

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120619\
 Data File : VN059506.D
 Acq On : 6 Dec 2019 11:22
 Operator : JC/SP
 Sample : VN1206WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBL01

Quant Time: Dec 06 22:38:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 16:37:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	230848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	368990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	329152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	119371	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	164218	57.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.52%	
35) Dibromofluoromethane	7.57	113	119153	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
50) Toluene-d8	10.08	98	462833	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.40	95	141422	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	

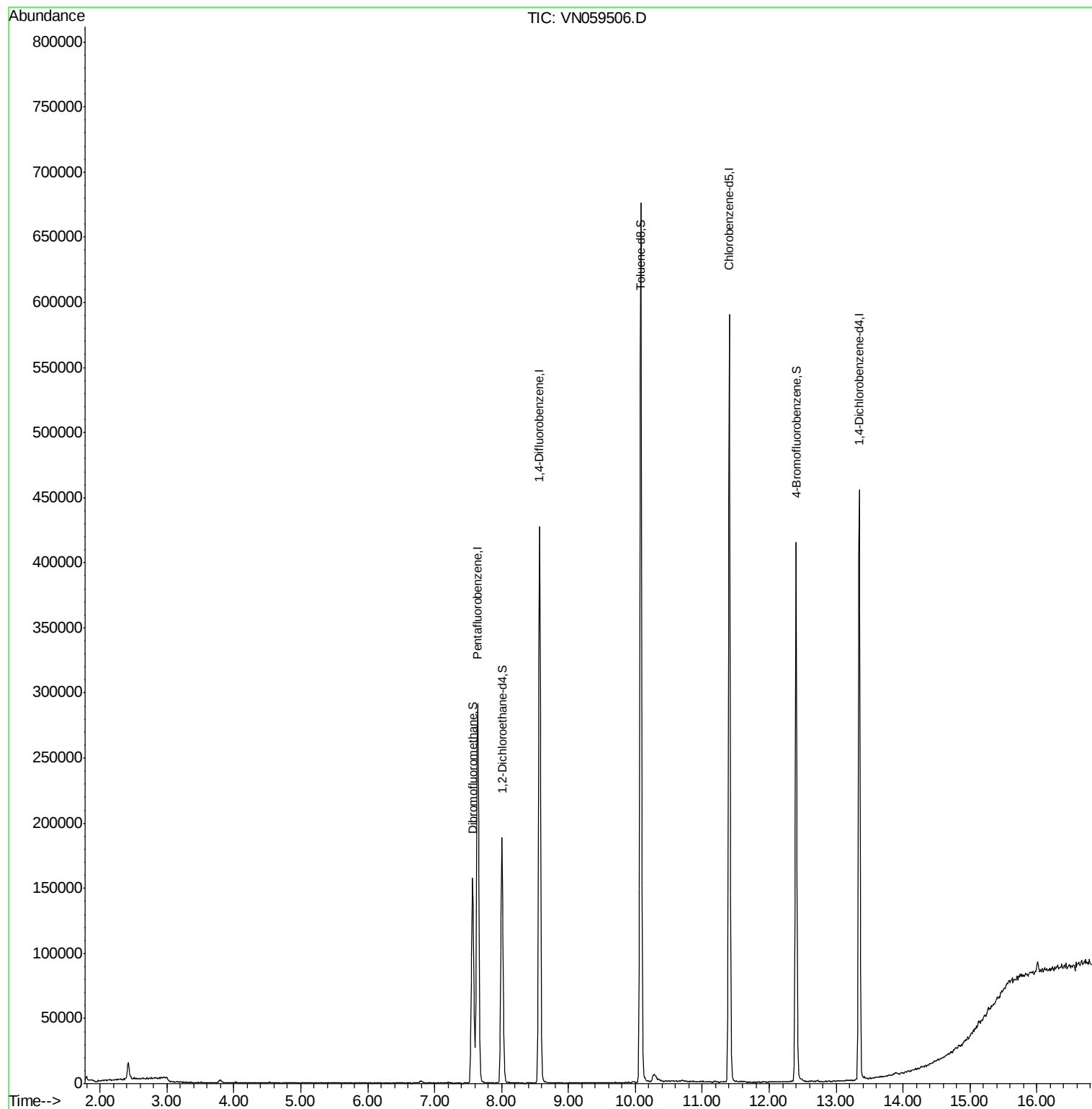
Target Compounds	Qvalue

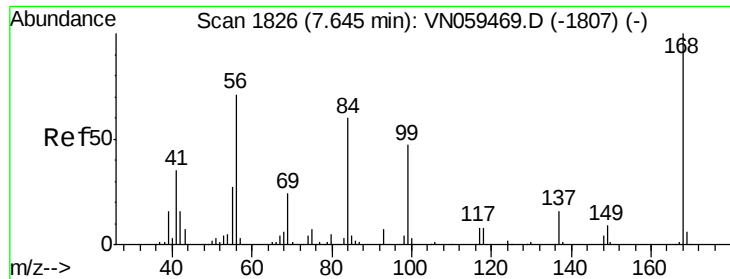
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120619\
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Quant Title : SW846 8260
QLast Update : Tue Dec 03 16:37:42 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059506.D

Acq: 6 Dec 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

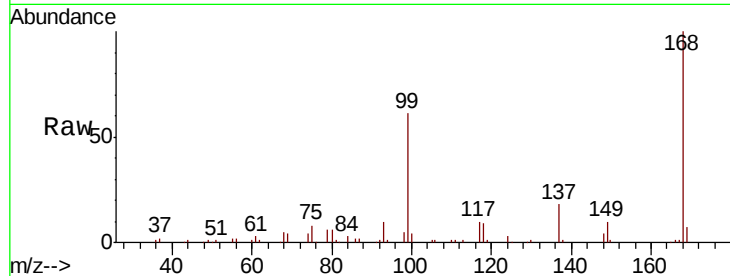
VN1206WBL01

Tot Ion:168 Resp: 230848

Ion Ratio Lower Upper

168 100

99 61.2 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

100000

80000

60000

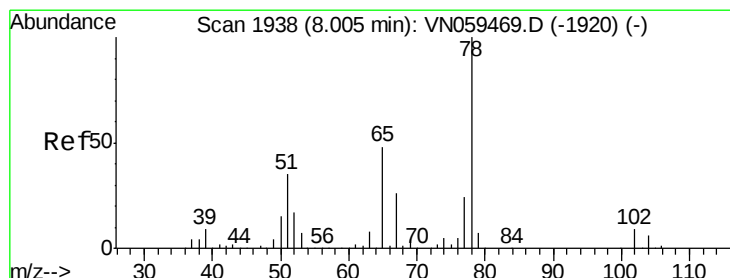
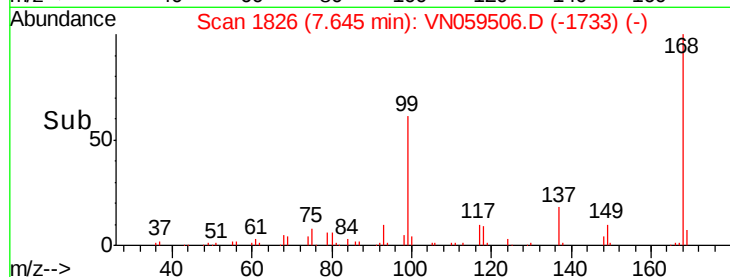
40000

20000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.264 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059506.D

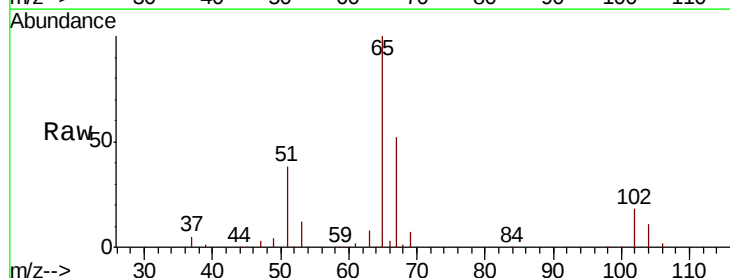
Acq: 6 Dec 2019 11:22

Tgt Ion: 65 Resp: 164218

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.00

80000

60000

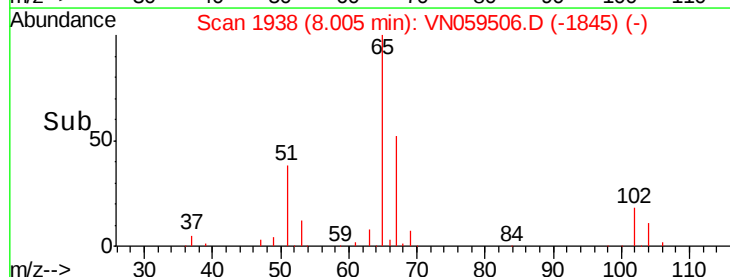
40000

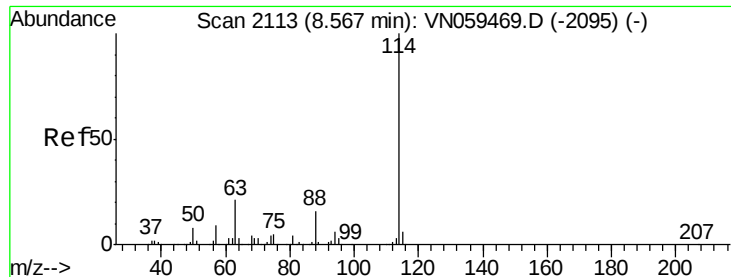
20000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059506.D

Acq: 6 Dec 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBL01

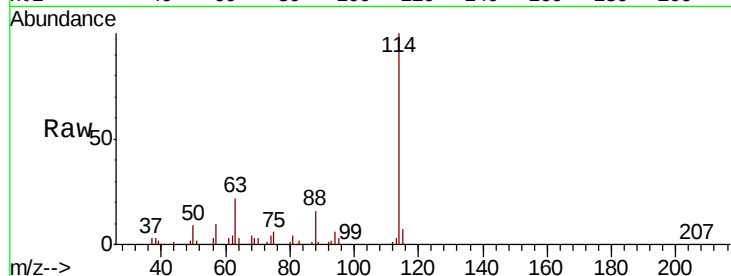
Tot Ion:114 Resp: 368990

Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.4

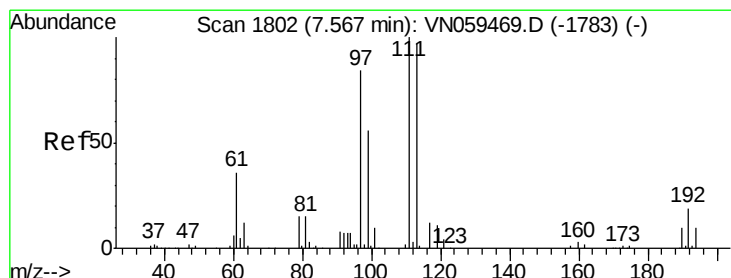
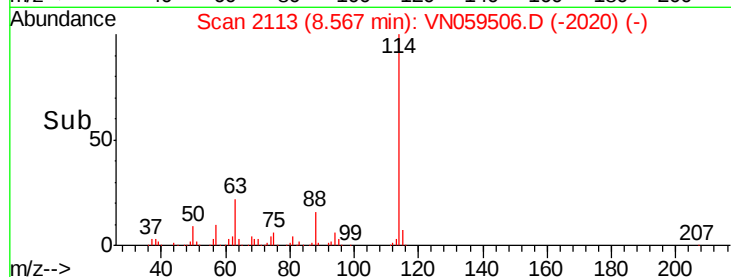
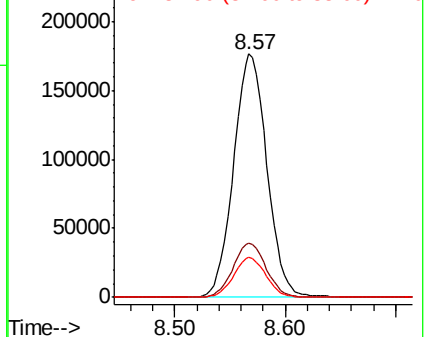
88 16.2 0.0 32.8



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: 51.847 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN059506.D

Acq: 6 Dec 2019 11:22

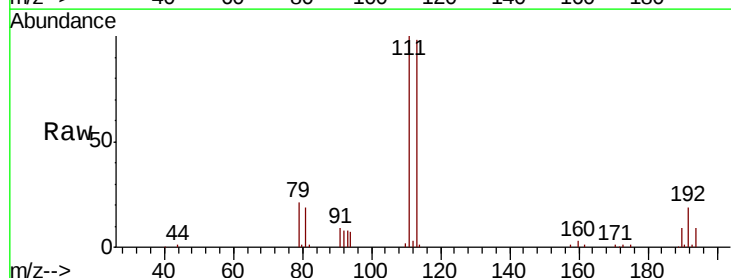
Tgt Ion:113 Resp: 119153

Ion Ratio Lower Upper

113 100

111 102.8 82.5 123.7

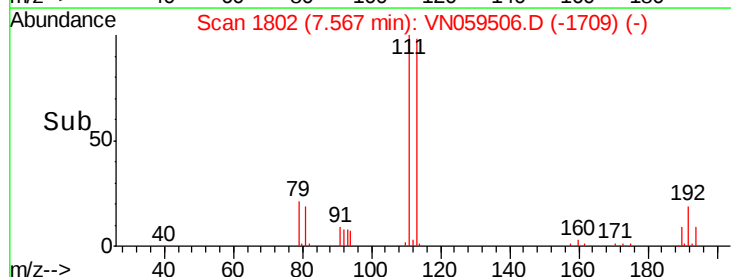
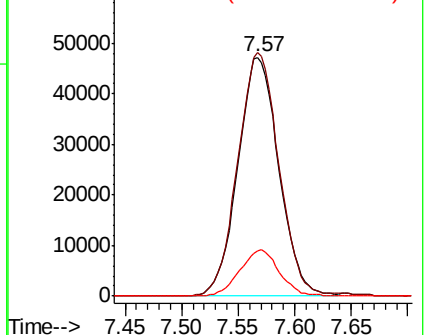
192 18.6 16.1 24.1

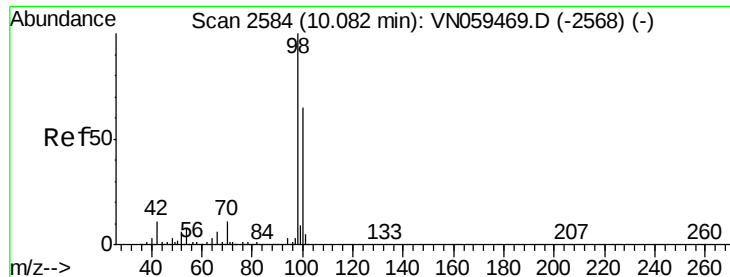


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.079 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059506.D

Acq: 6 Dec 2019 11:22

Instrument :

MSVOA_N

ClientSampleId :

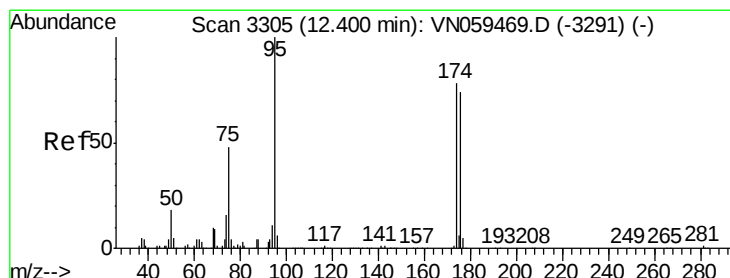
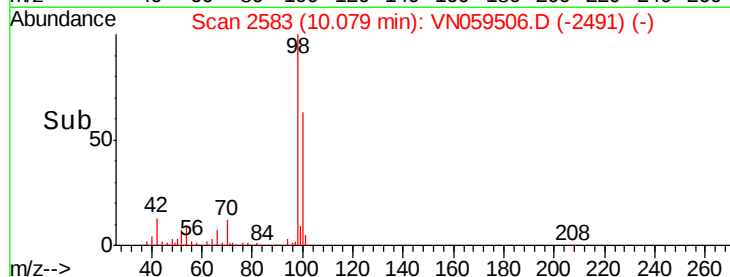
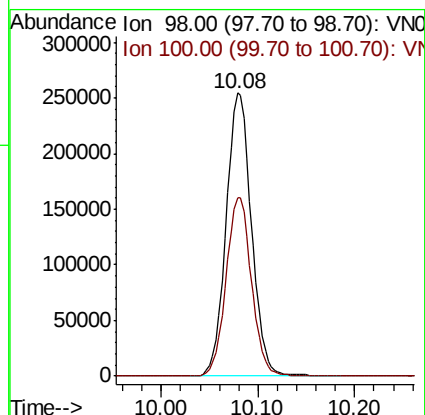
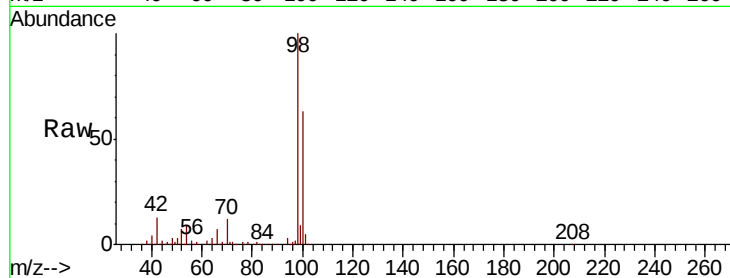
VN1206WBL01

Tot Ion: 98 Resp: 462833

Ion Ratio Lower Upper

98 100

100 63.4 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 44.691 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059506.D

Acq: 6 Dec 2019 11:22

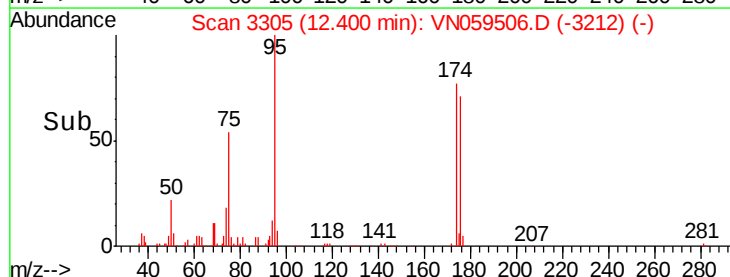
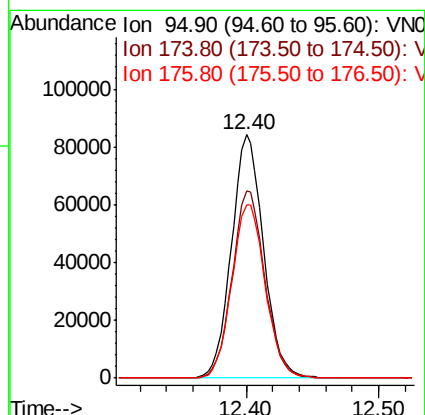
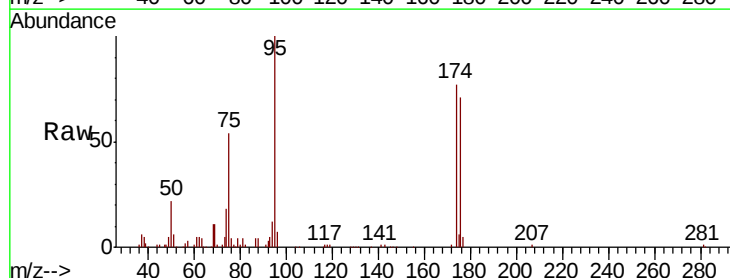
Tgt Ion: 95 Resp: 141422

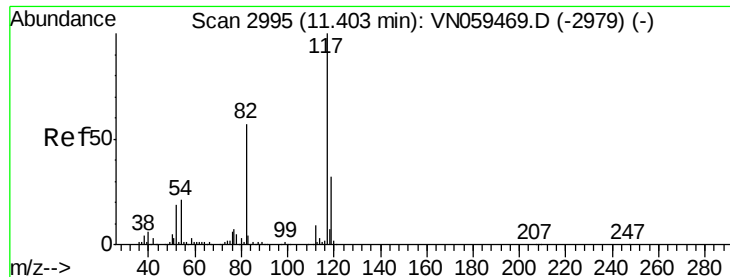
Ion Ratio Lower Upper

95 100

174 78.1 0.0 157.0

176 74.6 0.0 152.4

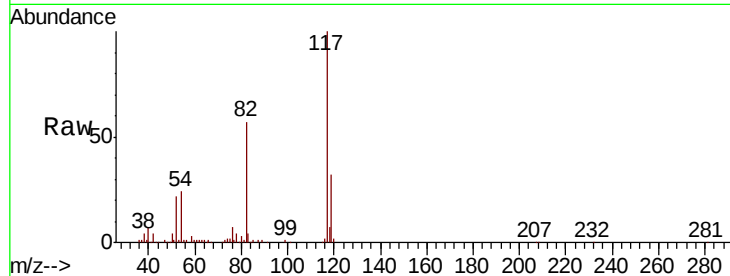




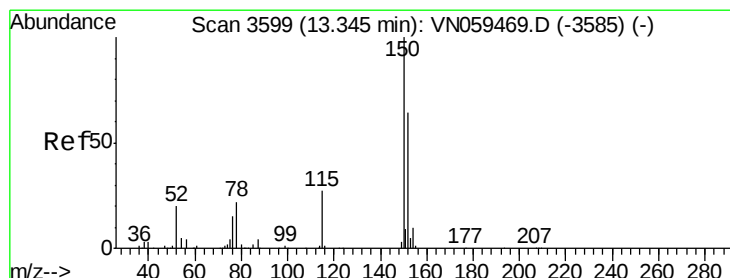
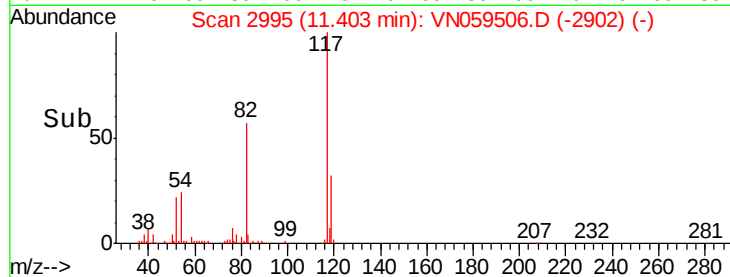
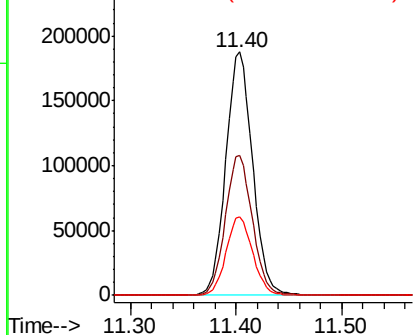
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059506.D
Acq: 6 Dec 2019 11:22

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBL01

Tot Ion:117 Resp: 329152
Ion Ratio Lower Upper
117 100
82 57.4 45.8 68.8
119 32.2 25.4 38.0

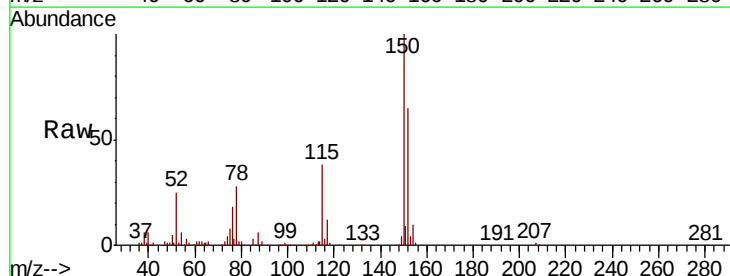


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059506.D
Acq: 6 Dec 2019 11:22

Tgt Ion:152 Resp: 119371
Ion Ratio Lower Upper
152 100
115 60.6 29.2 87.6
150 156.4 0.0 352.8



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

