

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055363.D
 Acq On : 2 May 2019 21:46
 Operator : JC/SP
 Sample : VN0502MBL02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502MBL02

Quant Time: May 03 05:28:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	394740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	673090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	609705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	178283	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	271484	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	
35) Dibromofluoromethane	7.59	113	214806	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	10.09	98	824665	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.40	95	261822	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

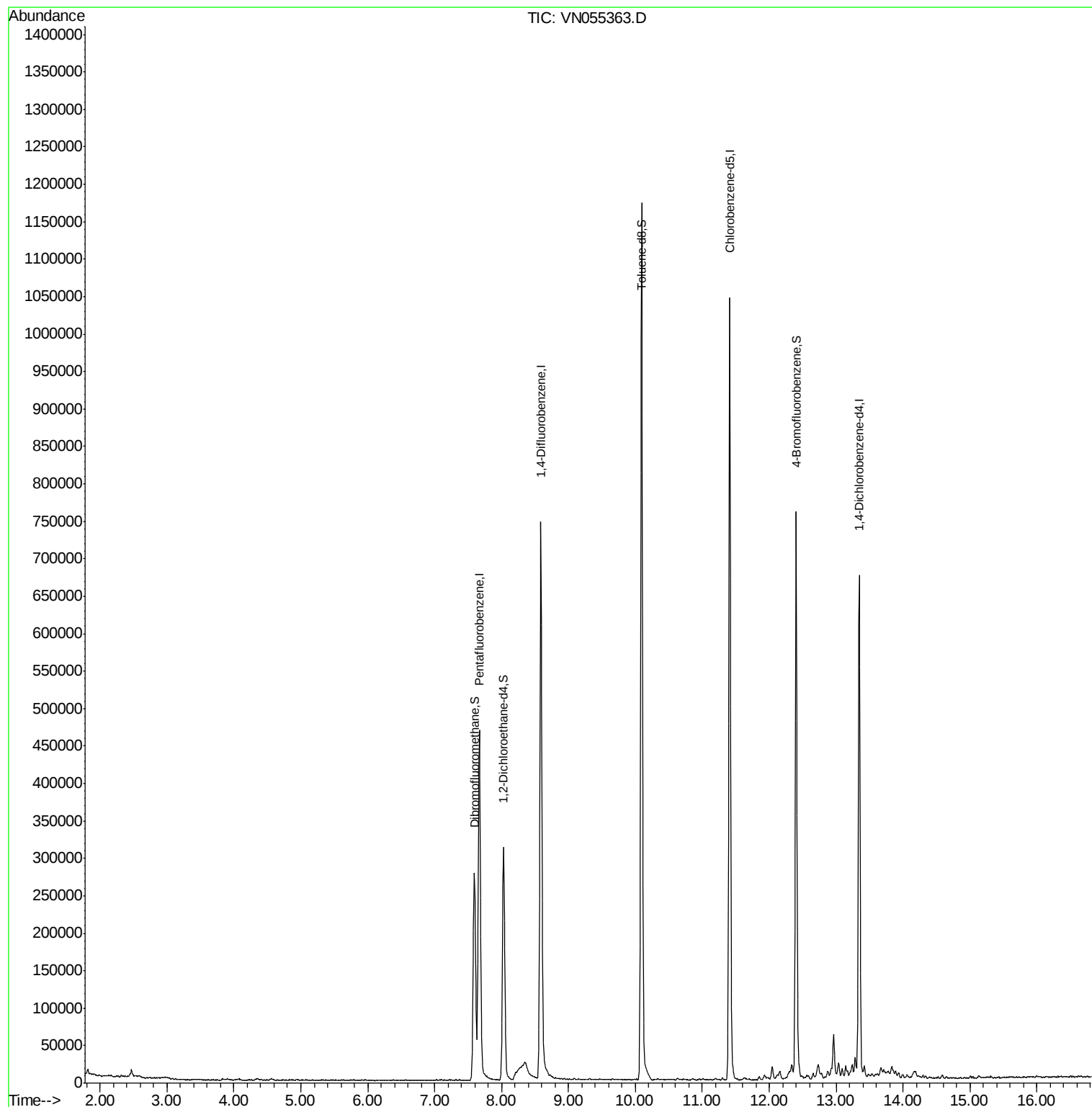
Target Compounds	Qvalue

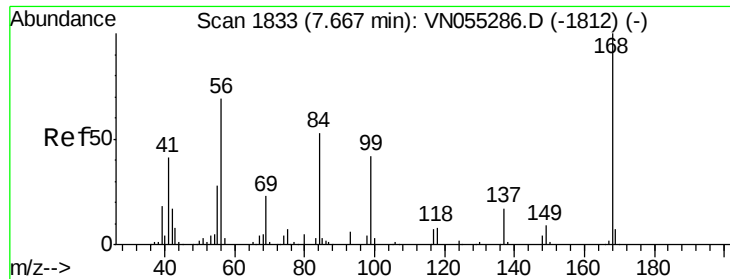
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055363.D

Acq: 2 May 2019 21:46

Instrument :

MSVOA_N

ClientSampleId :

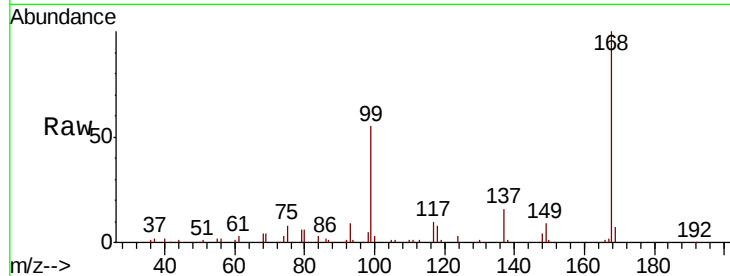
VN0502MBL02

Tgt Ion:168 Resp: 394740

Ion Ratio Lower Upper

168 100

99 55.2 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

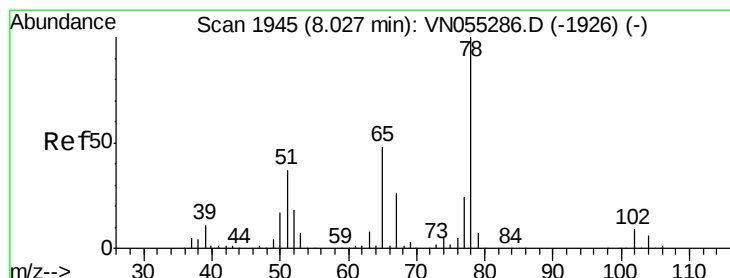
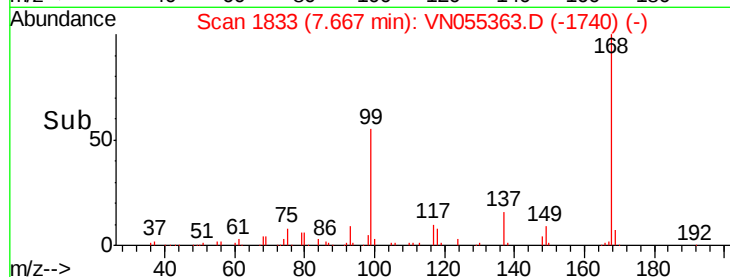
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.571 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055363.D

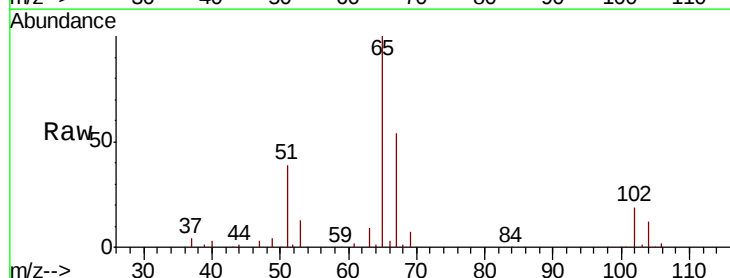
Acq: 2 May 2019 21:46

Tgt Ion: 65 Resp: 271484

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

120000

100000

80000

60000

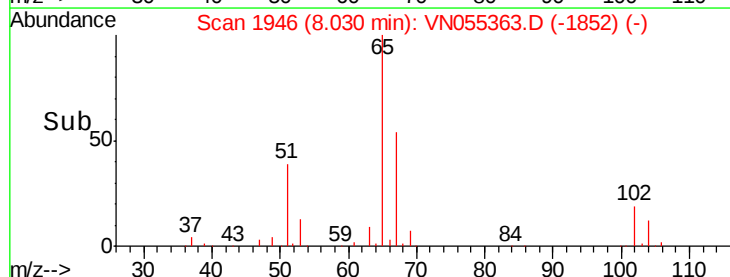
40000

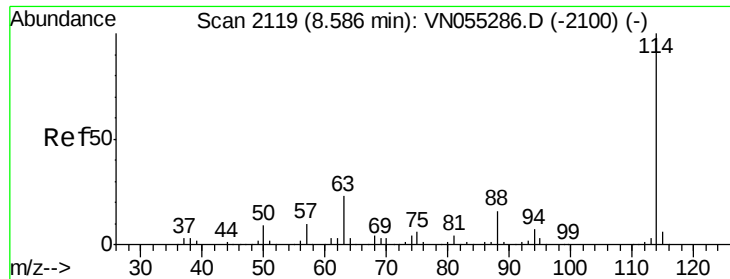
20000

0

7.90 8.00 8.10 8.20

Time-->

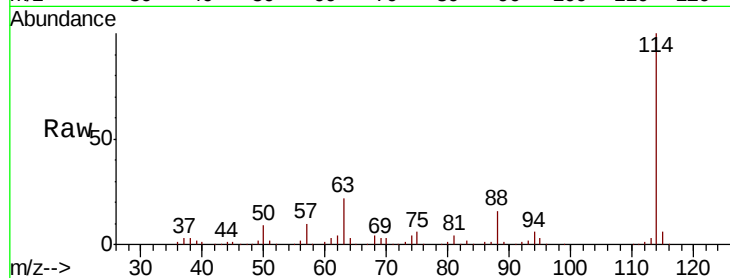




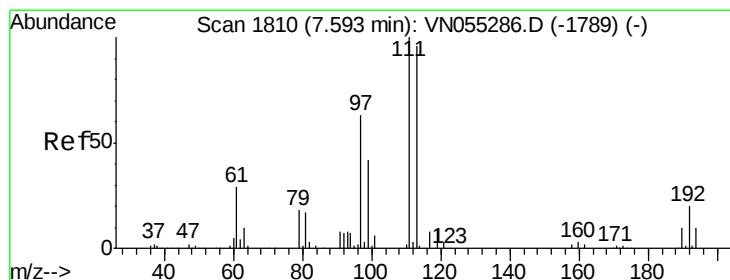
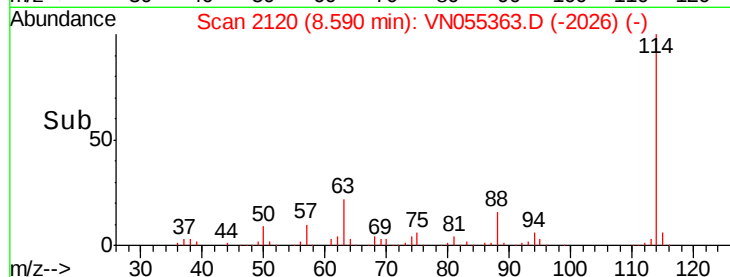
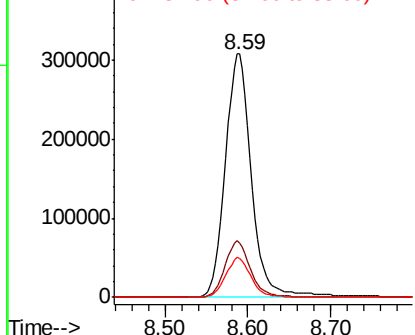
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN055363.D
 Acq: 2 May 2019 21:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502MBL02

Tgt Ion:114 Resp: 673090
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.2
 88 16.0 0.0 31.6

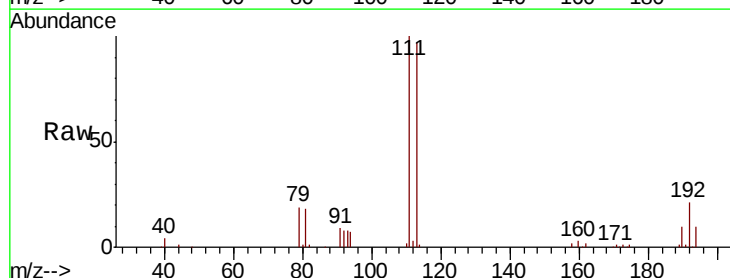


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

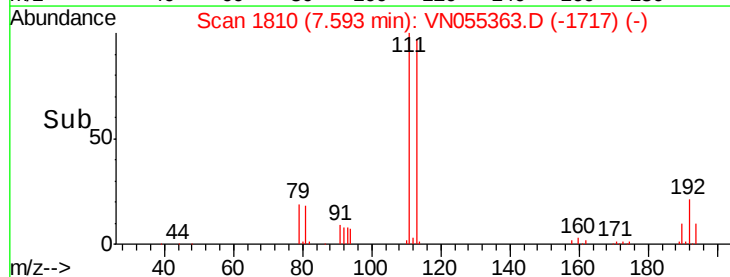
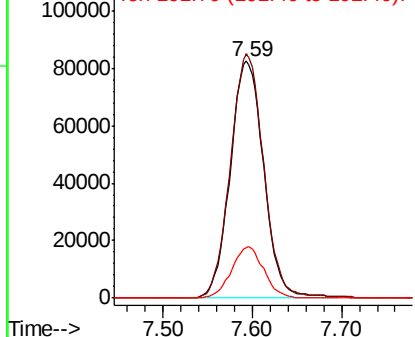


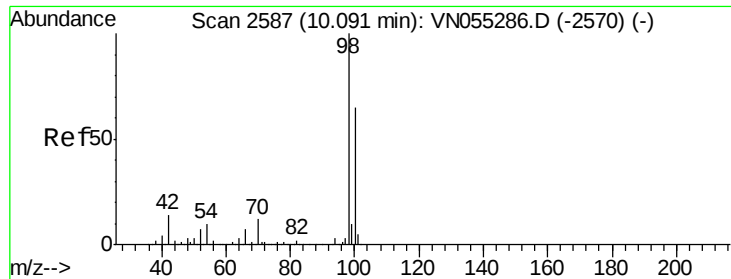
#35
 Dibromofluoromethane
 Concen: 48.621 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055363.D
 Acq: 2 May 2019 21:46

Tgt Ion:113 Resp: 214806
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.3 123.5
 192 20.9 17.0 25.6



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: 51.694 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055363.D

Acq: 2 May 2019 21:46

Instrument :

MSVOA_N

ClientSampleId :

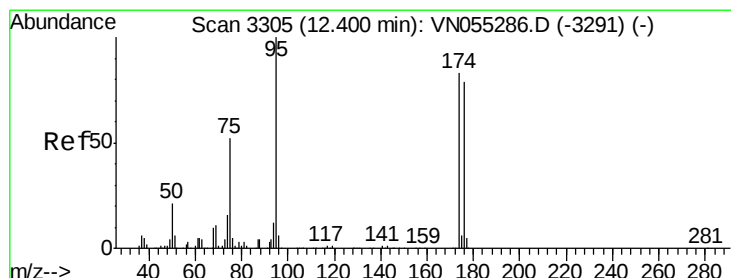
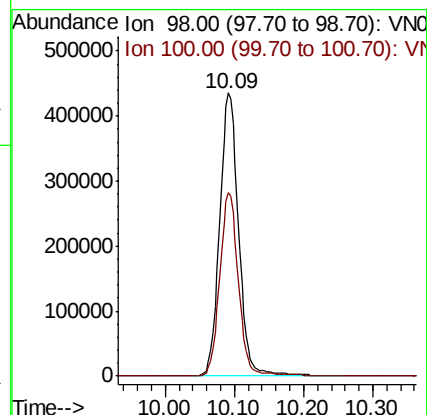
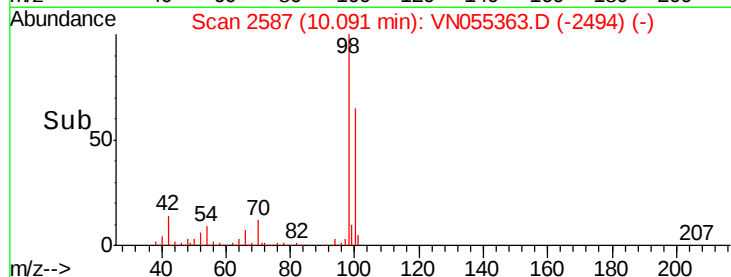
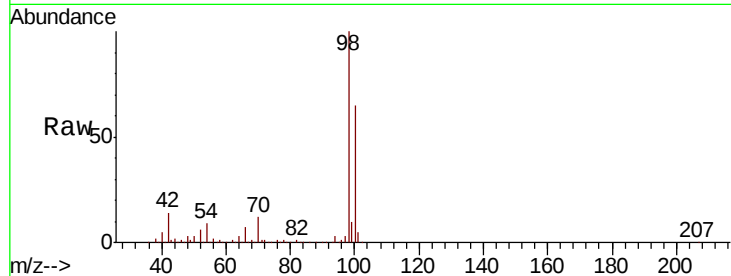
VN0502MBL02

Tgt Ion: 98 Resp: 824665

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 52.514 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055363.D

Acq: 2 May 2019 21:46

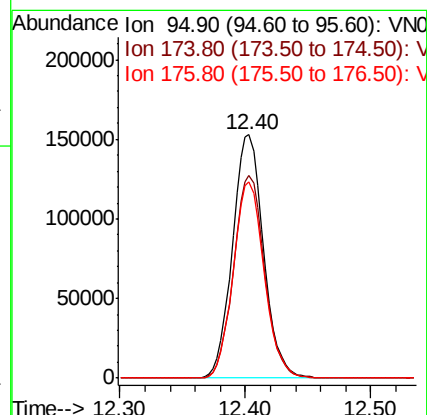
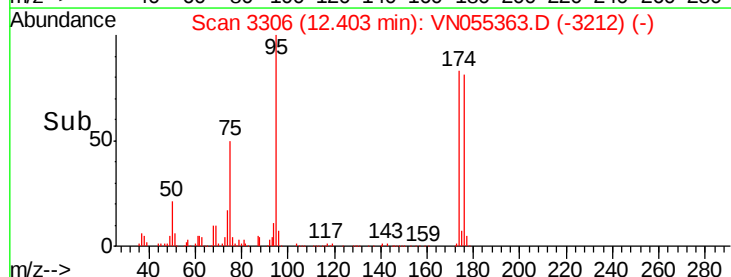
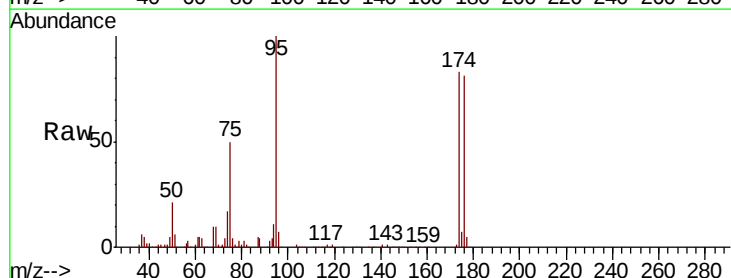
Tgt Ion: 95 Resp: 261822

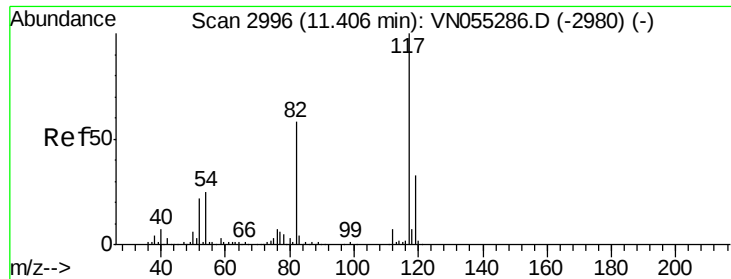
Ion Ratio Lower Upper

95 100

174 83.4 0.0 166.6

176 80.8 0.0 157.8

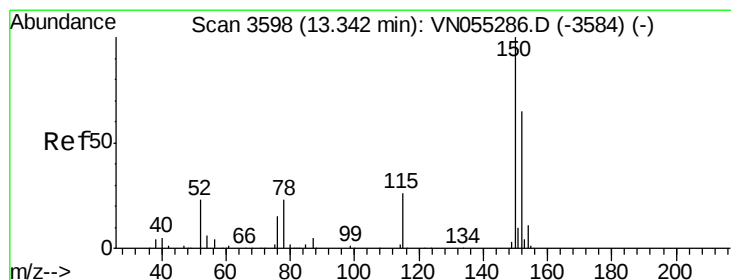
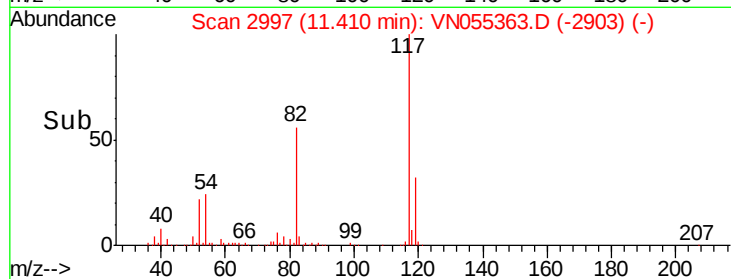
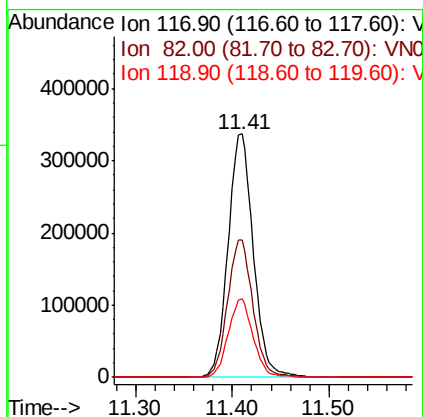
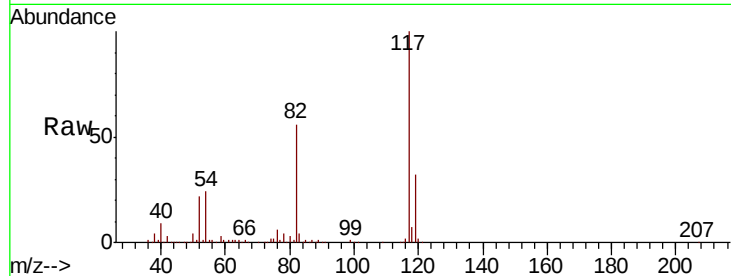




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055363.D
Acq: 2 May 2019 21:46

Instrument :
MSVOA_N
ClientSampleId :
VN0502MBL02

Tgt Ion:117 Resp: 609705
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055363.D
Acq: 2 May 2019 21:46

Tgt Ion:152 Resp: 178283
Ion Ratio Lower Upper
152 100
115 57.7 29.0 87.0
150 156.8 0.0 345.6

