

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033119\
 Data File : VN054861.D
 Acq On : 31 Mar 2019 19:57
 Operator : JC/SP
 Sample : K2180-32
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Apr 01 04:28:22 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

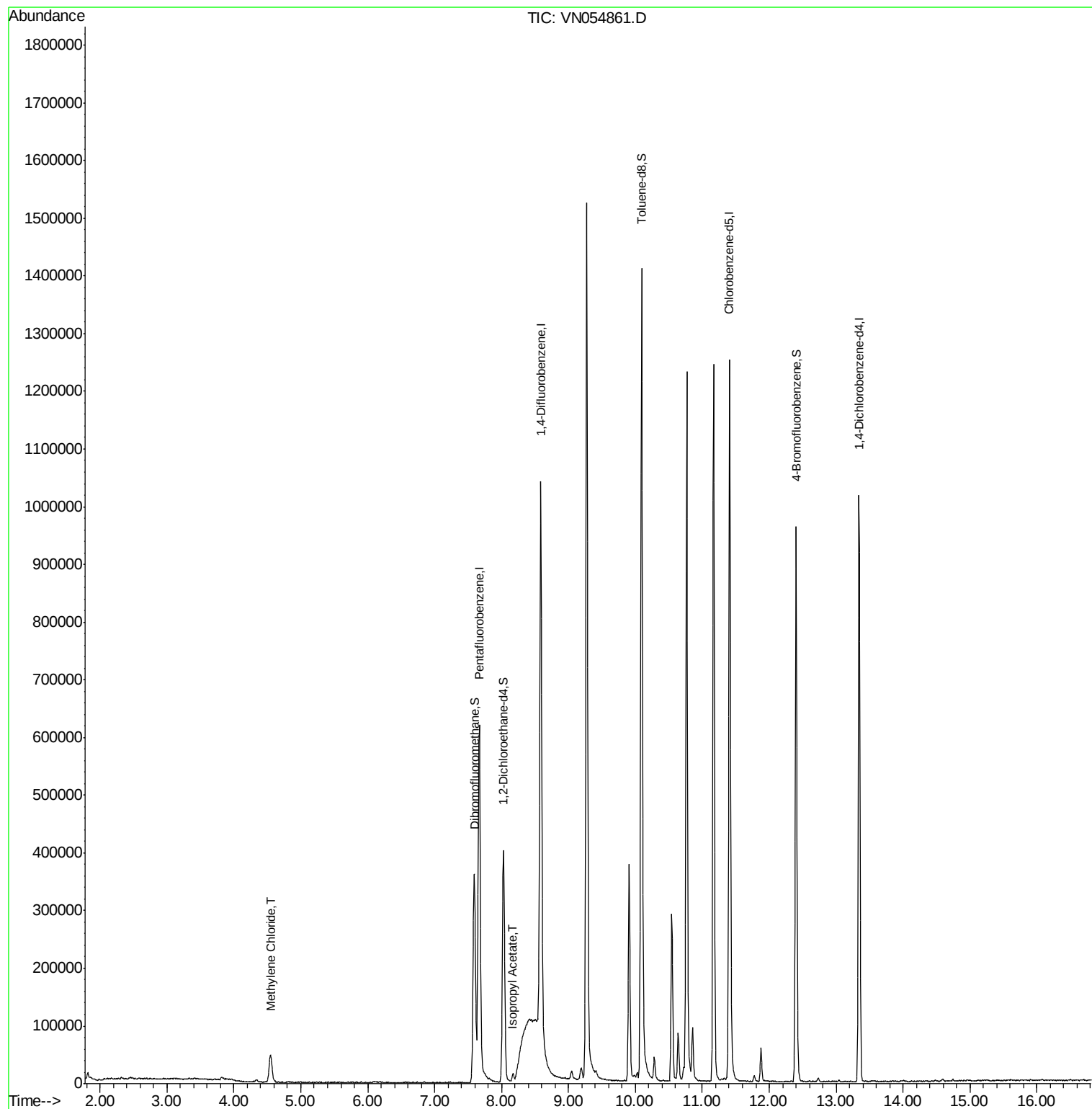
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	524564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	880891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	750701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	272582	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	352207	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
35) Dibromofluoromethane	7.59	113	271919	46.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.60%	
50) Toluene-d8	10.09	98	1046972	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	12.40	95	331967	45.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.44%	
Target Compounds						
20) Methylene Chloride	4.55	84	31727	5.334	ug/l #	85
43) Isopropyl Acetate	8.17	43	17578	1.797	ug/l #	93

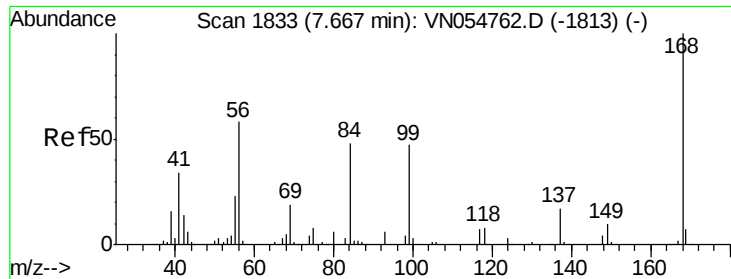
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054861.D

Acq: 31 Mar 2019 19:57

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ClientSampleId :

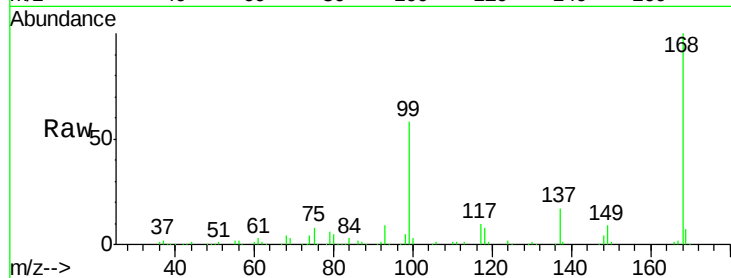
TP-3

Tgt Ion:168 Resp: 524564

Ion Ratio Lower Upper

168 100

99 58.0 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

100000

50000

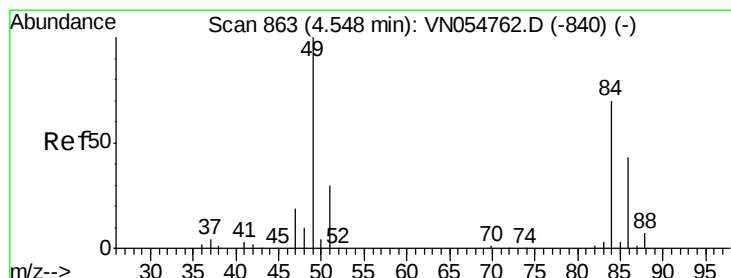
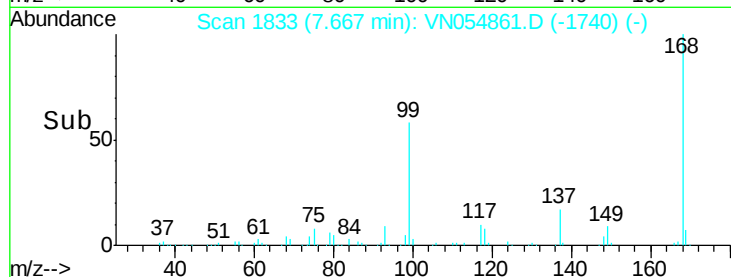
0

Time-->

7.60

7.70

7.80



#20

Methylene Chloride

Concen: 5.334 ug/l

RT: 4.55 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN054861.D

Acq: 31 Mar 2019 19:57

Tgt Ion: 84 Resp: 31727

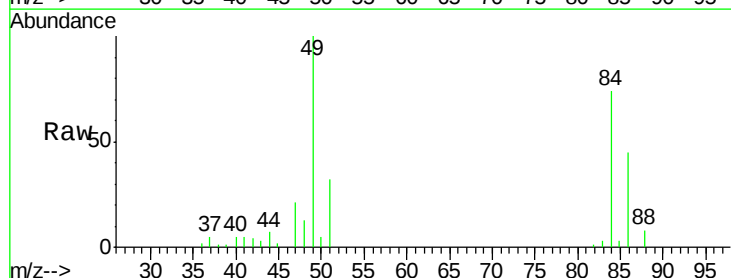
Ion Ratio Lower Upper

84 100

49 135.0 89.7 134.5#

51 43.8 28.2 42.4#

86 61.1 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

20000

15000

10000

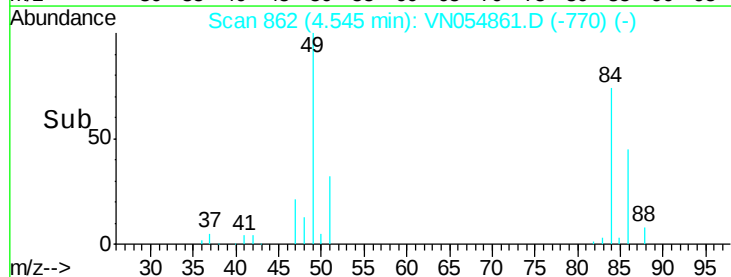
5000

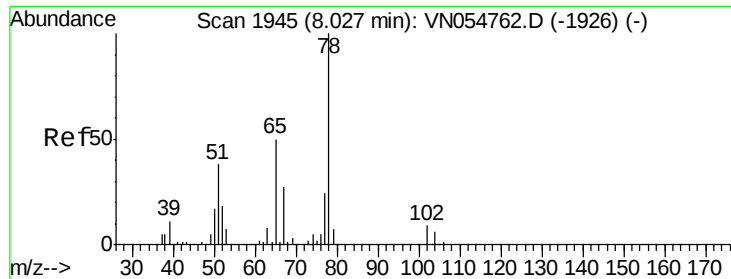
0

Time-->

4.50

4.60

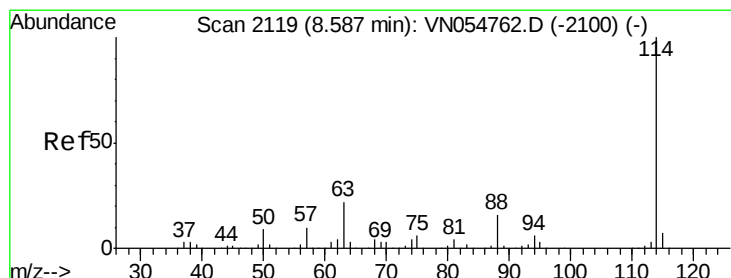
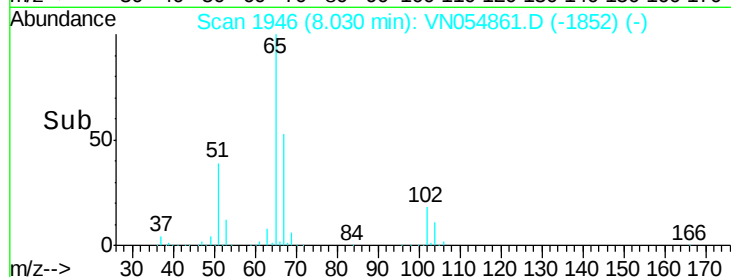
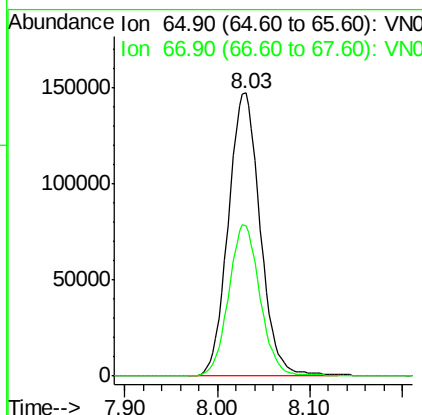
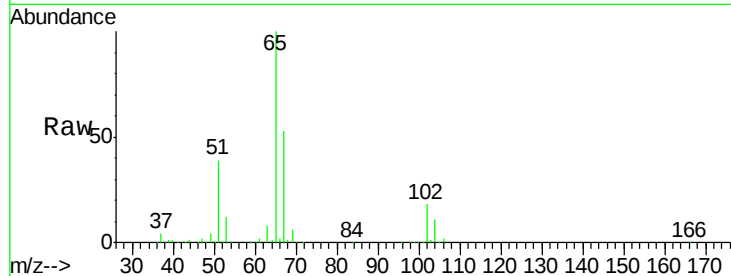




#33
 1,2-Dichloroethane-d4
 Concen: 49.808 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054861.D
 Acq: 31 Mar 2019 19:57

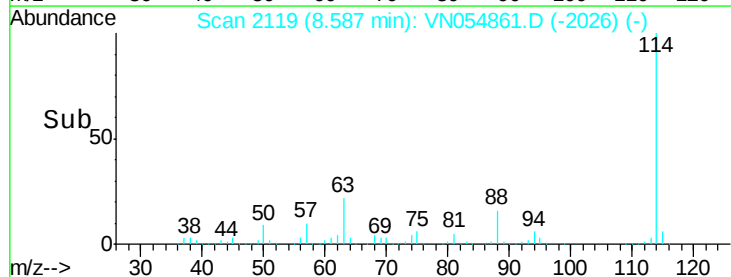
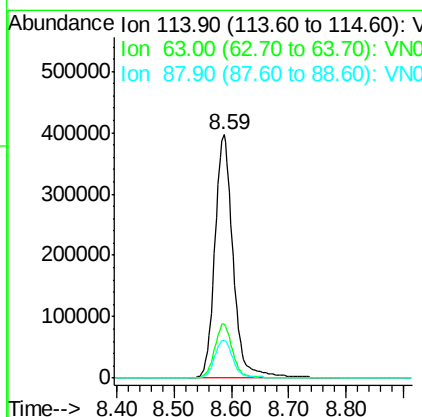
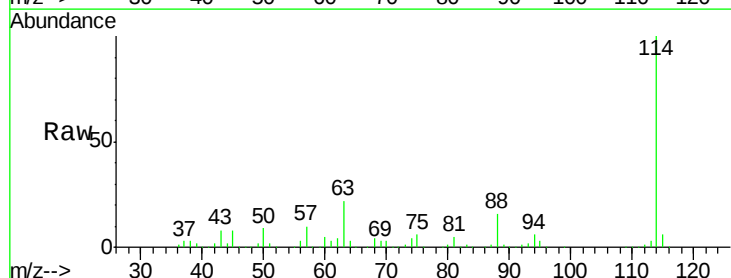
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

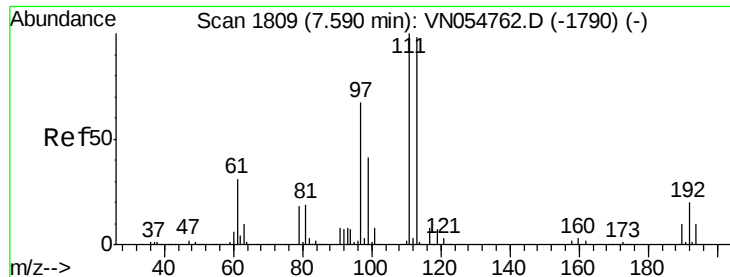
Tgt Ion: 65 Resp: 352207
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054861.D
 Acq: 31 Mar 2019 19:57

Tgt Ion: 114 Resp: 880891
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 35.2
 88 15.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 46.301 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054861.D

Acq: 31 Mar 2019 19:57

Instrument :

MSVOA_N

ClientSampled :

TP-3

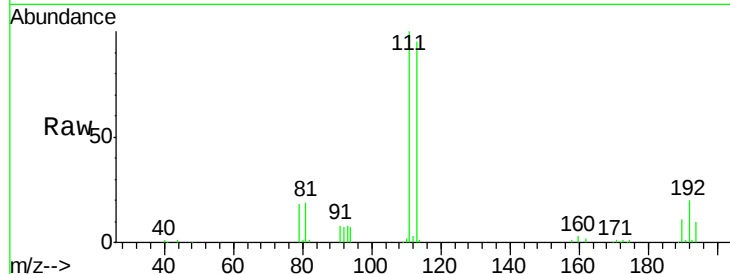
Tgt Ion: 113 Resp: 271919

Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

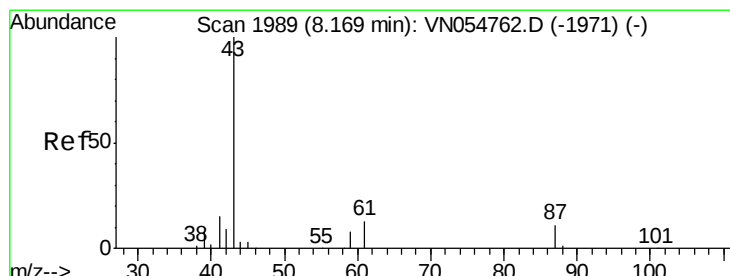
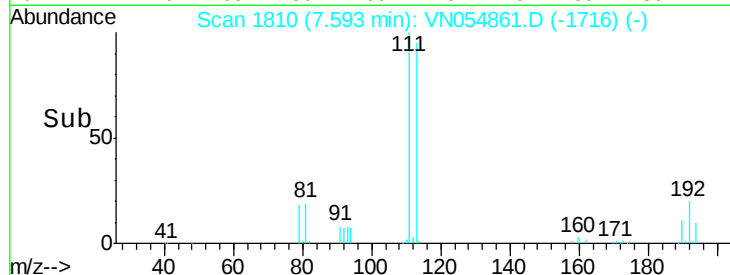
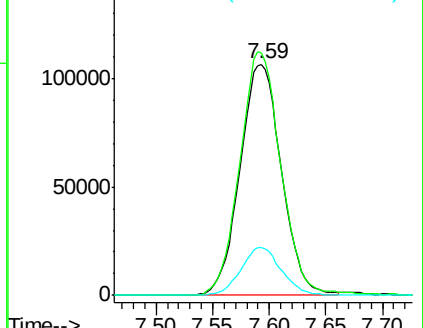
192 20.3 19.2 28.8



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



#43

Isopropyl Acetate

Concen: 1.797 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054861.D

Acq: 31 Mar 2019 19:57

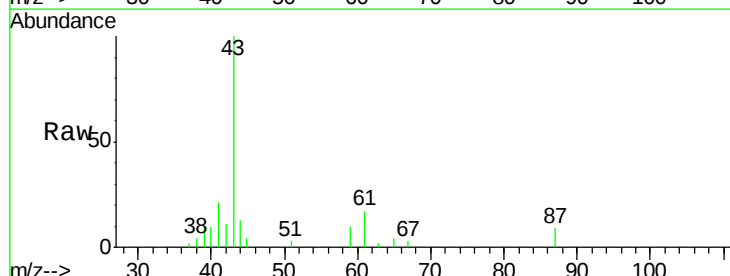
Tgt Ion: 43 Resp: 17578

Ion Ratio Lower Upper

43 100

61 21.6 15.8 23.8

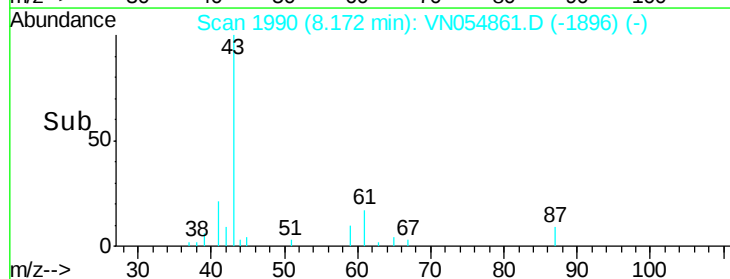
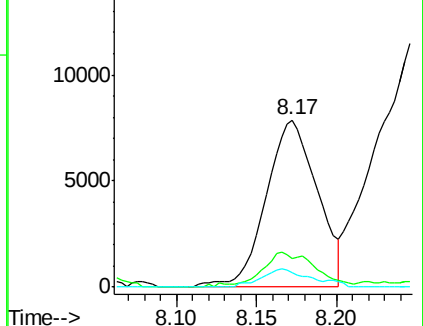
87 10.4 12.0 18.0#

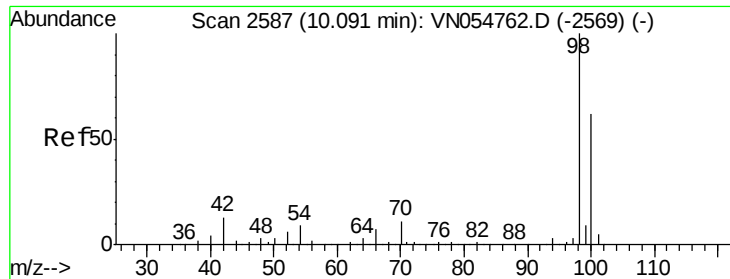


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 47.952 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054861.D

Acq: 31 Mar 2019 19:57

Instrument :

MSVOA_N

ClientSampleId :

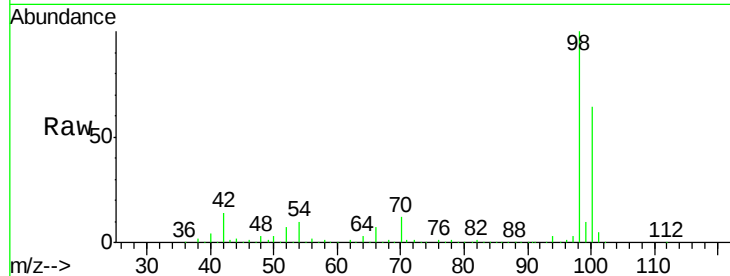
TP-3

Tgt Ion: 98 Resp: 1046972

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054762.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054762.D (-2569) (-)

10.09

500000

400000

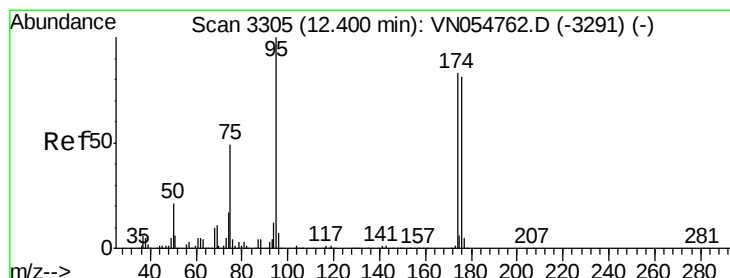
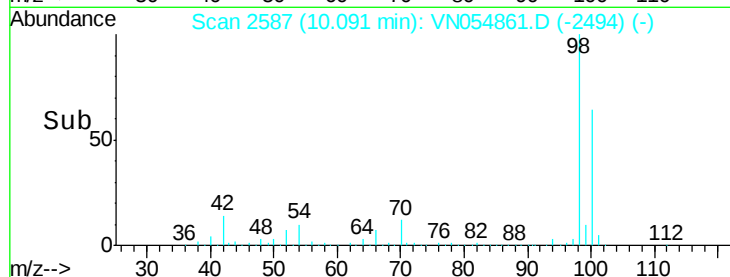
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.717 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054861.D

Acq: 31 Mar 2019 19:57

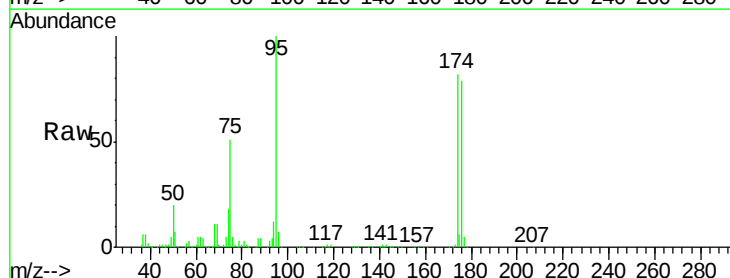
Tgt Ion: 95 Resp: 331967

Ion Ratio Lower Upper

95 100

174 82.6 0.0 191.0

176 81.6 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054762.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054762.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054762.D (-3291) (-)

12.40

250000

200000

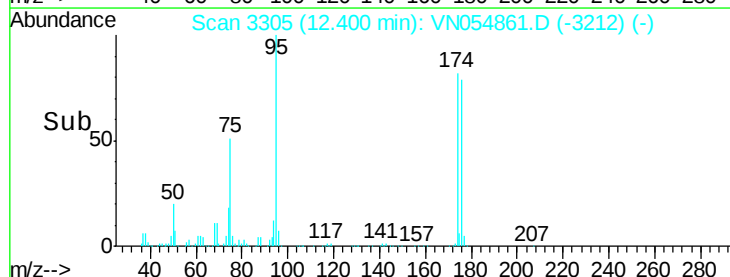
150000

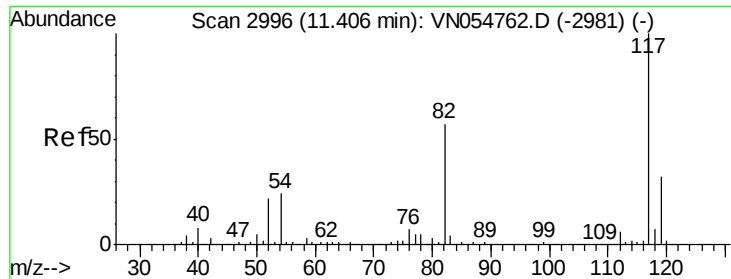
100000

50000

0

Time-->

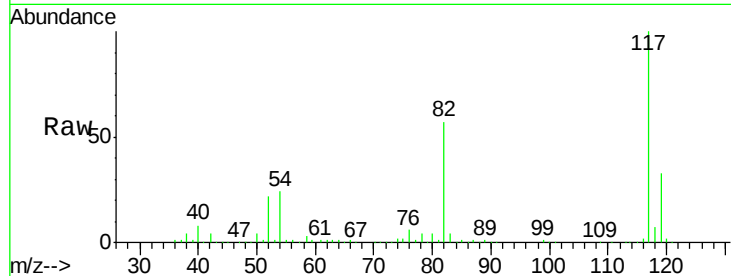




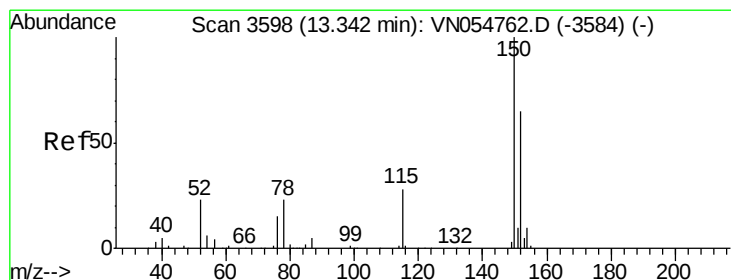
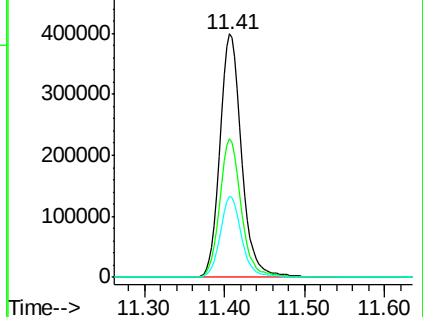
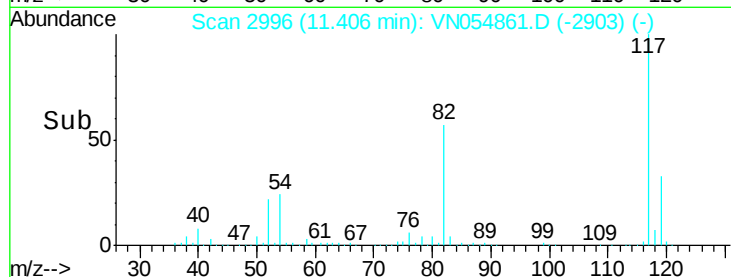
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054861.D
Acq: 31 Mar 2019 19:57

Instrument :
MSVOA_N
ClientSampled :
TP-3

Tgt Ion:117 Resp: 750701
Ion Ratio Lower Upper
117 100
82 57.0 40.0 60.0
119 33.1 25.8 38.6

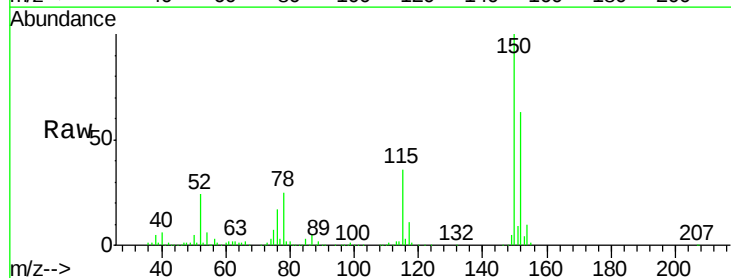


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054861.D
Acq: 31 Mar 2019 19:57

Tgt Ion:152 Resp: 272582
Ion Ratio Lower Upper
152 100
115 58.5 27.2 81.6
150 157.9 0.0 349.2



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

