

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033119\
 Data File : VN054860.D
 Acq On : 31 Mar 2019 19:31
 Operator : JC/SP
 Sample : K2180-28
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Apr 01 04:26:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

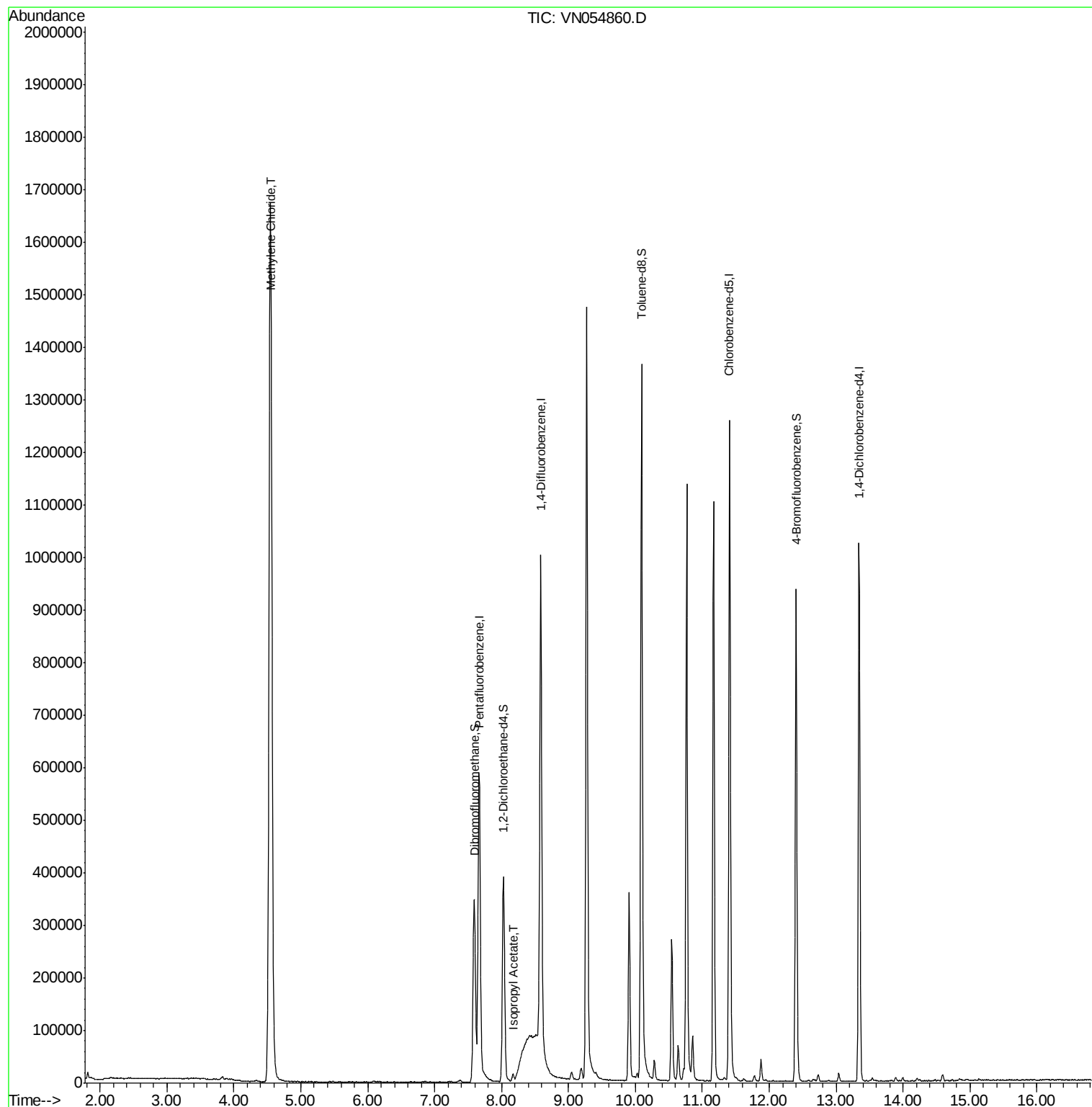
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	494750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	850331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	738783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	276730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	337503	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
35) Dibromofluoromethane	7.59	113	266540	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	10.09	98	1014639	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	12.40	95	325809	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
Target Compounds						
20) Methylene Chloride	4.55	84	1182543	210.791	ug/l #	84
43) Isopropyl Acetate	8.17	43	16517	1.749	ug/l #	95

(#) = 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: VN054860.D

Acq: 31 Mar 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

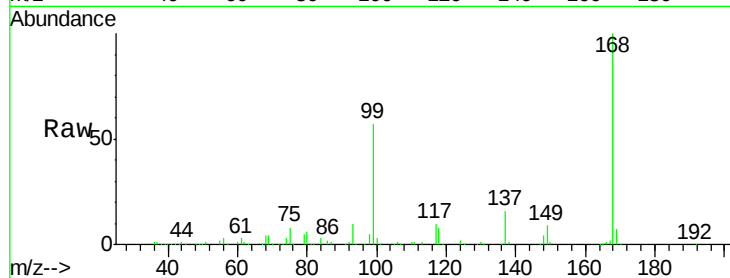
TP-1

Tgt Ion:168 Resp: 494750

Ion Ratio Lower Upper

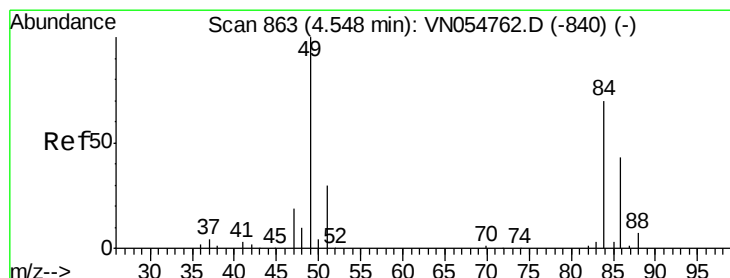
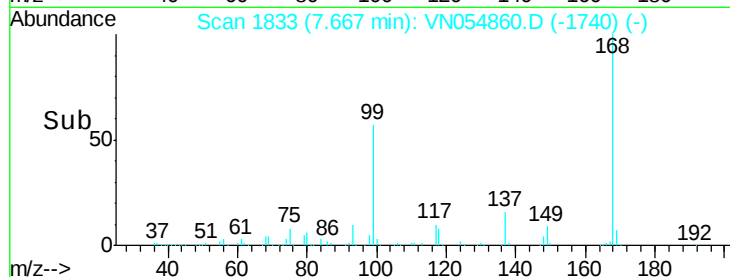
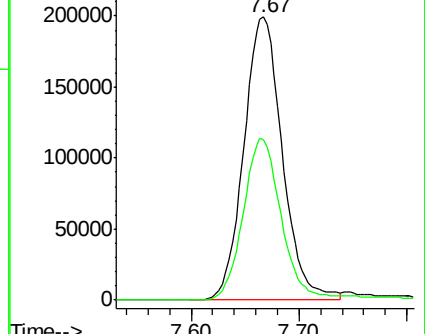
168 100

99 56.8 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 210.791 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

Tgt Ion: 84 Resp: 1182543

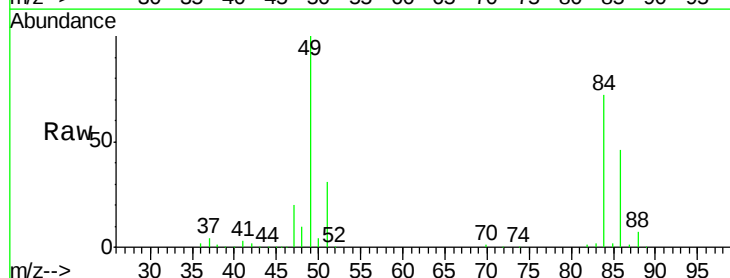
Ion Ratio Lower Upper

84 100

49 139.8 89.7 134.5#

51 42.8 28.2 42.4#

86 64.9 50.8 76.2

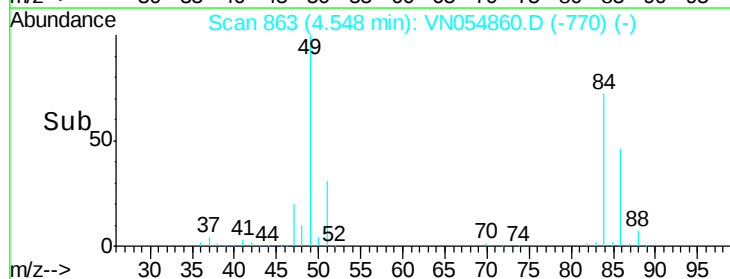
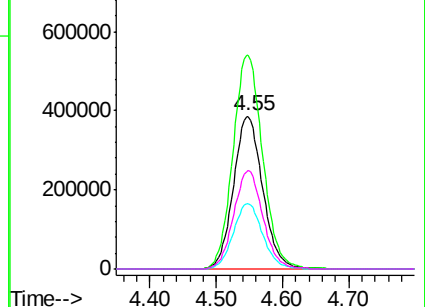


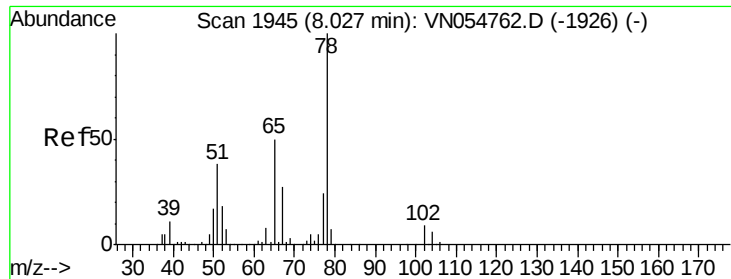
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 50.605 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

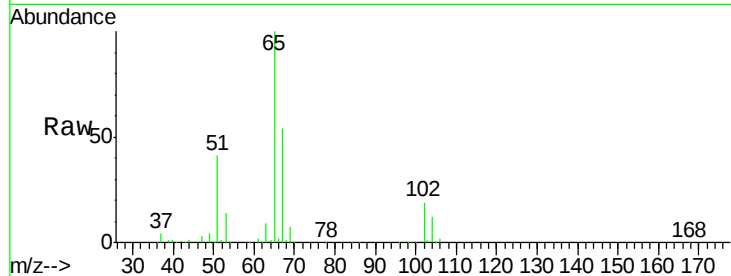
TP-1

Tgt Ion: 65 Resp: 337503

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054860.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054860.D (-1852) (-)

8.03

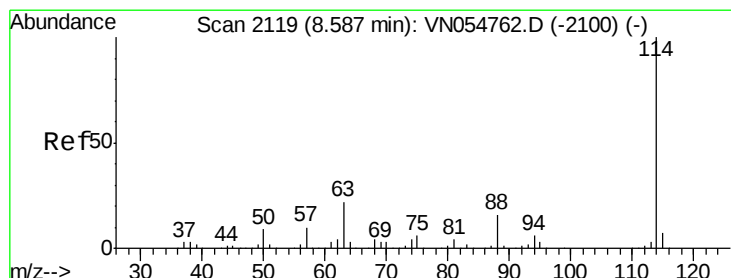
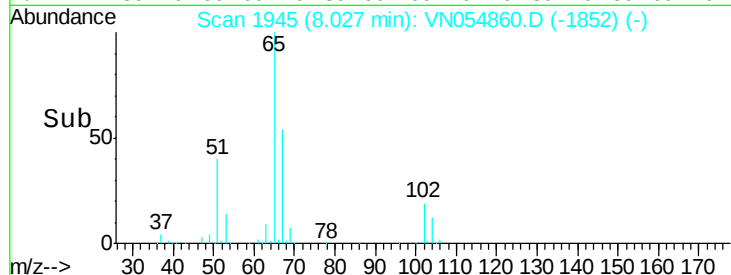
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

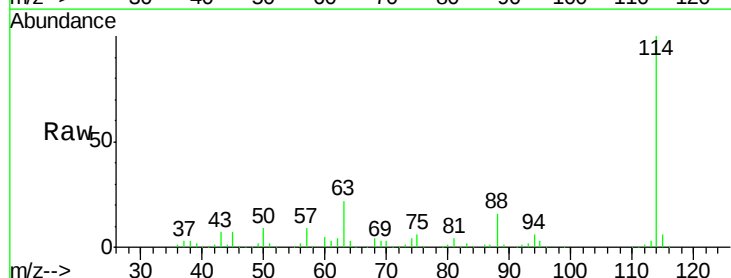
Tgt Ion: 114 Resp: 850331

Ion Ratio Lower Upper

114 100

63 22.0 0.0 35.2

88 15.5 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN054860.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN054860.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN054860.D (-2026) (-)

8.59

500000

400000

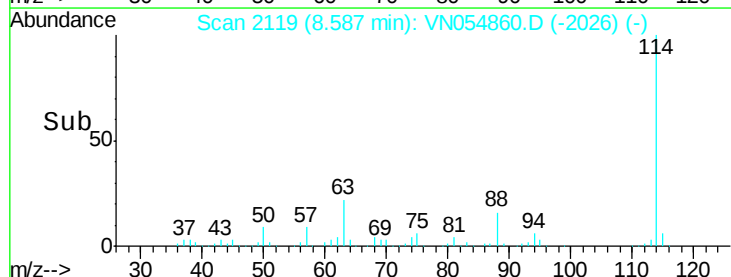
300000

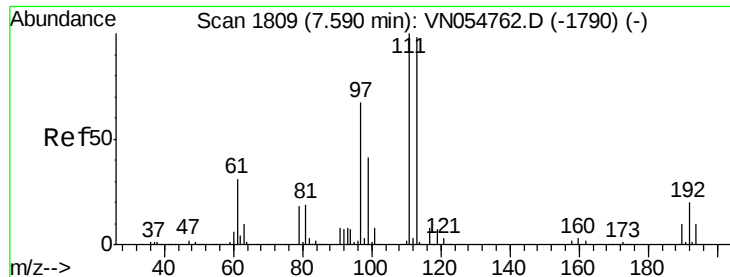
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.016 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

Instrument :
MSVOA_N
ClientSampled :
TP-1

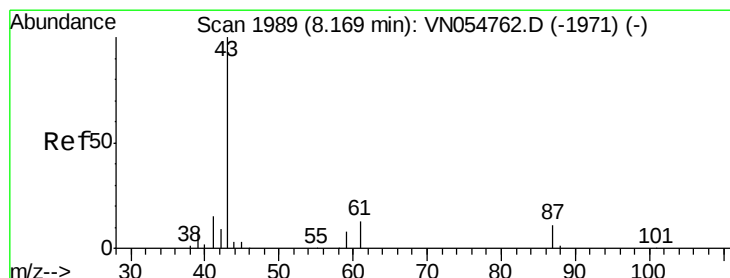
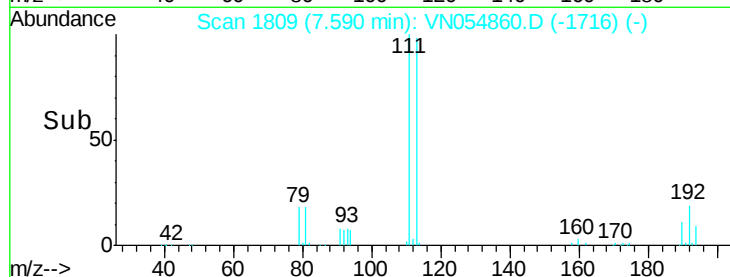
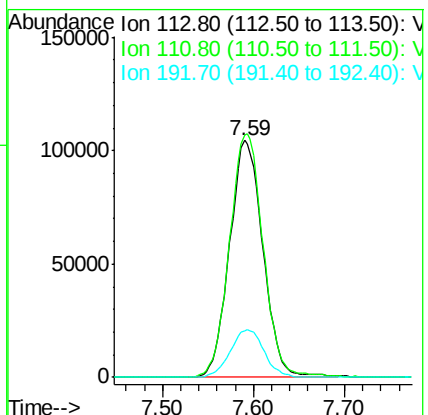
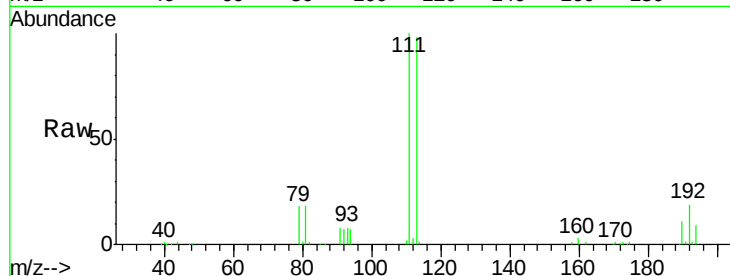
Tgt Ion:113 Resp: 266540

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 20.4 19.2 28.8



#43

Isopropyl Acetate

Concen: 1.749 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

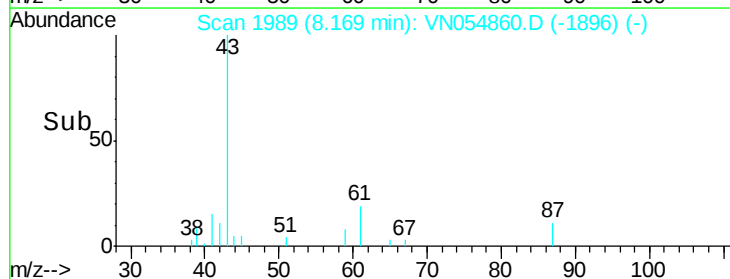
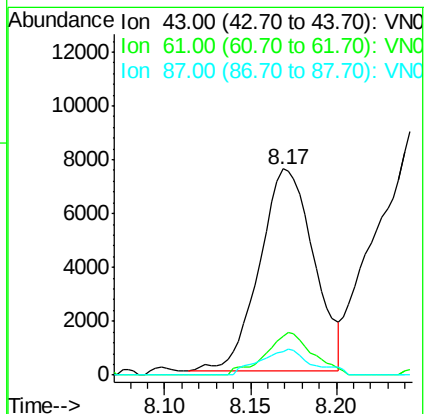
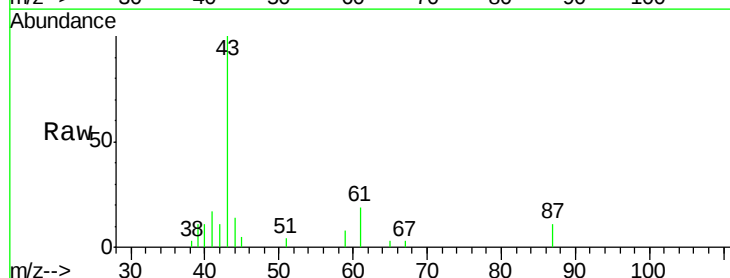
Tgt Ion: 43 Resp: 16517

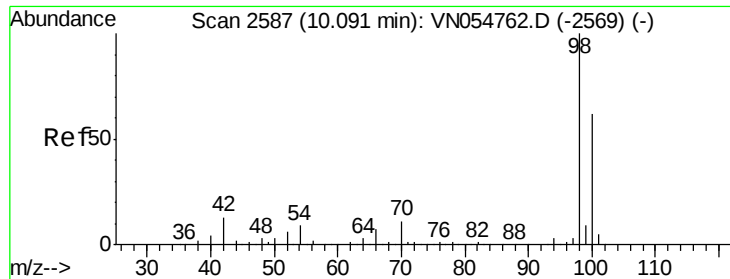
Ion Ratio Lower Upper

43 100

61 18.1 15.8 23.8

87 11.9 12.0 18.0#





#50

Toluene-d8

Concen: 48.141 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

Instrument :

MSVOA_N

ClientSampleId :

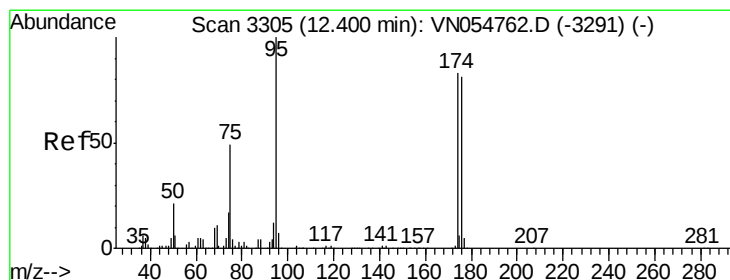
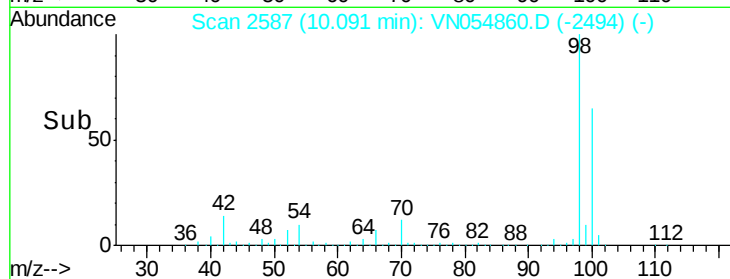
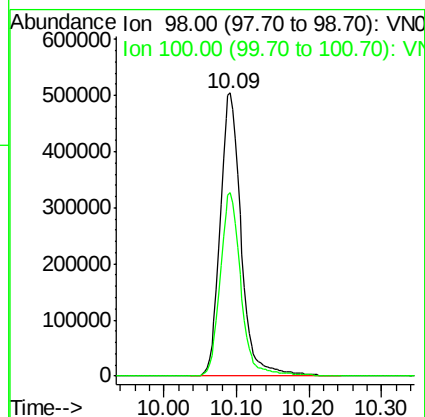
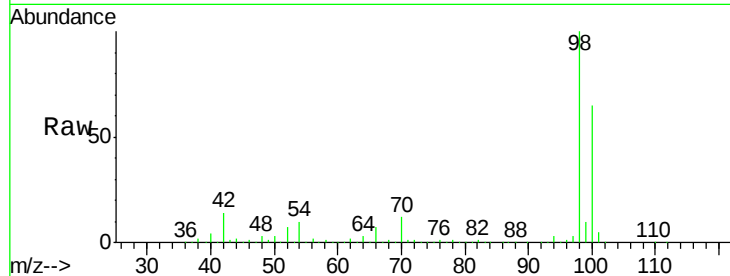
TP-1

Tgt Ion: 98 Resp: 1014639

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.481 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054860.D

Acq: 31 Mar 2019 19:31

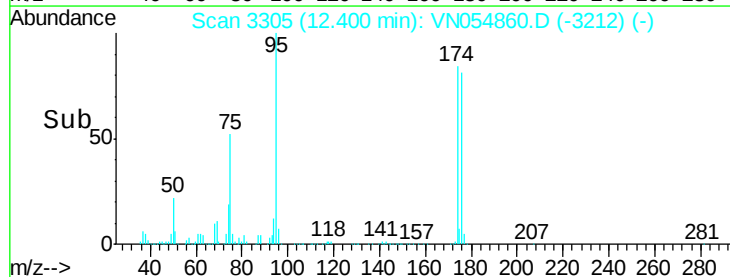
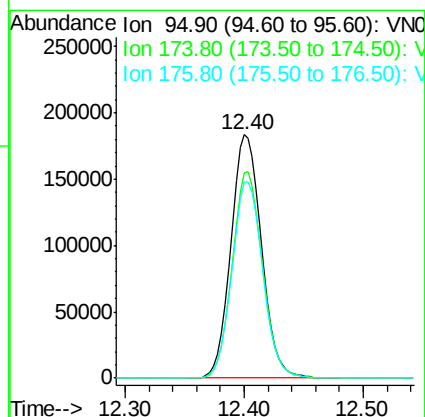
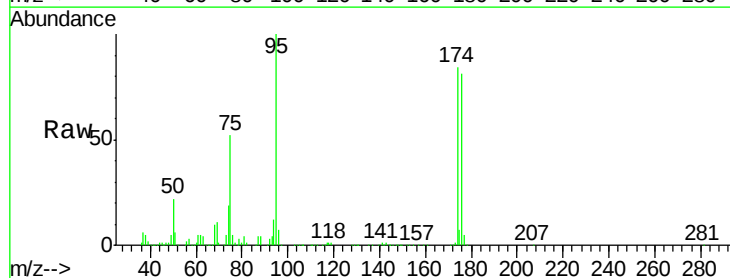
Tgt Ion: 95 Resp: 325809

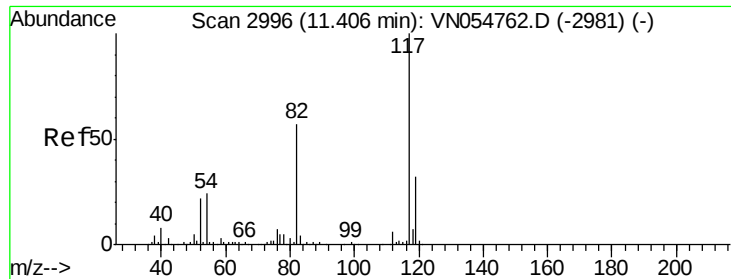
Ion Ratio Lower Upper

95 100

174 84.3 0.0 191.0

176 81.5 0.0 187.4

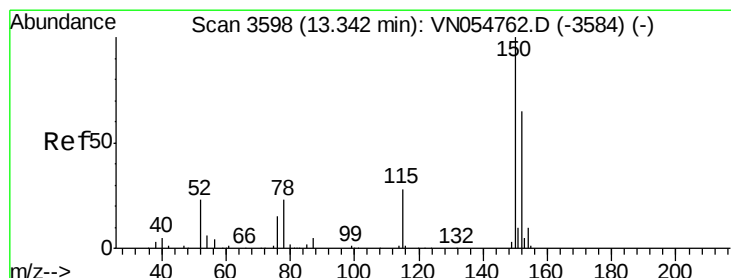
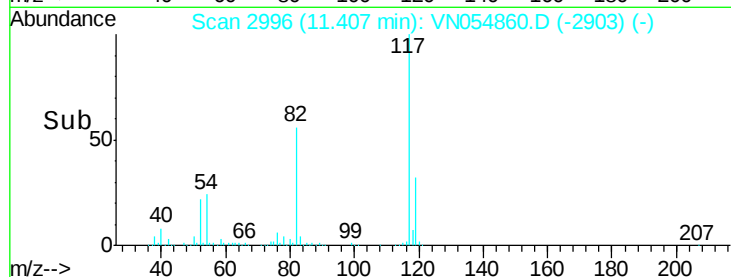
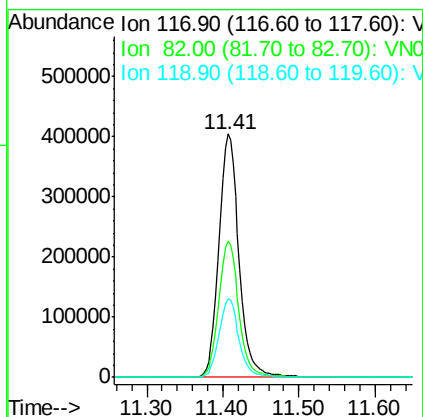
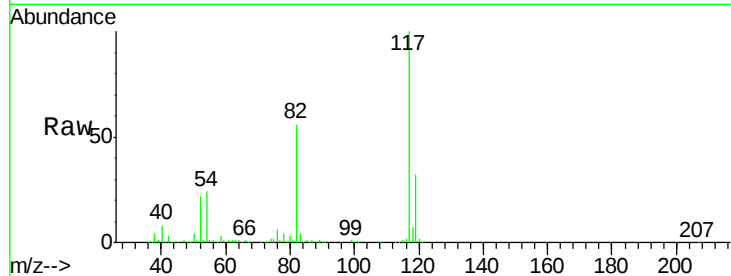




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054860.D
Acq: 31 Mar 2019 19:31

Instrument :
MSVOA_N
ClientSampled :
TP-1

Tgt Ion:117 Resp: 738783
Ion Ratio Lower Upper
117 100
82 56.1 40.0 60.0
119 32.4 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: VN054860.D
Acq: 31 Mar 2019 19:31

Tgt Ion:152 Resp: 276730
Ion Ratio Lower Upper
152 100
115 58.1 27.2 81.6
150 157.1 0.0 349.2

