

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052892.D
 Acq On : 14 Dec 2018 16:52
 Operator : MD\SY
 Sample : PB11591TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB11591TB

Quant Time: Dec 15 03:33:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

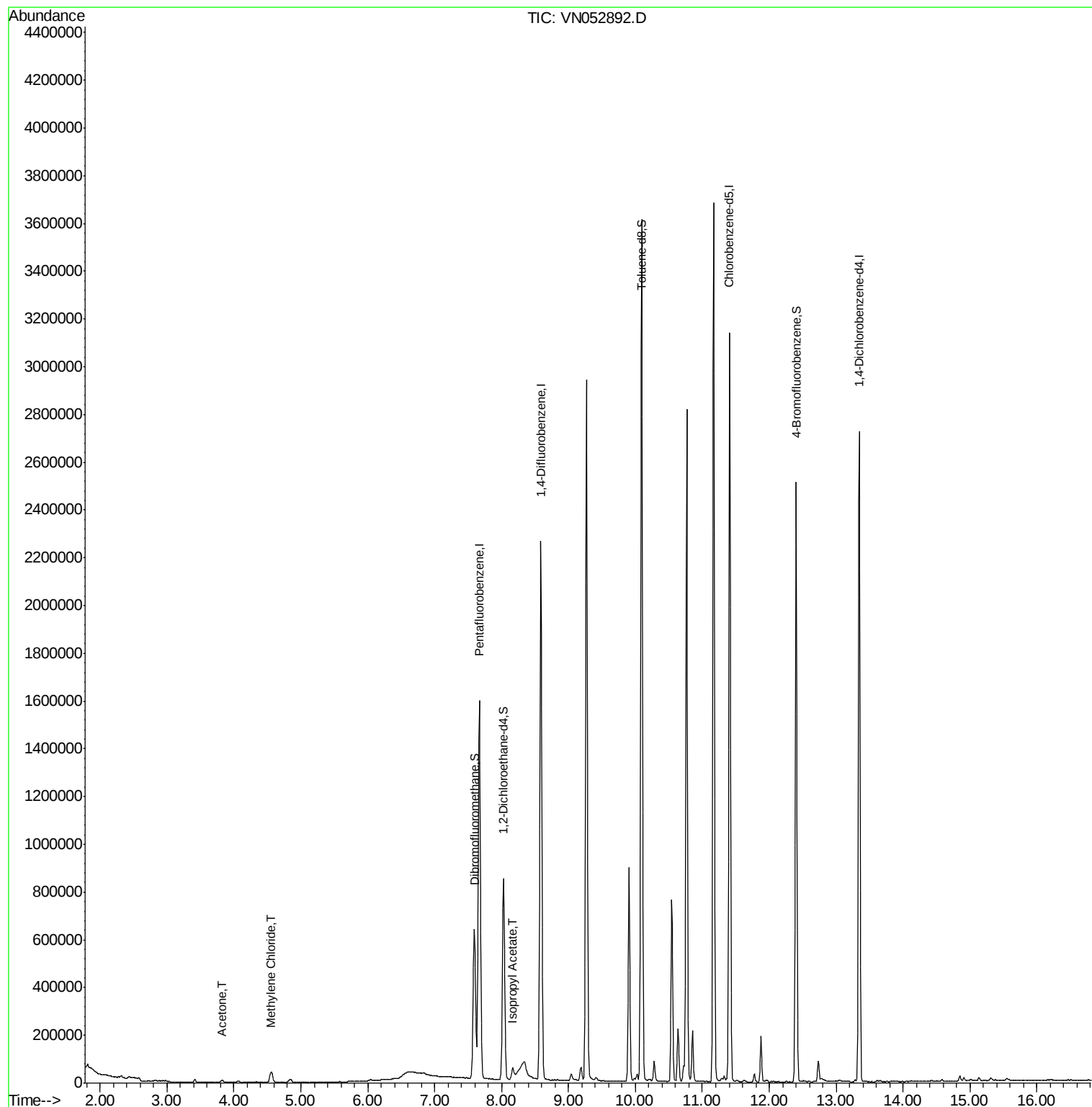
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1374746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2115256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1914668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	776313	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	698218	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
35) Dibromofluoromethane	7.59	113	478862	40.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.12%	
50) Toluene-d8	10.09	98	2598806	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.40	95	862397	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
Target Compounds						
16) Acetone	3.82	43	16890	5.145	ug/l	91
20) Methylene Chloride	4.56	84	35629	2.412	ug/l	94
43) Isopropyl Acetate	8.17	43	68826	2.869	ug/l #	83

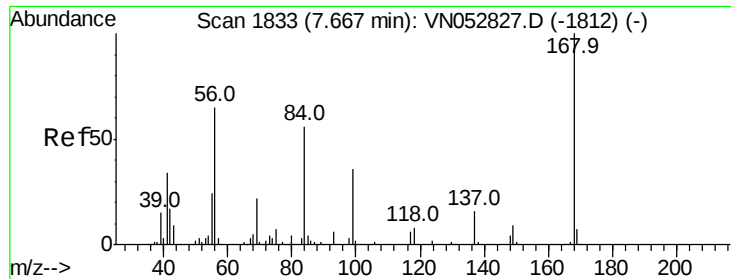
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121418\
Data File : VN052892.D
Acq On : 14 Dec 2018 16:52
Operator : MD\SY
Sample : PB11591TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB11591TB

Quant Time: Dec 15 03:33:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052892.D

Acq: 14 Dec 2018 16:52

Instrument :

MSVOA_N

ClientSampleId :

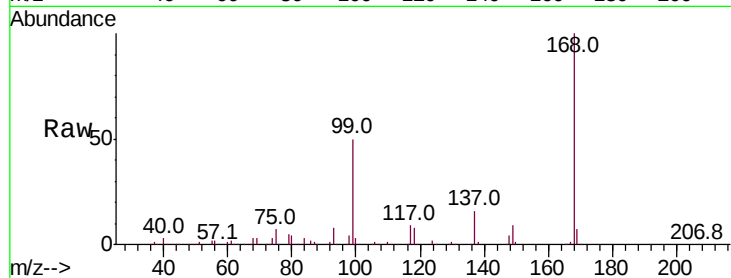
PB11591TB

Tot Ion:168 Resp: 1374746

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

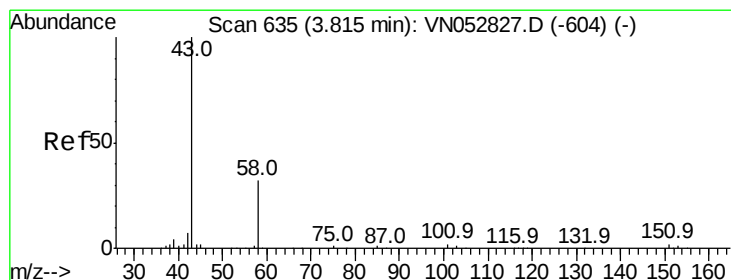
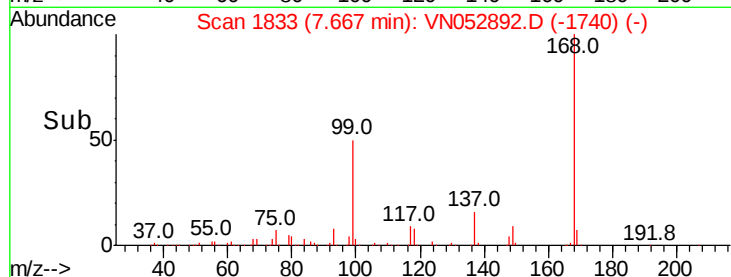
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 5.145 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052892.D

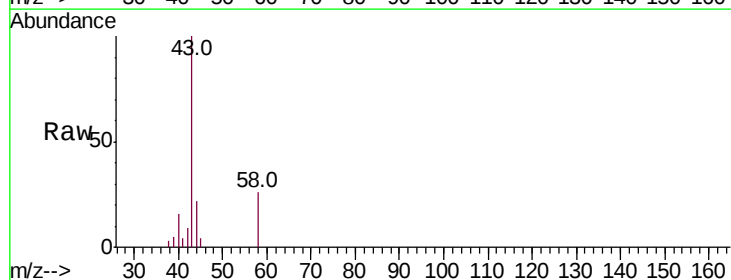
Acq: 14 Dec 2018 16:52

Tgt Ion: 43 Resp: 16890

Ion Ratio Lower Upper

43 100

58 26.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

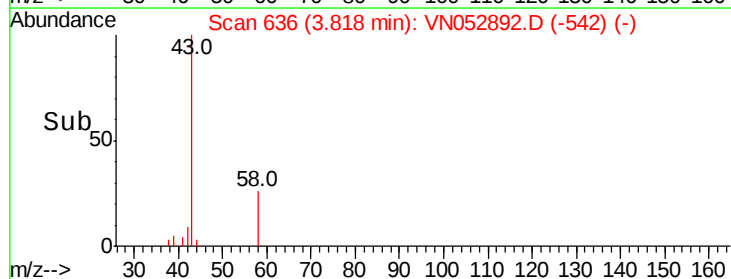
6000

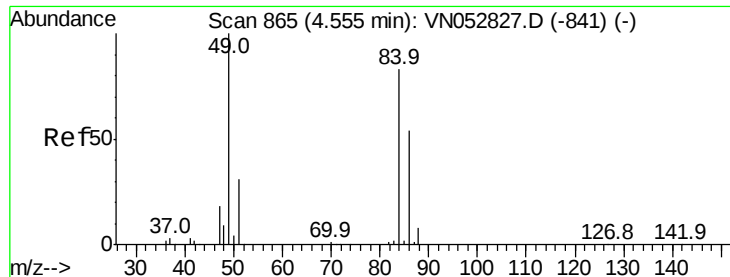
4000

2000

0

Time-->

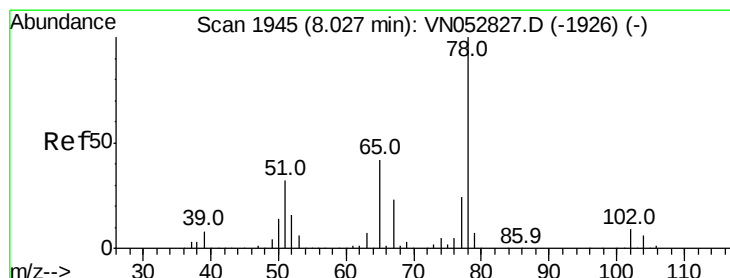
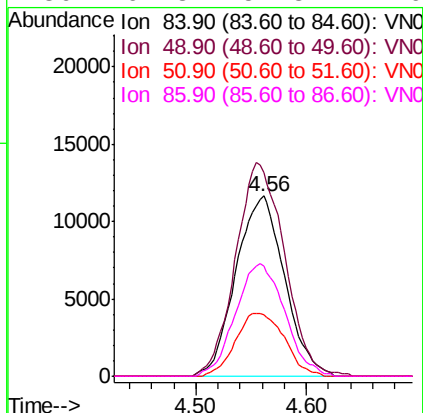
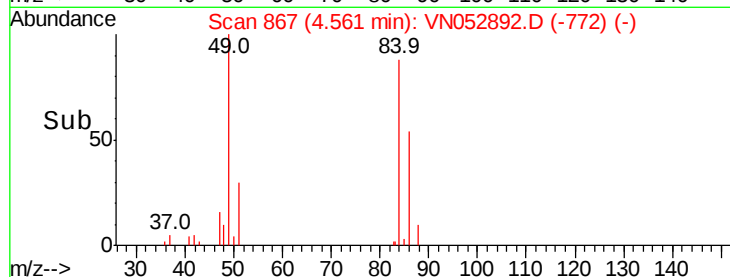
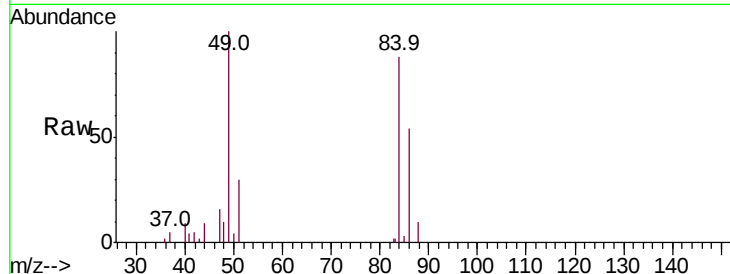




#20
Methvlene Chloride
Concen: 2.412 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN052892.D
Acq: 14 Dec 2018 16:52

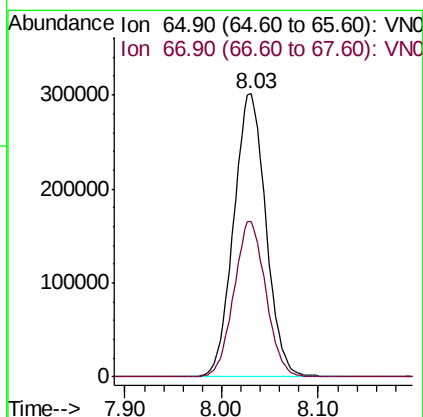
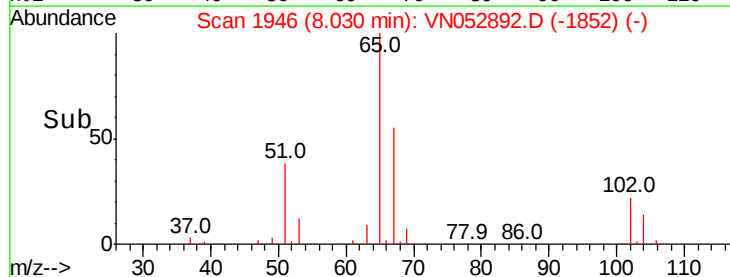
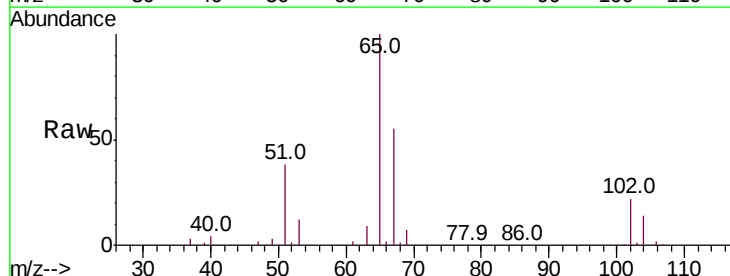
Instrument :
MSVOA_N
ClientSampleId :
PB11591TB

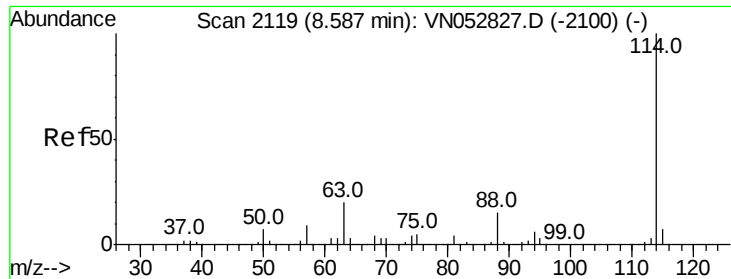
Tot Ion: 84 Resp: 35629
Ion Ratio Lower Upper
84 100
49 113.2 96.8 145.2
51 34.4 29.9 44.9
86 61.3 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052892.D
Acq: 14 Dec 2018 16:52

Tgt Ion: 65 Resp: 698218
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.4

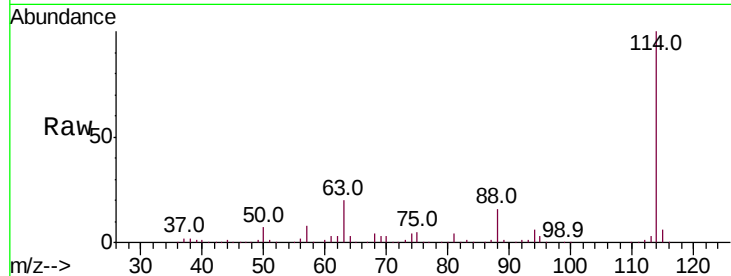




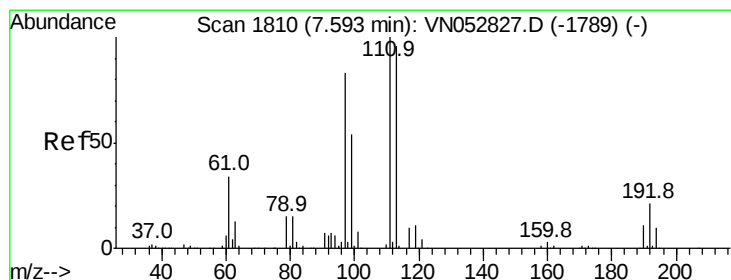
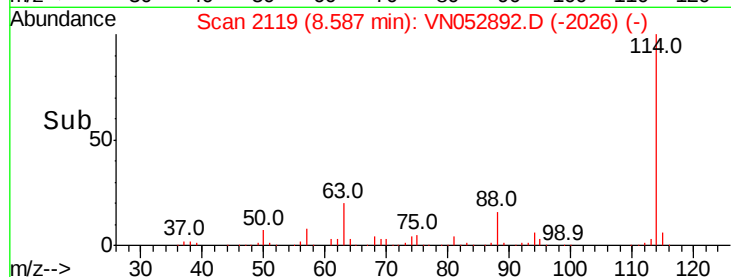
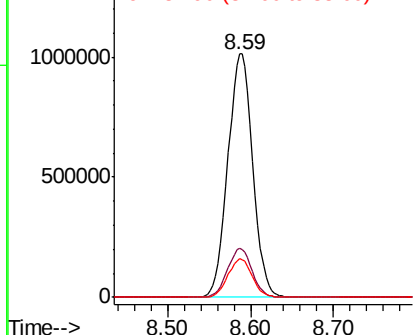
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052892.D
 Acq: 14 Dec 2018 16:52

Instrument :
 MSVOA_N
 ClientSampleId :
 PB11591TB

Tot Ion:114 Resp: 2115256
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.7 0.0 31.0

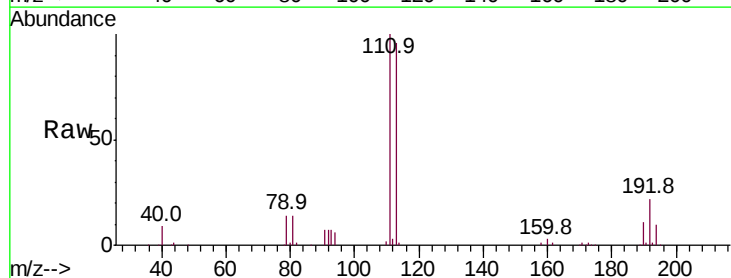


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

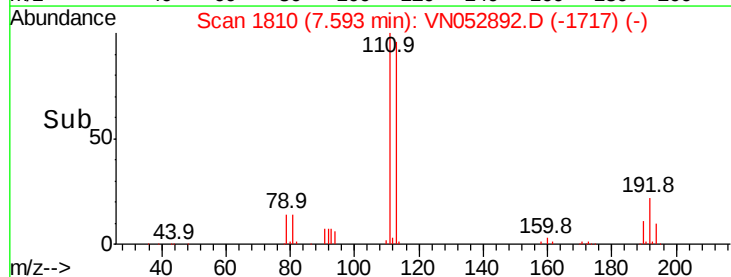
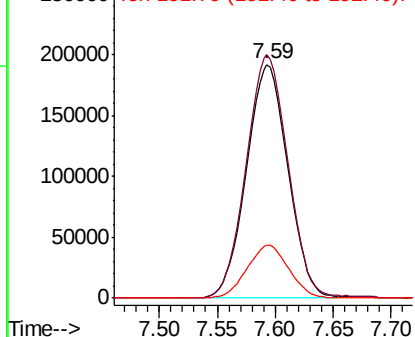


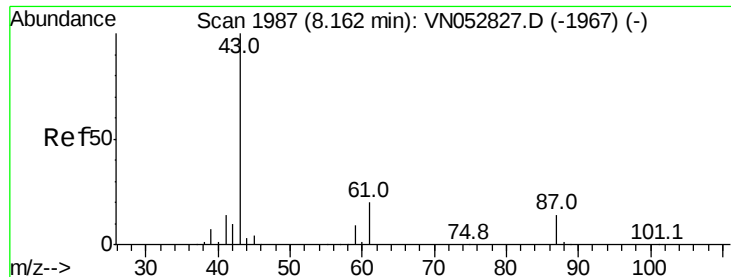
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052892.D
 Acq: 14 Dec 2018 16:52

Tgt Ion:113 Resp: 478862
 Ion Ratio Lower Upper
 113 100
 111 105.4 83.0 124.4
 192 22.8 17.5 26.3



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: 2.869 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052892.D

Acq: 14 Dec 2018 16:52

Instrument :

MSVOA_N

ClientSampleId :

PB11591TB

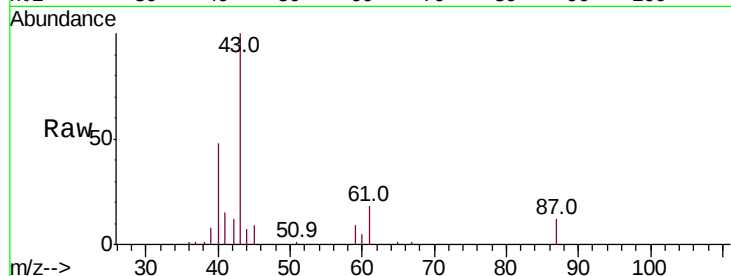
Tot Ion: 43 Resp: 68826

Ion Ratio Lower Upper

43 100

61 17.2 22.9 34.3#

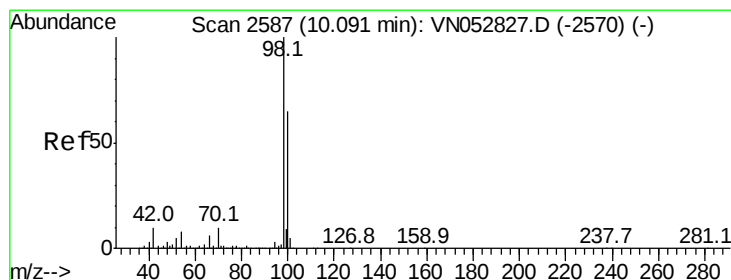
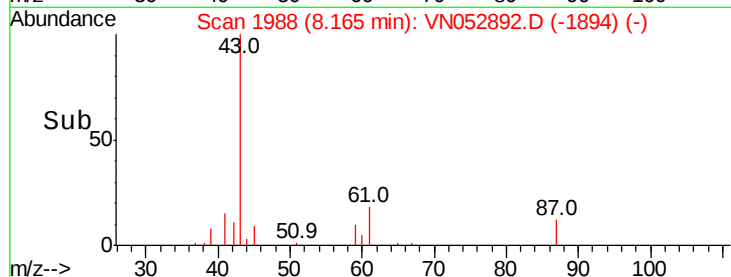
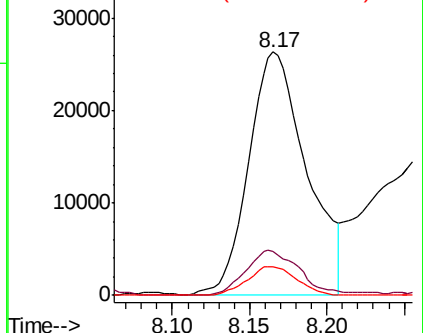
87 10.1 10.6 15.8#



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: VN052892.D

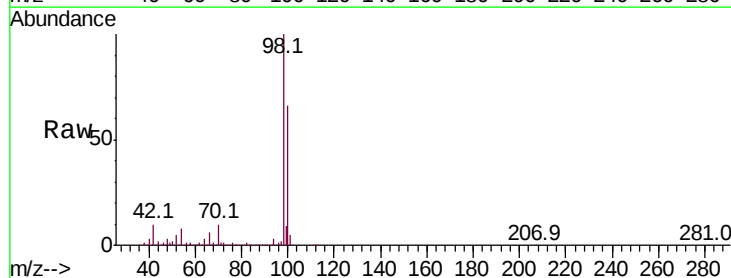
Acq: 14 Dec 2018 16:52

Tgt Ion: 98 Resp: 2598806

Ion Ratio Lower Upper

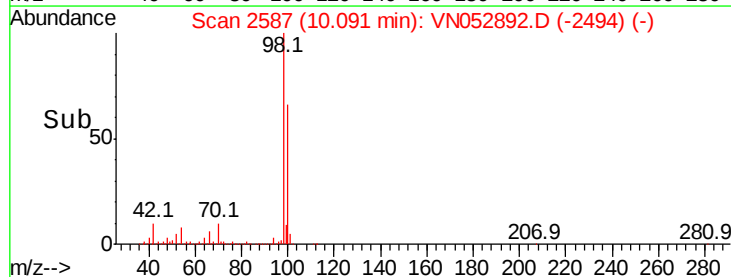
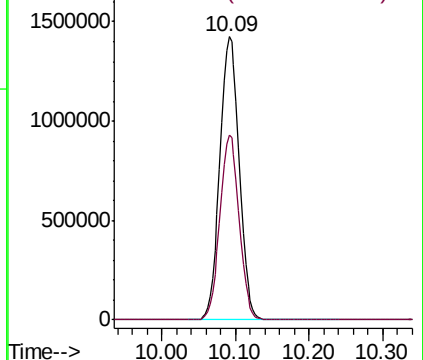
98 100

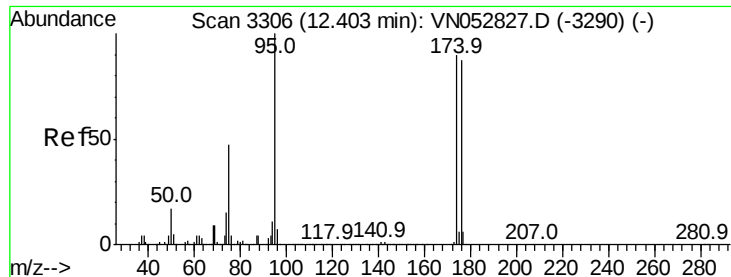
100 64.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VNO

Ion 100.00 (99.70 to 100.70): VNO





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN052892.D

Acq: 14 Dec 2018 16:52

Instrument :

MSVOA_N

ClientSampleId :

PB11591TB

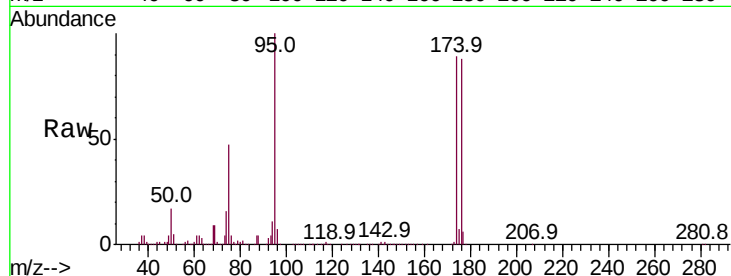
Tot Ion: 95 Resp: 862397

Ion Ratio Lower Upper

95 100

174 89.2 0.0 178.8

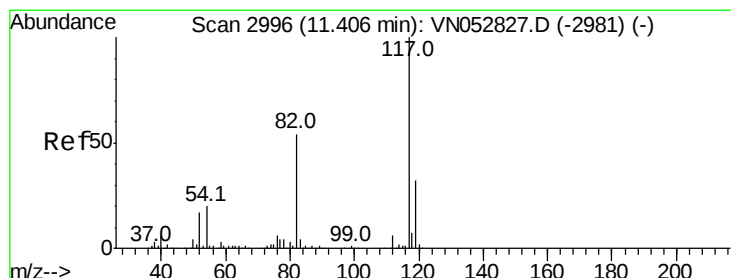
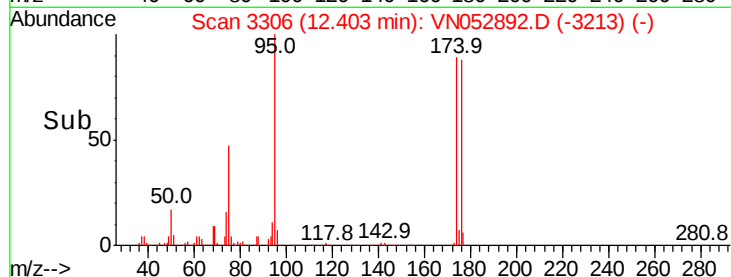
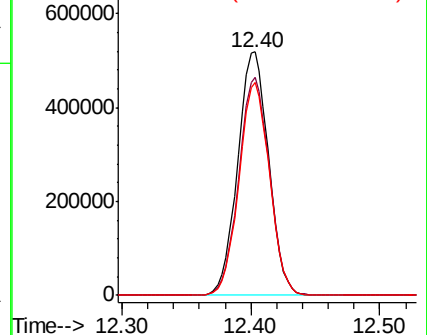
176 86.5 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052892.D

Acq: 14 Dec 2018 16:52

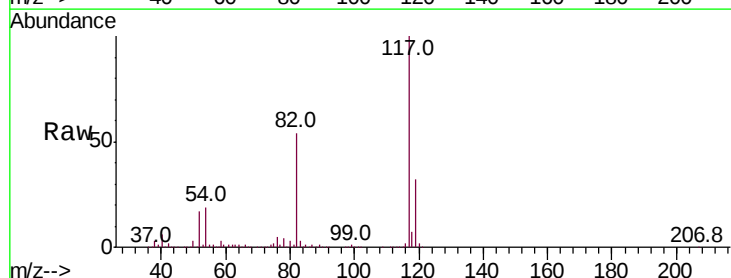
Tgt Ion: 117 Resp: 1914668

Ion Ratio Lower Upper

117 100

82 53.6 42.8 64.2

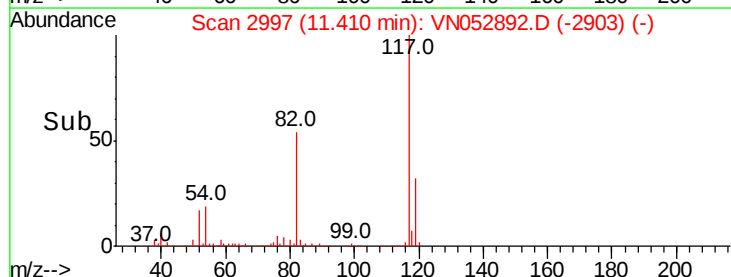
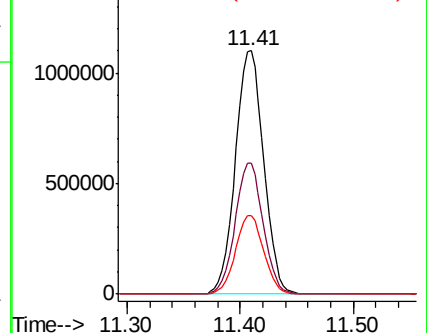
119 32.4 25.5 38.3

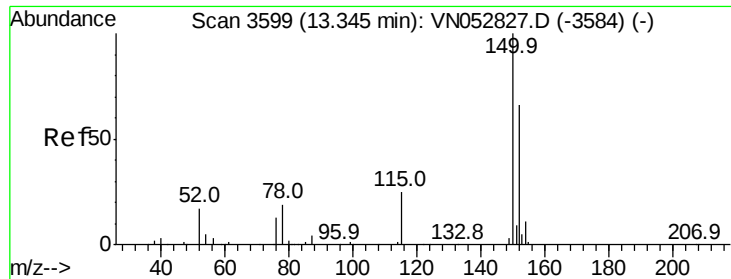


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052892.D

Acq: 14 Dec 2018 16:52

Instrument :

MSVOA_N

ClientSampleId :

PB11591TB

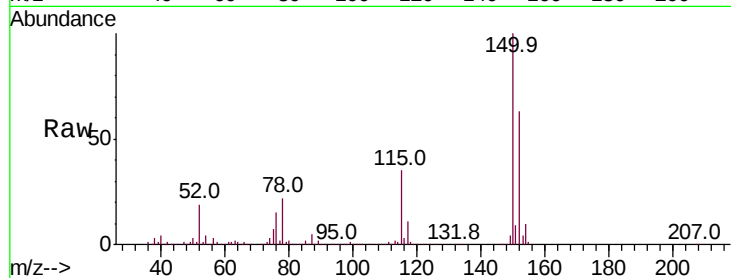
Tot Ion:152 Resp: 776313

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

150 156.8 0.0 347.8



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

