

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110218\
 Data File : VN052128.D
 Acq On : 2 Nov 2018 14:49
 Operator : MD\SY
 Sample : PB114370ZHE#17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114370ZHE#17

Quant Time: Nov 02 23:18:46 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

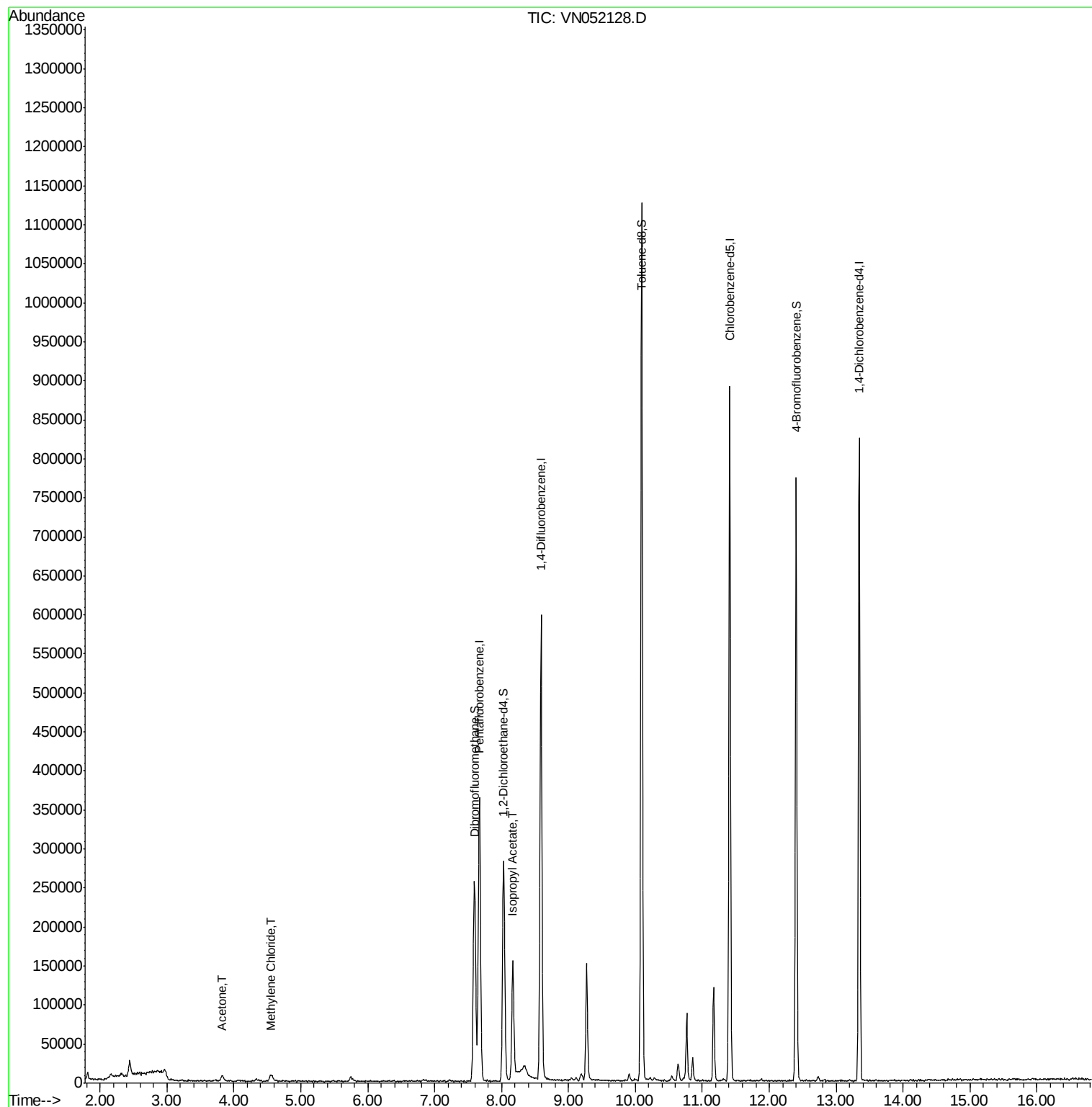
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	273661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	512442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	496713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	203129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	239596	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.12%	
35) Dibromofluoromethane	7.60	113	198248	61.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.68%	
50) Toluene-d8	10.09	98	769965	60.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.18%	
62) 4-Bromofluorobenzene	12.40	95	263038	55.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.84%	
Target Compounds						
16) Acetone	3.82	43	14471	15.438	ug/l	90
20) Methylene Chloride	4.56	84	5701	1.596	ug/l #	80
43) Isopropyl Acetate	8.17	43	192758	31.075	ug/l	96

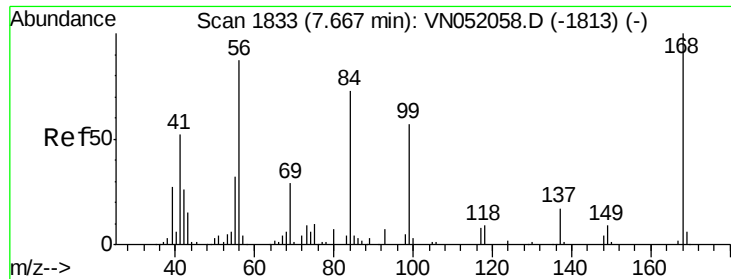
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052128.D

Acq: 2 Nov 2018 14:49

Instrument :

MSVOA_N

ClientSampleId :

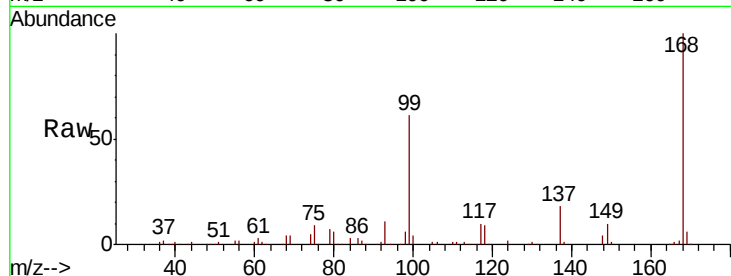
PB114370ZHE#17

Tot Ion:168 Resp: 273661

Ion Ratio Lower Upper

168 100

99 61.4 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): VN052128.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052128.D (-1740) (-)

7.67

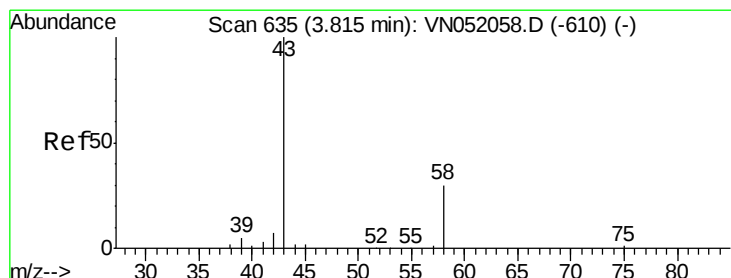
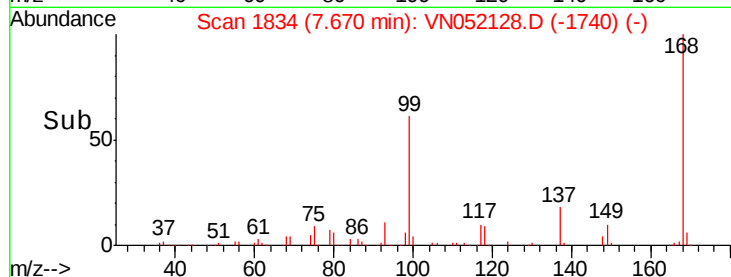
100000

50000

0

Time-->

7.60 7.70



#16

Acetone

Concen: 15.438 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052128.D

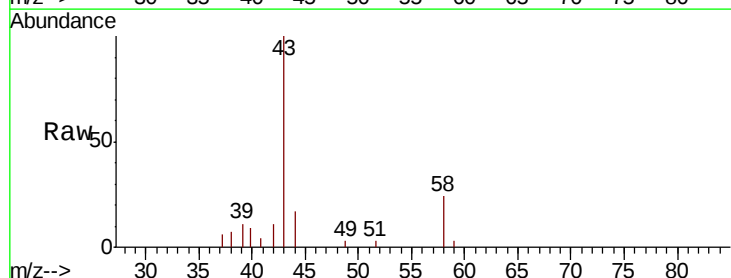
Acq: 2 Nov 2018 14:49

Tgt Ion: 43 Resp: 14471

Ion Ratio Lower Upper

43 100

58 24.6 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN052128.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052128.D (-542) (-)

3.82

5000

4000

3000

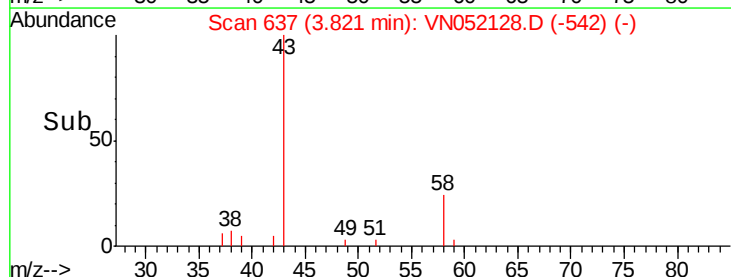
2000

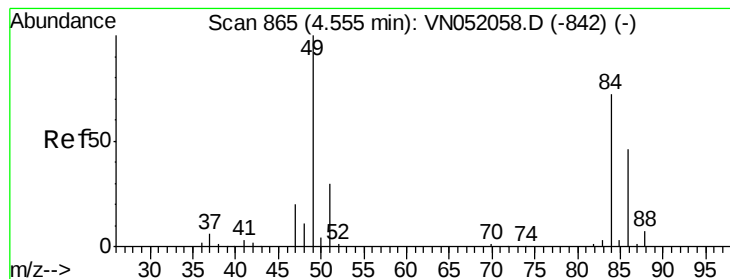
1000

0

Time-->

3.70 3.80 3.90





#20

Methvlene Chloride

Concen: 1.596 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052128.D

Acq: 2 Nov 2018 14:49

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#17

Tot Ion: 84 Resp: 5701

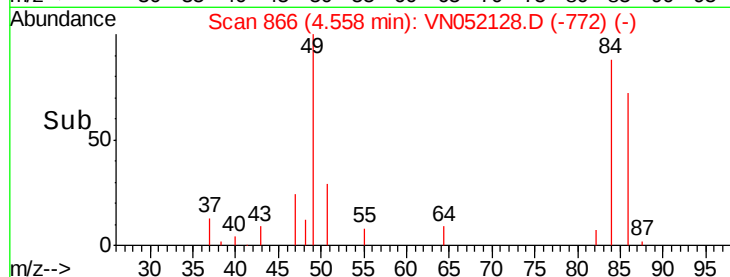
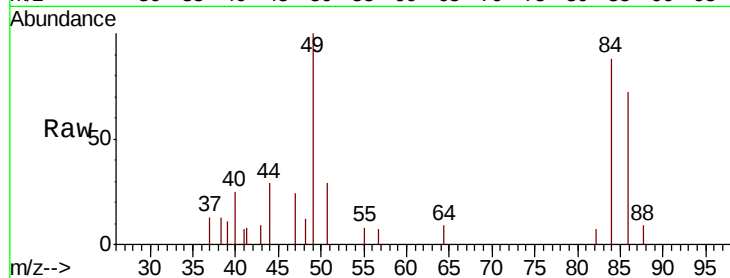
Ion Ratio Lower Upper

84 100

49 114.1 110.6 165.8

51 33.4 33.7 50.5#

86 82.3 50.5 75.7#

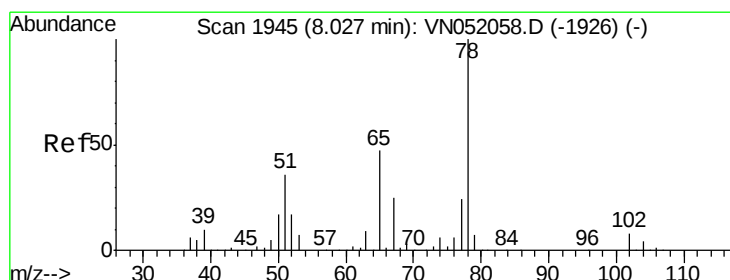
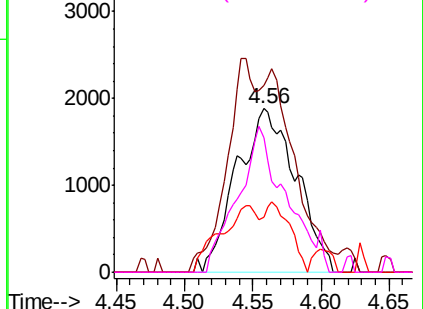


Abundance Ion 83.90 (83.60 to 84.60): VNO

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: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052128.D

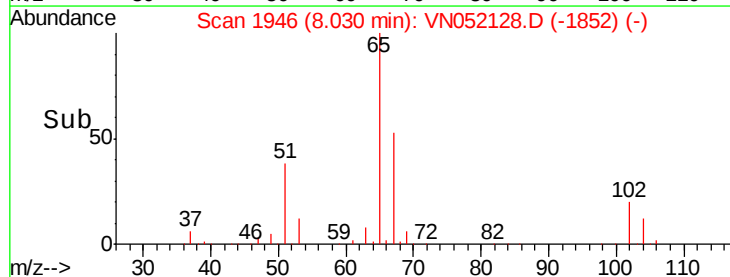
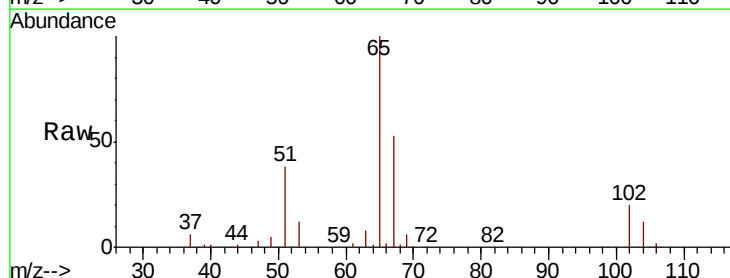
Acq: 2 Nov 2018 14:49

Tgt Ion: 65 Resp: 239596

Ion Ratio Lower Upper

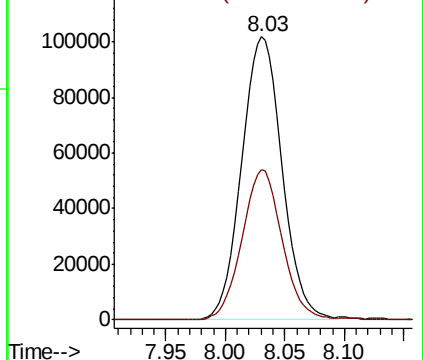
65 100

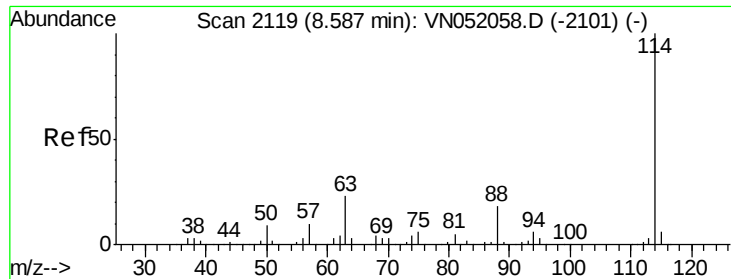
67 52.8 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

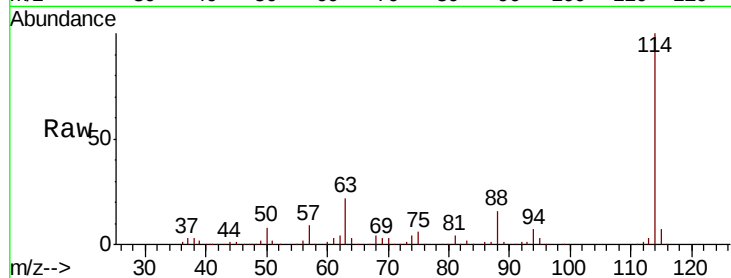




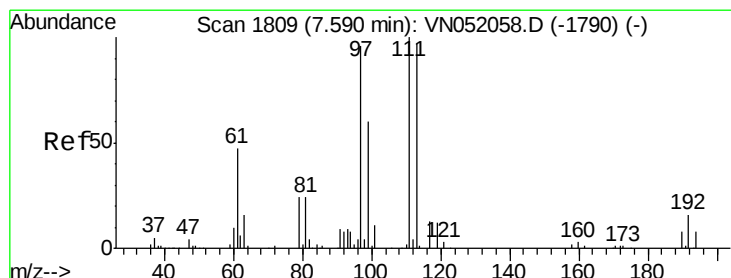
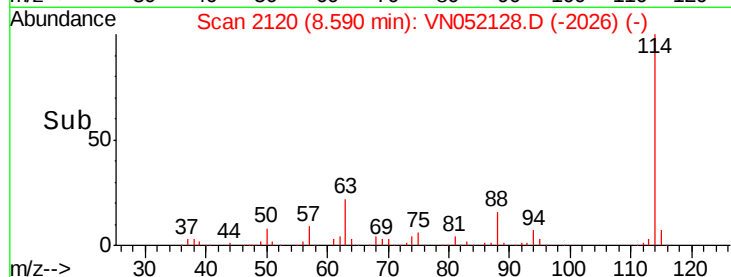
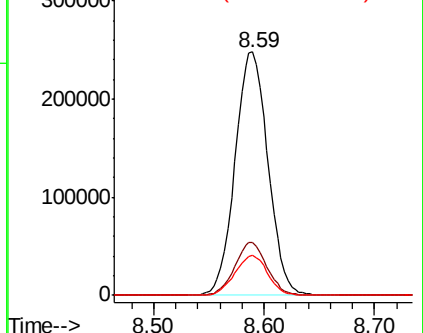
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN052128.D
 Acq: 2 Nov 2018 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114370ZHE#17

Tot Ion:114 Resp: 512442
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 46.0
 88 16.3 0.0 35.4

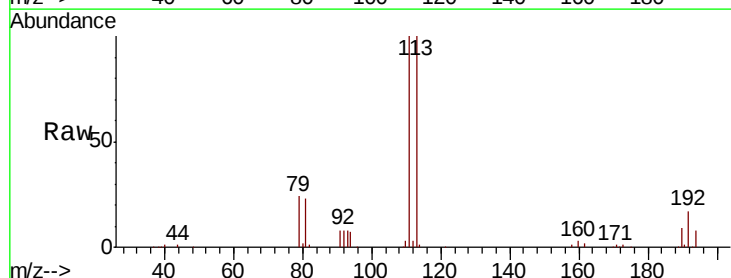


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

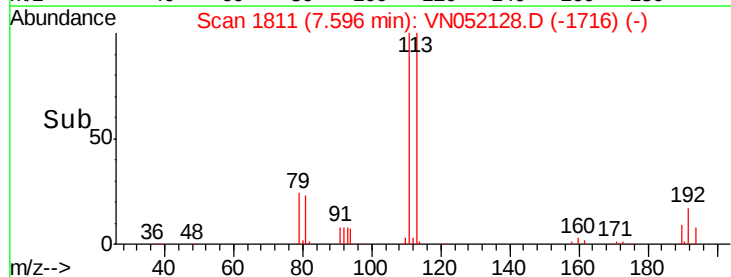
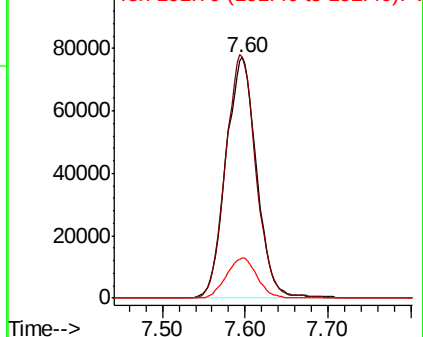


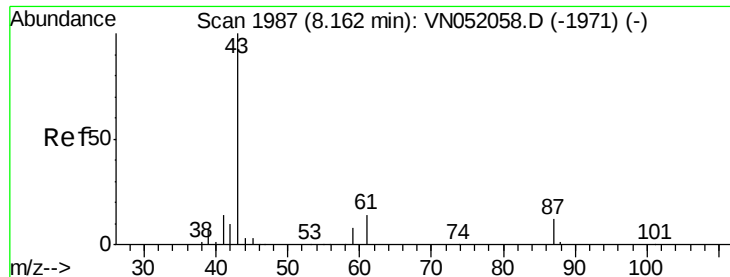
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.60 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VN052128.D
 Acq: 2 Nov 2018 14:49

Tgt Ion:113 Resp: 198248
 Ion Ratio Lower Upper
 113 100
 111 99.7 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: 31.075 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052128.D

Acq: 2 Nov 2018 14:49

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#17

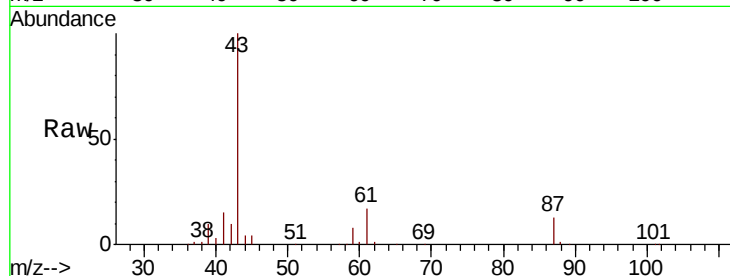
Tot Ion: 43 Resp: 192758

Ion Ratio Lower Upper

43 100

61 16.3 15.4 23.0

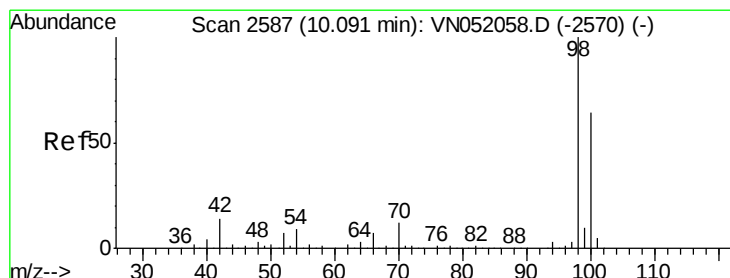
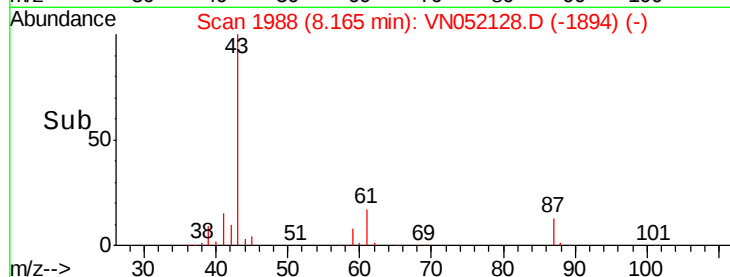
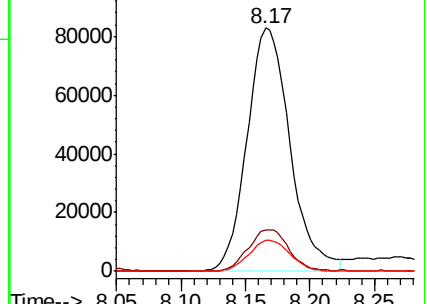
87 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN052128.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN052128.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN052128.D (-1971) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052128.D

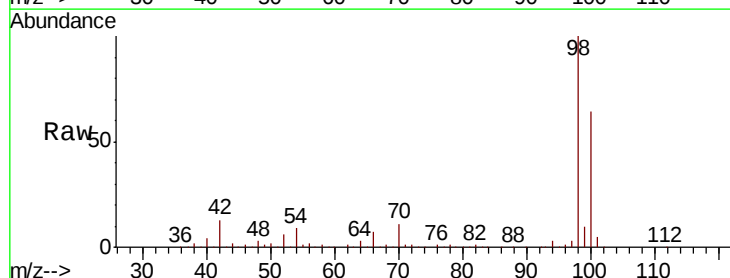
Acq: 2 Nov 2018 14:49

Tgt Ion: 98 Resp: 769965

Ion Ratio Lower Upper

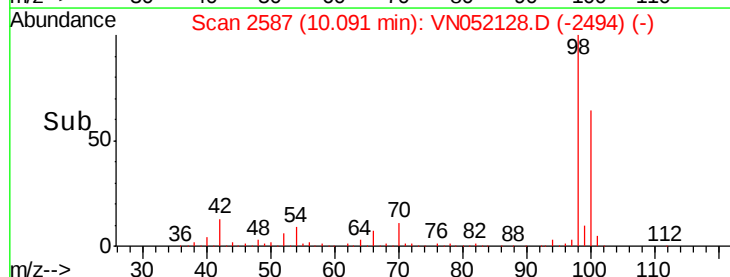
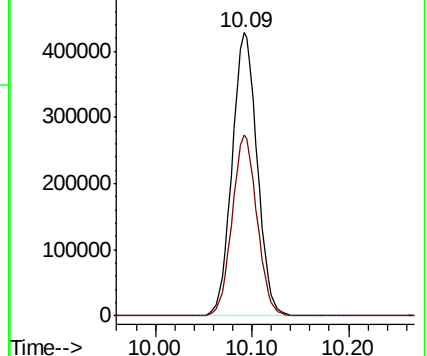
98 100

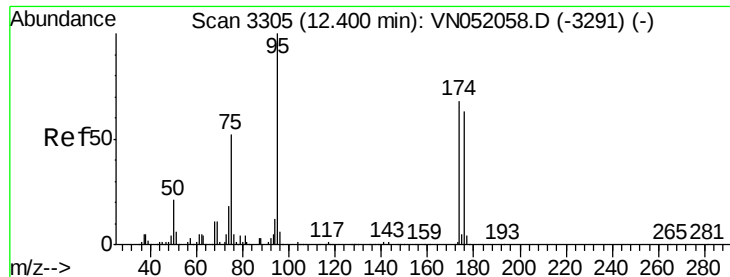
100 63.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN052128.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN052128.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052128.D

Acq: 2 Nov 2018 14:49

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#17

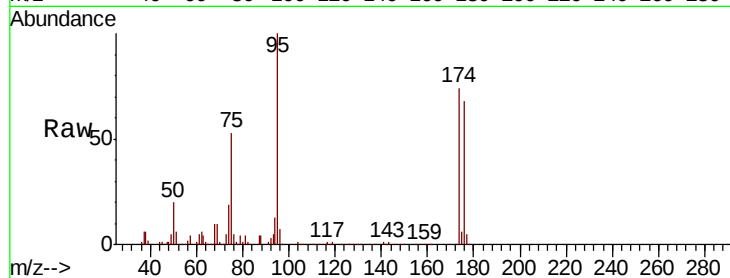
Tot Ion: 95 Resp: 263038

Ion Ratio Lower Upper

95 100

174 72.1 0.0 131.8

176 69.4 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

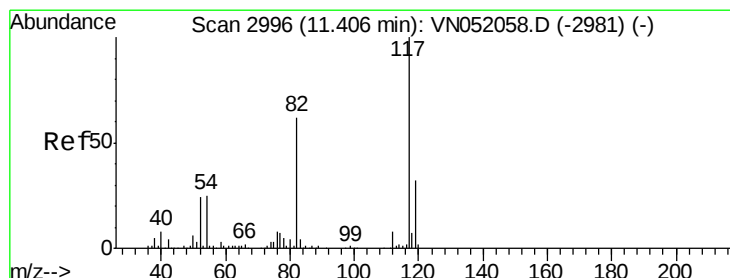
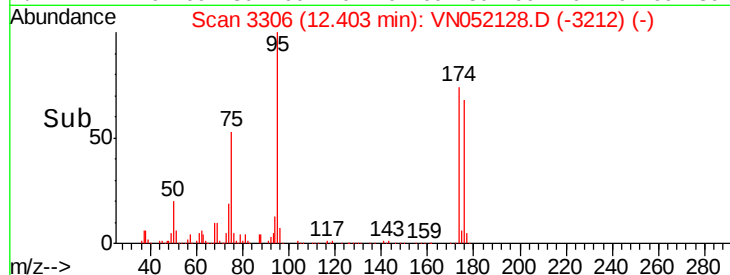
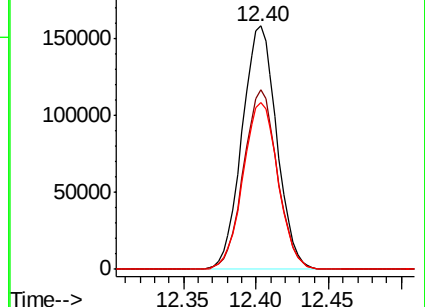
150000

100000

50000

0

12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052128.D

Acq: 2 Nov 2018 14:49

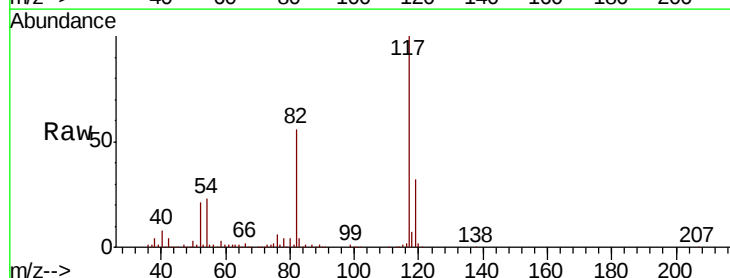
Tgt Ion: 117 Resp: 496713

Ion Ratio Lower Upper

117 100

82 56.4 49.9 74.9

119 31.8 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

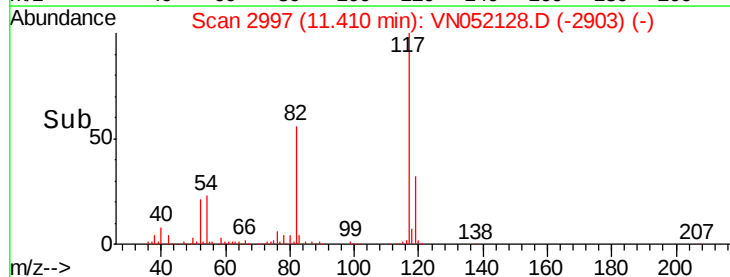
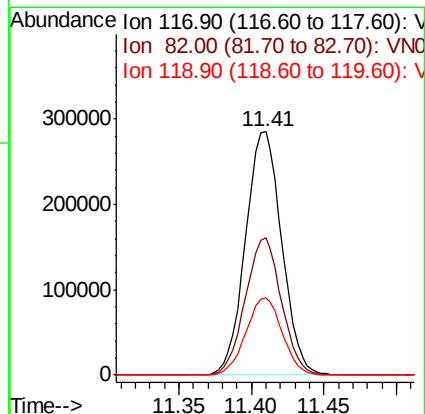
300000

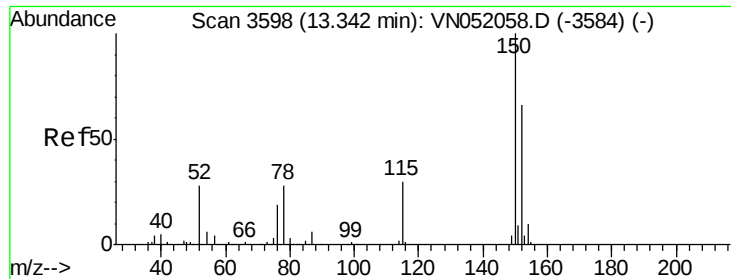
200000

100000

0

11.35 11.40 11.45





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052128.D

Acq: 2 Nov 2018 14:49

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#17

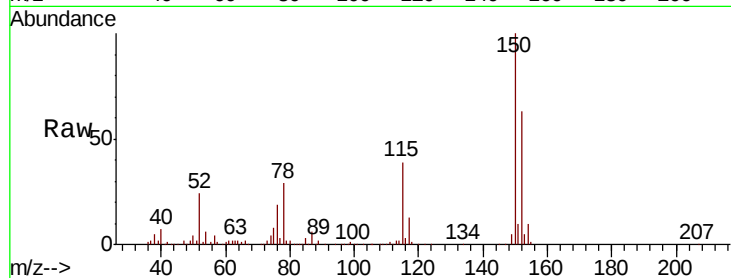
Tot Ion:152 Resp: 203129

Ion Ratio Lower Upper

152 100

115 62.9 31.6 95.0

150 156.7 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

