

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032019\
 Data File : VN054483.D
 Acq On : 21 Mar 2019 1:10
 Operator : JC/SP
 Sample : PB118077TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB118077TB

Quant Time: Mar 22 05:49:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	723658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1110981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	928683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	340428	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	426253	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
35) Dibromofluoromethane	7.59	113	341735	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
50) Toluene-d8	10.09	98	1312546	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	12.40	95	408399	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.20%	

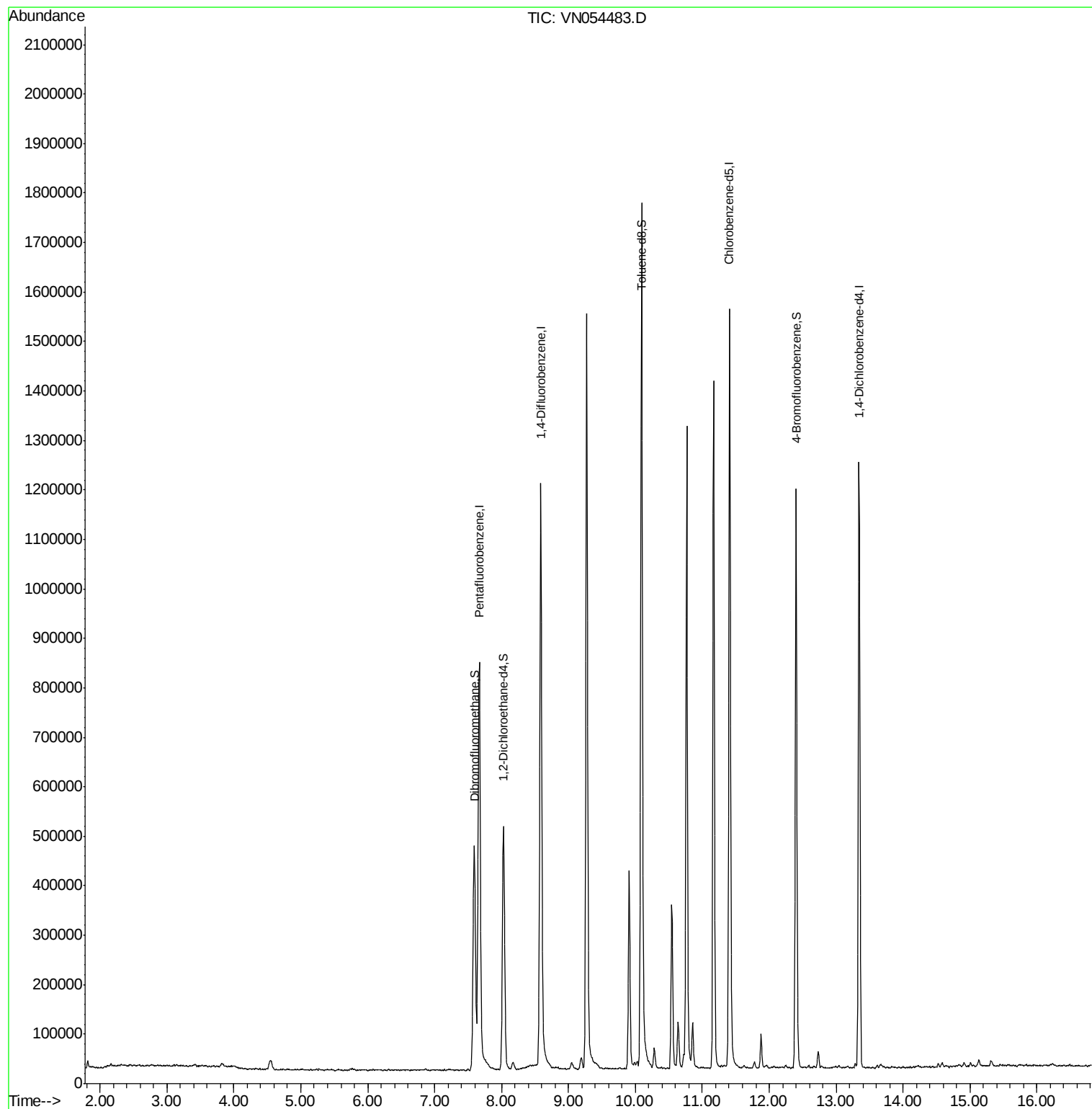
Target Compounds	Qvalue
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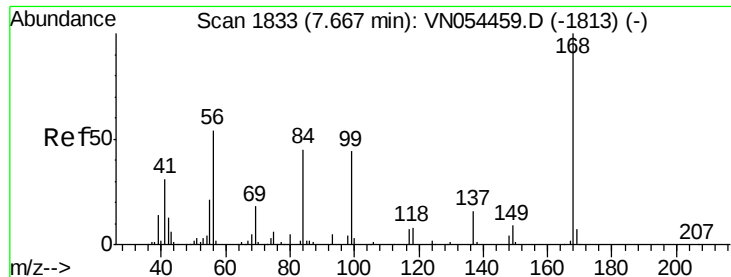
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054483.D

Acq: 21 Mar 2019 1:10

Instrument :

MSVOA_N

ClientSampleId :

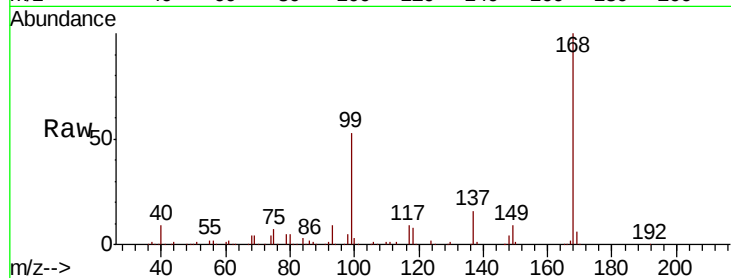
PB118077TB

Tot Ion:168 Resp: 723658

Ion Ratio Lower Upper

168 100

99 53.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

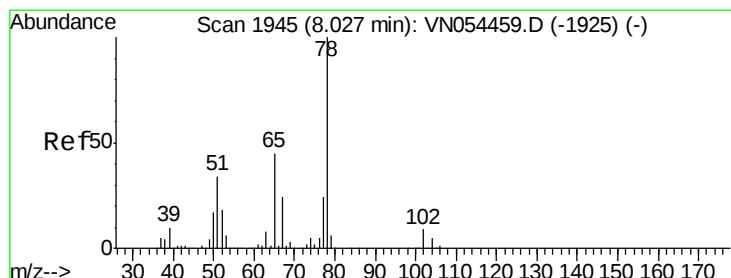
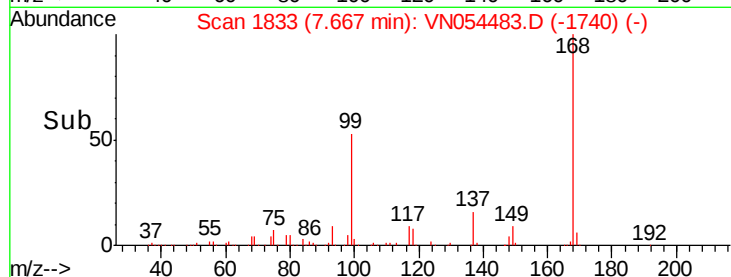
200000

100000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.355 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN054483.D

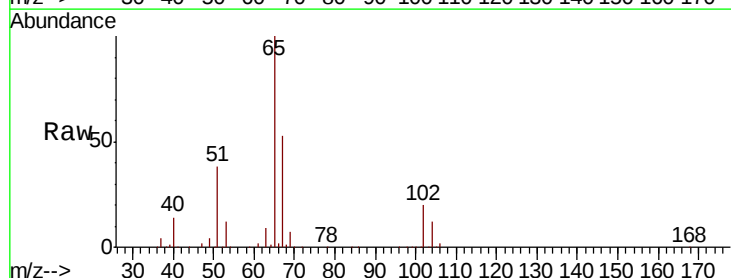
Acq: 21 Mar 2019 1:10

Tgt Ion: 65 Resp: 426253

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

150000

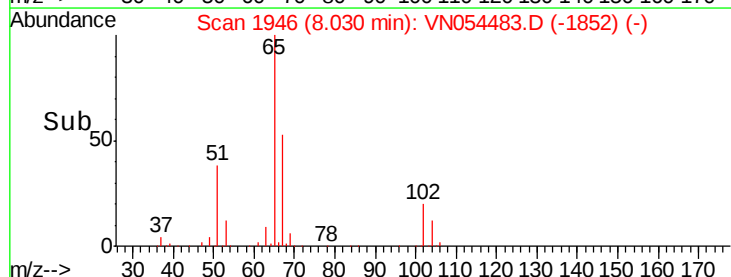
100000

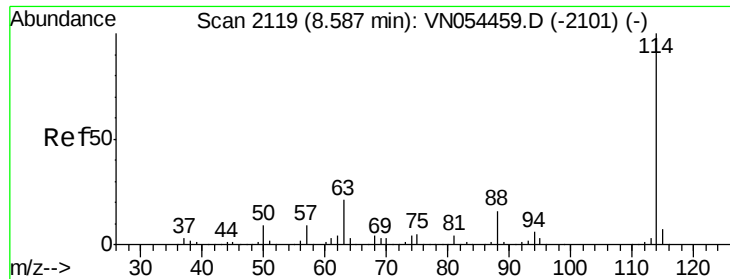
50000

0

8.00 8.10

Time-->

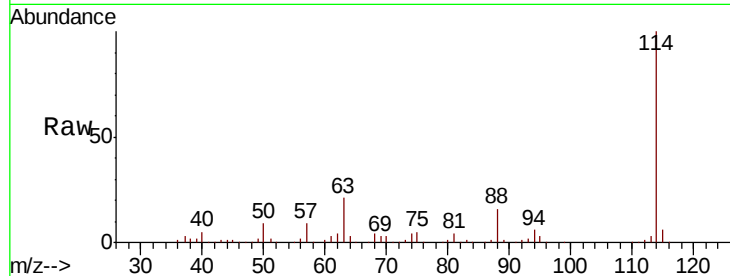




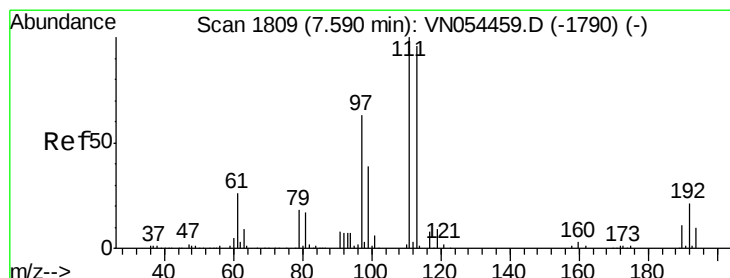
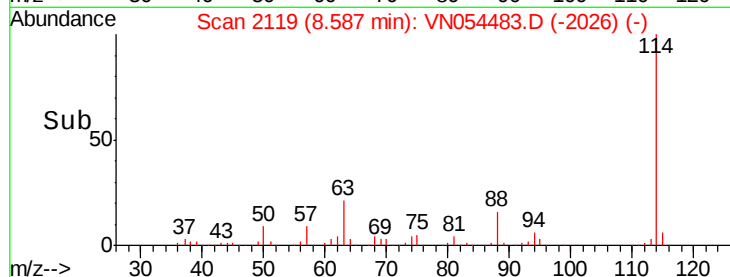
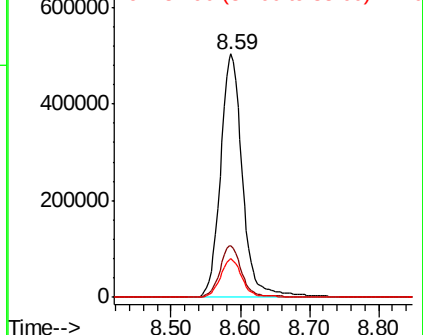
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054483.D
Acq: 21 Mar 2019 1:10

Instrument :
MSVOA_N
ClientSampleId :
PB118077TB

Tot Ion:114 Resp: 1110981
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.2
88 15.7 0.0 30.2

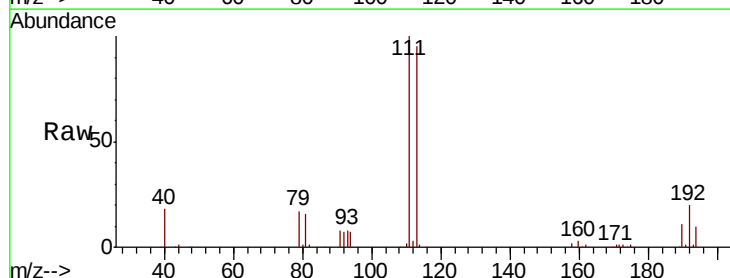


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

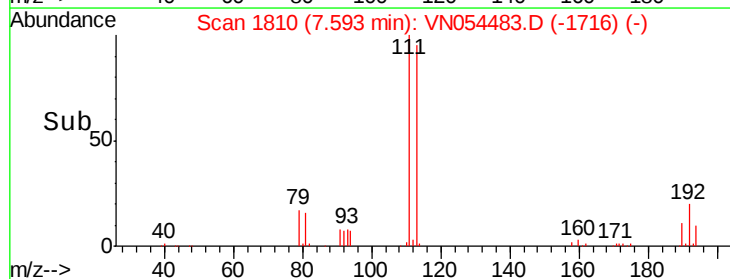
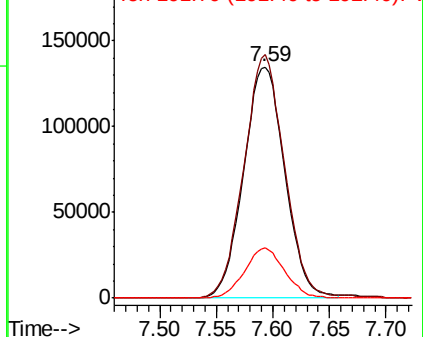


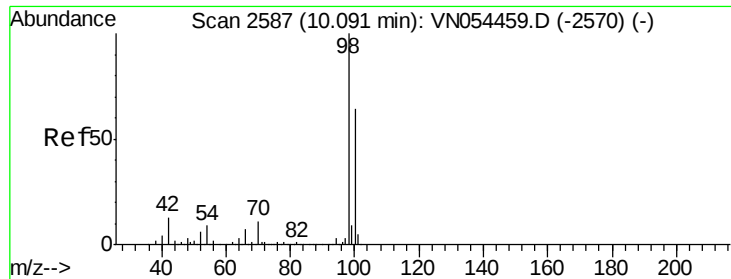
#35
Dibromofluoromethane
Concen: 47.745 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054483.D
Acq: 21 Mar 2019 1:10

Tgt Ion:113 Resp: 341735
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 21.1 19.2 28.8



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: 48.780 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054483.D

Acq: 21 Mar 2019 1:10

Instrument :

MSVOA_N

ClientSampleId :

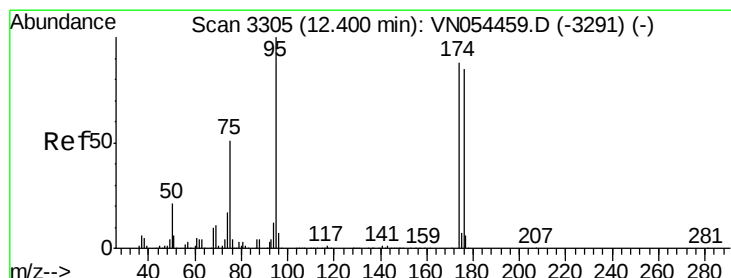
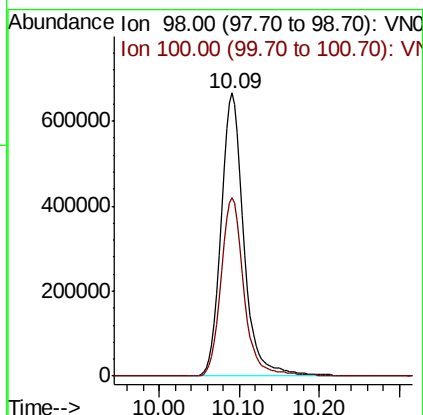
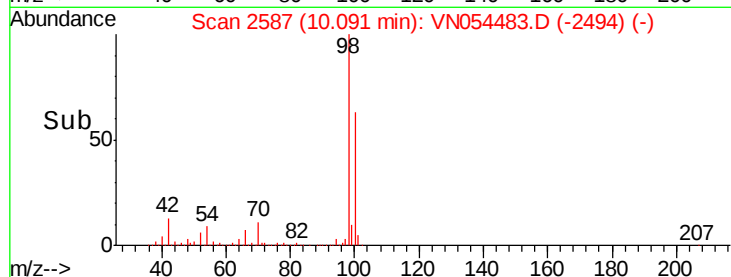
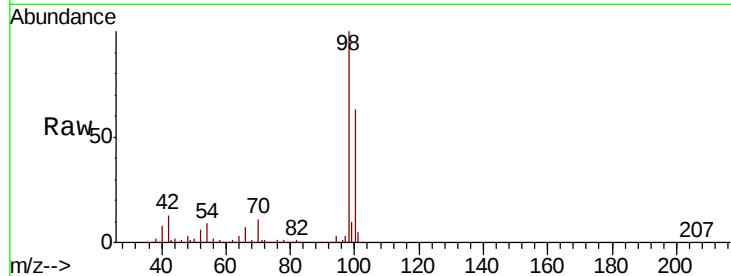
PB118077TB

Tot Ion: 98 Resp: 1312546

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.603 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054483.D

Acq: 21 Mar 2019 1:10

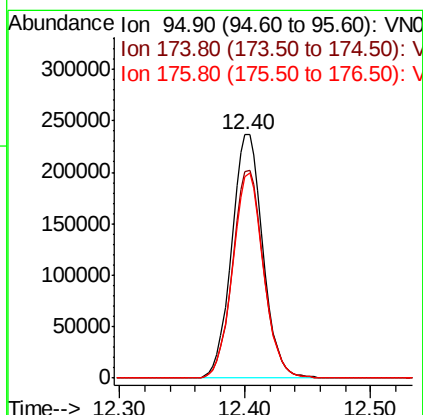
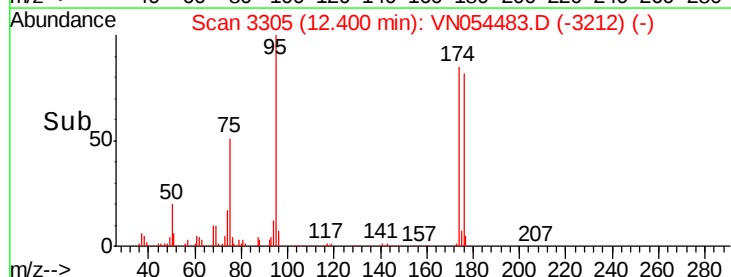
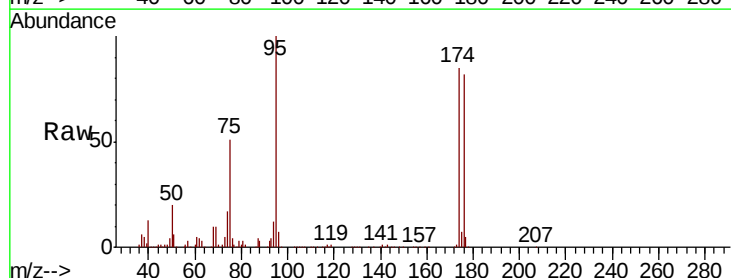
Tgt Ion: 95 Resp: 408399

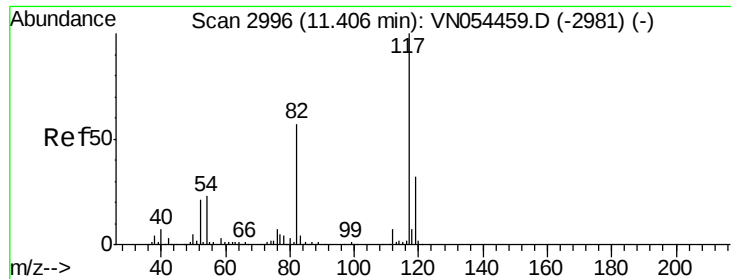
Ion Ratio Lower Upper

95 100

174 85.0 0.0 191.0

176 83.2 0.0 187.4

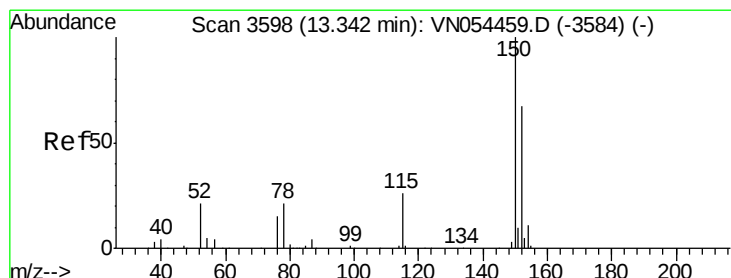
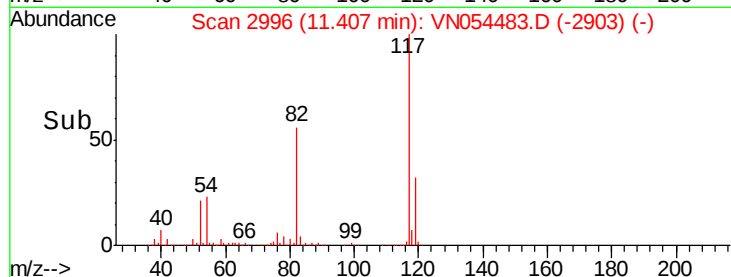
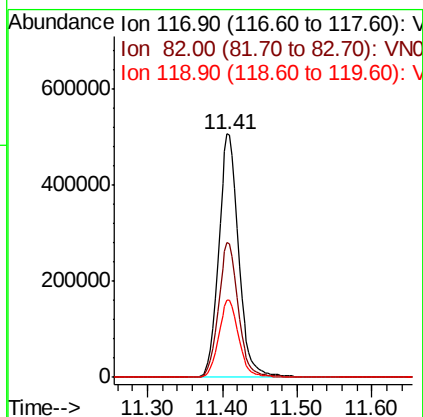
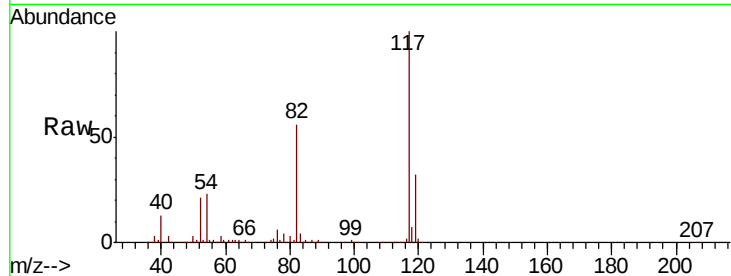




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054483.D
Acq: 21 Mar 2019 1:10

Instrument :
MSVOA_N
ClientSampleId :
PB118077TB

Tot Ion:117 Resp: 928683
Ion Ratio Lower Upper
117 100
82 55.6 40.0 60.0
119 31.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054483.D
Acq: 21 Mar 2019 1:10

Tgt Ion:152 Resp: 340428
Ion Ratio Lower Upper
152 100
115 57.6 27.2 81.6
150 157.3 0.0 349.2

