

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
 Data File : VN052087.D
 Acq On : 31 Oct 2018 21:13
 Operator : MD\SY
 Sample : J5202-16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-03-103018-B

Quant Time: Nov 01 02:40:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	283083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	524425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	502836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	196542	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	238643	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
35) Dibromofluoromethane	7.59	113	199811	60.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.80%	
50) Toluene-d8	10.09	98	790991	60.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.64%	
62) 4-Bromofluorobenzene	12.40	95	269595	56.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.02%	

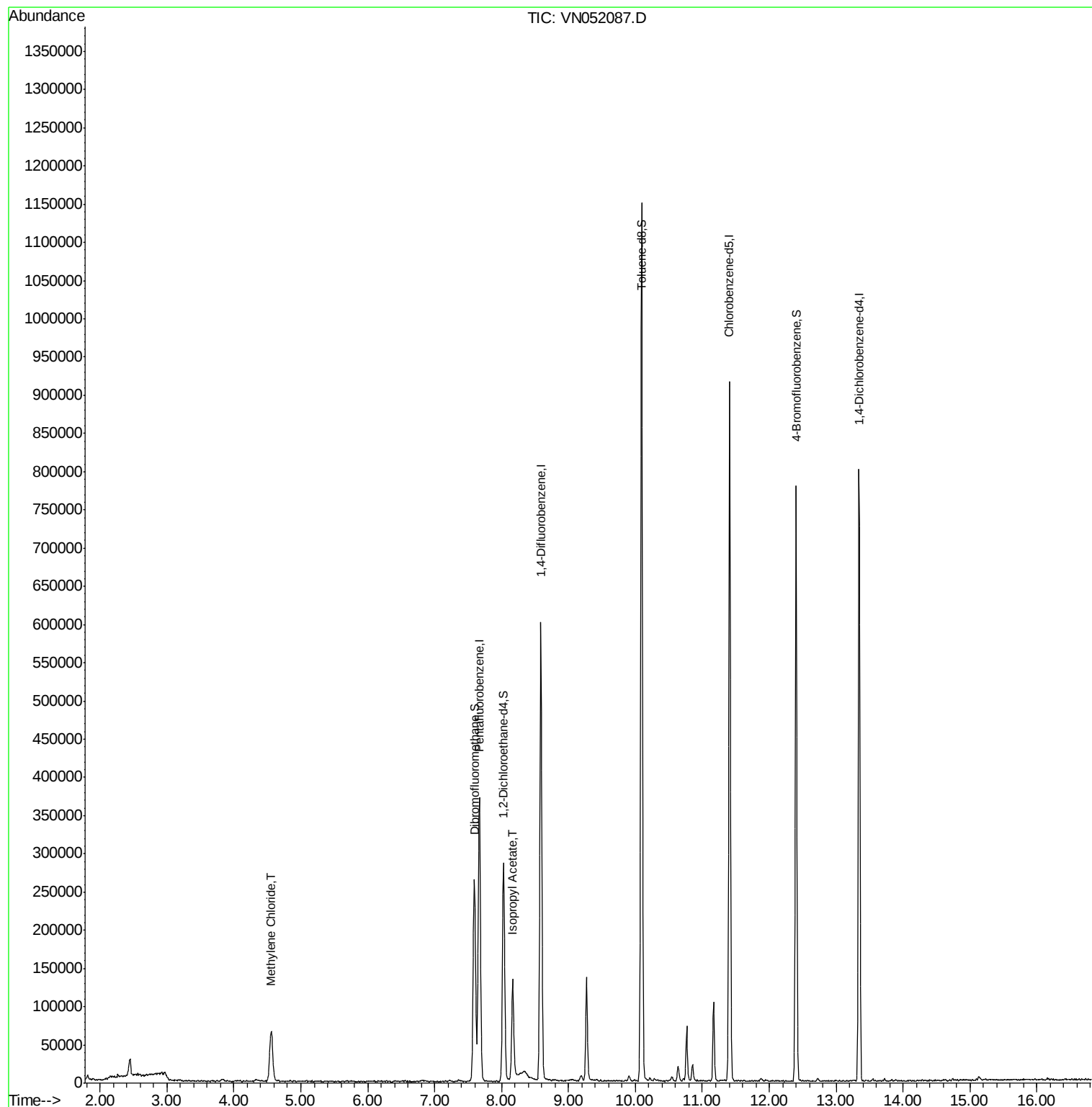
Target Compounds						Qvalue
20) Methylene Chloride	4.56	84	52732	14.27	ug/l	92
43) Isopropyl Acetate	8.17	43	158426	24.96	ug/l	100

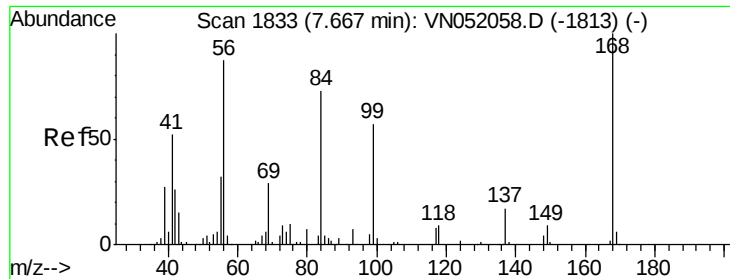
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052087.D

Acq: 31 Oct 2018 21:13

Instrument :

MSVOA_N

ClientSampleId :

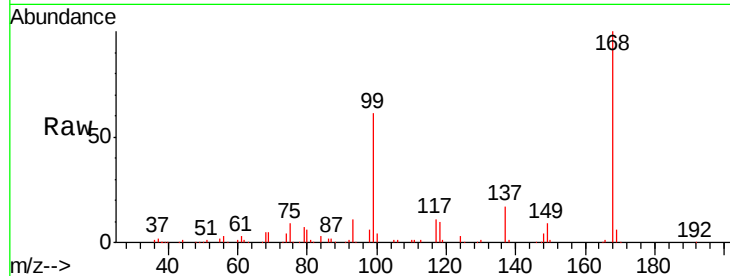
PL-03-103018-B

Tgt Ion:168 Resp: 283083

Ion Ratio Lower Upper

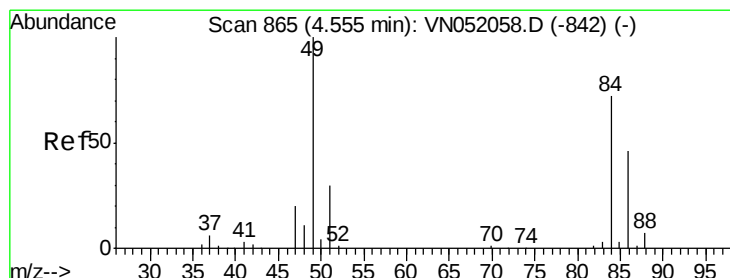
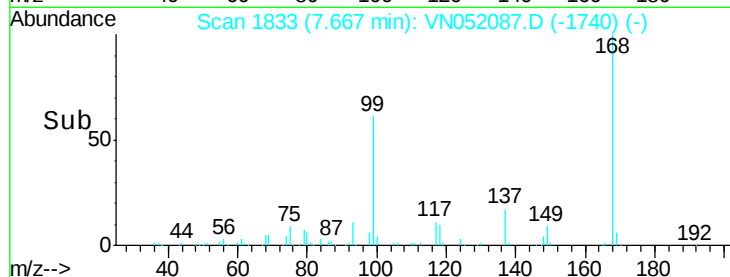
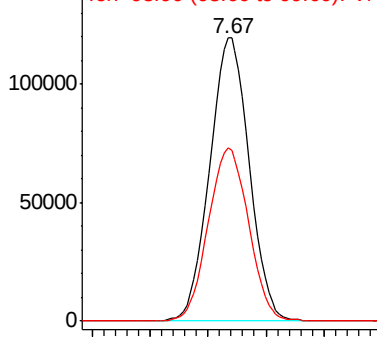
168 100

99 61.1 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 14.27 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN052087.D

Acq: 31 Oct 2018 21:13

Tgt Ion: 84 Resp: 52732

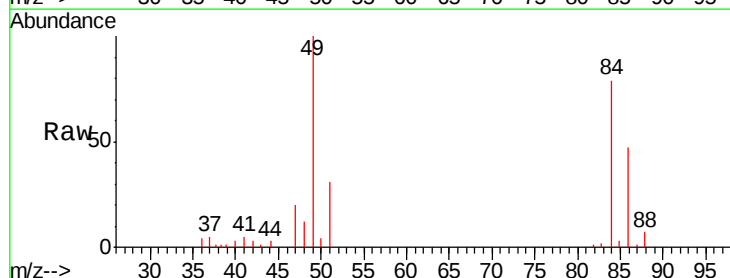
Ion Ratio Lower Upper

84 100

49 124.8 110.6 165.8

51 39.3 33.7 50.5

86 59.5 50.5 75.7

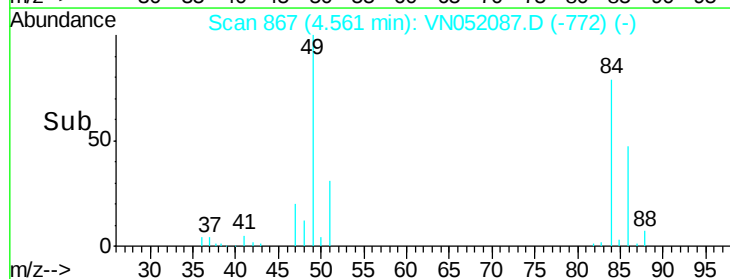
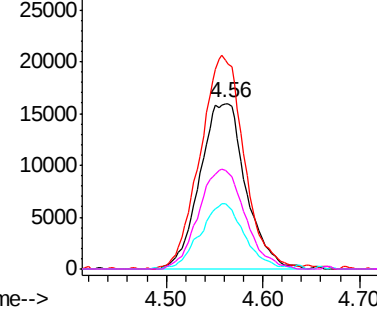


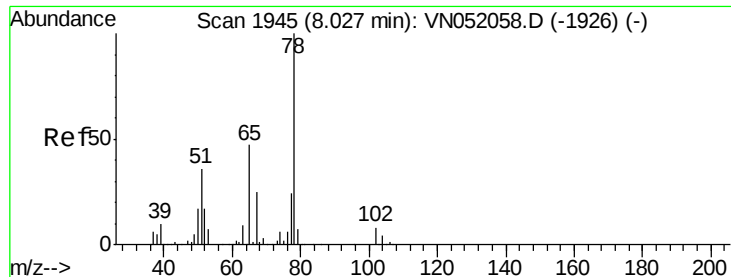
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

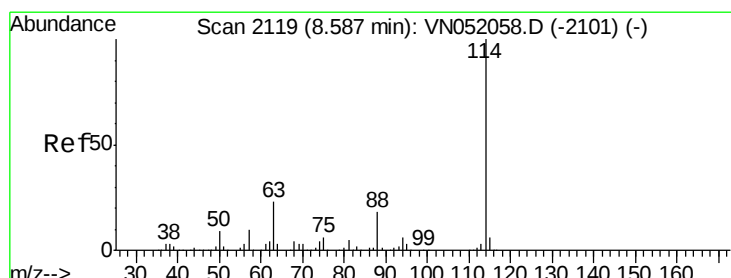
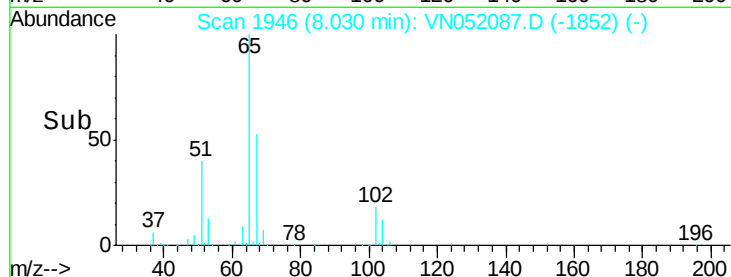
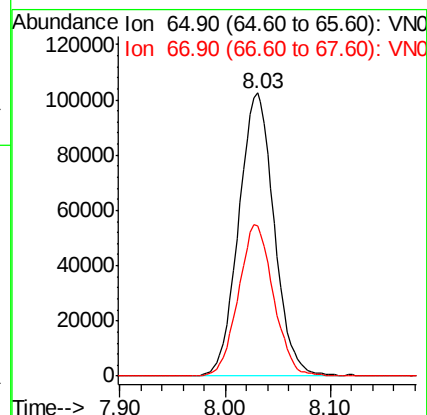
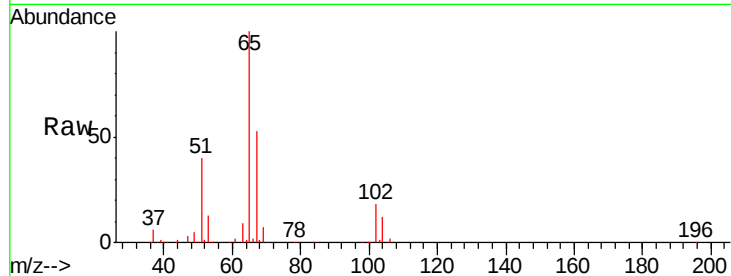




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052087.D
 Acq: 31 Oct 2018 21:13

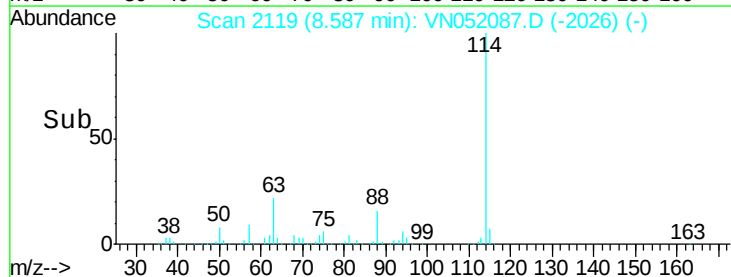
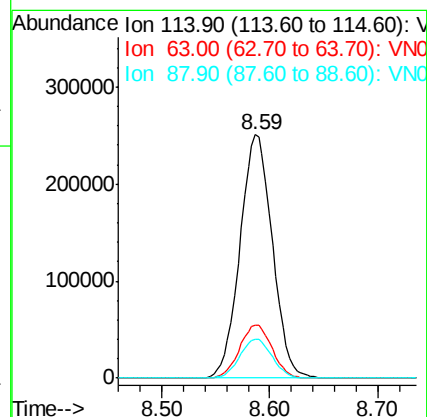
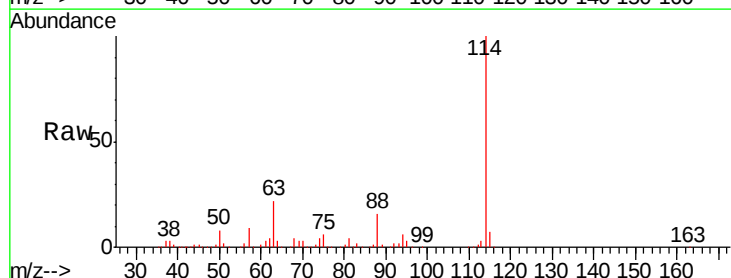
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-03-103018-B

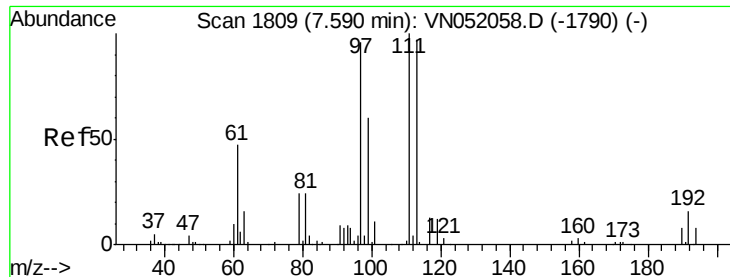
Tgt Ion: 65 Resp: 238643
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052087.D
 Acq: 31 Oct 2018 21:13

Tgt Ion: 114 Resp: 524425
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 46.0
 88 16.1 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052087.D

Acq: 31 Oct 2018 21:13

Instrument :

MSVOA_N

ClientSampleId :

PL-03-103018-B

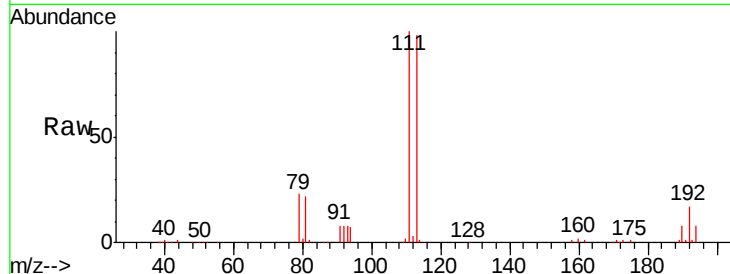
Tgt Ion:113 Resp: 199811

Ion Ratio Lower Upper

113 100

111 101.8 83.1 124.7

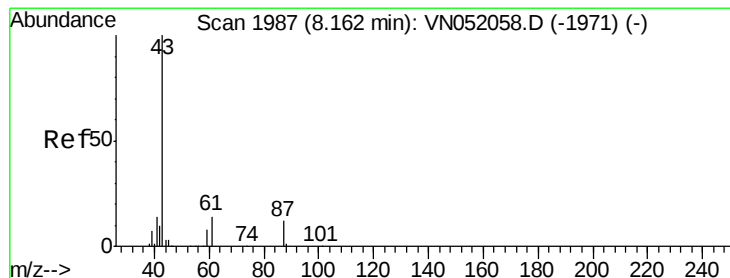
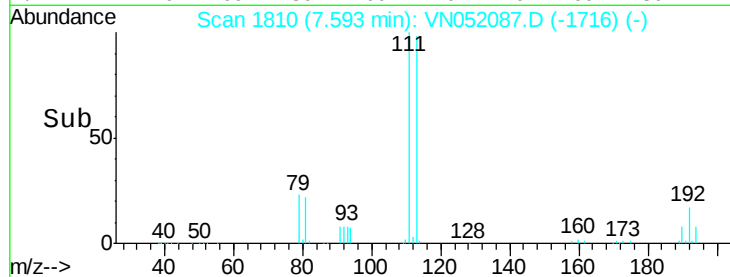
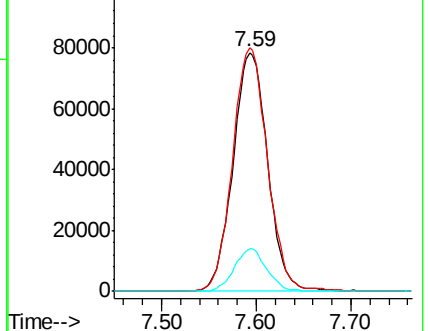
192 16.6 12.7 19.1



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: 24.96 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052087.D

Acq: 31 Oct 2018 21:13

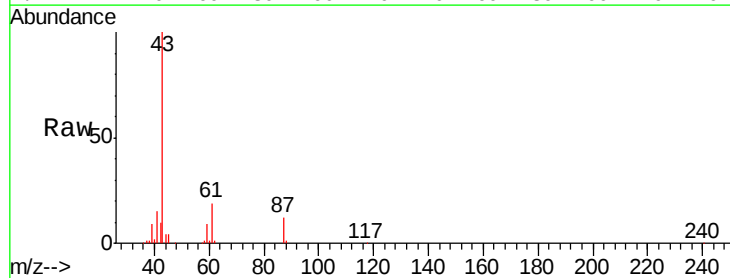
Tgt Ion: 43 Resp: 158426

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

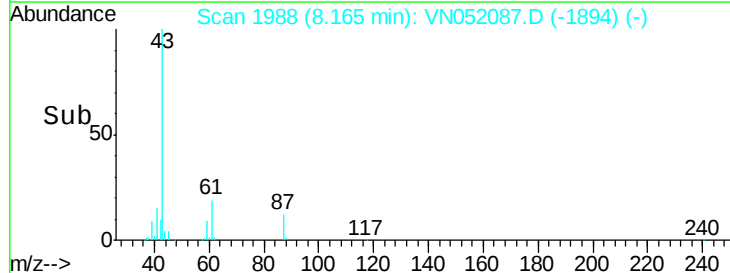
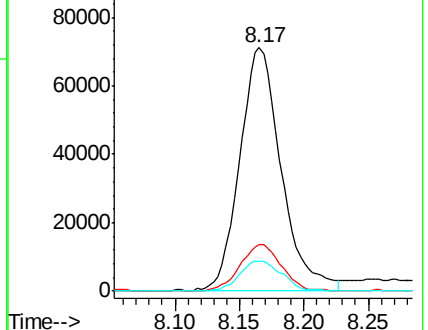
87 12.7 9.8 14.8

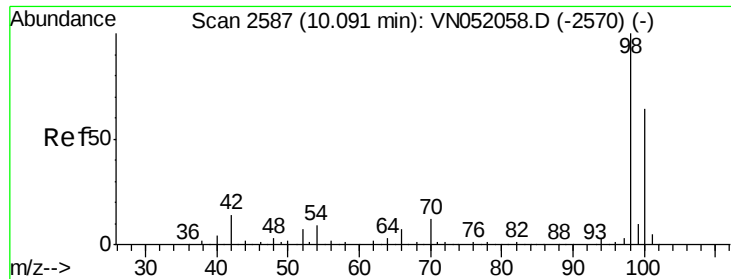


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052087.D

Acq: 31 Oct 2018 21:13

Instrument :

MSVOA_N

ClientSampleId :

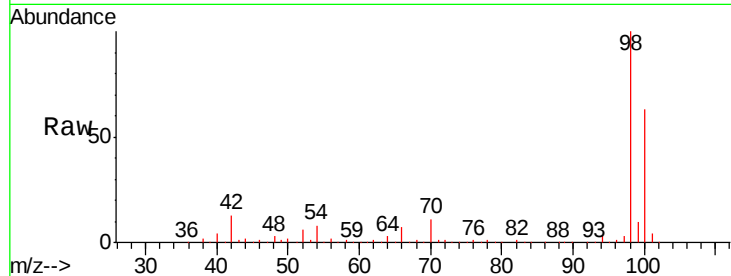
PL-03-103018-B

Tgt Ion: 98 Resp: 790991

Ion Ratio Lower Upper

98 100

100 62.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

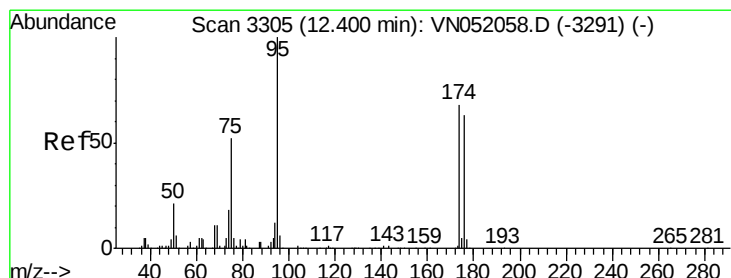
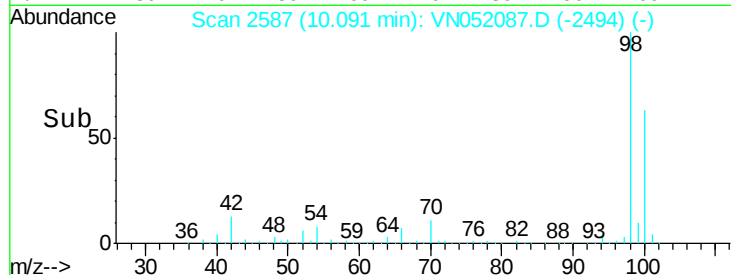
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052087.D

Acq: 31 Oct 2018 21:13

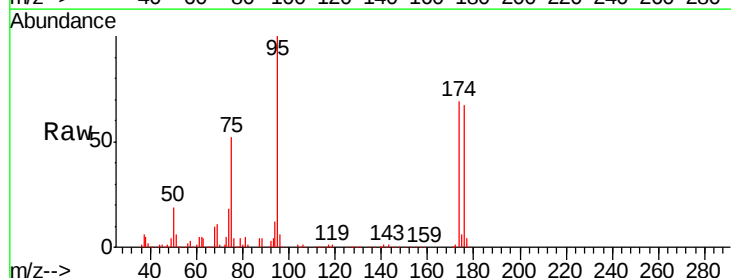
Tgt Ion: 95 Resp: 269595

Ion Ratio Lower Upper

95 100

174 70.4 0.0 131.8

176 66.6 0.0 126.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

200000

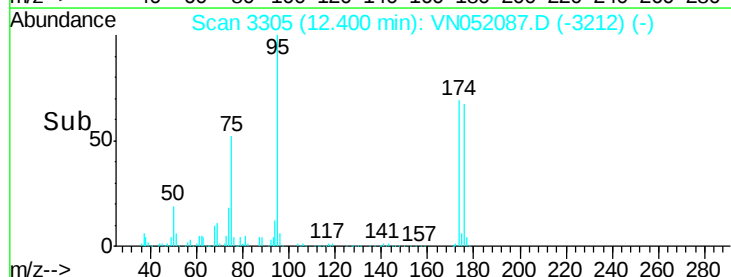
150000

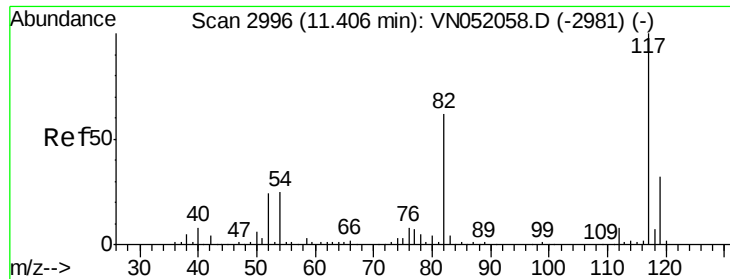
100000

50000

0

Time-->

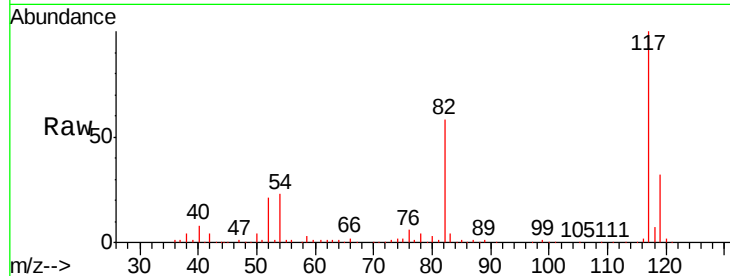




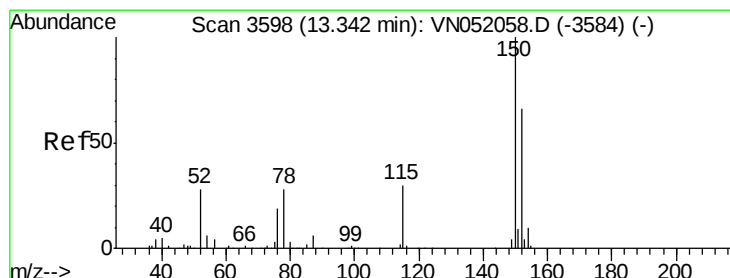
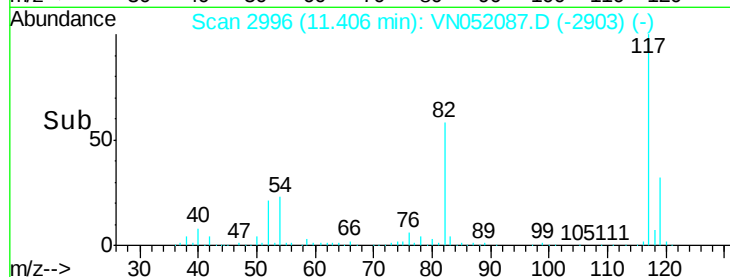
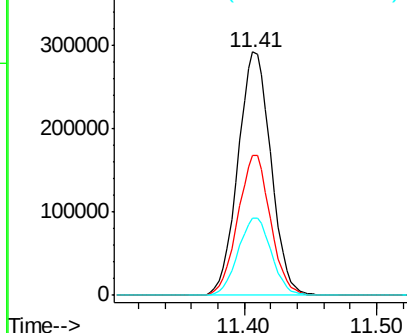
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052087.D
Acq: 31 Oct 2018 21:13

Instrument :
MSVOA_N
ClientSampleId :
PL-03-103018-B

Tgt Ion:117 Resp: 502836
Ion Ratio Lower Upper
117 100
82 57.6 49.9 74.9
119 31.6 25.7 38.5

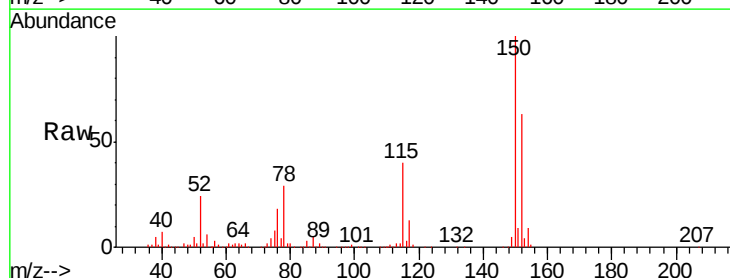


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052087.D
Acq: 31 Oct 2018 21:13

Tgt Ion:152 Resp: 196542
Ion Ratio Lower Upper
152 100
115 66.0 31.6 95.0
150 159.7 0.0 345.0



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

