

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103119\
 Data File : VN059025.D
 Acq On : 31 Oct 2019 9:26
 Operator : JC/SP
 Sample : VN1031MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBL01

Quant Time: Nov 01 00:28:38 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	7.64	168	439291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	688188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	584485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	194831	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	299215	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
35) Dibromofluoromethane	7.57	113	226900	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	10.08	98	862405	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
62) 4-Bromofluorobenzene	12.40	95	259562	40.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.48%	

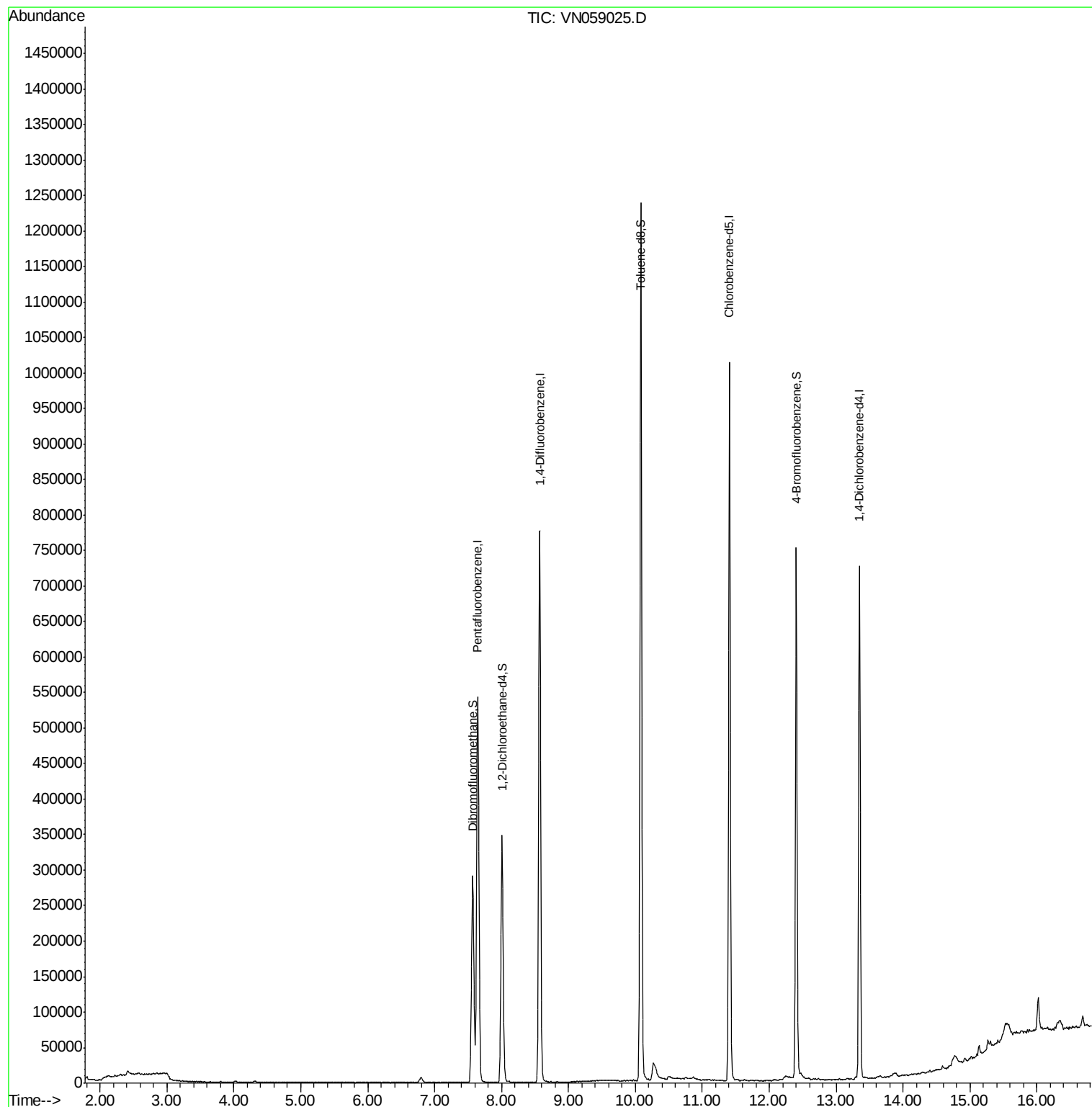
Target Compounds	Qvalue
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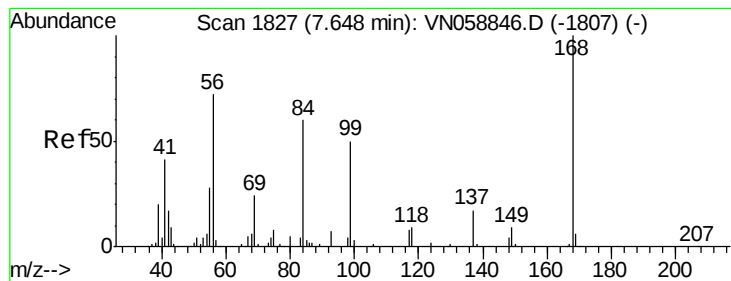
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059025.D

Acq: 31 Oct 2019 9:26

Instrument :

MSVOA_N

ClientSampleId :

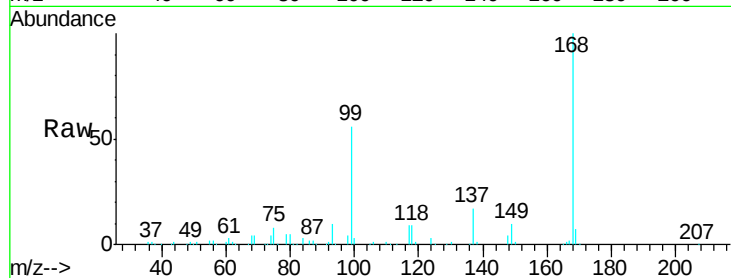
VN1031MBL01

Tgt Ion: 168 Resp: 439291

Ion Ratio Lower Upper

168 100

99 56.2 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) (-)

7.64

200000

150000

100000

50000

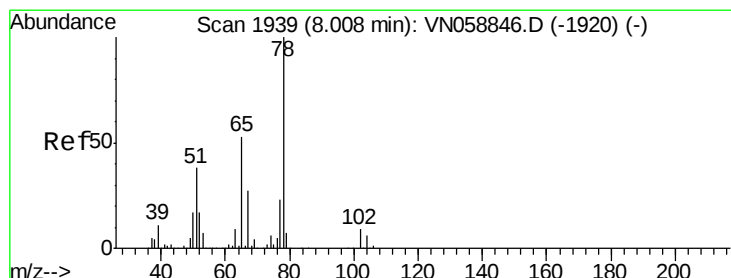
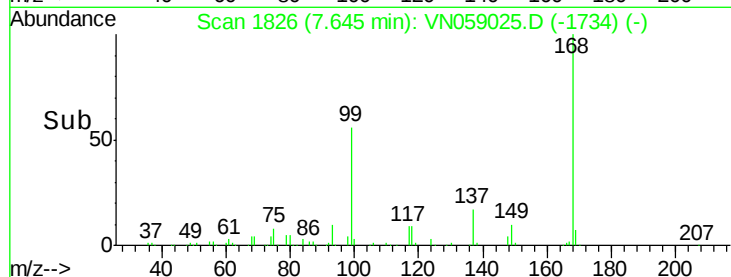
0

7.50

7.60

7.70

7.80



#33

1,2-Dichloroethane-d4

Concen: 46.441 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059025.D

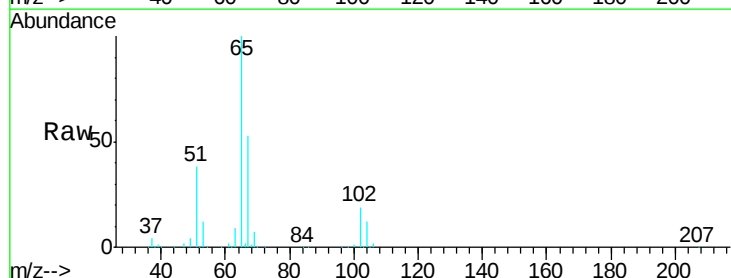
Acq: 31 Oct 2019 9:26

Tgt Ion: 65 Resp: 299215

Ion Ratio Lower Upper

65 100

67 53.5 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

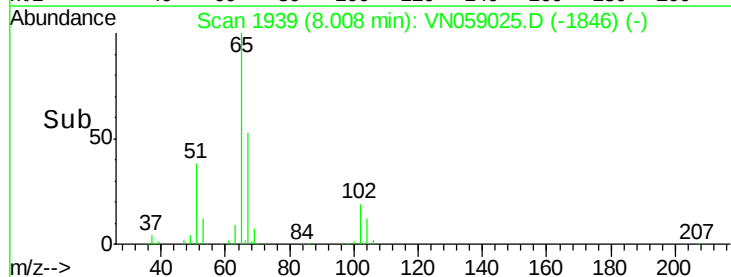
50000

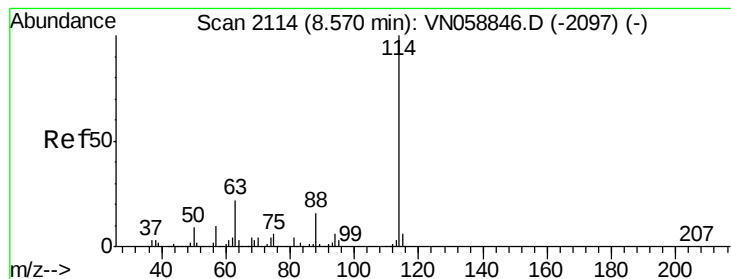
0

7.90

8.00

8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059025.D

Acq: 31 Oct 2019 9:26

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBL01

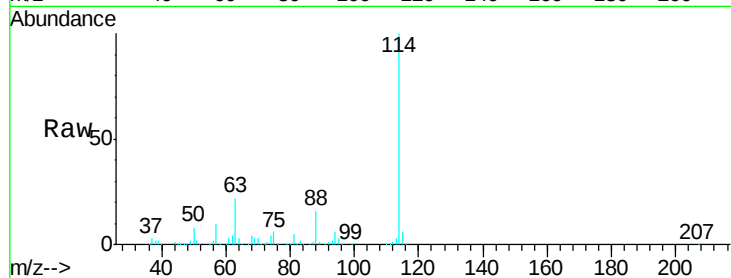
Tgt Ion:114 Resp: 688188

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.4

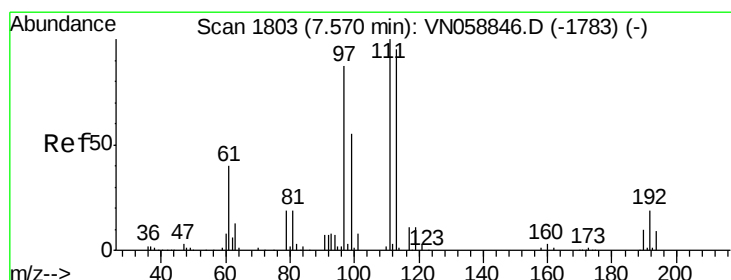
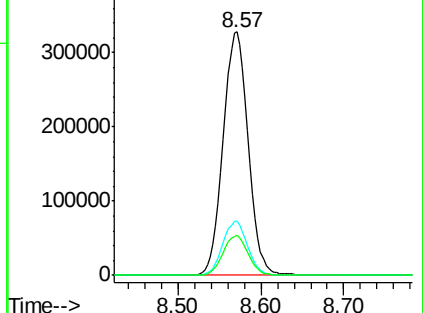
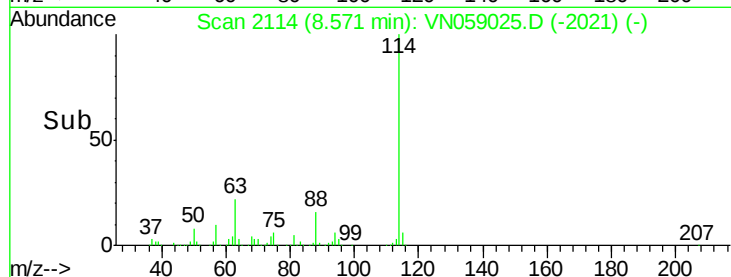
88 16.2 0.0 31.4



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: 50.147 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059025.D

Acq: 31 Oct 2019 9:26

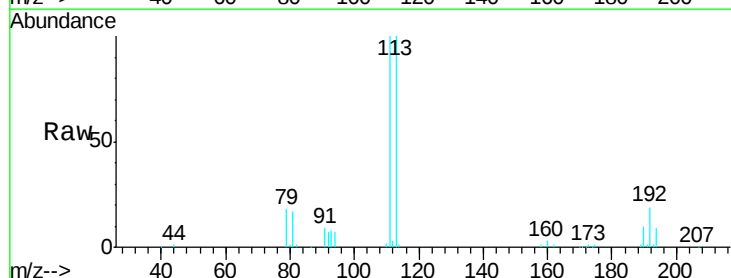
Tgt Ion:113 Resp: 226900

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

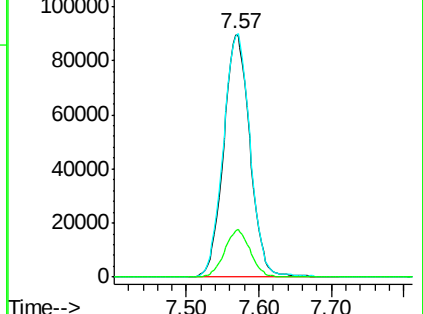
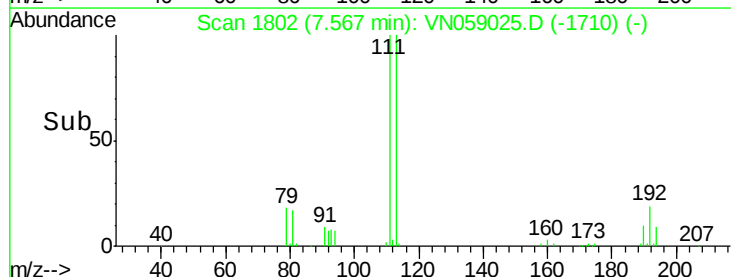
192 19.0 15.0 22.6

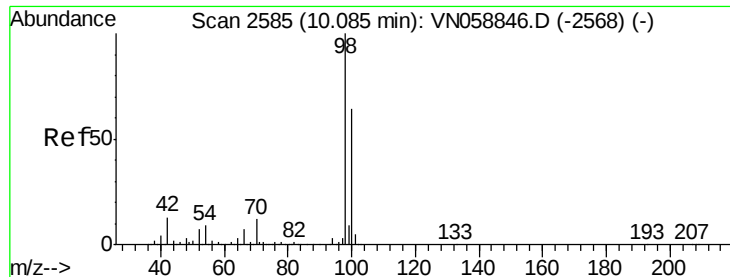


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.100 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059025.D

Acq: 31 Oct 2019 9:26

Instrument :

MSVOA_N

ClientSampleId :

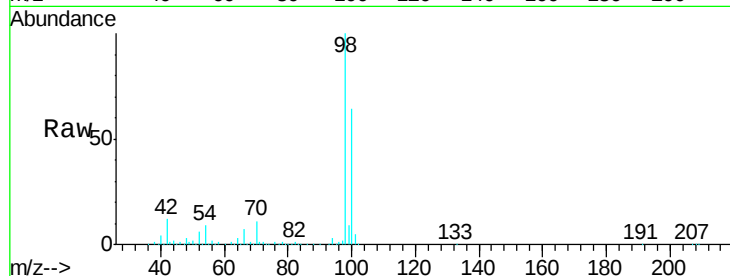
VN1031MBL01

Tgt Ion: 98 Resp: 862405

Ion Ratio Lower Upper

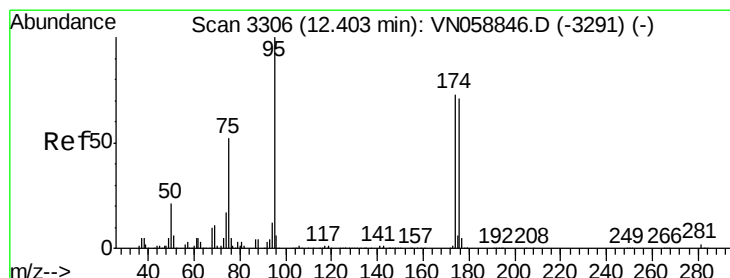
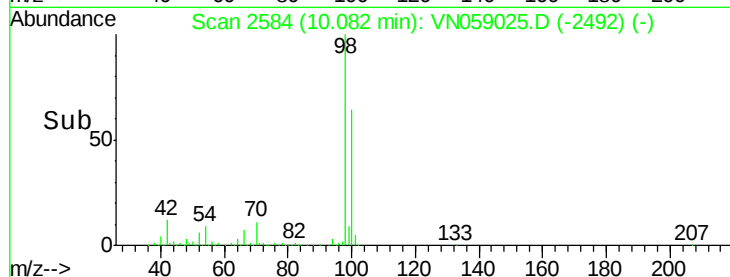
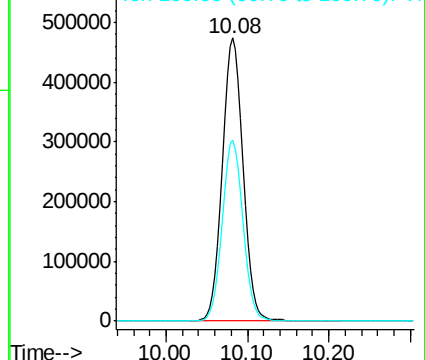
98 100

100 63.7 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: 40.242 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059025.D

Acq: 31 Oct 2019 9:26

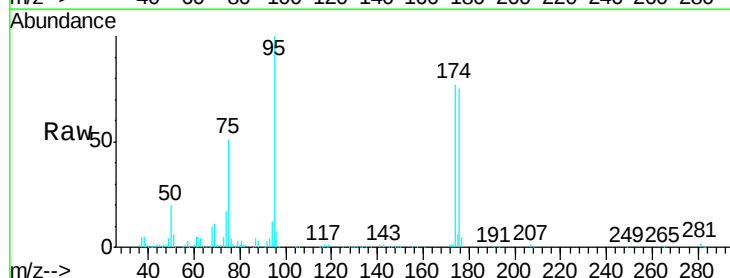
Tgt Ion: 95 Resp: 259562

Ion Ratio Lower Upper

95 100

174 77.4 0.0 147.6

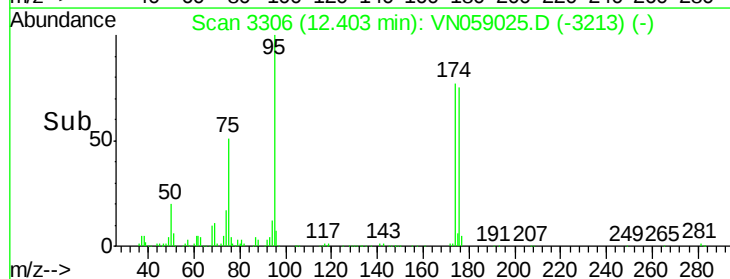
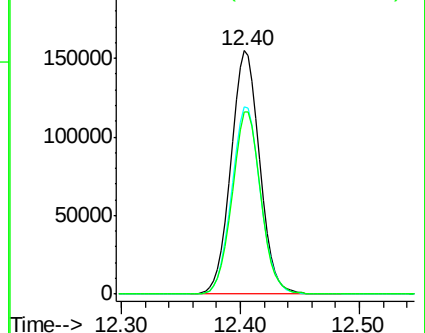
176 74.9 0.0 143.2

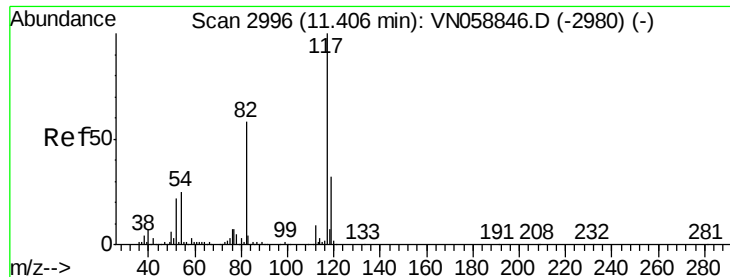


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

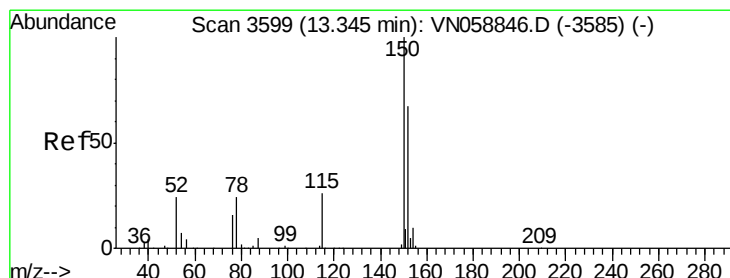
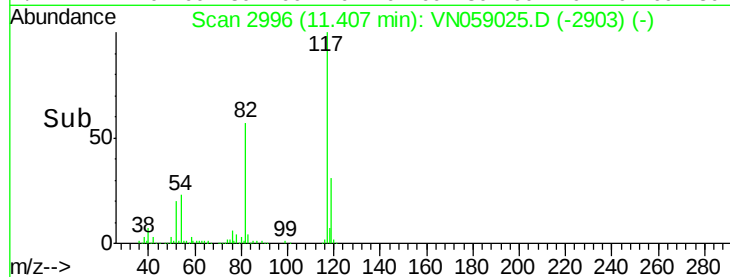
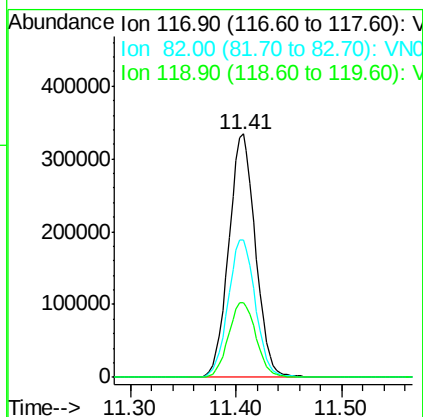
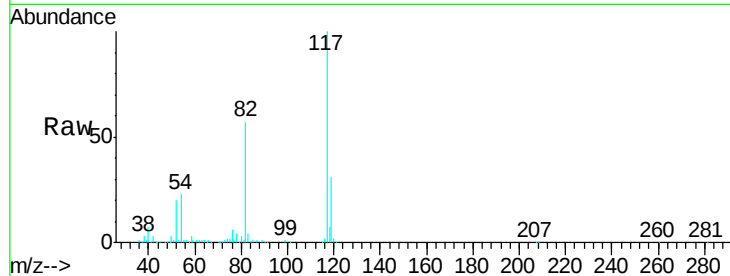




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059025.D
Acq: 31 Oct 2019 9:26

Instrument :
MSVOA_N
ClientSampled :
VN1031MBL01

Tgt Ion:117 Resp: 584485
Ion Ratio Lower Upper
117 100
82 56.6 46.6 69.8
119 30.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN059025.D
Acq: 31 Oct 2019 9:26

Tgt Ion:152 Resp: 194831
Ion Ratio Lower Upper
152 100
115 60.9 30.5 91.5
150 158.6 0.0 344.4

