

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062619\
 Data File : VN056508.D
 Acq On : 26 Jun 2019 15:58
 Operator : JC/SP
 Sample : K3543-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB1-20190625

Quant Time: Jun 27 08:45:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	359276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	608761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	604413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	168999	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	205637	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	7.59	113	179093	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
50) Toluene-d8	10.09	98	752948	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.40	95	238829	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

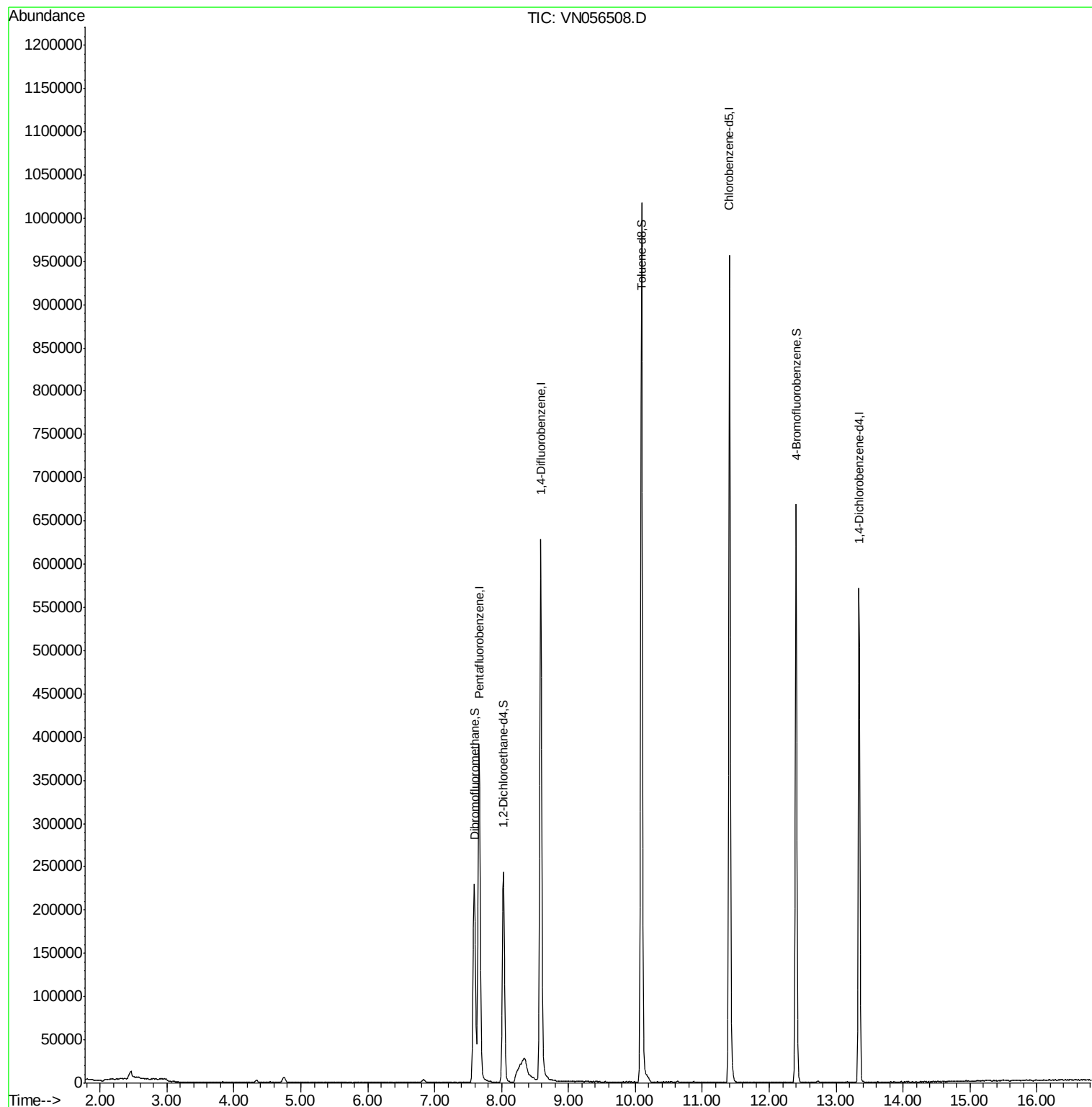
Target Compounds	Qvalue

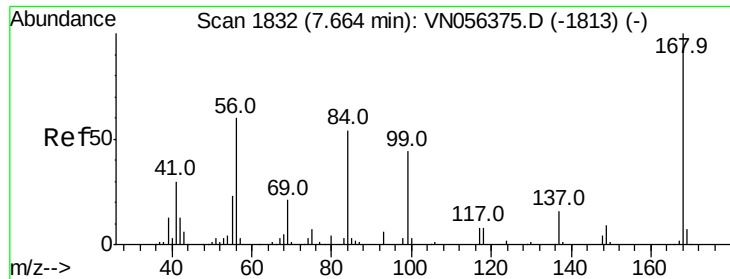
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056508.D

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Instrument :

MSVOA_N

ClientSampleId :

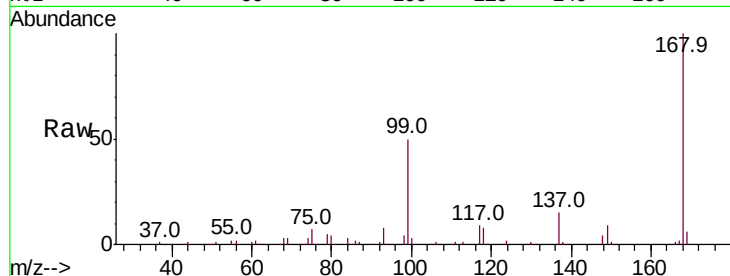
BP-TB1-20190625

Tot Ion:168 Resp: 359276

Ion Ratio Lower Upper

168 100

99 50.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056375.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN056375.D (-1813) (-)

7.67

150000

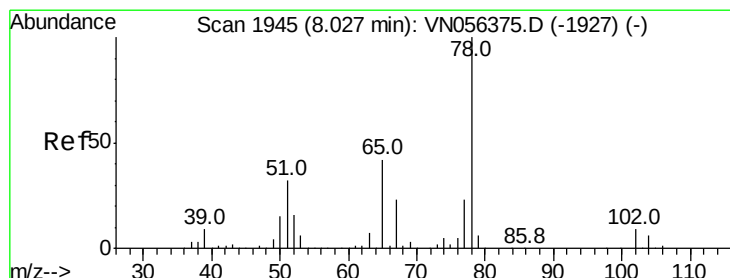
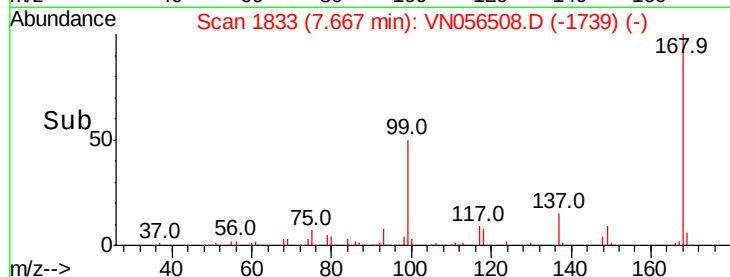
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.643 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056508.D

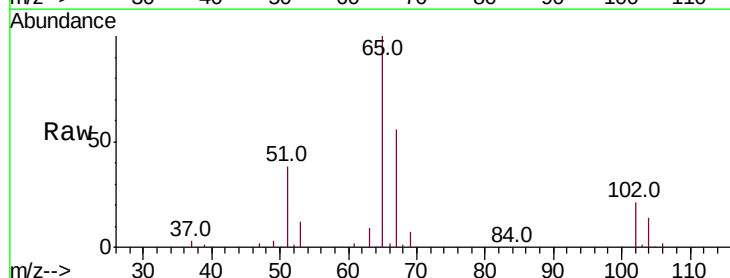
Acq: 26 Jun 2019 15:58

Tgt Ion: 65 Resp: 205637

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056375.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN056375.D (-1927) (-)

8.03

100000

80000

60000

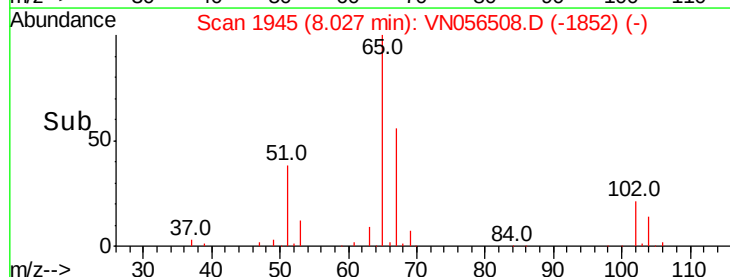
40000

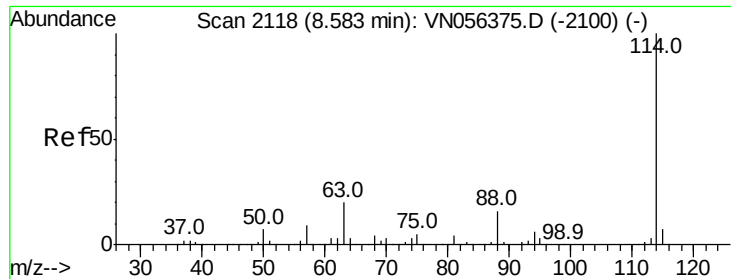
20000

0

7.90 8.00 8.10 8.20

Time-->

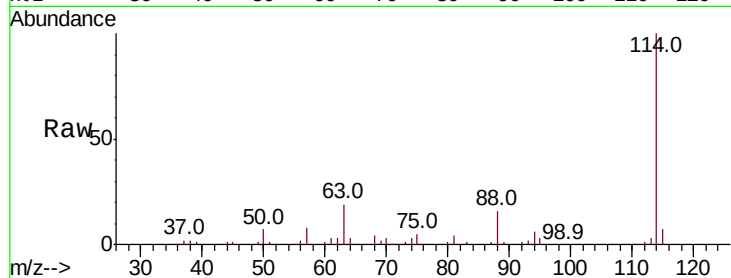




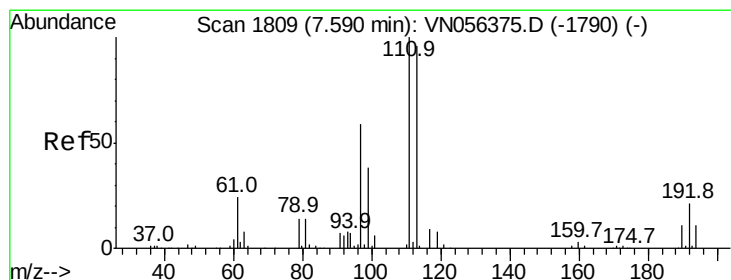
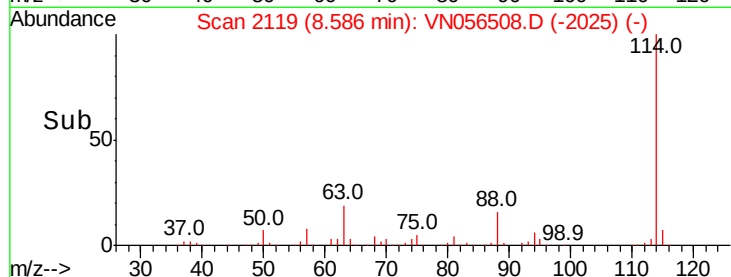
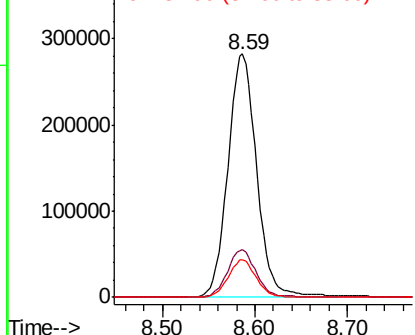
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056508.D
 Acq: 26 Jun 2019 15:58

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TB1-20190625

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.2
88	15.6	0.0	31.4

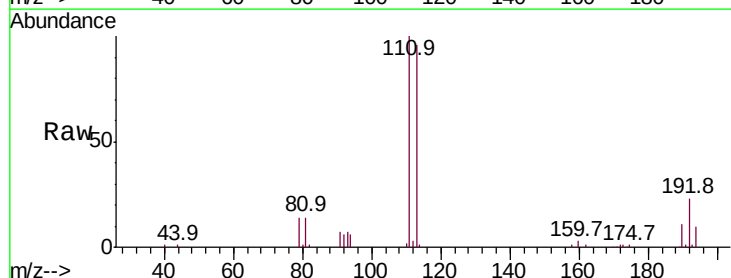


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

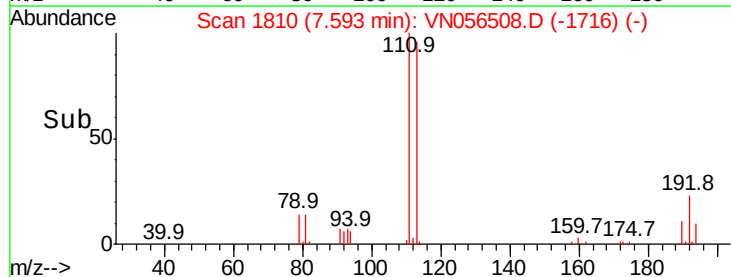
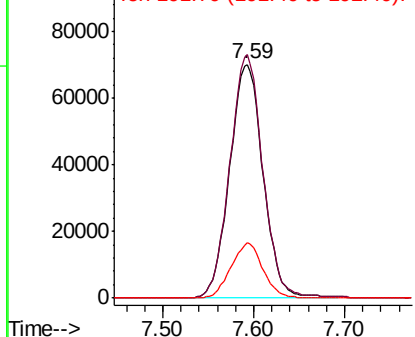


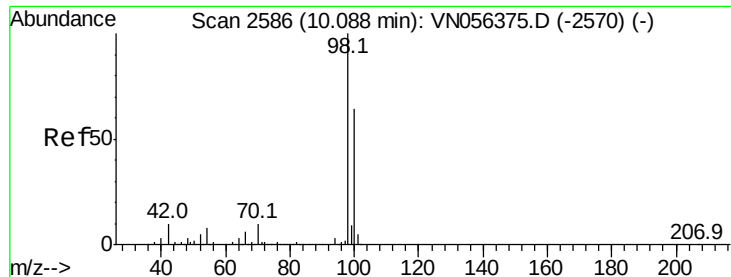
#35
 Dibromofluoromethane
 Concen: 47.159 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056508.D
 Acq: 26 Jun 2019 15:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	22.6	17.7	26.5



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: 50.954 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056508.D

Acq: 26 Jun 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

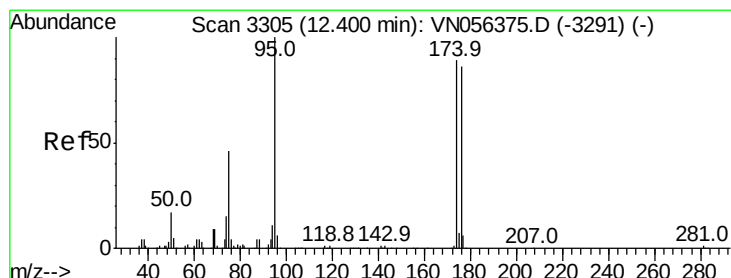
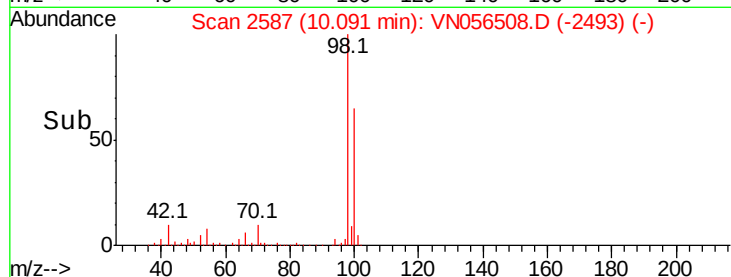
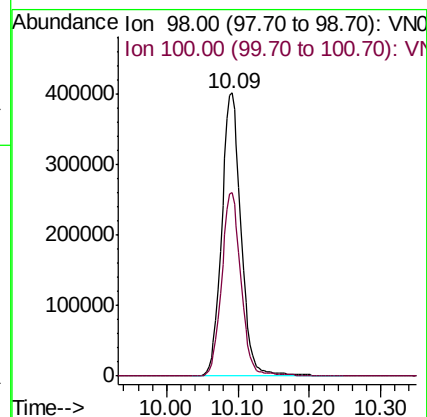
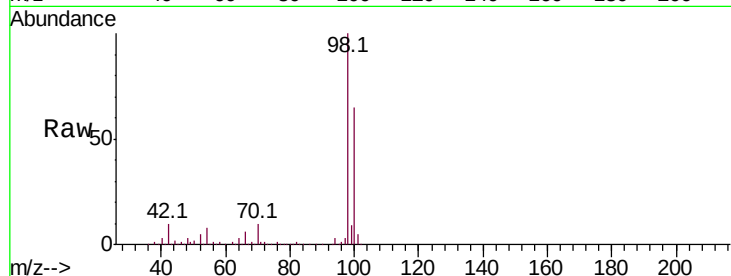
BP-TB1-20190625

Tot Ion: 98 Resp: 752948

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.483 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056508.D

Acq: 26 Jun 2019 15:58

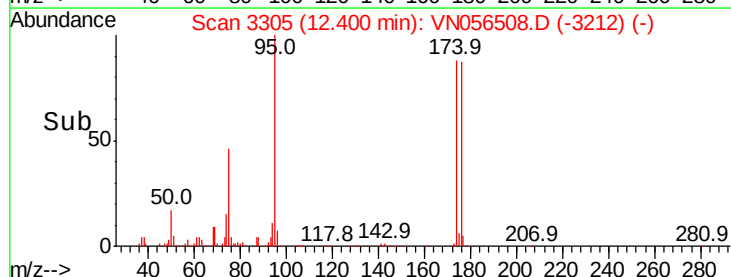
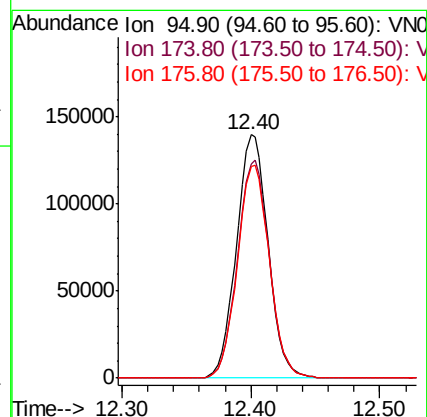
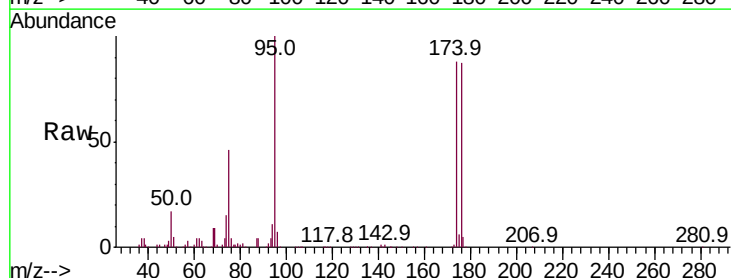
Tgt Ion: 95 Resp: 238829

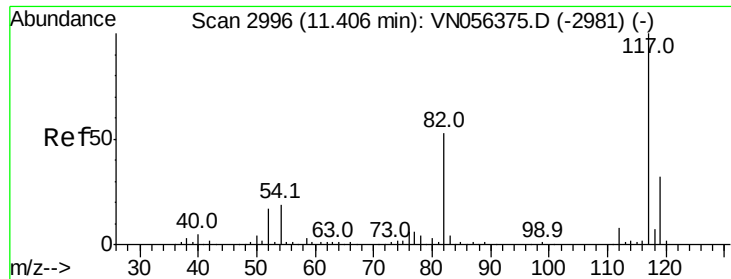
Ion Ratio Lower Upper

95 100

174 89.8 0.0 179.4

176 88.2 0.0 173.4

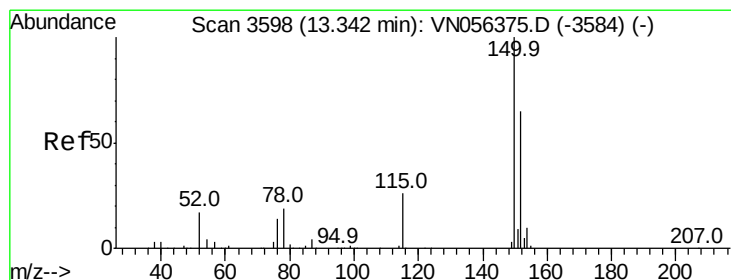
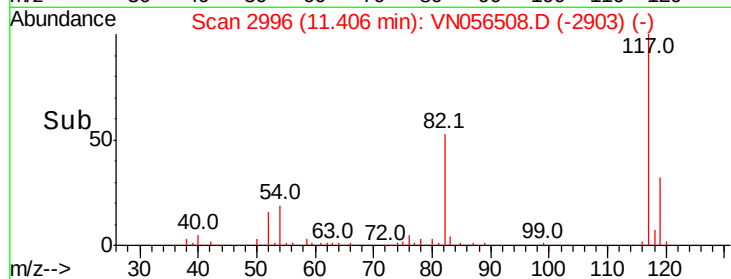
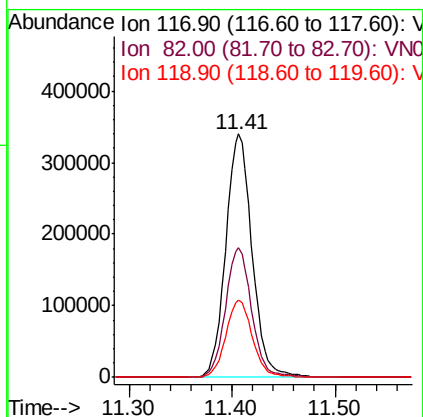
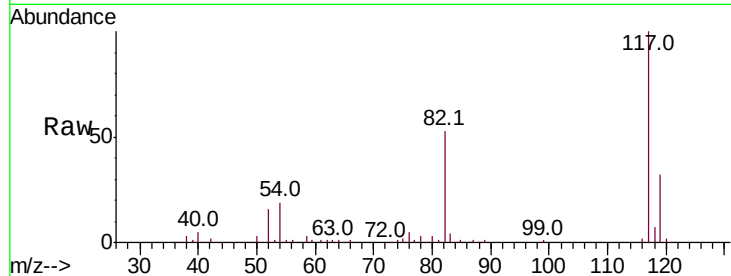




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056508.D
Acq: 26 Jun 2019 15:58

Instrument :
MSVOA_N
ClientSampleId :
BP-TB1-20190625

Tot Ion:117 Resp: 604413
Ion Ratio Lower Upper
117 100
82 53.0 42.0 63.0
119 31.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056508.D
Acq: 26 Jun 2019 15:58

Tgt Ion:152 Resp: 168999
Ion Ratio Lower Upper
152 100
115 55.6 28.1 84.4
150 156.8 0.0 348.4

