

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110218\
 Data File : VN052129.D
 Acq On : 2 Nov 2018 15:16
 Operator : MD\SY
 Sample : PB114370ZHE#18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114370ZHE#18

Quant Time: Nov 02 23:21:04 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

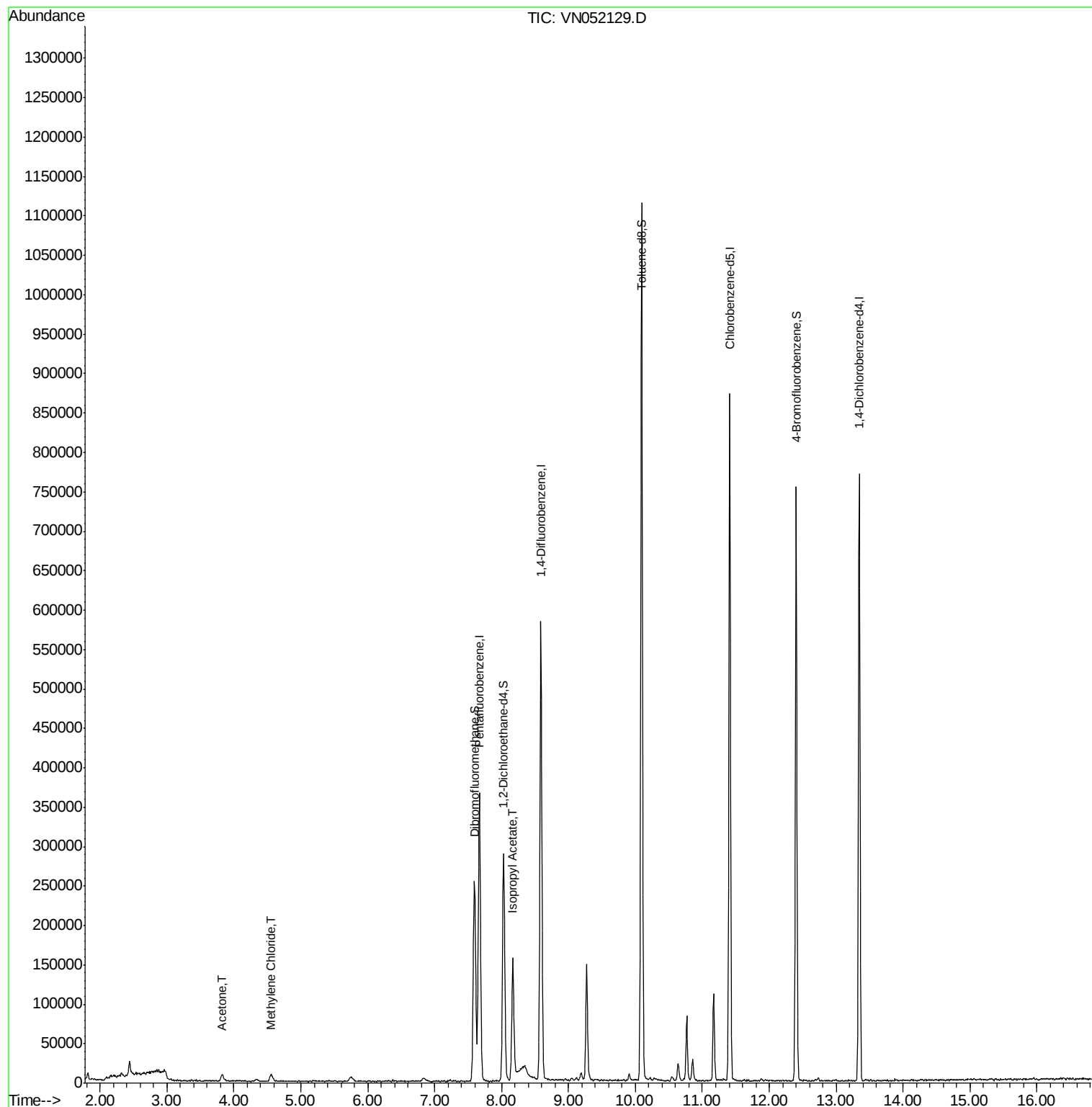
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	269561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	508011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	478822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	187301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	239354	55.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.66%	
35) Dibromofluoromethane	7.60	113	193398	60.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.70%	
50) Toluene-d8	10.09	98	762005	59.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.98%	
62) 4-Bromofluorobenzene	12.40	95	255630	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
Target Compounds						
16) Acetone	3.82	43	13771	14.915	ug/l #	88
20) Methylene Chloride	4.56	84	5615	1.596	ug/l	94
43) Isopropyl Acetate	8.17	43	189711	30.850	ug/l	98

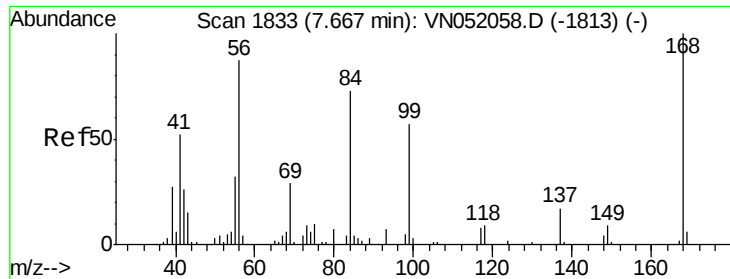
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110218\
Data File : VN052129.D
Acq On : 2 Nov 2018 15:16
Operator : MD\SY
Sample : PB114370ZHE#18
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB114370ZHE#18

Quant Time: Nov 02 23:21:04 2018
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: VN052129.D

Acq: 2 Nov 2018 15:16

Instrument :

MSVOA_N

ClientSampleId :

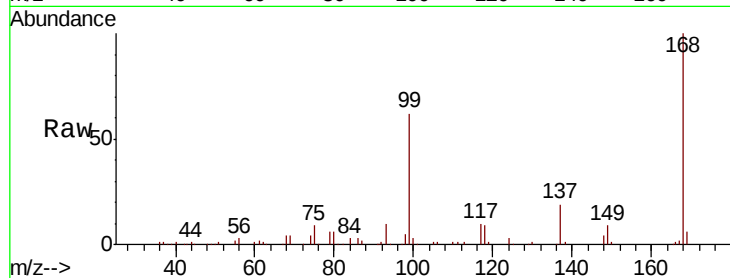
PB114370ZHE#18

Tot Ion:168 Resp: 269561

Ion Ratio Lower Upper

168 100

99 62.5 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

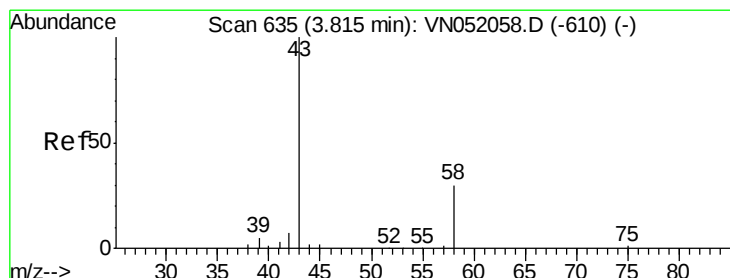
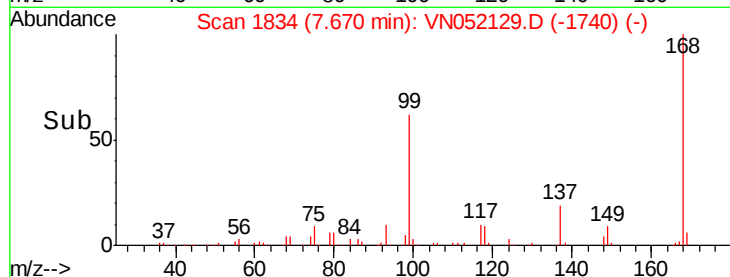
7.67

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 14.915 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052129.D

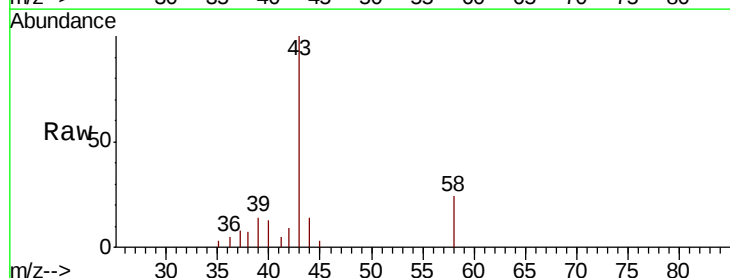
Acq: 2 Nov 2018 15:16

Tgt Ion: 43 Resp: 13771

Ion Ratio Lower Upper

43 100

58 23.7 24.2 36.2#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

6000

5000

4000

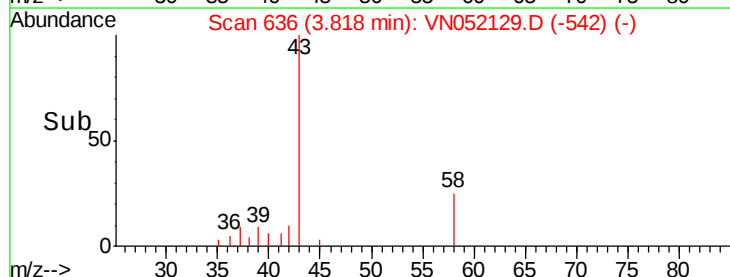
3000

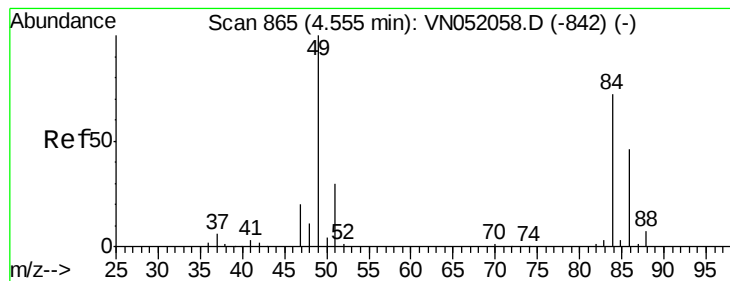
2000

1000

0

Time--> 3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 1.596 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052129.D

Acq: 2 Nov 2018 15:16

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#18

Tot Ion: 84 Resp: 5615

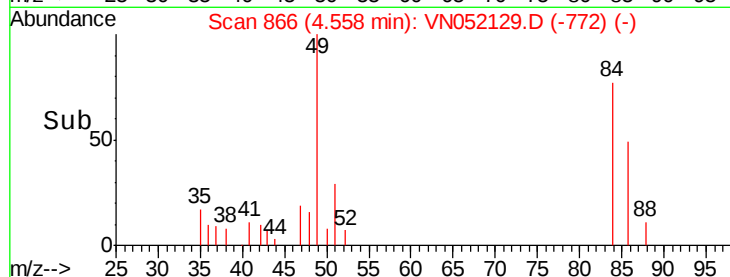
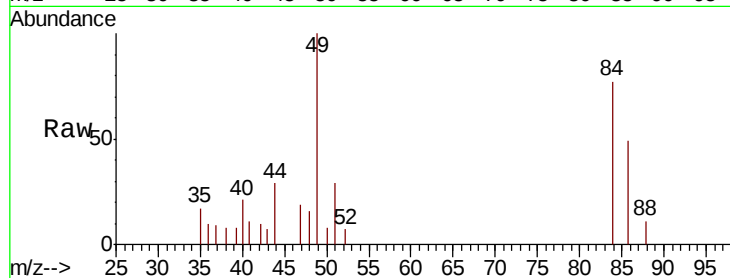
Ion Ratio Lower Upper

84 100

49 129.3 110.6 165.8

51 37.3 33.7 50.5

86 63.9 50.5 75.7



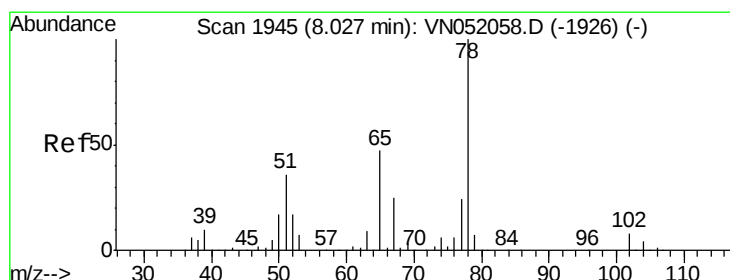
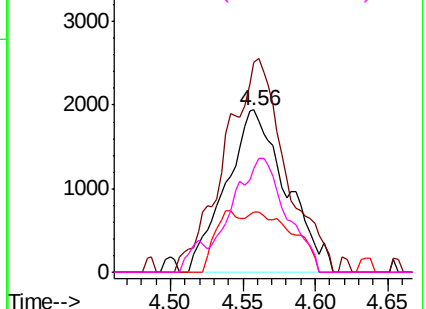
Abundance

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: VN052129.D

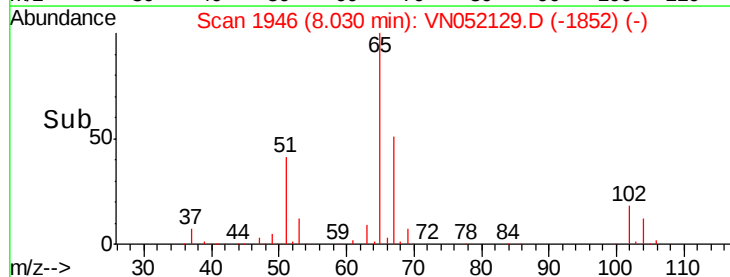
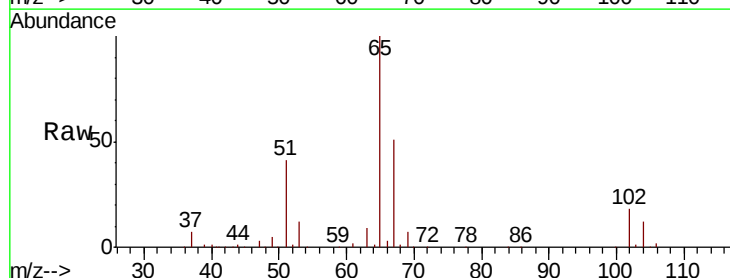
Acq: 2 Nov 2018 15:16

Tgt Ion: 65 Resp: 239354

Ion Ratio Lower Upper

65 100

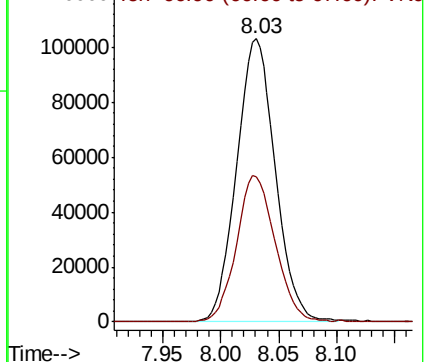
67 51.7 0.0 105.2

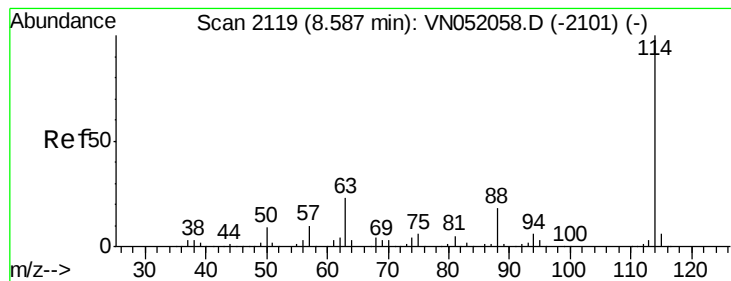


Abundance

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# 2119

Delta R.T. -0.00 min

Lab File: VN052129.D

Acq: 2 Nov 2018 15:16

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#18

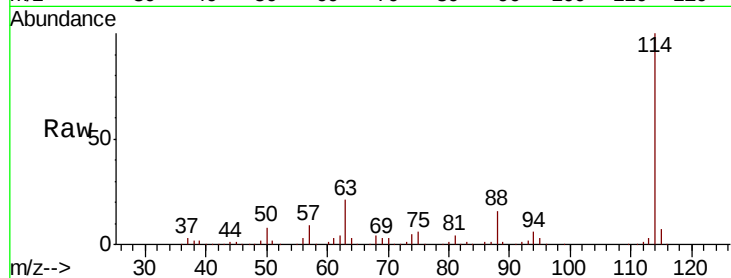
Tot Ion:114 Resp: 508011

Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.0

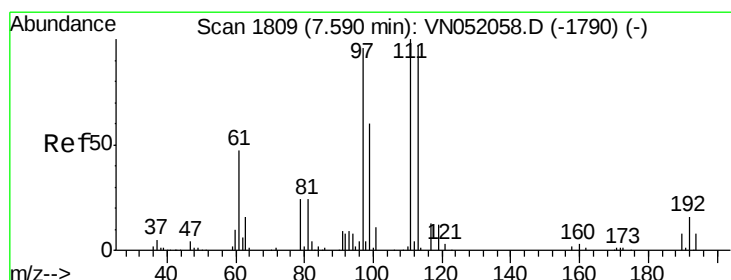
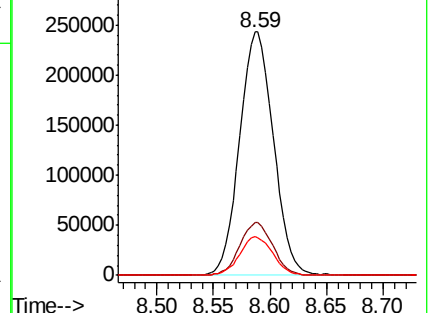
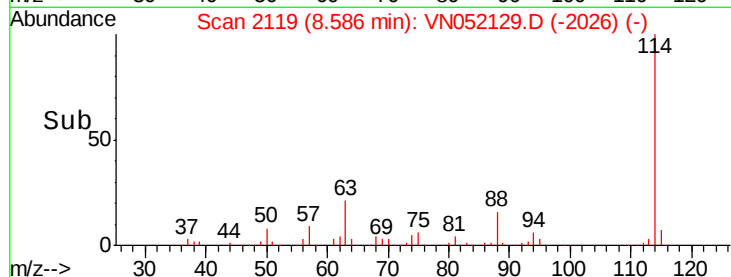
88 16.2 0.0 35.4



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: VN052129.D

Acq: 2 Nov 2018 15:16

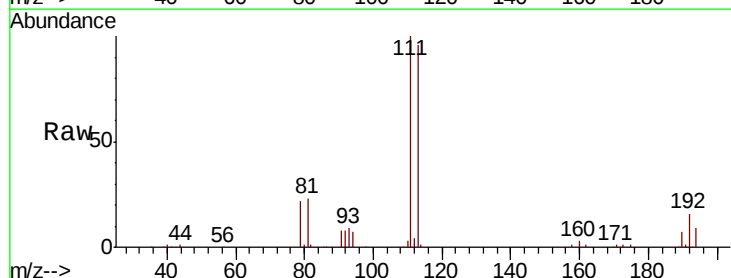
Tgt Ion:113 Resp: 193398

Ion Ratio Lower Upper

113 100

111 101.9 83.1 124.7

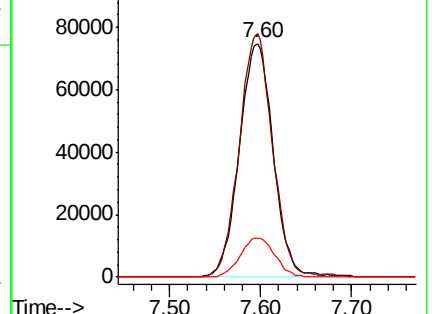
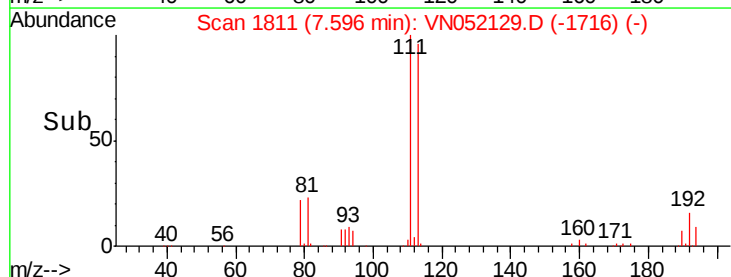
192 17.0 12.7 19.1

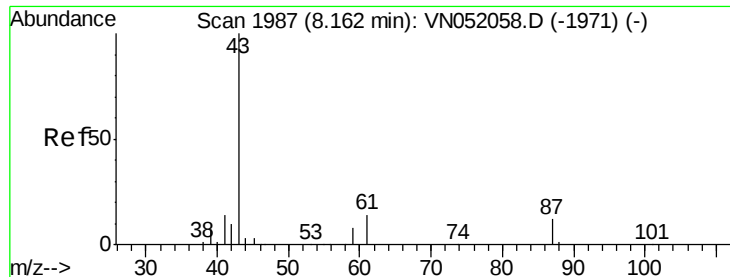


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



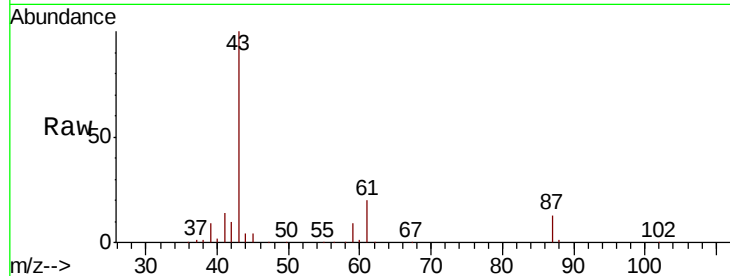


#43

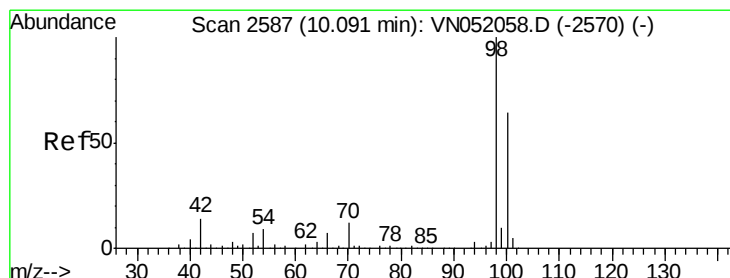
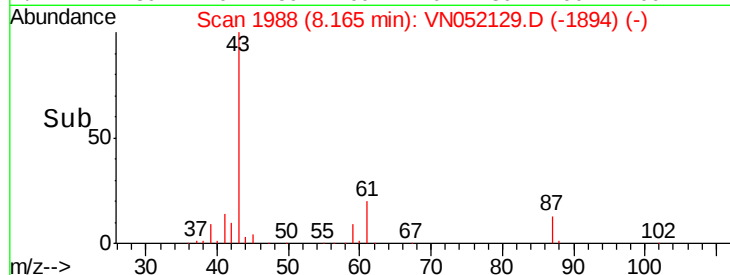
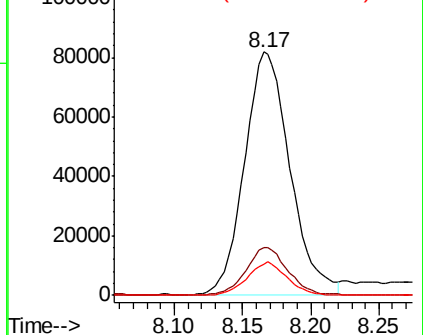
Isopropyl Acetate
 Concen: 30.850 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052129.D
 Acq: 2 Nov 2018 15:16

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114370ZHE#18

Tot Ion: 43 Resp: 189711
 Ion Ratio Lower Upper
 43 100
 61 18.1 15.4 23.0
 87 11.9 9.8 14.8



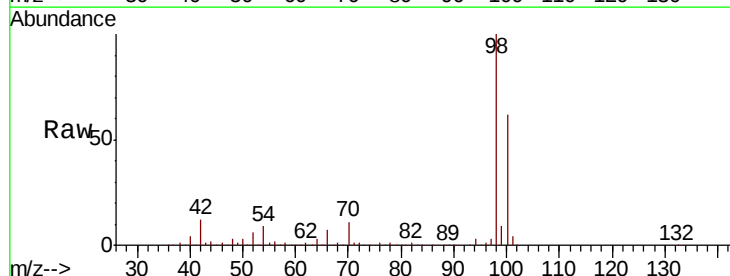
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



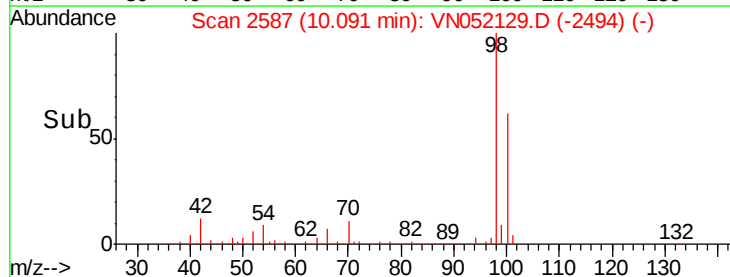
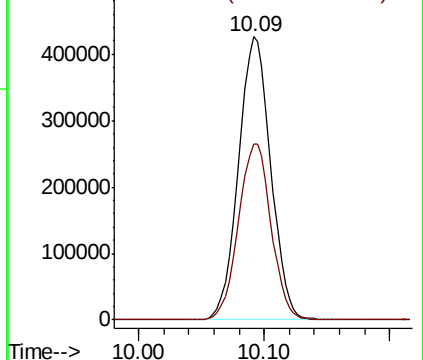
#50

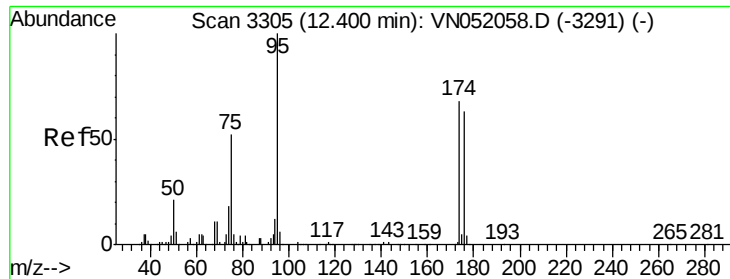
Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN052129.D
 Acq: 2 Nov 2018 15:16

Tgt Ion: 98 Resp: 762005
 Ion Ratio Lower Upper
 98 100
 100 62.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052129.D

Acq: 2 Nov 2018 15:16

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#18

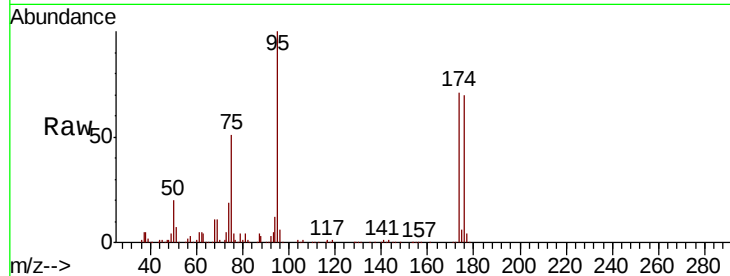
Tot Ion: 95 Resp: 255630

Ion Ratio Lower Upper

95 100

174 71.4 0.0 131.8

176 69.5 0.0 126.0



Abundance Ion 94.90 (94.60 to 95.60): VN052129.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052129.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052129.D (-3291) (-)

12.40

150000

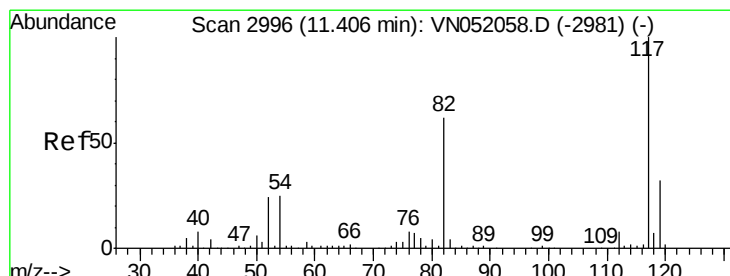
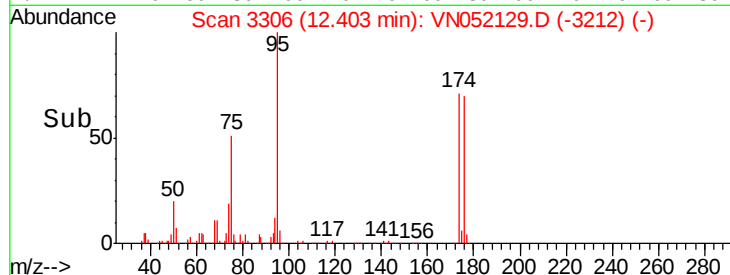
100000

50000

0

12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052129.D

Acq: 2 Nov 2018 15:16

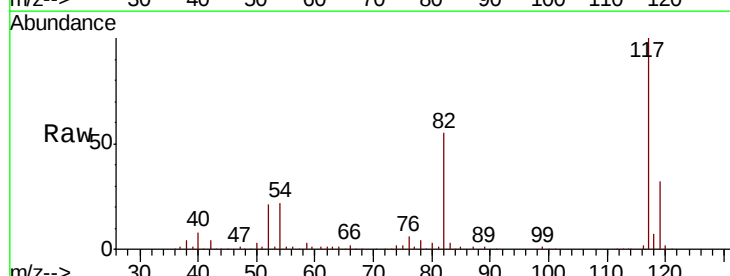
Tgt Ion: 117 Resp: 478822

Ion Ratio Lower Upper

117 100

82 54.7 49.9 74.9

119 31.9 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VN052129.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052129.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052129.D (-2903) (-)

11.41

300000

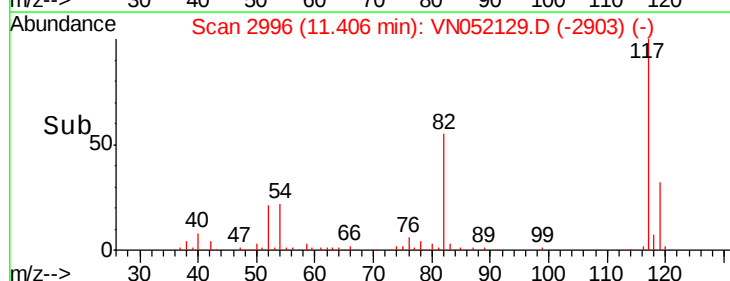
200000

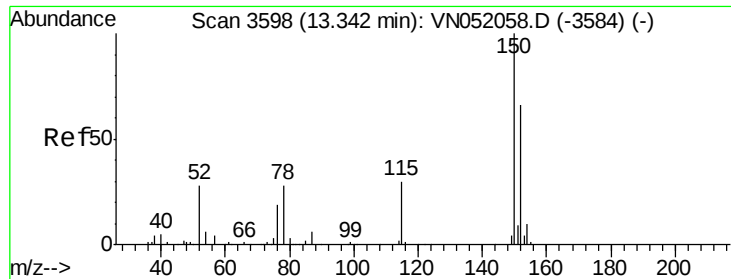
100000

0

11.30 11.40 11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052129.D

Acq: 2 Nov 2018 15:16

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#18

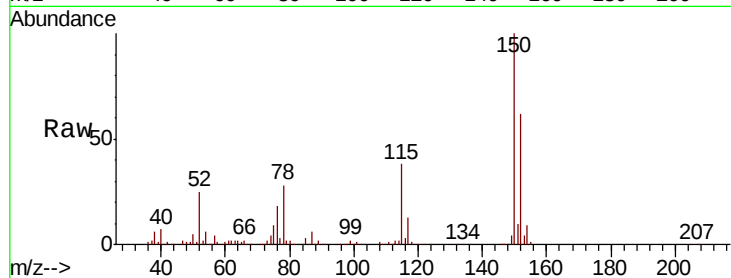
Tot Ion:152 Resp: 187301

Ion Ratio Lower Upper

152 100

115 63.3 31.6 95.0

150 160.0 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

