

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111218\
 Data File : VN052271.D
 Acq On : 12 Nov 2018 19:11
 Operator : MD\SY
 Sample : PB114678ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678ZHE#15

Quant Time: Nov 13 01:30:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

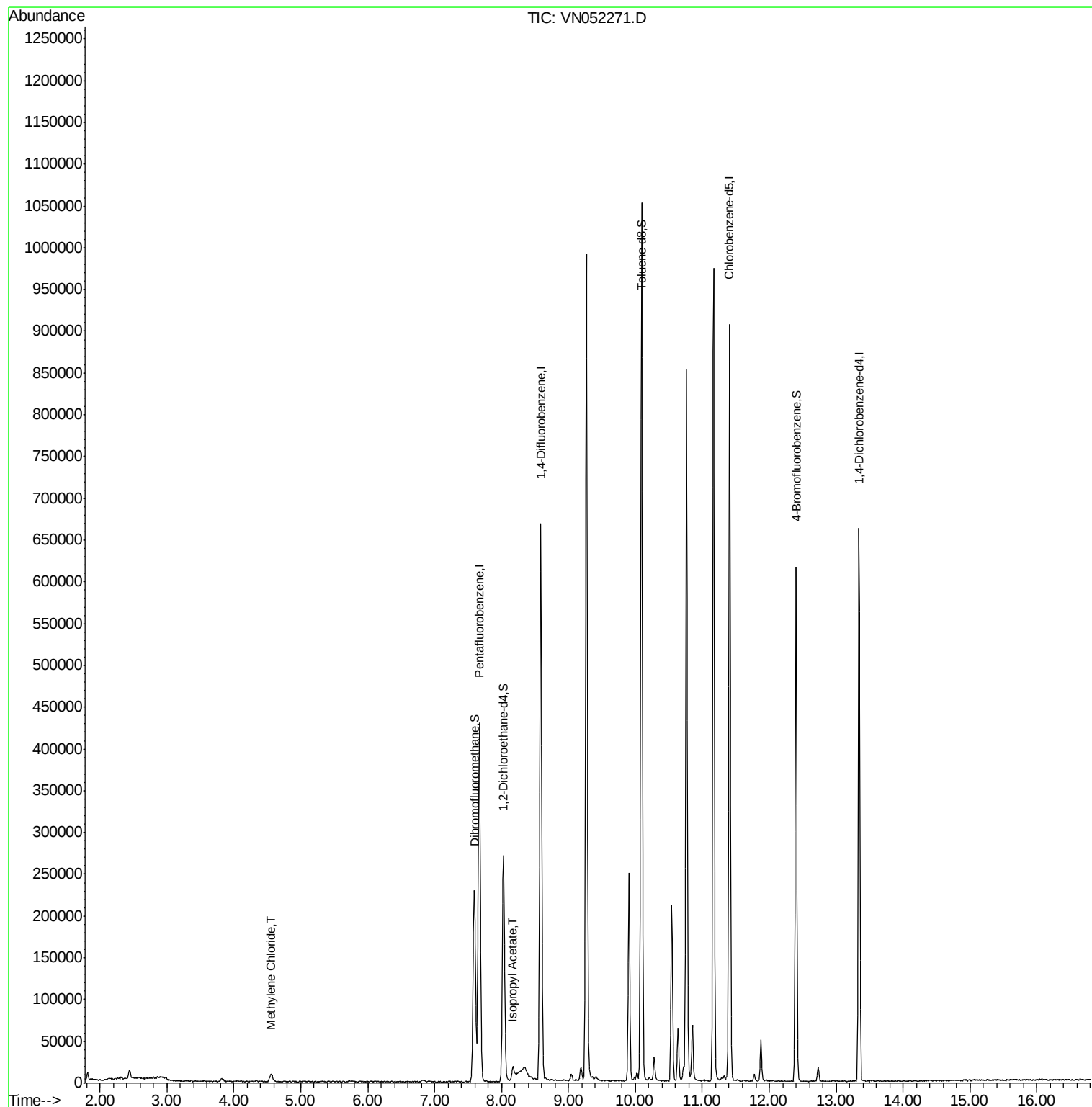
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	325507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	555643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	473936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	160710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	219984	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
35) Dibromofluoromethane	7.59	113	174418	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
50) Toluene-d8	10.09	98	689422	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	12.40	95	196773	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.40%	
Target Compounds						
20) Methylene Chloride	4.55	84	5721	1.410	ug/l #	86
43) Isopropyl Acetate	8.17	43	25164	3.422	ug/l #	88

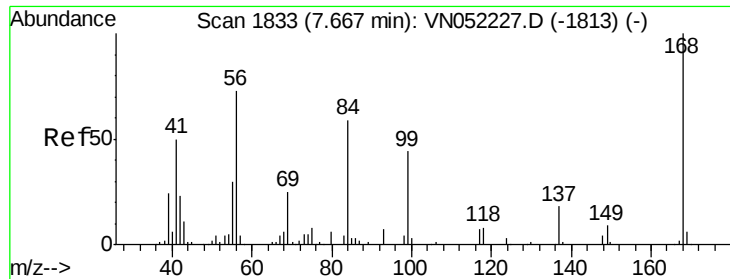
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052271.D

Acq: 12 Nov 2018 19:11

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ClientSampleId :

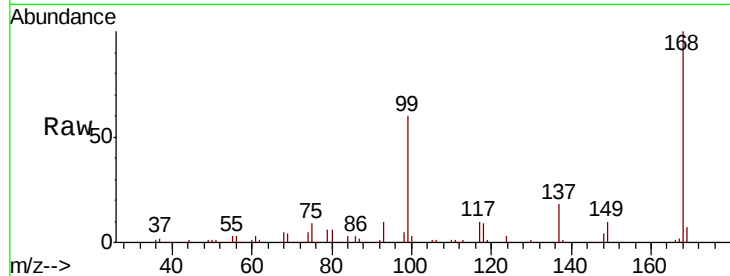
PB114678ZHE#15

Tot Ion:168 Resp: 325507

Ion Ratio Lower Upper

168 100

99 60.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

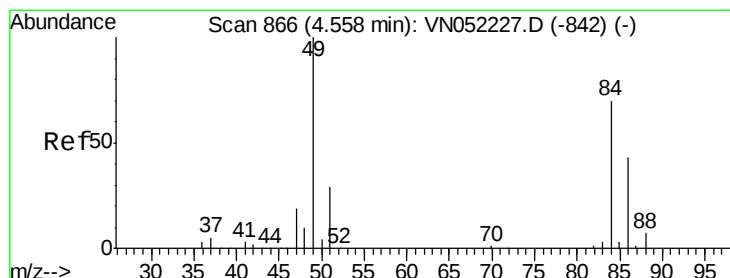
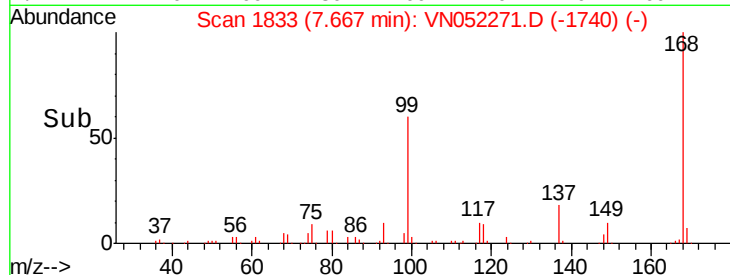
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.410 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052271.D

Acq: 12 Nov 2018 19:11

Tgt Ion: 84 Resp: 5721

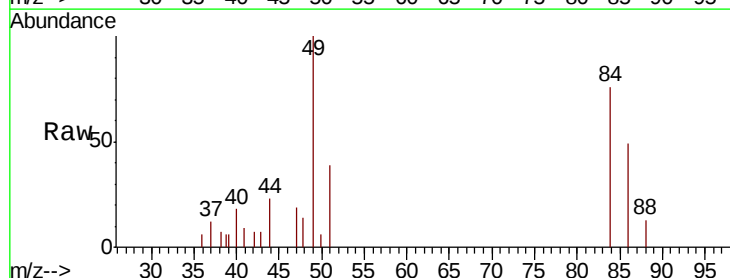
Ion Ratio Lower Upper

84 100

49 119.7 114.8 172.2

51 51.1 33.1 49.7#

86 63.7 49.7 74.5



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

4.55

4000

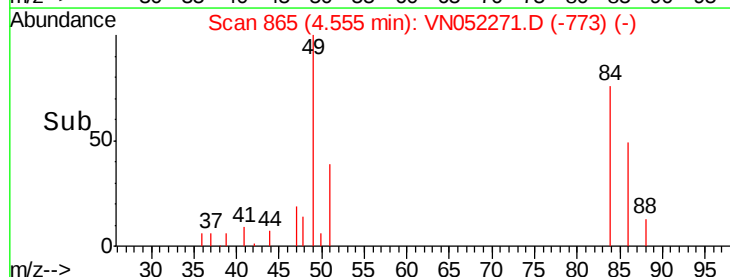
3000

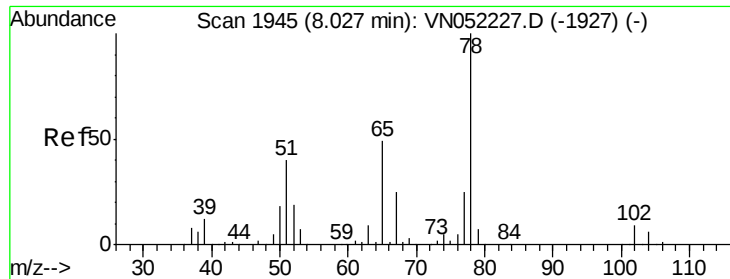
2000

1000

0

Time-->

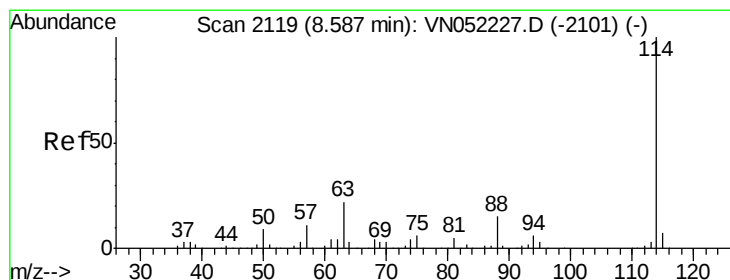
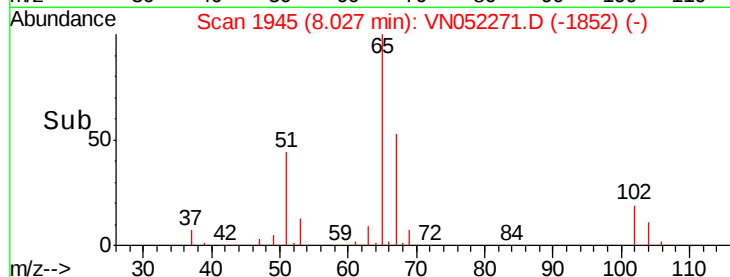
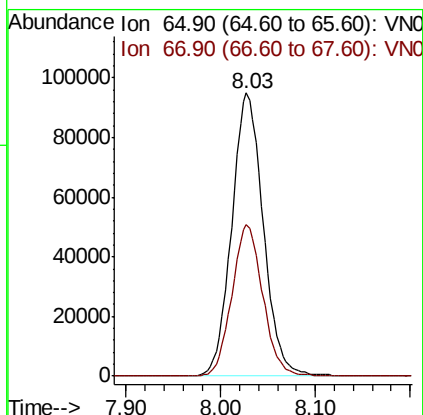
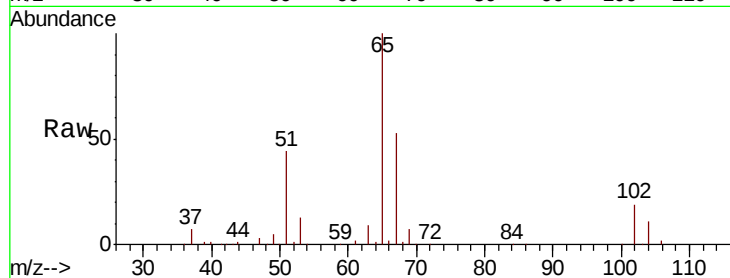




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052271.D
 Acq: 12 Nov 2018 19:11

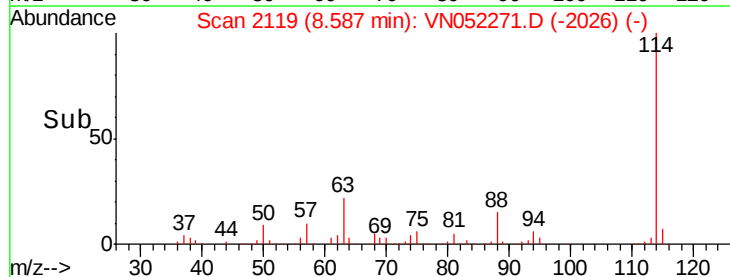
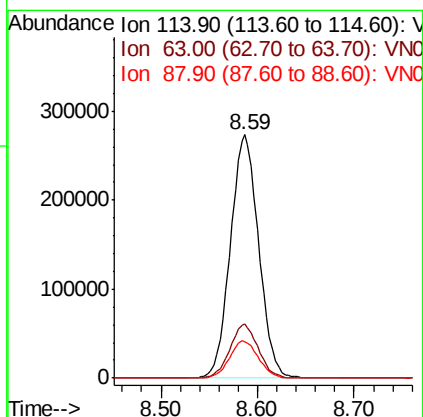
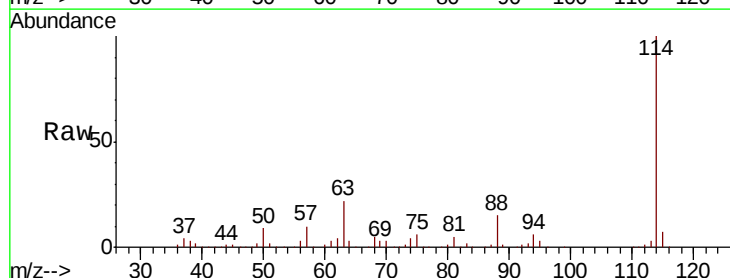
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678ZHE#15

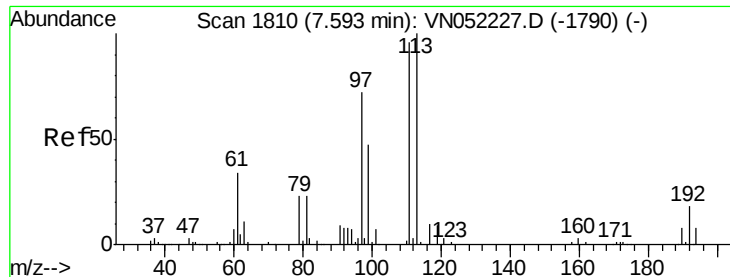
Tot Ion: 65 Resp: 219984
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052271.D
 Acq: 12 Nov 2018 19:11

Tgt Ion: 114 Resp: 555643
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.4
 88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052271.D

Acq: 12 Nov 2018 19:11

Instrument :

MSVOA_N

ClientSampleId :

PB114678ZHE#15

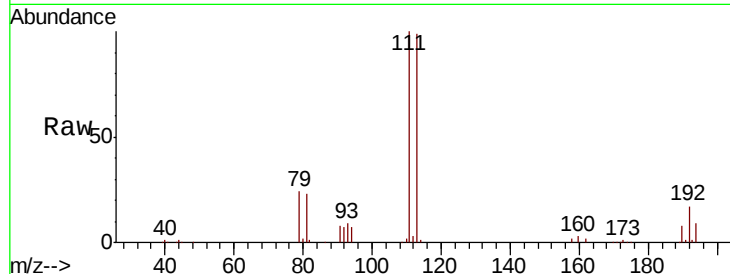
Tot Ion:113 Resp: 174418

Ion Ratio Lower Upper

113 100

111 102.4 80.2 120.4

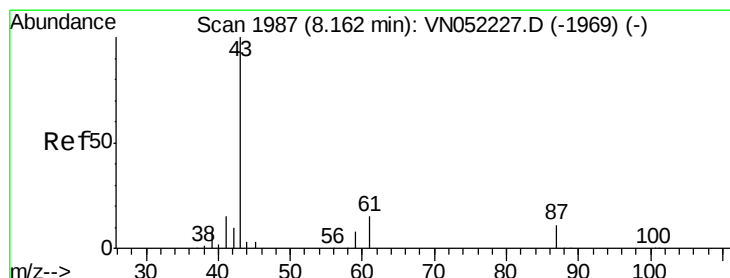
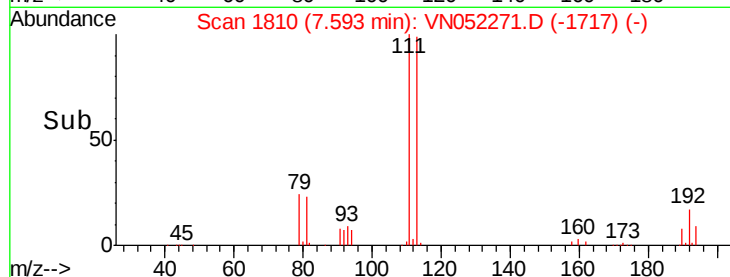
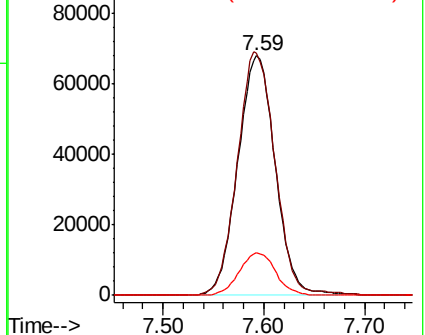
192 17.3 14.1 21.1



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: 3.422 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052271.D

Acq: 12 Nov 2018 19:11

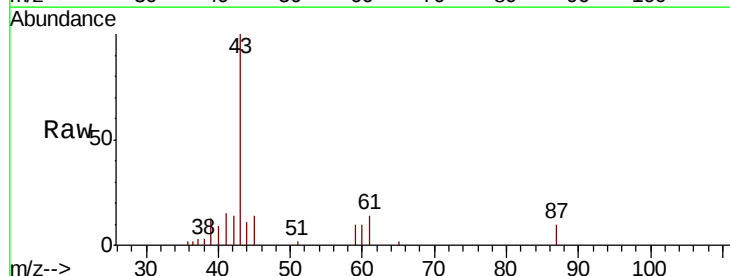
Tgt Ion: 43 Resp: 25164

Ion Ratio Lower Upper

43 100

61 12.0 14.2 21.4#

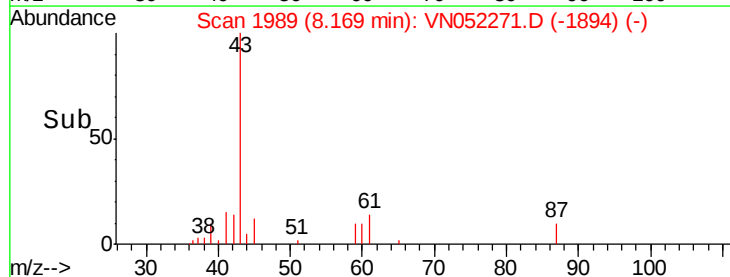
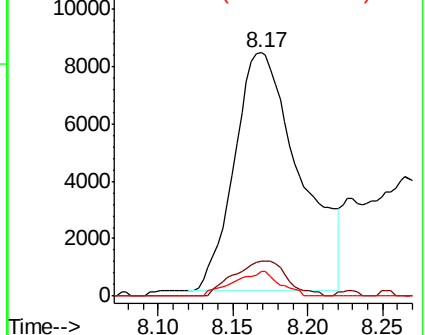
87 7.3 8.4 12.6#

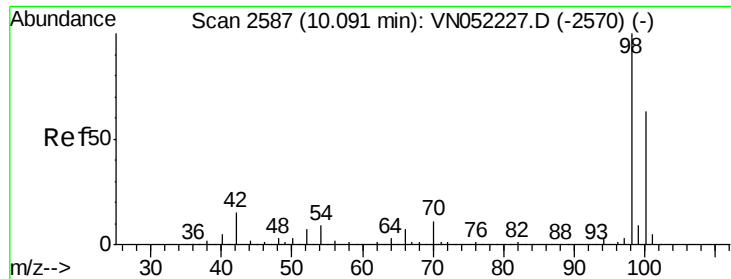


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: VN052271.D

Acq: 12 Nov 2018 19:11

Instrument :

MSVOA_N

ClientSampleId :

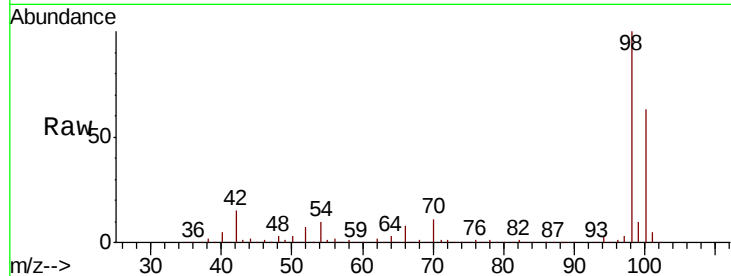
PB114678ZHE#15

Tot Ion: 98 Resp: 689422

Ion Ratio Lower Upper

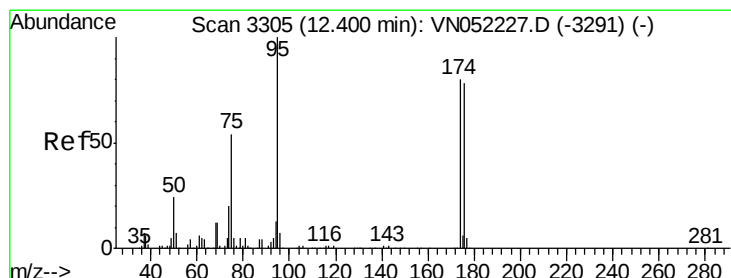
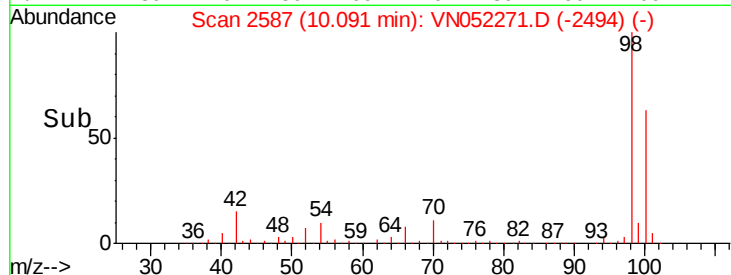
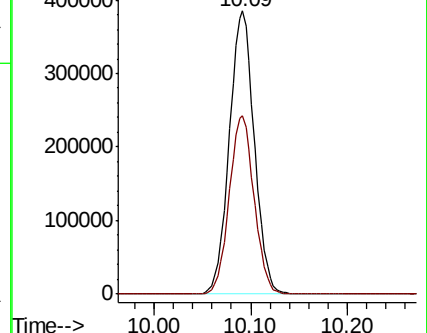
98 100

100 62.7 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052271.D

Acq: 12 Nov 2018 19:11

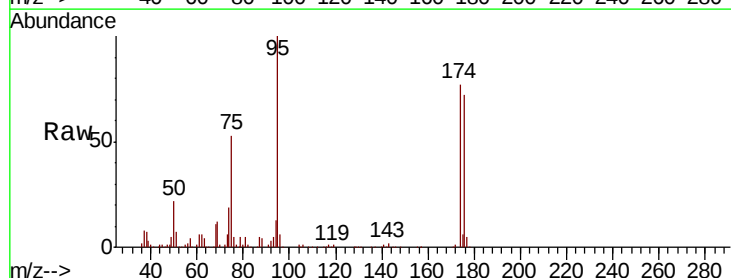
Tgt Ion: 95 Resp: 196773

Ion Ratio Lower Upper

95 100

174 78.7 0.0 159.4

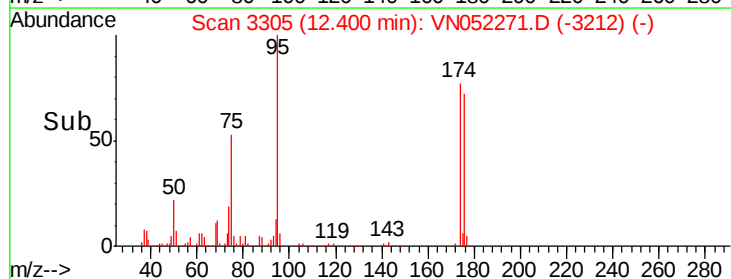
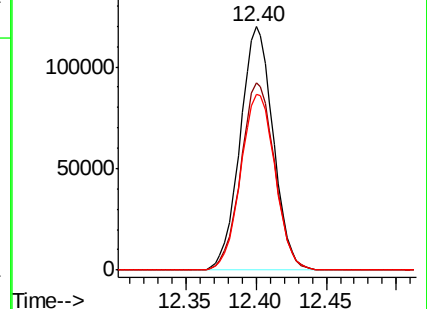
176 75.2 0.0 157.8

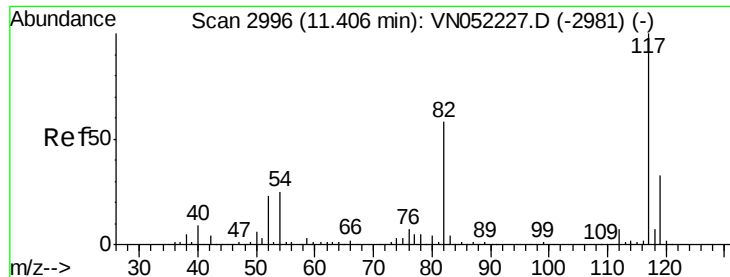


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052271.D

Acq: 12 Nov 2018 19:11

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ClientSampleId :

PB114678ZHE#15

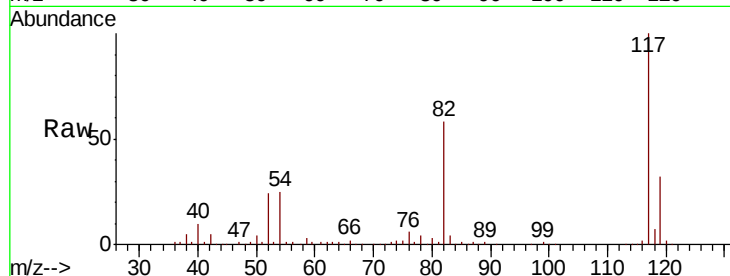
Tot Ion:117 Resp: 473936

Ion Ratio Lower Upper

117 100

82 58.2 46.2 69.2

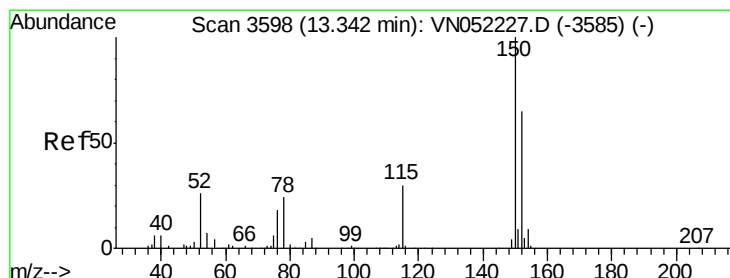
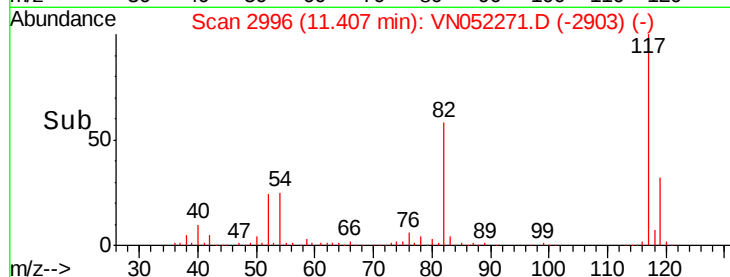
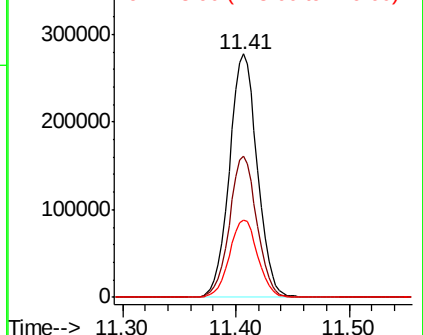
119 32.0 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052271.D

Acq: 12 Nov 2018 19:11

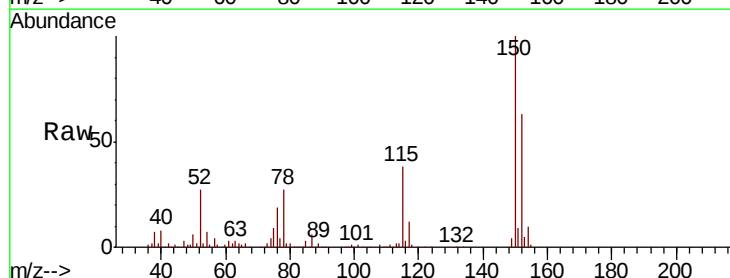
Tgt Ion:152 Resp: 160710

Ion Ratio Lower Upper

152 100

115 59.8 29.8 89.5

150 159.3 0.0 350.2



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

