

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110218\
 Data File : VN052124.D
 Acq On : 2 Nov 2018 13:01
 Operator : MD\SY
 Sample : PB114370ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114370ZHE#13

Quant Time: Nov 02 23:11:04 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

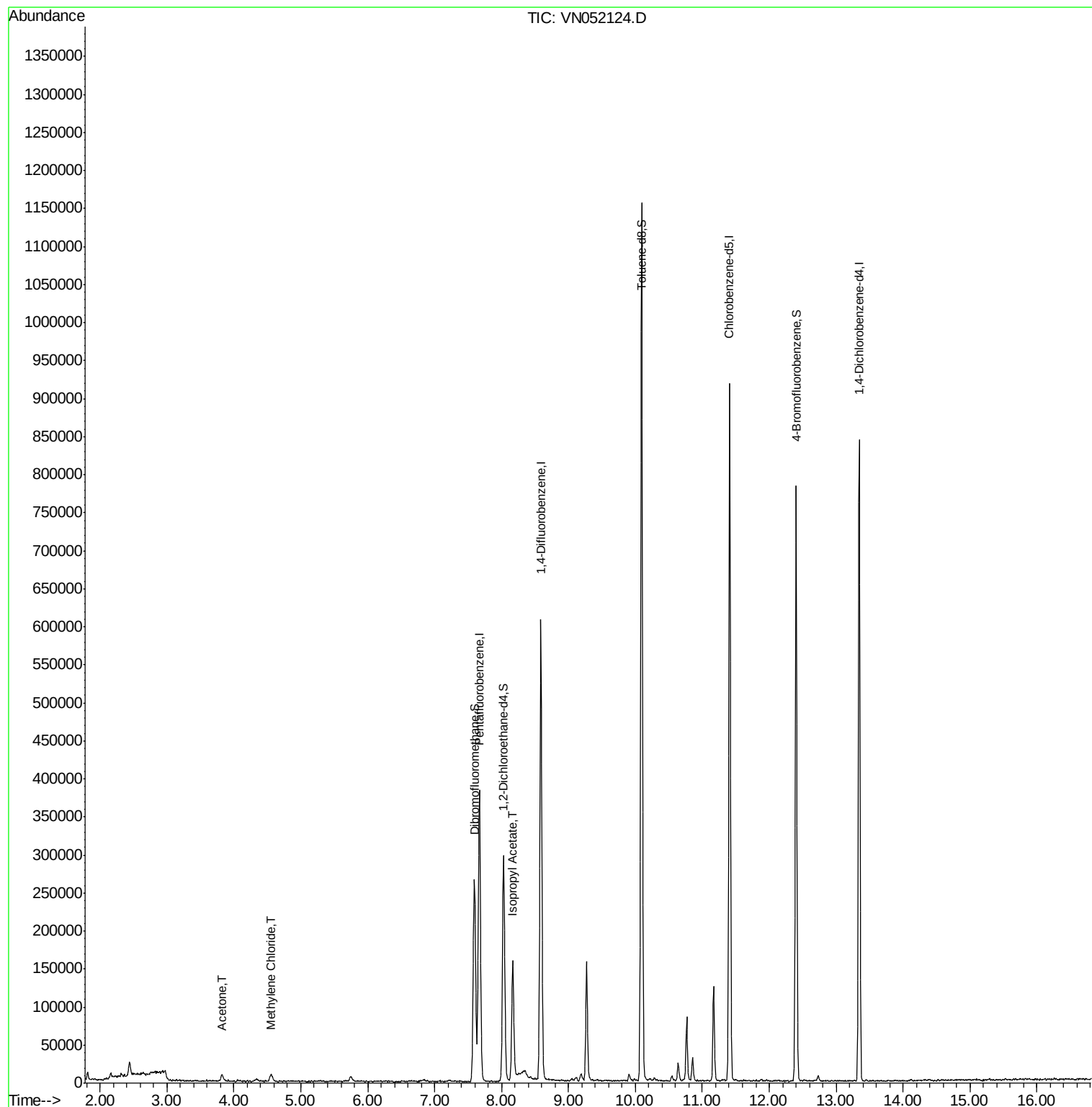
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	285882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	527405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	506330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	206735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	248151	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
35) Dibromofluoromethane	7.60	113	199878	60.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.16%	
50) Toluene-d8	10.09	98	794720	60.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.52%	
62) 4-Bromofluorobenzene	12.40	95	269167	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.20%	
Target Compounds						
16) Acetone	3.82	43	14556	14.865	ug/l #	82
20) Methylene Chloride	4.55	84	6207	1.664	ug/l	84
43) Isopropyl Acetate	8.17	43	195850	30.678	ug/l	98

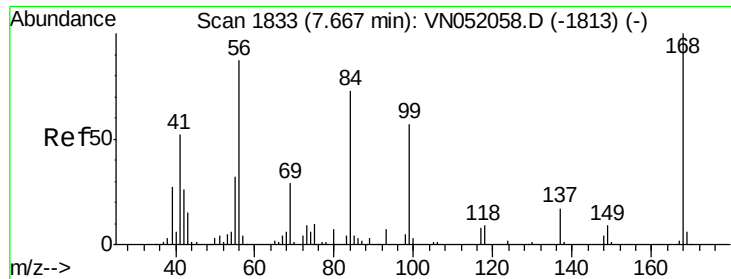
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 02:45:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052124.D

Acq: 2 Nov 2018 13:01

Instrument :

MSVOA_N

ClientSampleId :

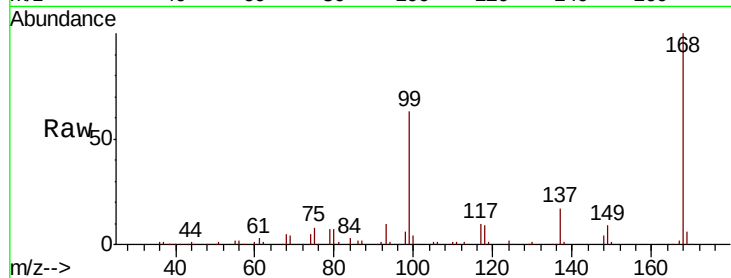
PB114370ZHE#13

Tot Ion:168 Resp: 285882

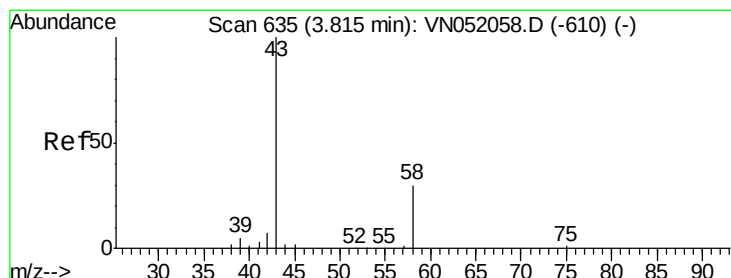
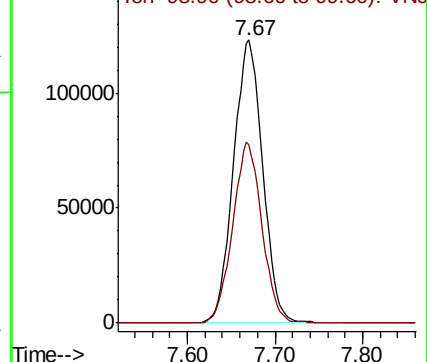
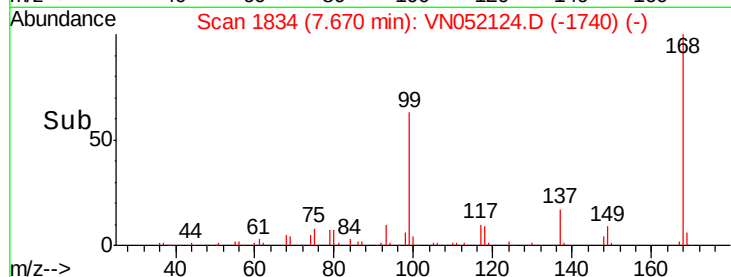
Ion Ratio Lower Upper

168 100

99 62.9 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): VN052124.D (-1740) (-)



#16

Acetone

Concen: 14.865 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052124.D

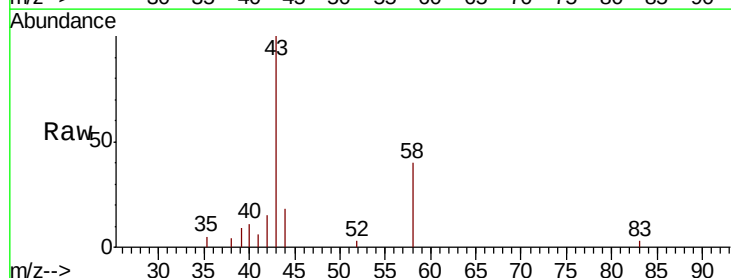
Acq: 2 Nov 2018 13:01

Tgt Ion: 43 Resp: 14556

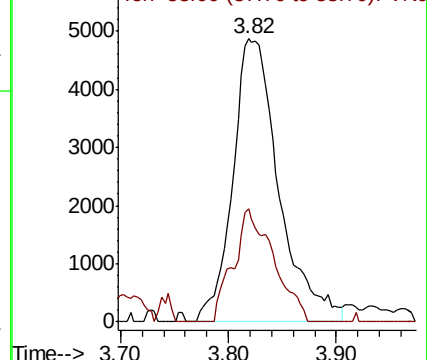
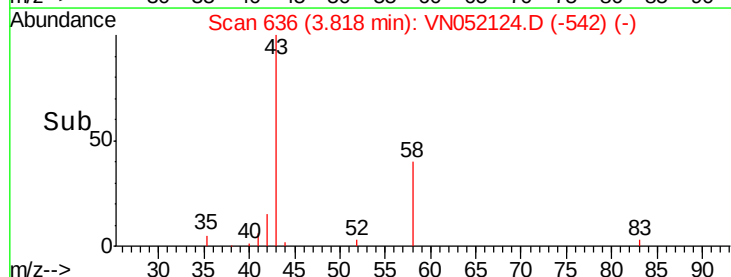
Ion Ratio Lower Upper

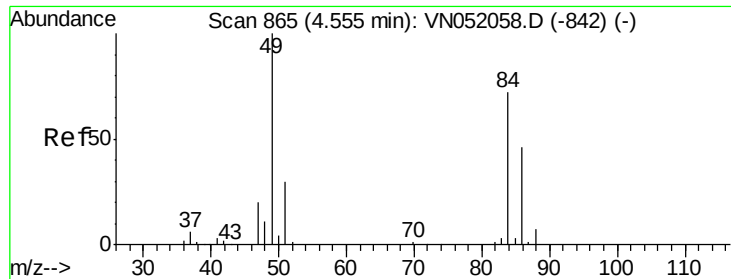
43 100

58 39.8 24.2 36.2#



Abundance Ion 43.00 (42.70 to 43.70): VN052124.D (-542) (-)

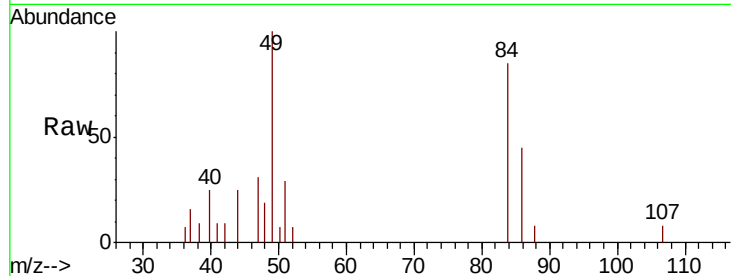




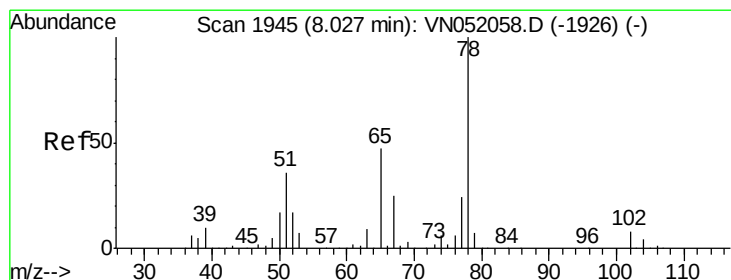
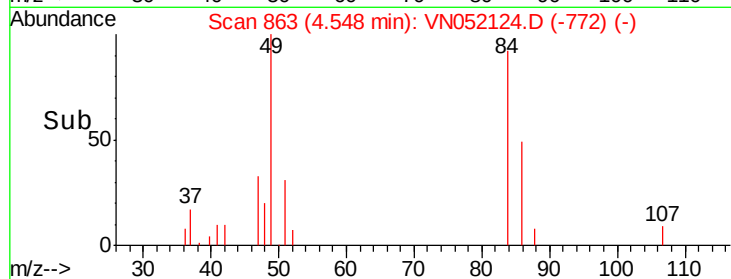
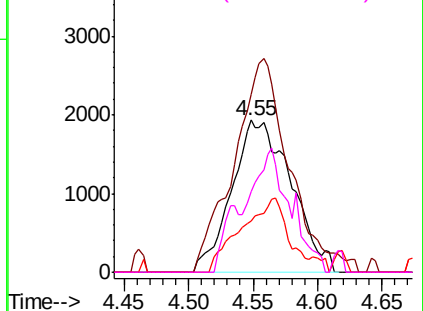
#20
Methylene Chloride
Concen: 1.664 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN052124.D
Acq: 2 Nov 2018 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#13

Tot Ion: 84 Resp: 6207
Ion Ratio Lower Upper
84 100
49 117.0 110.6 165.8
51 33.9 33.7 50.5
86 53.2 50.5 75.7

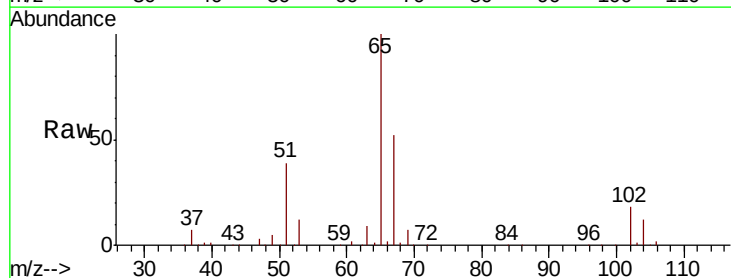


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

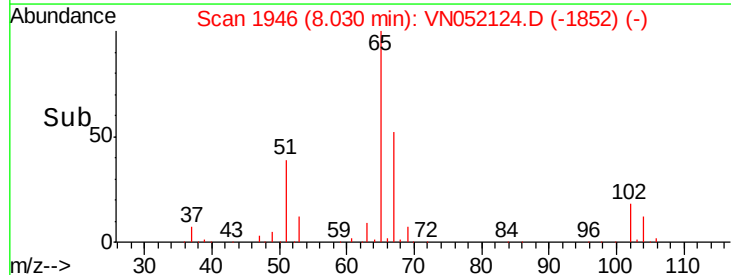
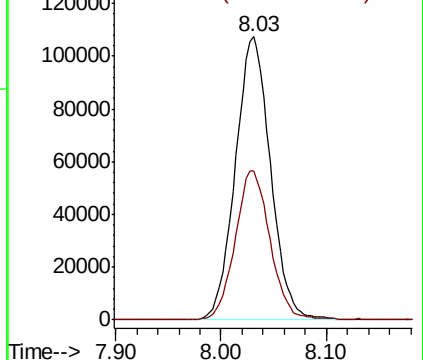


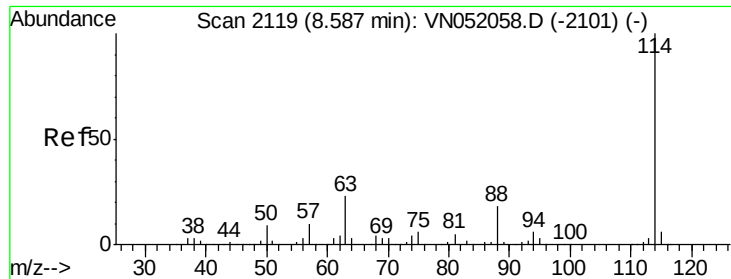
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052124.D
Acq: 2 Nov 2018 13:01

Tgt Ion: 65 Resp: 248151
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

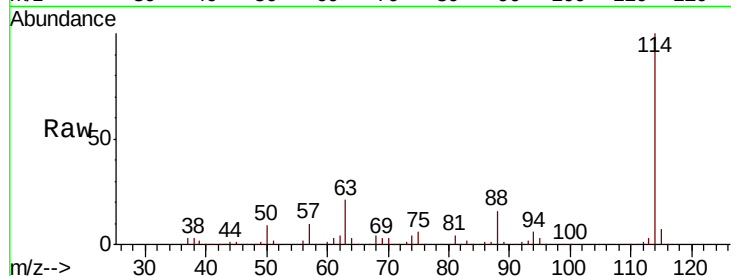




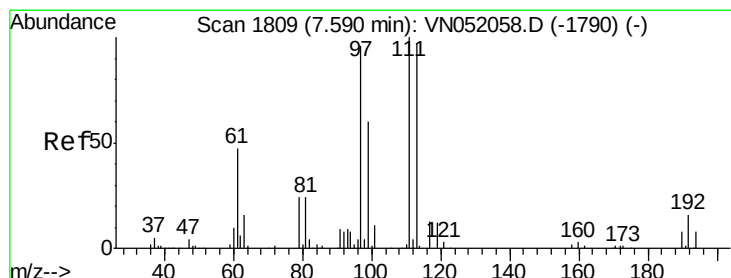
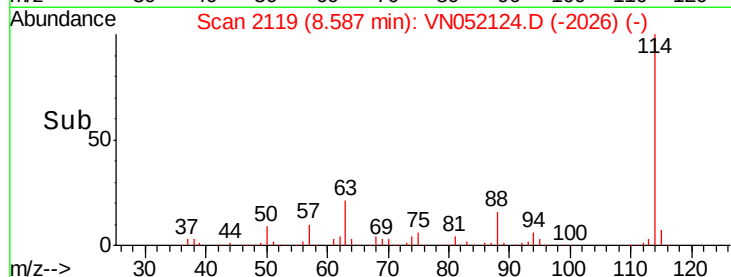
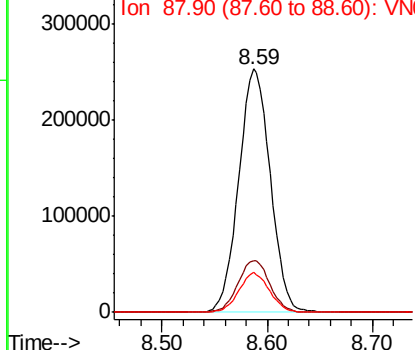
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052124.D
Acq: 2 Nov 2018 13:01

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#13

Tot Ion:114 Resp: 527405
Ion Ratio Lower Upper
114 100
63 21.1 0.0 46.0
88 16.3 0.0 35.4

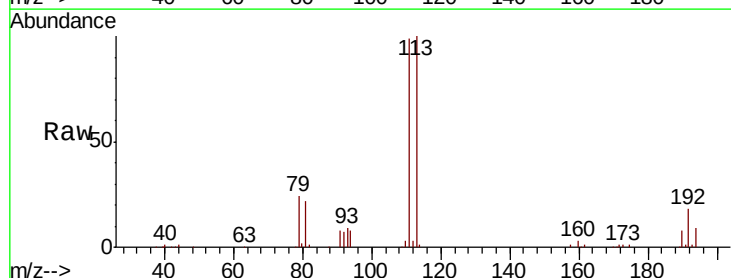


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

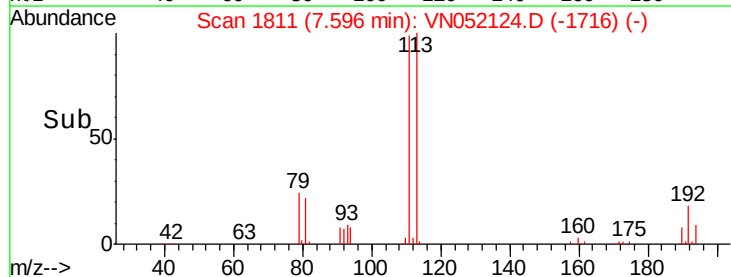
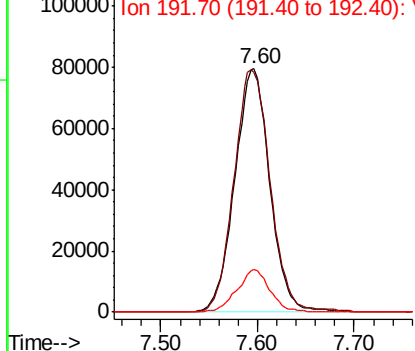


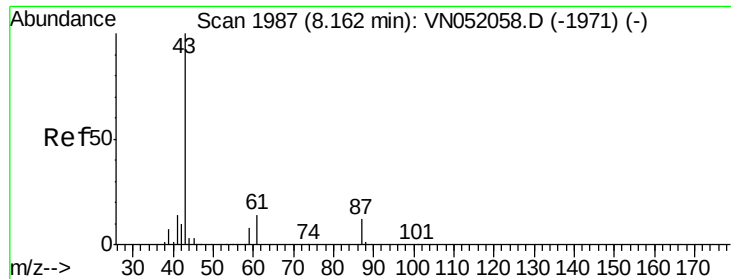
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.60 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VN052124.D
Acq: 2 Nov 2018 13:01

Tgt Ion:113 Resp: 199878
Ion Ratio Lower Upper
113 100
111 102.6 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: 30.678 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052124.D

Acq: 2 Nov 2018 13:01

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#13

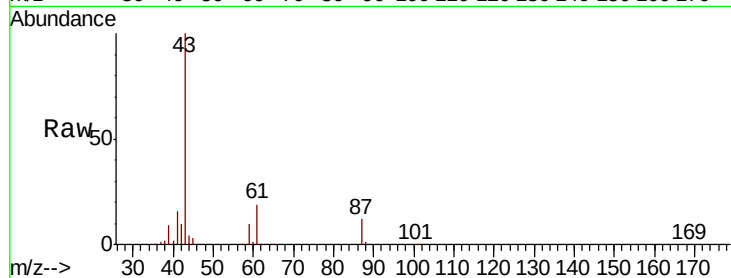
Tot Ion: 43 Resp: 195850

Ion Ratio Lower Upper

43 100

61 17.9 15.4 23.0

87 11.9 9.8 14.8

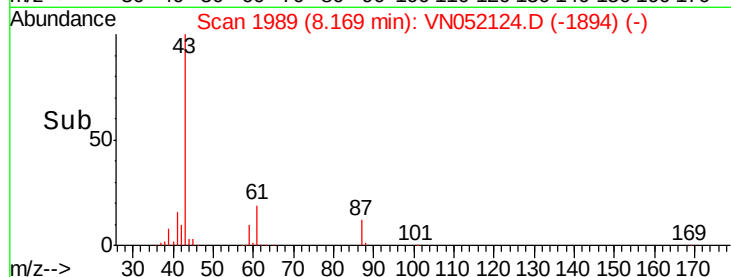


Abundance Ion 43.00 (42.70 to 43.70): VN052058.D (-1971) (-)

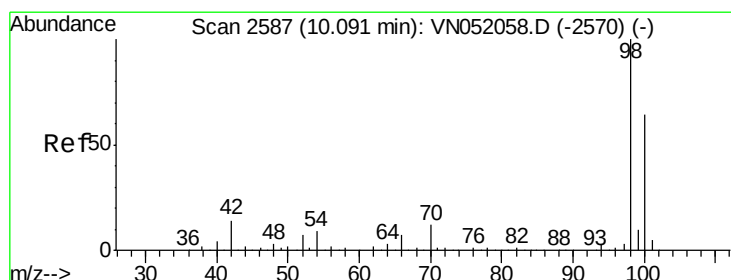
Ion 61.00 (60.70 to 61.70): VN052058.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN052058.D (-1971) (-)

8.17



Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052124.D

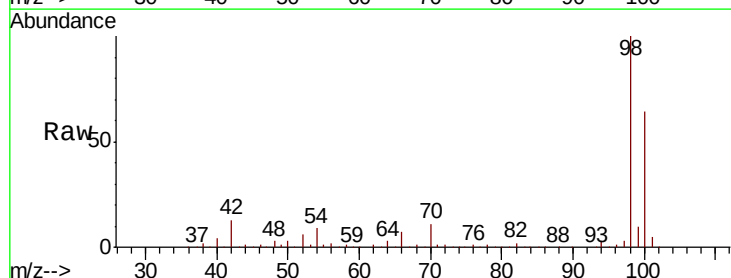
Acq: 2 Nov 2018 13:01

Tgt Ion: 98 Resp: 794720

Ion Ratio Lower Upper

98 100

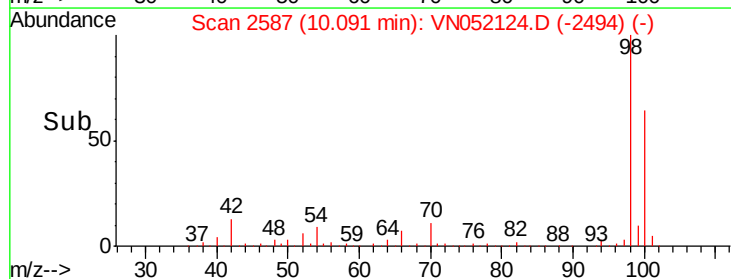
100 62.7 51.4 77.2



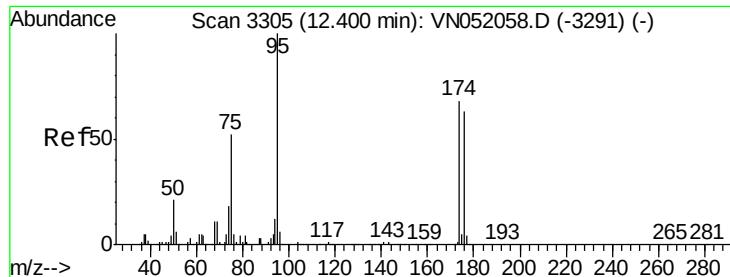
Abundance Ion 98.00 (97.70 to 98.70): VN052058.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052058.D (-2570) (-)

10.09



Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052124.D

Acq: 2 Nov 2018 13:01

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#13

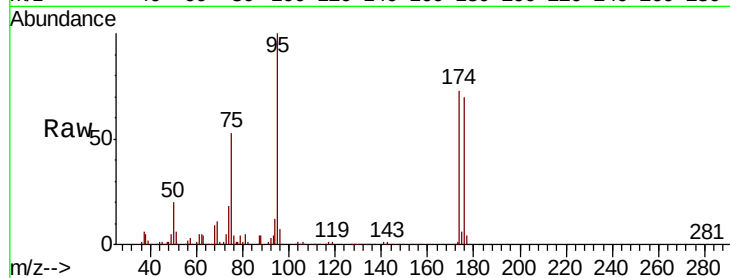
Tot Ion: 95 Resp: 269167

Ion Ratio Lower Upper

95 100

174 72.9 0.0 131.8

176 70.1 0.0 126.0



Abundance Ion 94.90 (94.60 to 95.60): VN052058.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052058.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052058.D (-3291) (-)

12.40

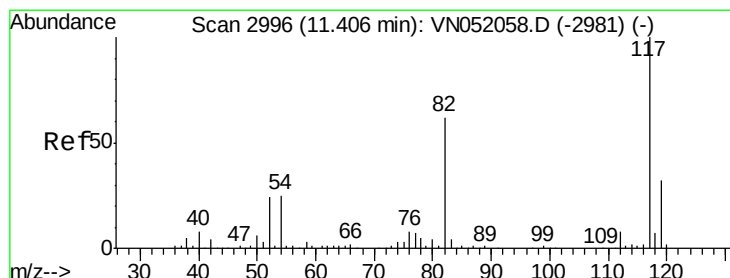
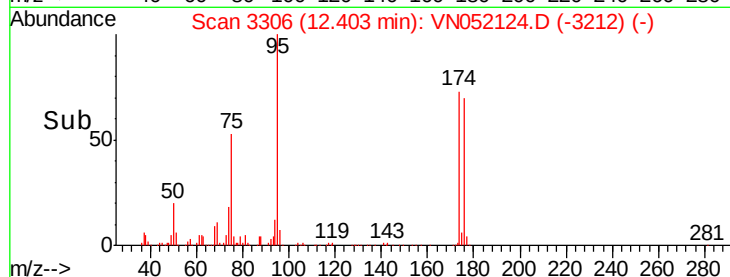
150000

100000

50000

0

Time--> 12.30 12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052124.D

Acq: 2 Nov 2018 13:01

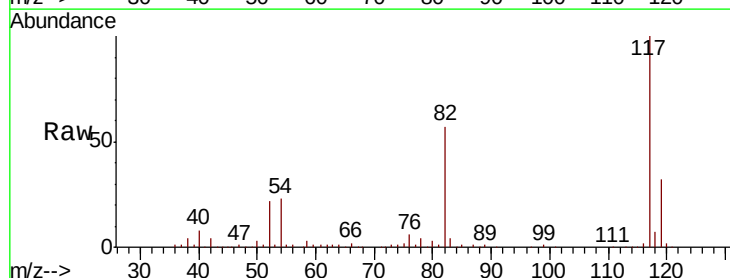
Tgt Ion: 117 Resp: 506330

Ion Ratio Lower Upper

117 100

82 57.1 49.9 74.9

119 31.6 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VN052058.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN052058.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052058.D (-2981) (-)

11.41

400000

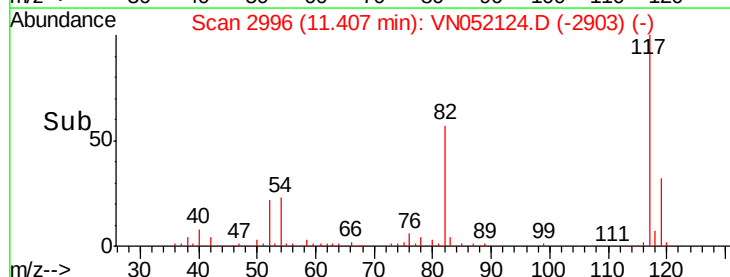
300000

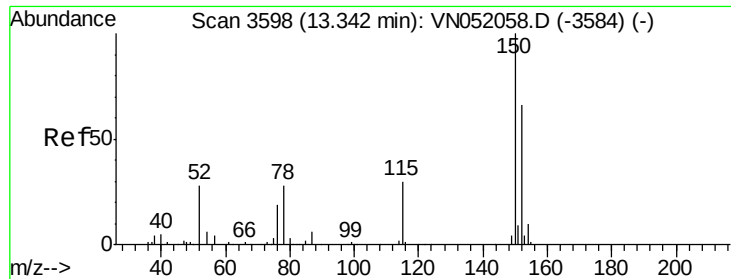
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052124.D

Acq: 2 Nov 2018 13:01

Instrument :

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ClientSampleId :

PB114370ZHE#13

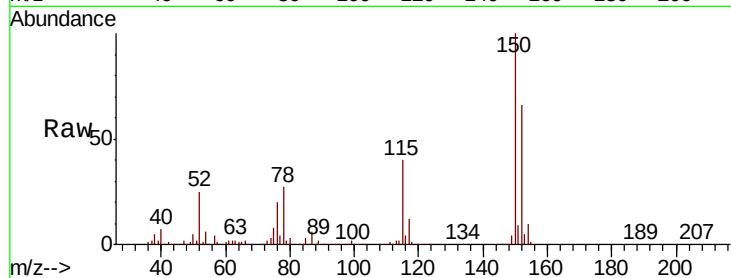
Tot Ion:152 Resp: 206735

Ion Ratio Lower Upper

152 100

115 62.2 31.6 95.0

150 156.1 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

