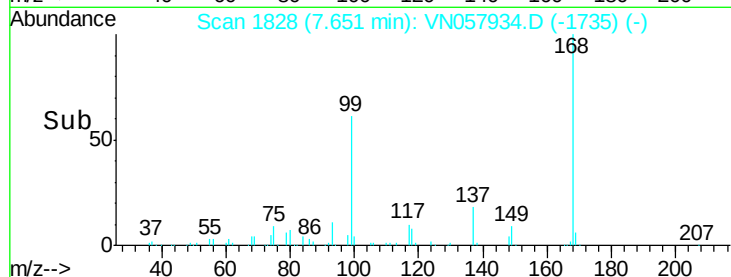
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.988 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057934.D

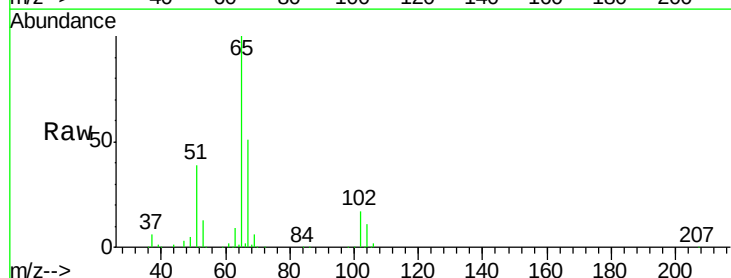
Acq: 11 Sep 2019 19:26

Tgt Ion: 65 Resp: 320563

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

150000

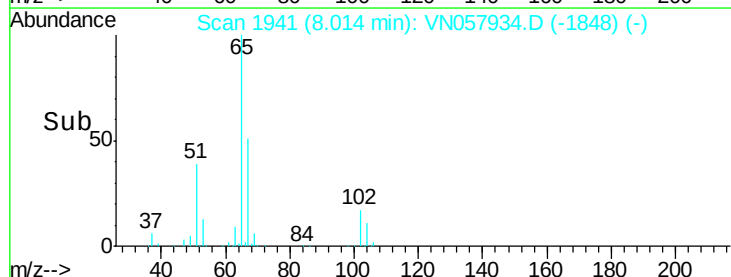
100000

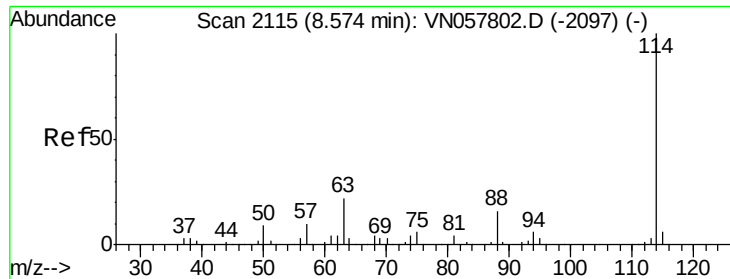
50000

0

7.90 8.10

Time-->

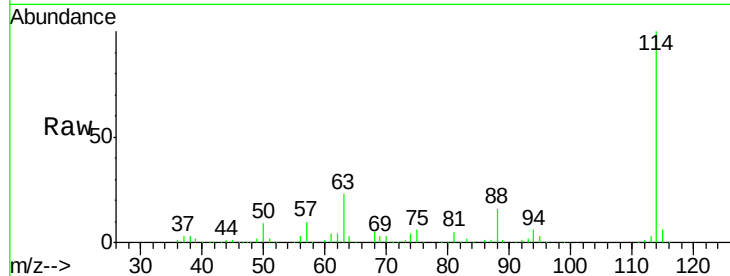




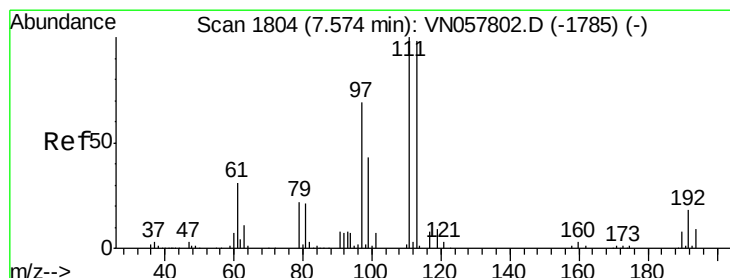
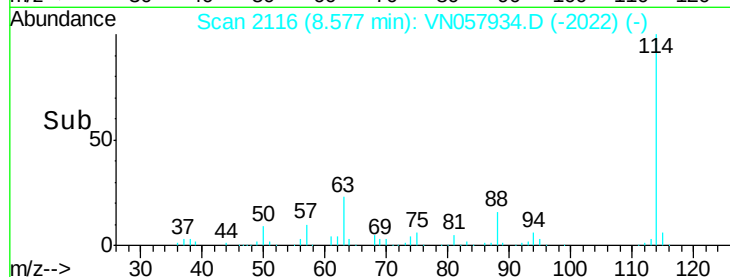
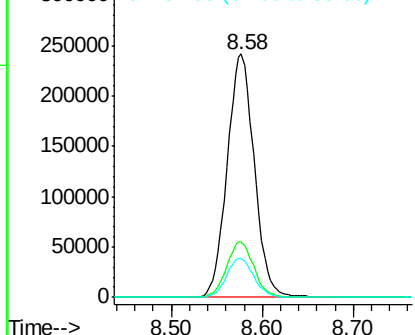
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057934.D
 Acq: 11 Sep 2019 19:26

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-091019-01

Tot Ion:114 Resp: 501261
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.0
 88 16.1 0.0 31.4

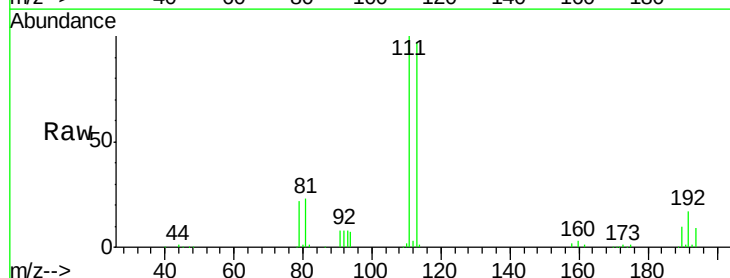


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

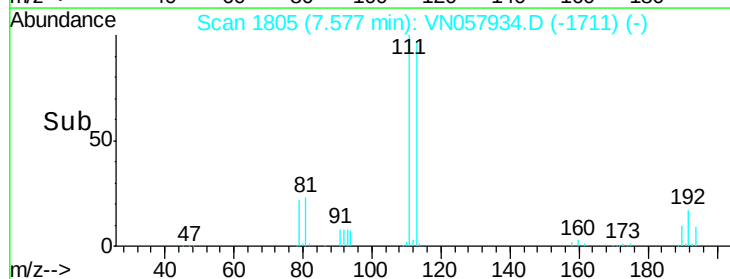
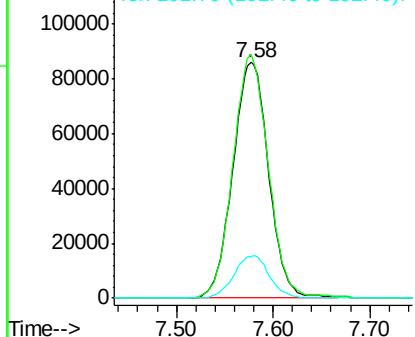


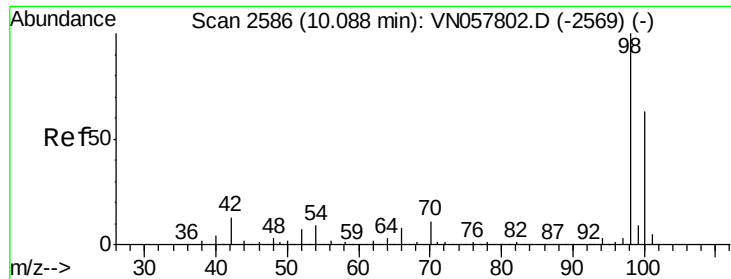
#35
 Dibromofluoromethane
 Concen: 47.674 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057934.D
 Acq: 11 Sep 2019 19:26

Tgt Ion:113 Resp: 220560
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.3 121.9
 192 17.9 14.6 22.0



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: 49.619 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057934.D

Acq: 11 Sep 2019 19:26

Instrument :

MSVOA_N

ClientSampled :

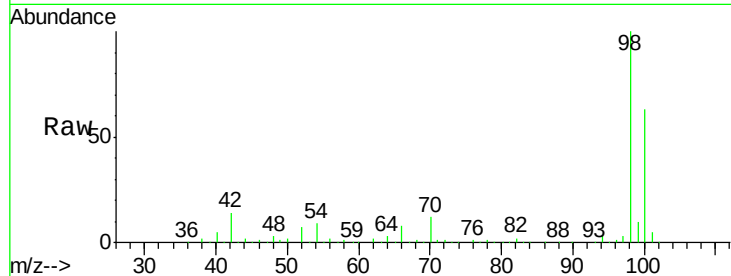
TB-091019-01

Tot Ion: 98 Resp: 891266

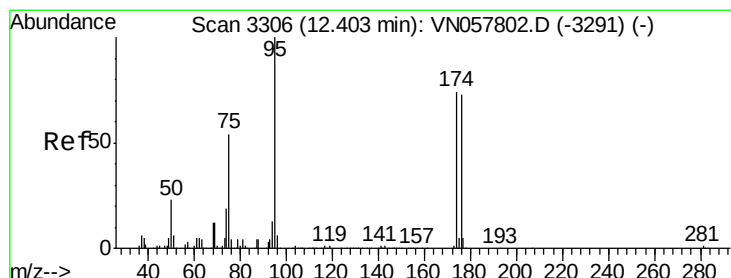
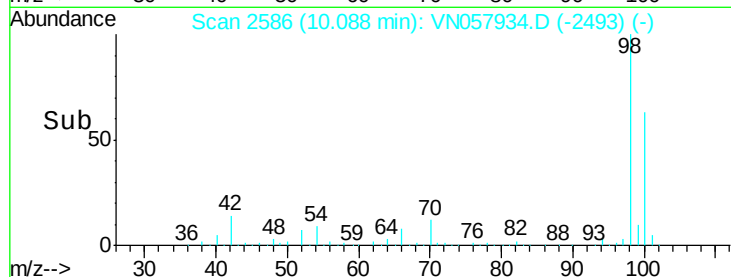
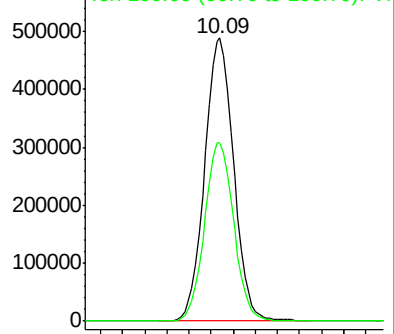
Ion Ratio Lower Upper

98 100

100 63.7 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: 42.449 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN057934.D

Acq: 11 Sep 2019 19:26

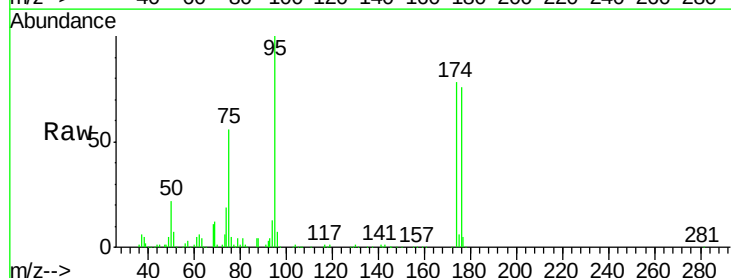
Tgt Ion: 95 Resp: 290576

Ion Ratio Lower Upper

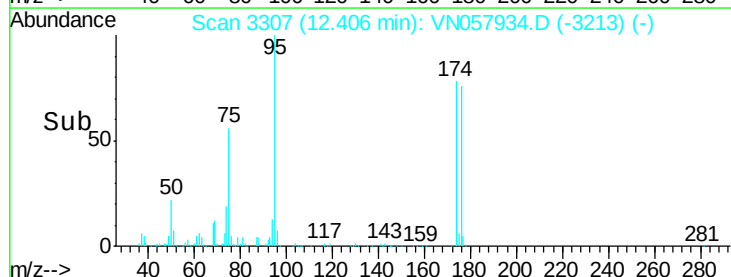
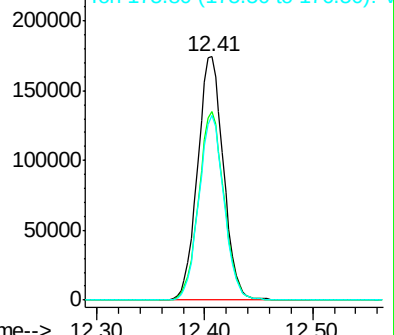
95 100

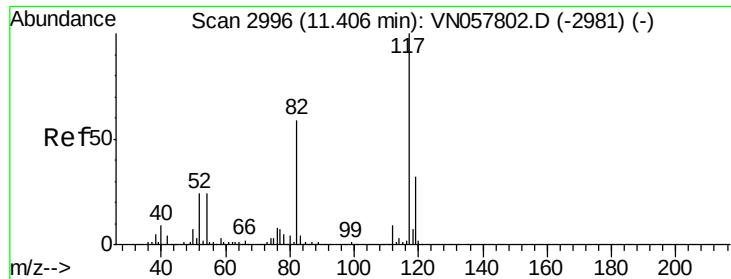
174 75.9 0.0 150.2

176 73.4 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

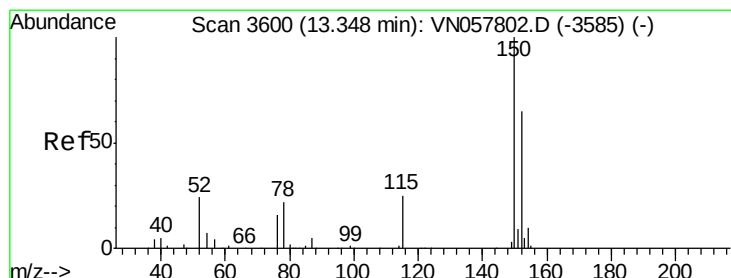
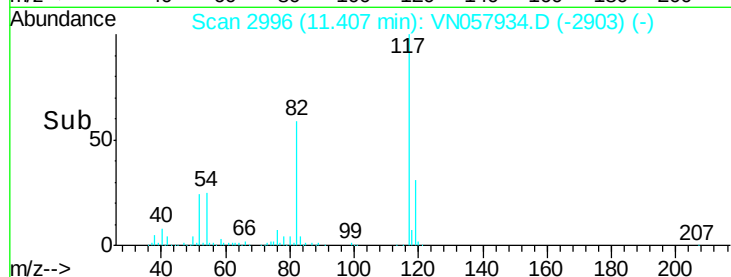
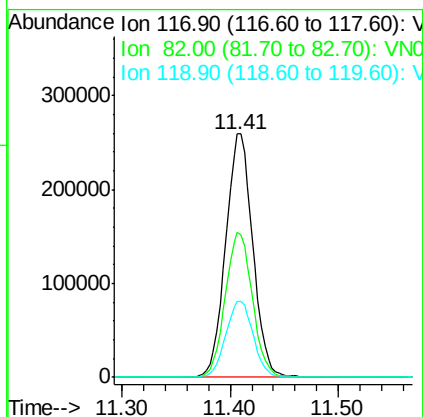
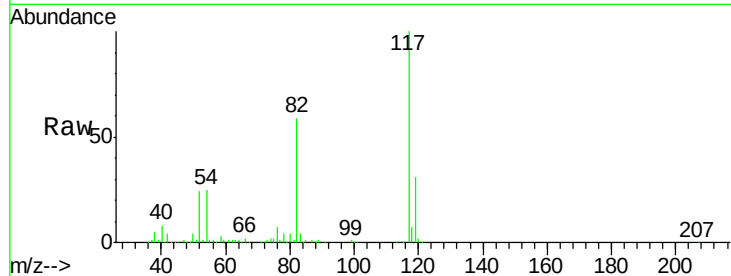




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057934.D
Acq: 11 Sep 2019 19:26

Instrument :
MSVOA_N
ClientSampleId :
TB-091019-01

Tot Ion:117 Resp: 454924
Ion Ratio Lower Upper
117 100
82 59.3 47.2 70.8
119 31.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057934.D
Acq: 11 Sep 2019 19:26

Tgt Ion:152 Resp: 237733
Ion Ratio Lower Upper
152 100
115 60.5 30.3 91.0
150 158.1 0.0 352.4

