

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058207.D
 Acq On : 19 Sep 2019 16:41
 Operator : JC/SP
 Sample : VN0919WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0919WBL02

Quant Time: Sep 20 04:56:39 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	510049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	828521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	708790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	290602	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	365831	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
35) Dibromofluoromethane	7.58	113	259256	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
50) Toluene-d8	10.08	98	1033998	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.40	95	334784	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	

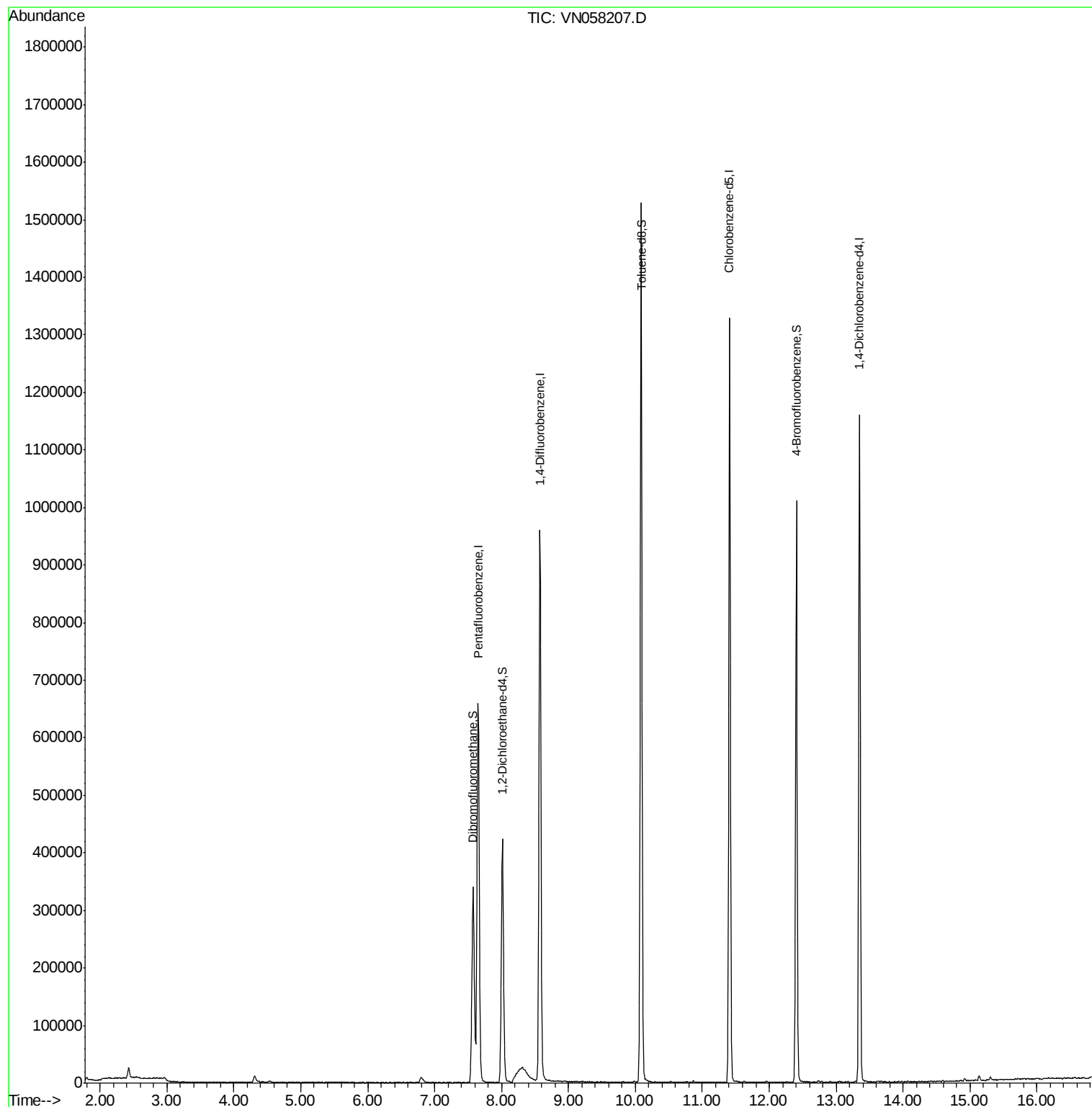
Target Compounds	Qvalue

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

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QLast Update : Thu Sep 19 09:27:53 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: VN058207.D

Acq: 19 Sep 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

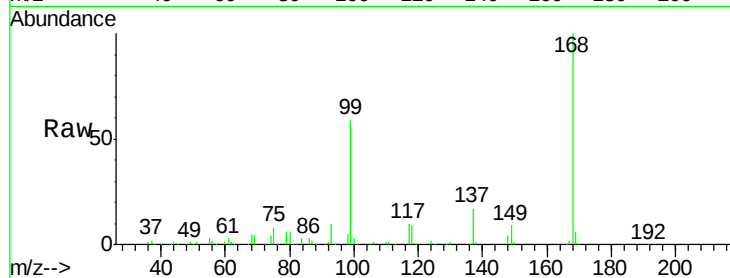
VN0919WBL02

Tot Ion:168 Resp: 510049

Ion Ratio Lower Upper

168 100

99 59.1 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

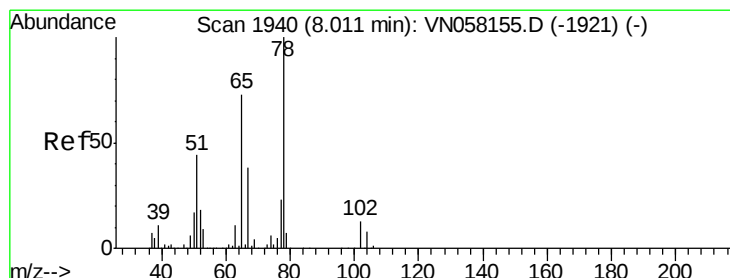
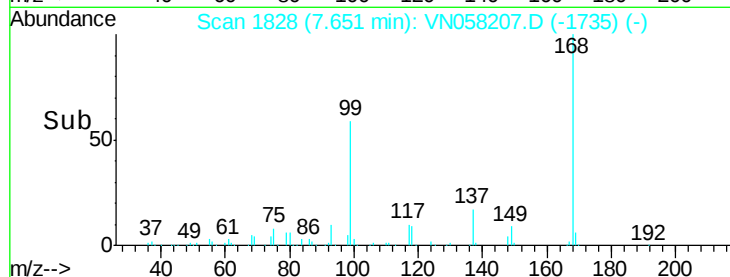
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.497 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058207.D

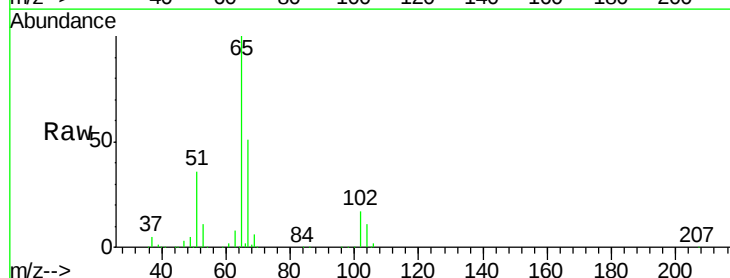
Acq: 19 Sep 2019 16:41

Tgt Ion: 65 Resp: 365831

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

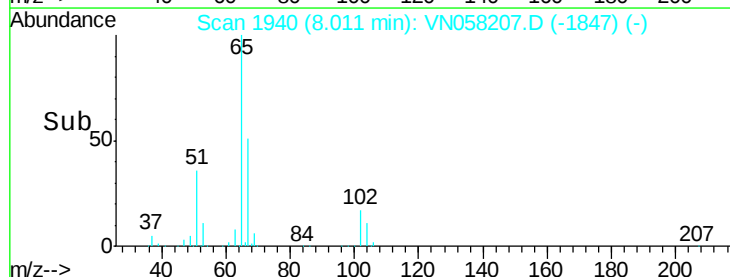
150000

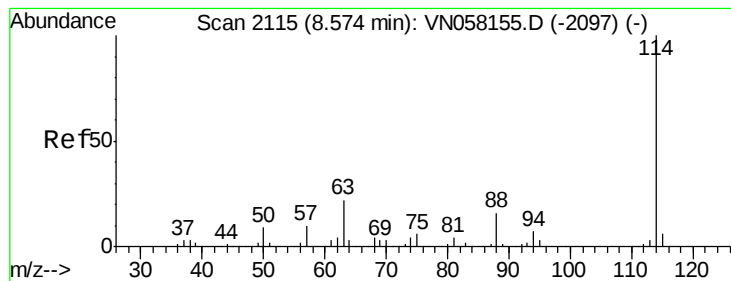
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058207.D

Acq: 19 Sep 2019 16:41

Instrument :

MSVOA_N

ClientSampled :

VN0919WBL02

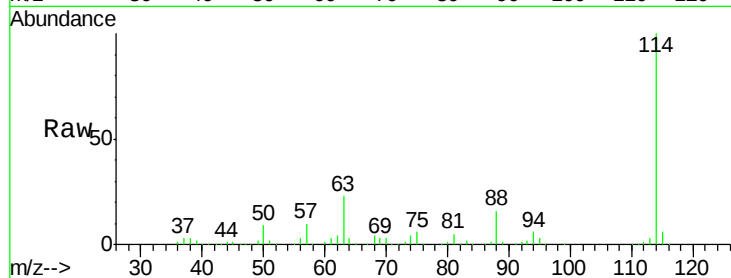
Tot Ion:114 Resp: 828521

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.2

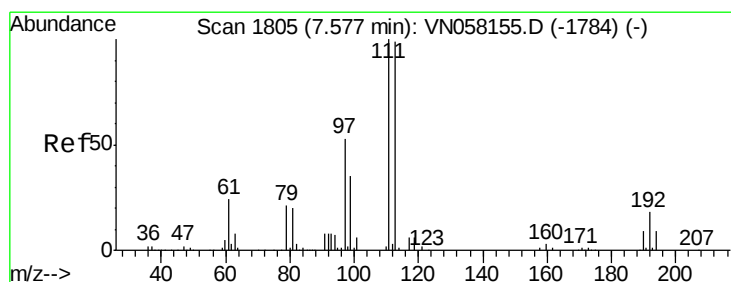
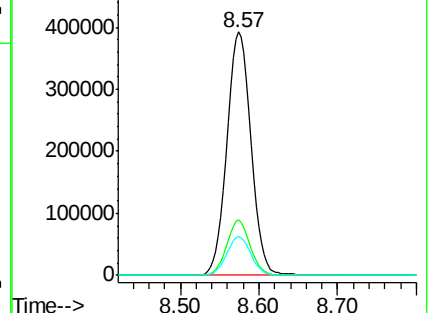
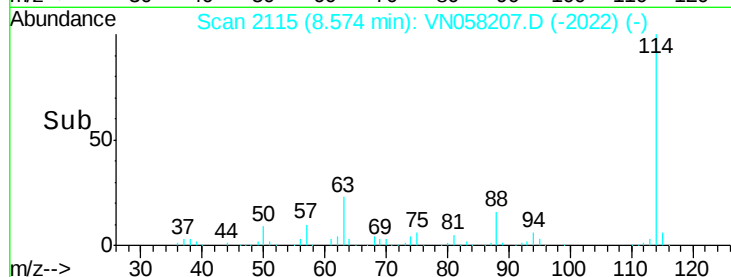
88 15.9 0.0 31.6



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: 51.473 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN058207.D

Acq: 19 Sep 2019 16:41

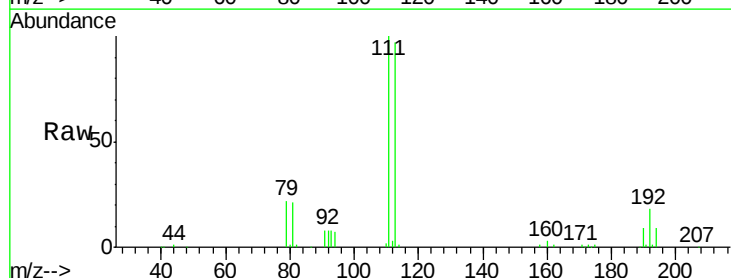
Tgt Ion:113 Resp: 259256

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.6

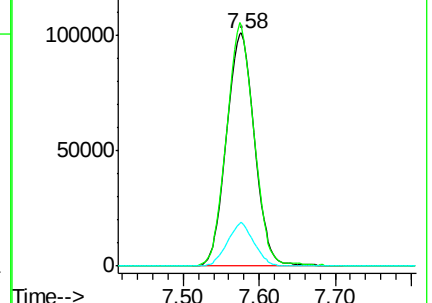
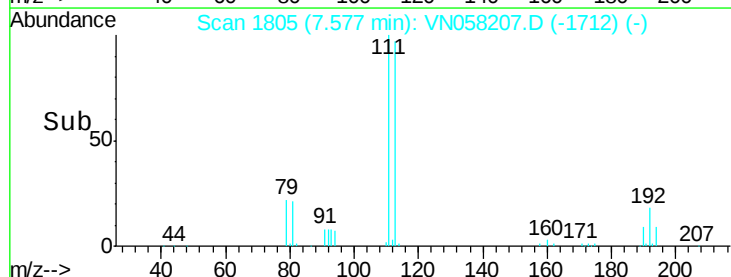
192 17.8 14.5 21.7

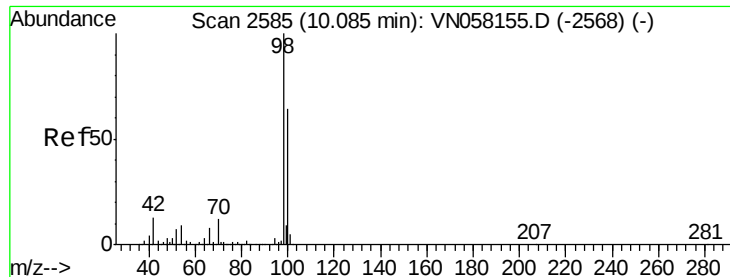


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.690 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058207.D

Acq: 19 Sep 2019 16:41

Instrument :

MSVOA_N

ClientSampleId :

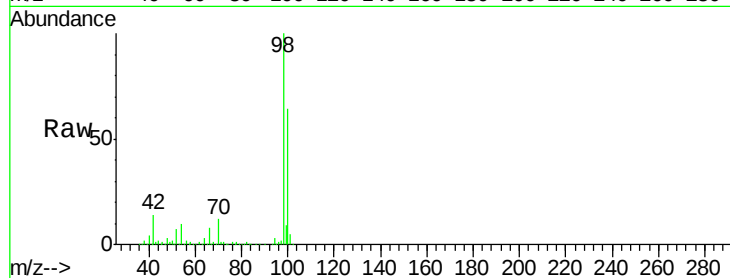
VN0919WBL02

Tot Ion: 98 Resp: 1033998

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

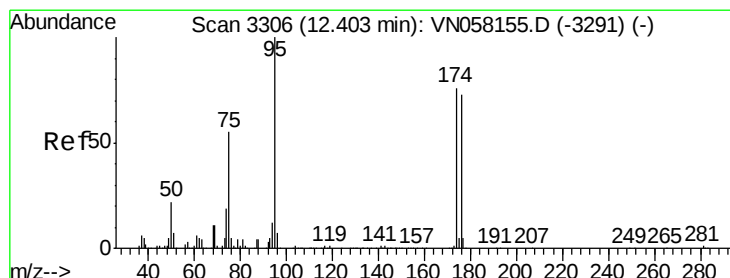
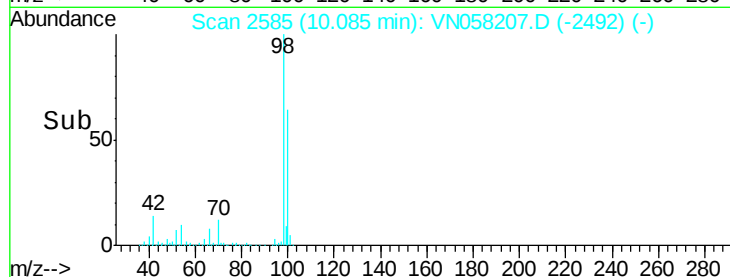
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.926 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058207.D

Acq: 19 Sep 2019 16:41

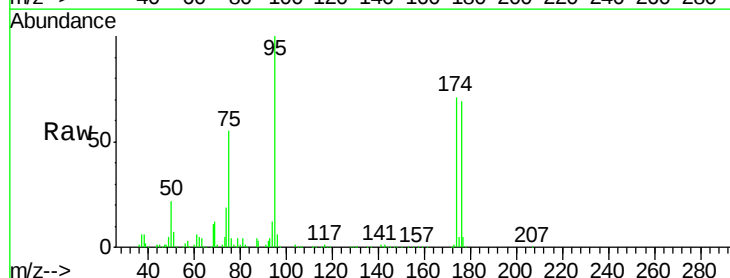
Tgt Ion: 95 Resp: 334784

Ion Ratio Lower Upper

95 100

174 74.6 0.0 152.2

176 72.6 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

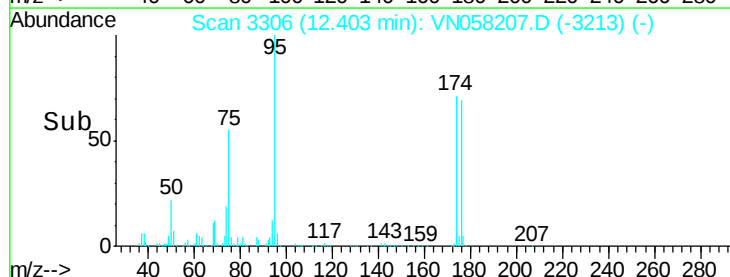
150000

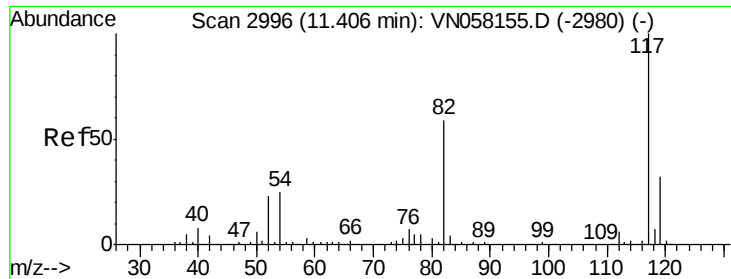
100000

50000

0

Time-->

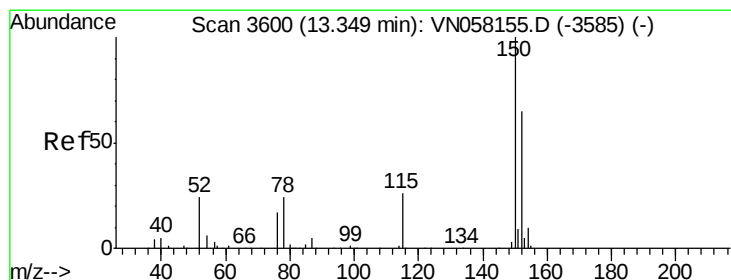
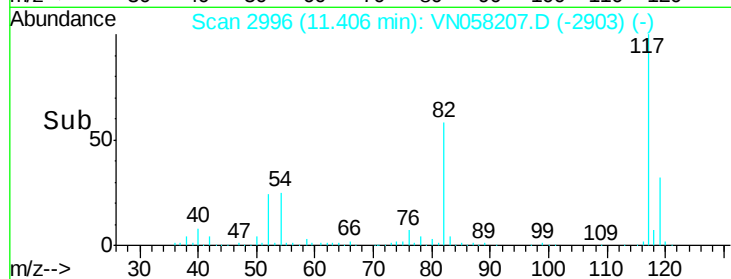
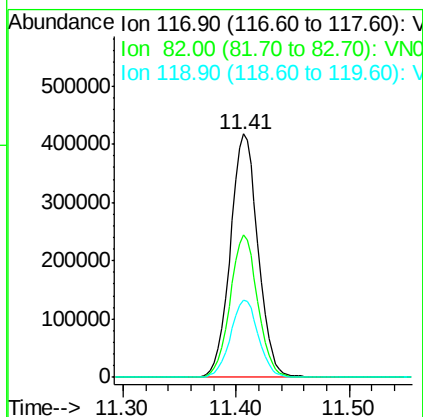
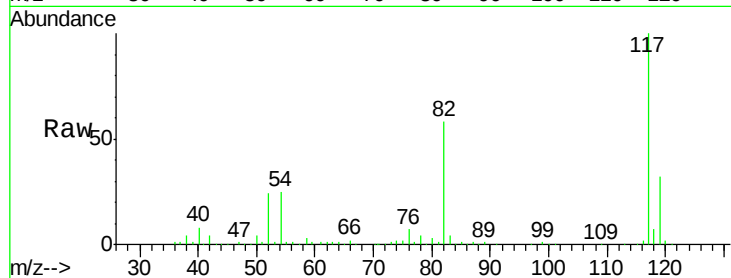




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058207.D
Acq: 19 Sep 2019 16:41

Instrument :
MSVOA_N
ClientSampled :
VN0919WBL02

Tot Ion:117 Resp: 708790
Ion Ratio Lower Upper
117 100
82 58.5 46.9 70.3
119 31.7 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: VN058207.D
Acq: 19 Sep 2019 16:41

Tgt Ion:152 Resp: 290602
Ion Ratio Lower Upper
152 100
115 61.7 30.1 90.3
150 157.9 0.0 346.4

