

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\
 Data File : VN055065.D
 Acq On : 16 Apr 2019 1:18
 Operator : JC/SP
 Sample : K2397-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-D

Quant Time: Apr 16 07:37:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

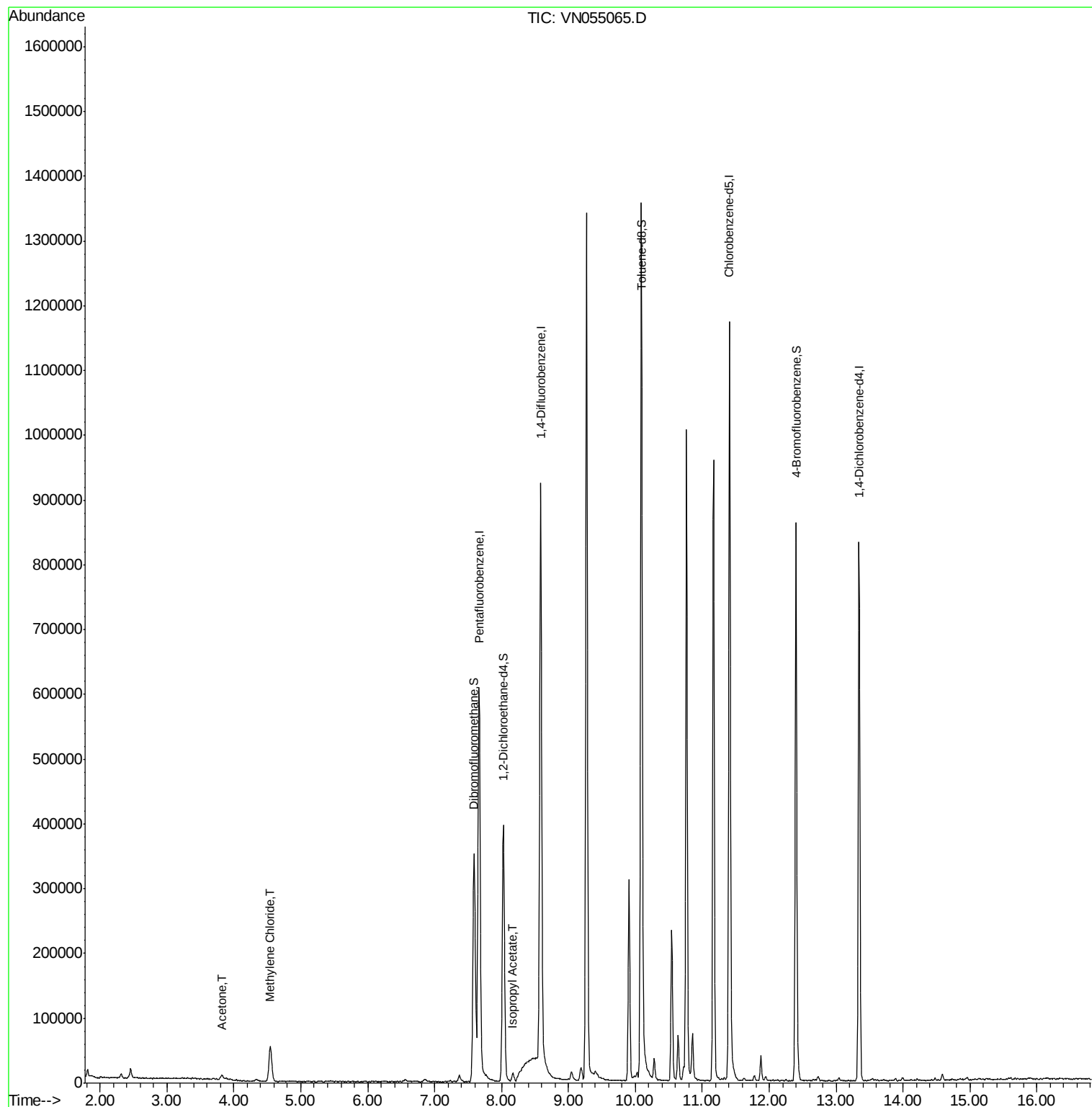
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	523564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	838261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	707955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	228040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	327353	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
35) Dibromofluoromethane	7.59	113	266383	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
50) Toluene-d8	10.09	98	1000308	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.40	95	295366	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	
Target Compounds						
16) Acetone	3.82	43	11430	6.051	ug/l	100
20) Methylene Chloride	4.55	84	37128	5.591	ug/l	98
43) Isopropyl Acetate	8.17	43	15107	1.524	ug/l	98

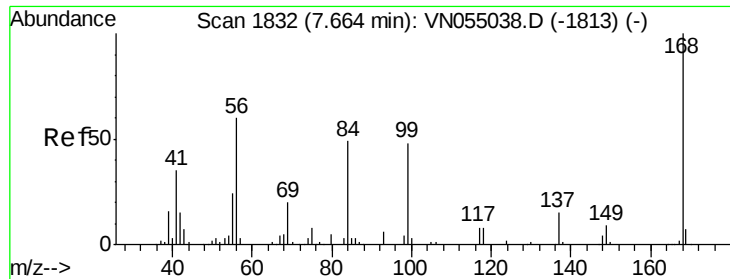
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055065.D

Acq: 16 Apr 2019 1:18

Instrument :

MSVOA_N

ClientSampleId :

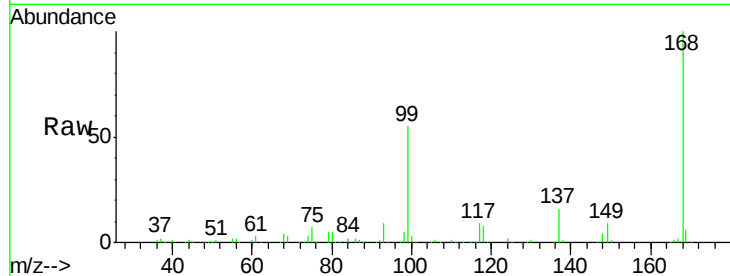
TP-3-D

Tot Ion:168 Resp: 523564

Ion Ratio Lower Upper

168 100

99 55.1 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055038.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055038.D (-1813) (-)

7.66

250000

200000

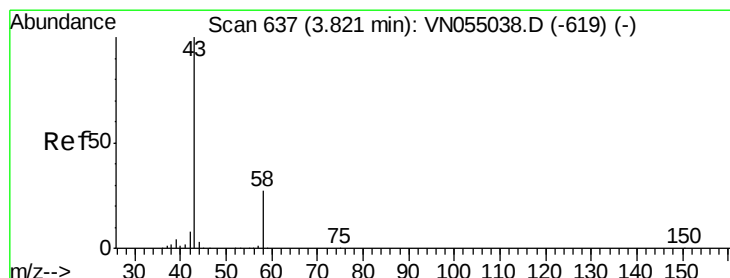
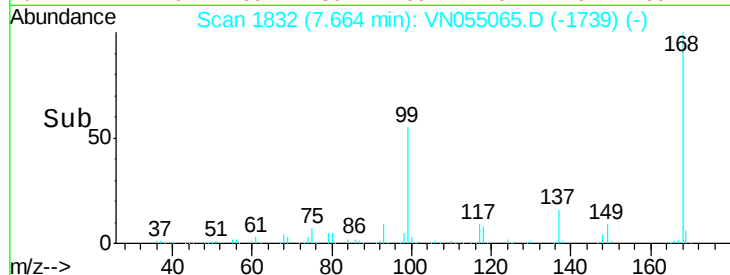
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.051 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055065.D

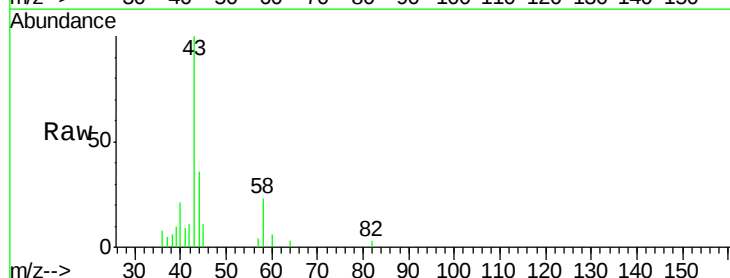
Acq: 16 Apr 2019 1:18

Tgt Ion: 43 Resp: 11430

Ion Ratio Lower Upper

43 100

58 26.2 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-619) (-)

Ion 58.00 (57.70 to 58.70): VN055038.D (-619) (-)

3.82

6000

5000

4000

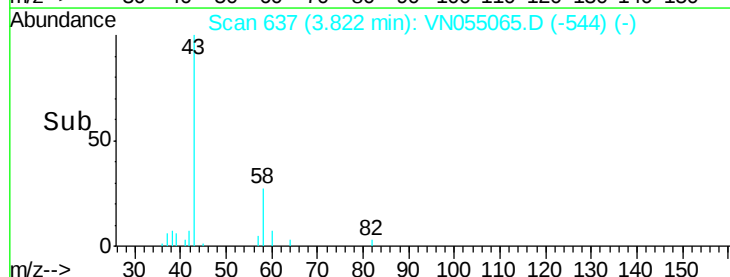
3000

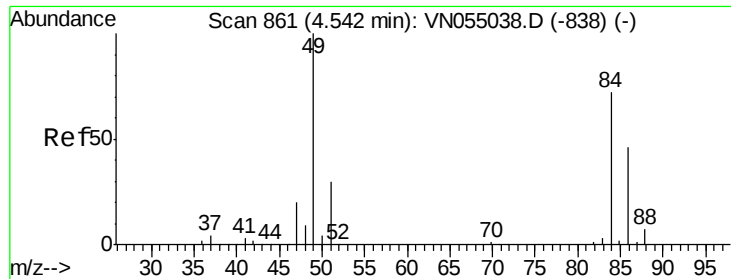
2000

1000

0

Time-->

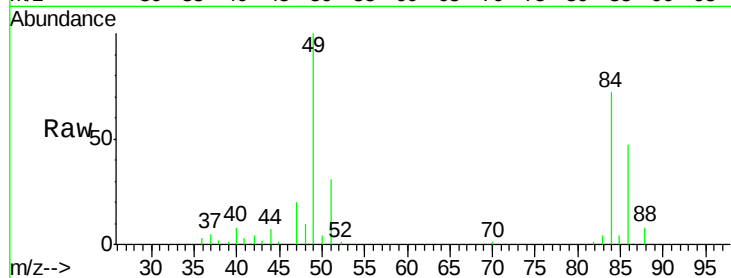




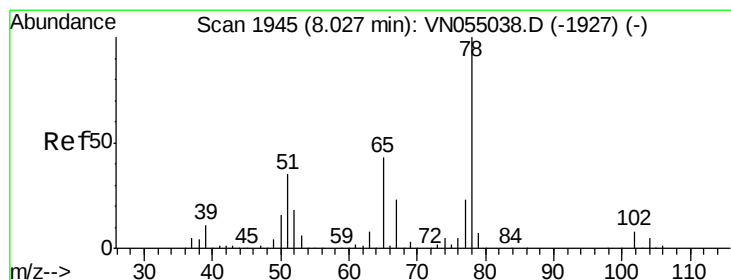
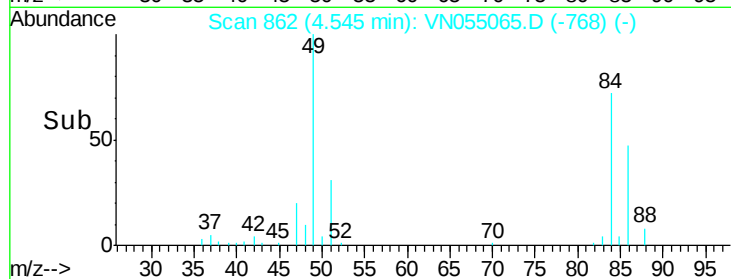
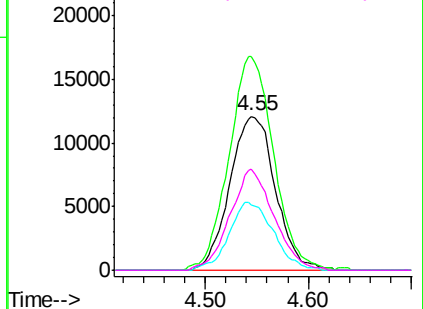
#20
Methvlene Chloride
Concen: 5.591 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055065.D
Acq: 16 Apr 2019 1:18

Instrument :
MSVOA_N
ClientSampled :
TP-3-D

Tot Ion: 84 Resp: 37128
Ion Ratio Lower Upper
84 100
49 137.3 109.4 164.2
51 42.7 32.2 48.4
86 65.6 49.3 73.9

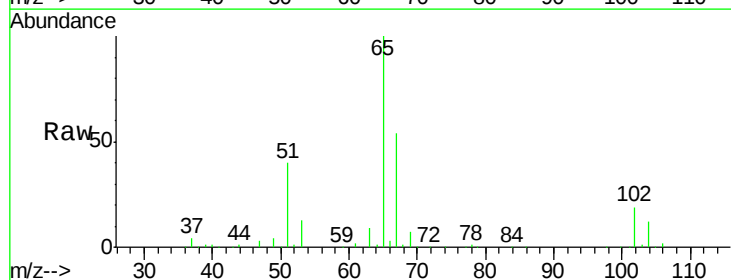


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

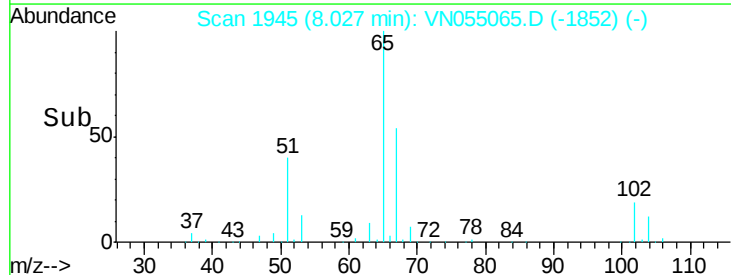
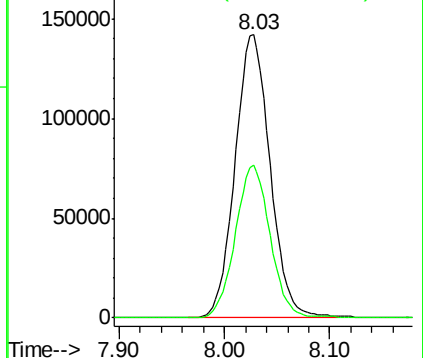


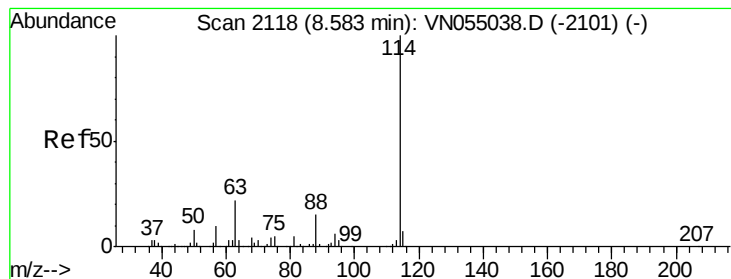
#33
1,2-Dichloroethane-d4
Concen: 47.037 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055065.D
Acq: 16 Apr 2019 1:18

Tgt Ion: 65 Resp: 327353
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.4



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055065.D

Acq: 16 Apr 2019 1:18

Instrument :

MSVOA_N

ClientSampleId :

TP-3-D

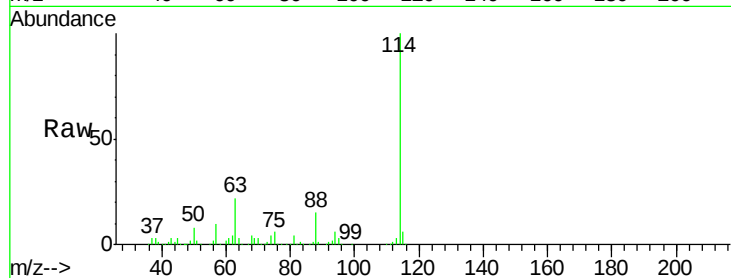
Tot Ion:114 Resp: 838261

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.2

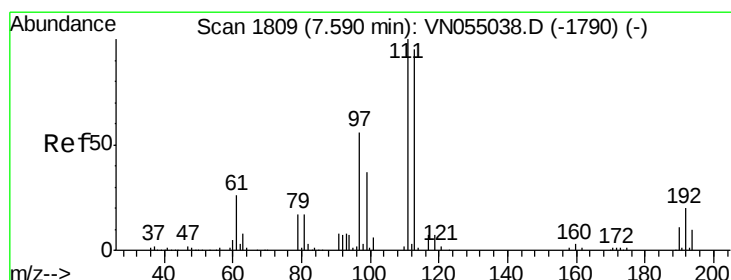
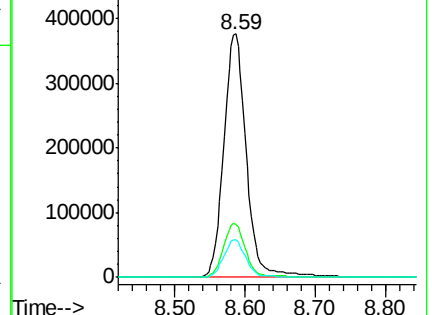
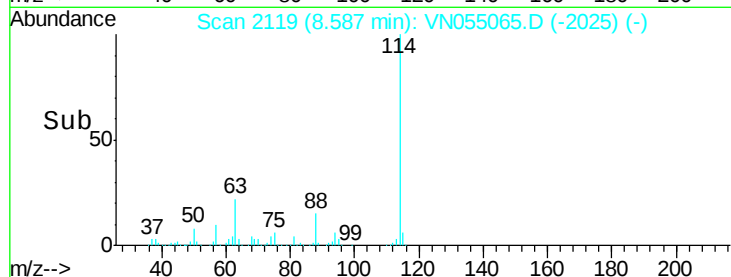
88 15.4 0.0 31.8



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: 47.550 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055065.D

Acq: 16 Apr 2019 1:18

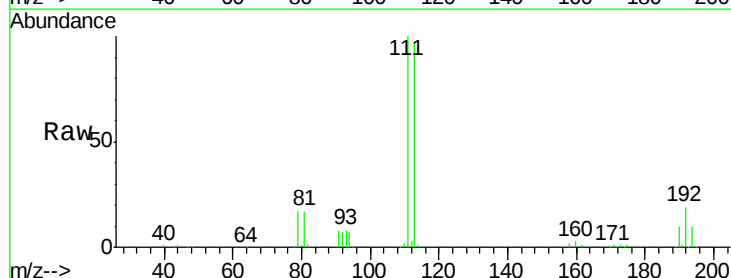
Tgt Ion:113 Resp: 266383

Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

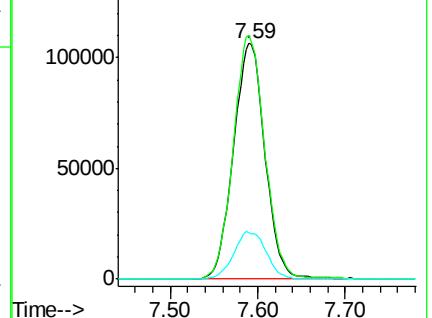
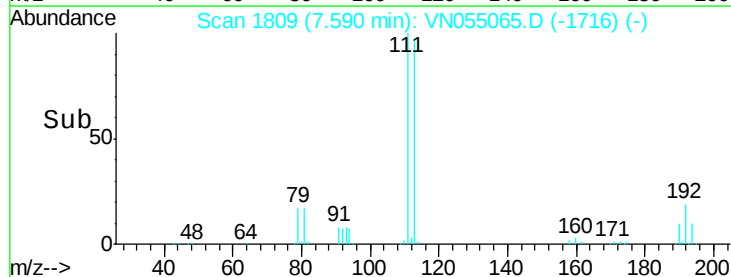
192 20.7 16.5 24.7

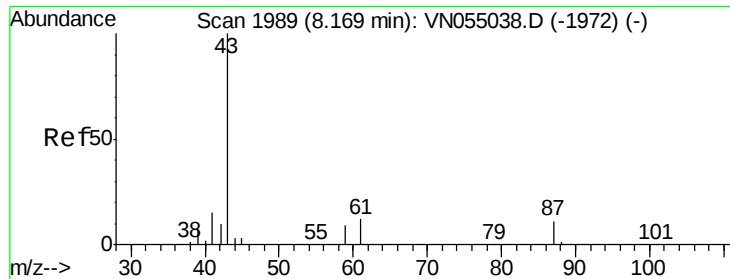


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.524 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055065.D

Acq: 16 Apr 2019 1:18

Instrument :

MSVOA_N

ClientSampleId :

TP-3-D

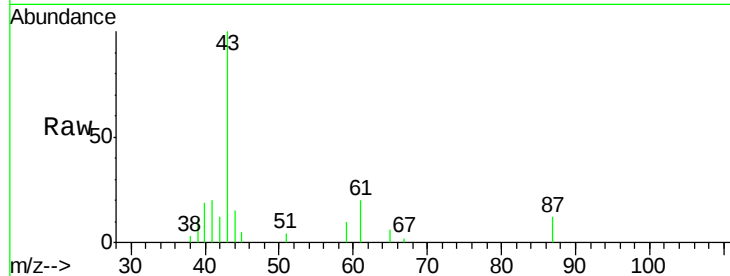
Tot Ion: 43 Resp: 15107

Ion Ratio Lower Upper

43 100

61 18.5 14.3 21.5

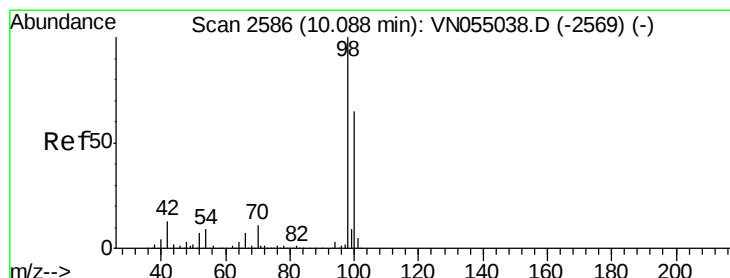
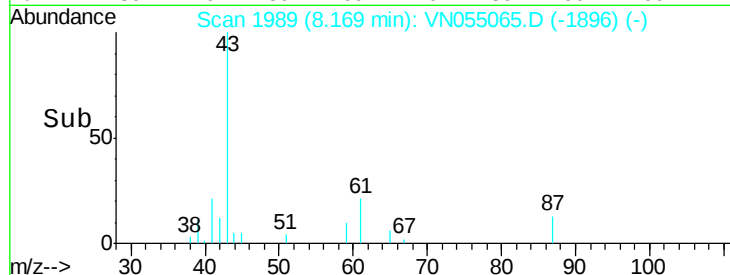
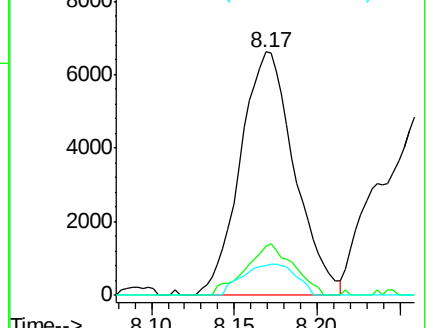
87 12.4 8.6 13.0



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: 49.889 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055065.D

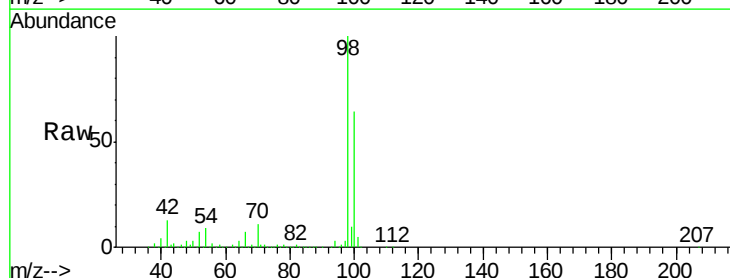
Acq: 16 Apr 2019 1:18

Tgt Ion: 98 Resp: 1000308

Ion Ratio Lower Upper

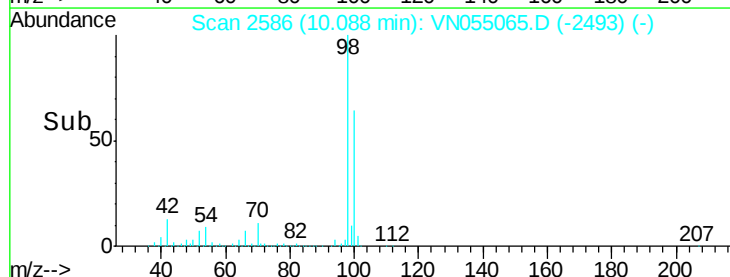
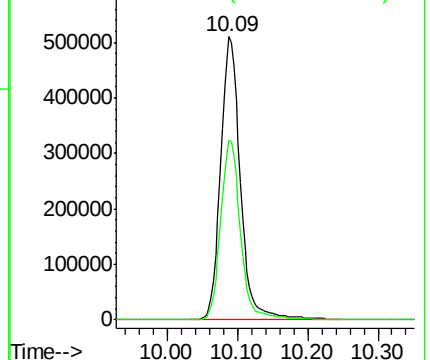
98 100

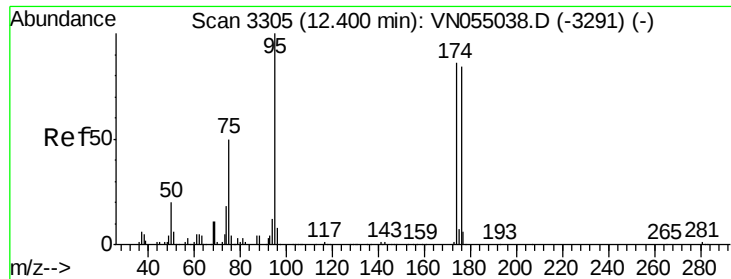
100 63.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.313 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055065.D

Acq: 16 Apr 2019 1:18

Instrument :

MSVOA_N

ClientSampleId :

TP-3-D

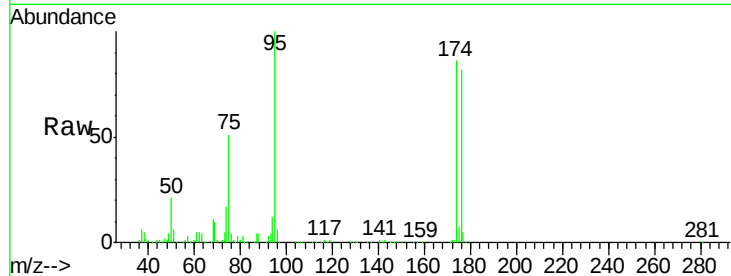
Tot Ion: 95 Resp: 295366

Ion Ratio Lower Upper

95 100

174 85.4 0.0 174.4

176 82.3 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055038.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055038.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055038.D (-3291) (-)

12.40

200000

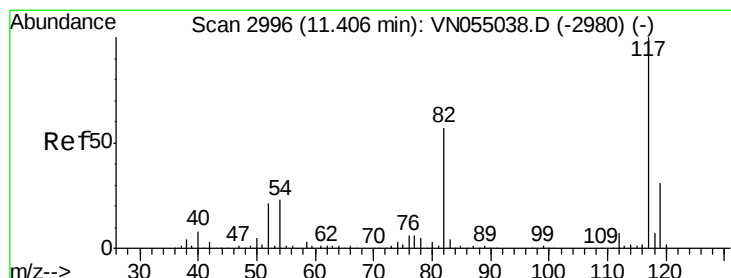
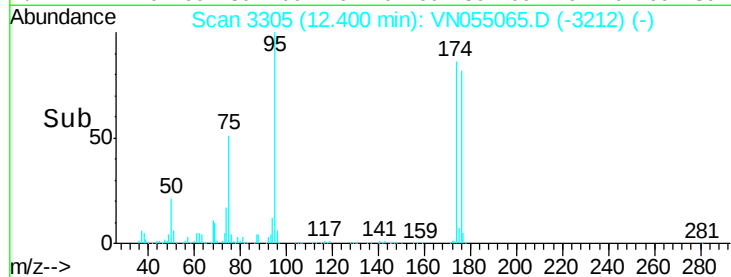
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055065.D

Acq: 16 Apr 2019 1:18

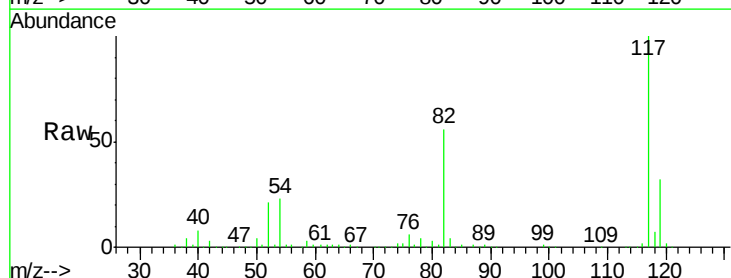
Tgt Ion: 117 Resp: 707955

Ion Ratio Lower Upper

117 100

82 55.8 44.6 66.8

119 31.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN055038.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055038.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055038.D (-2980) (-)

11.41

500000

400000

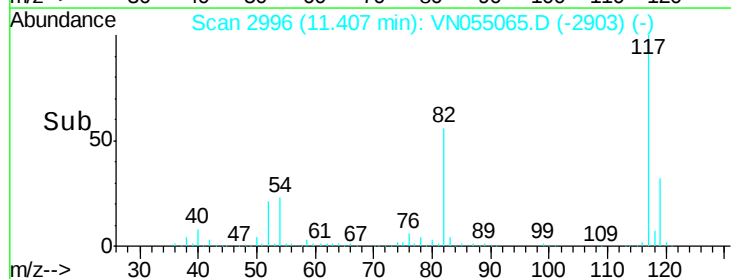
300000

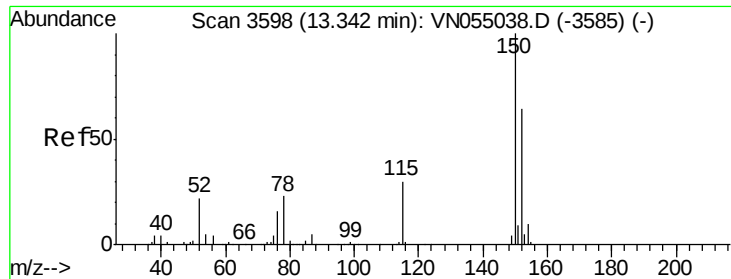
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055065.D

Acq: 16 Apr 2019 1:18

Instrument :

MSVOA_N

ClientSampleId :

TP-3-D

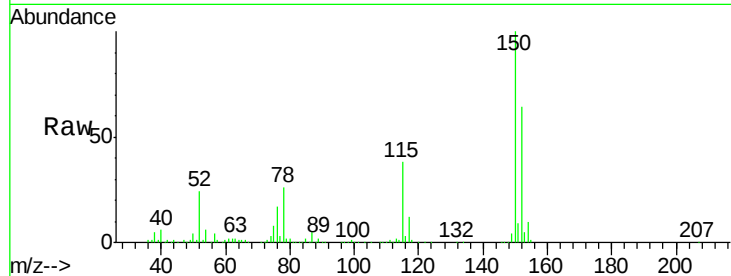
Tot Ion:152 Resp: 228040

Ion Ratio Lower Upper

152 100

115 58.8 28.5 85.6

150 160.2 0.0 347.2



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

