

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041619\
 Data File : VN055082.D
 Acq On : 16 Apr 2019 16:53
 Operator : JC/SP
 Sample : K2422-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP1-S

Quant Time: Apr 17 02:31:11 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

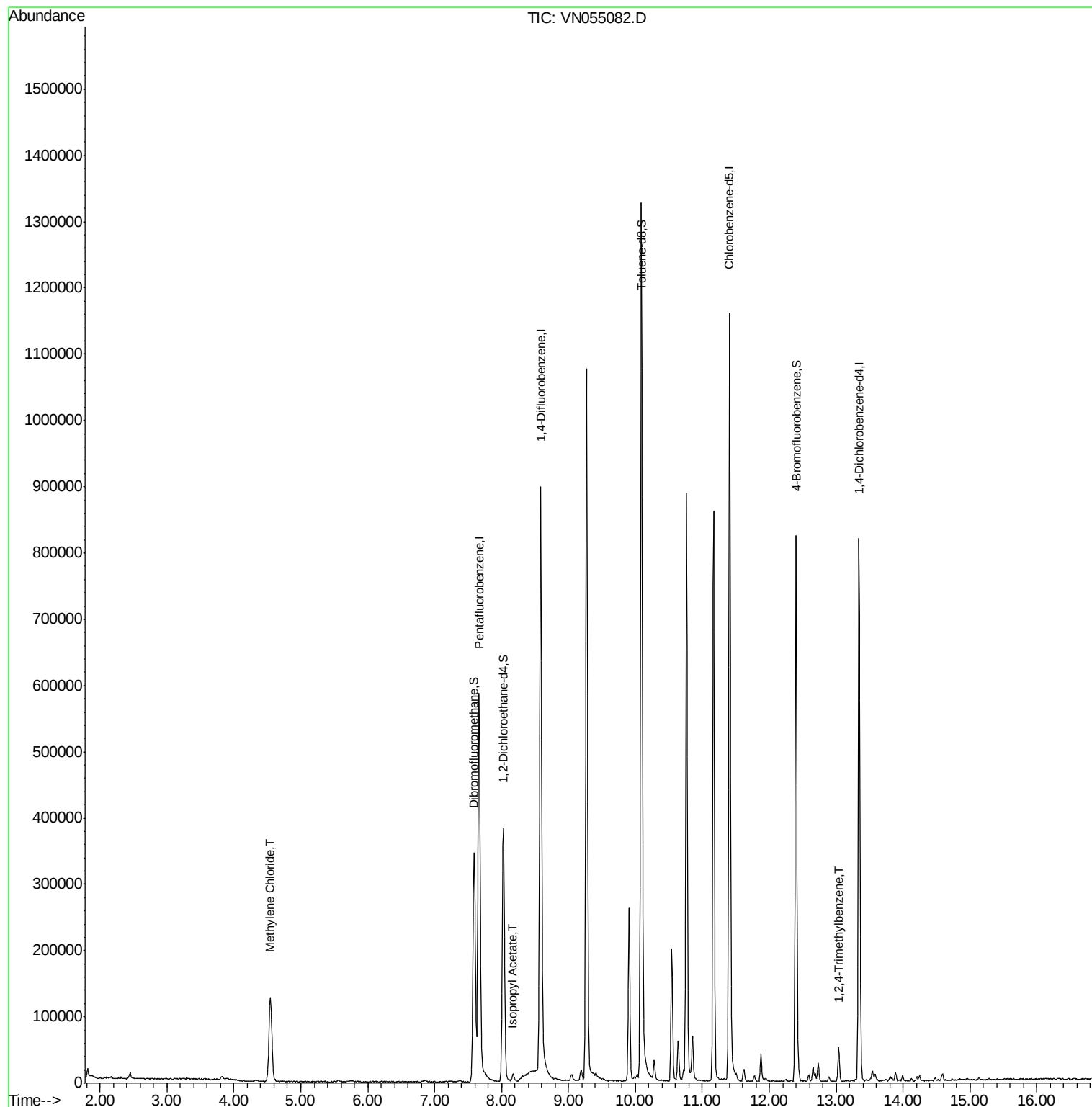
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	507833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	825107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	687233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	328591	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
35) Dibromofluoromethane	7.59	113	263000	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
50) Toluene-d8	10.09	98	975867	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.40	95	285091	44.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.86%	
Target Compounds						
20) Methylene Chloride	4.54	84	89698	13.927	ug/l	95
43) Isopropyl Acetate	8.17	43	12789	1.311	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	29641	1.935	ug/l	98

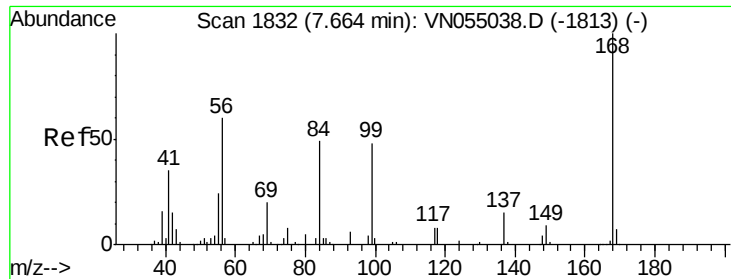
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041619\
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Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
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: VN055082.D

Acq: 16 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

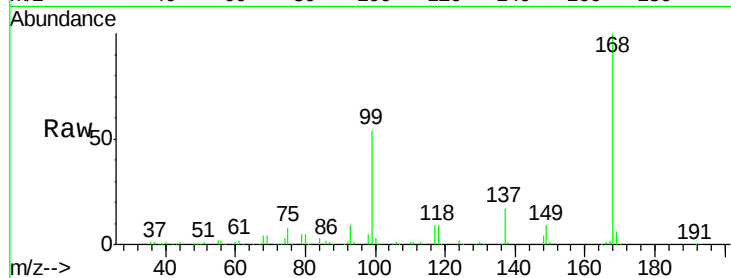
TP1-S

Tot Ion:168 Resp: 507833

Ion Ratio Lower Upper

168 100

99 54.2 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

200000

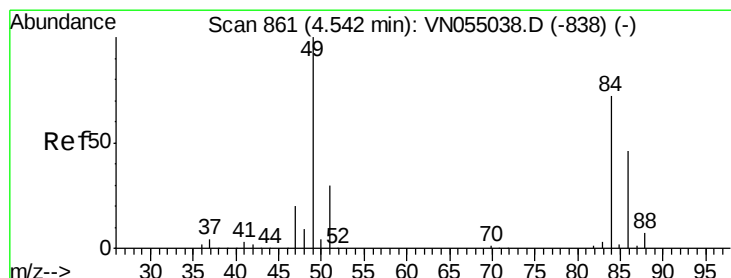
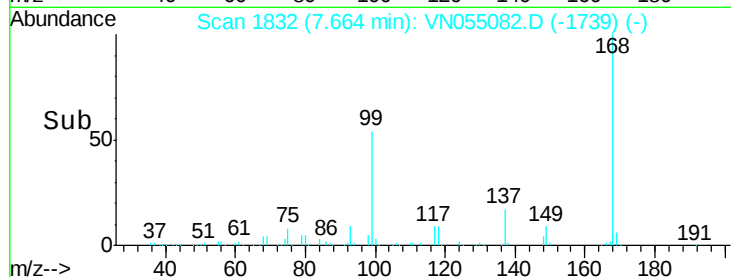
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 13.927 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

Tgt Ion: 84 Resp: 89698

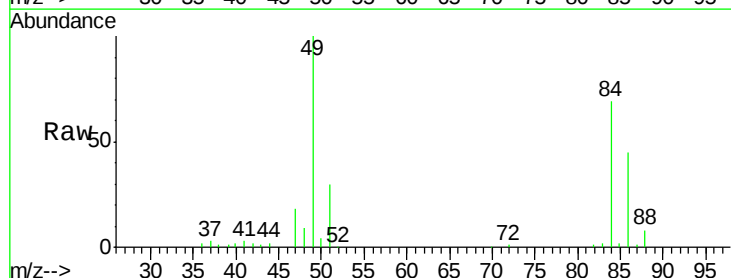
Ion Ratio Lower Upper

84 100

49 143.8 109.4 164.2

51 43.0 32.2 48.4

86 64.9 49.3 73.9



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

4.54

60000

50000

40000

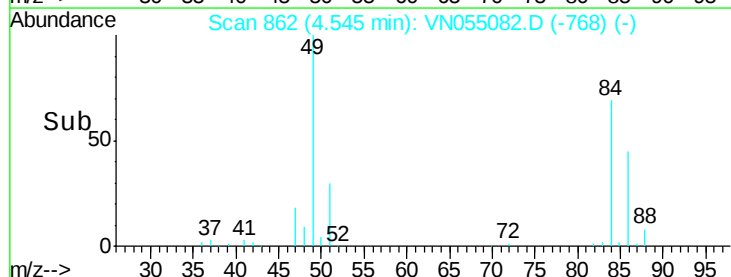
30000

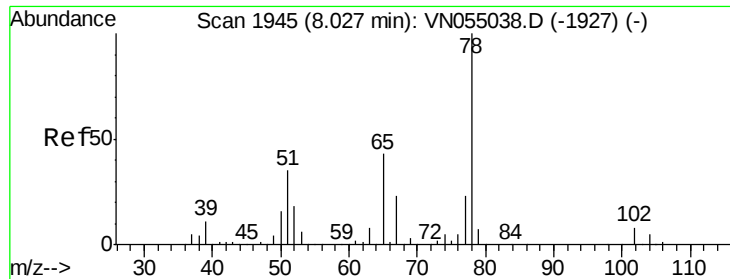
20000

10000

0

Time-->

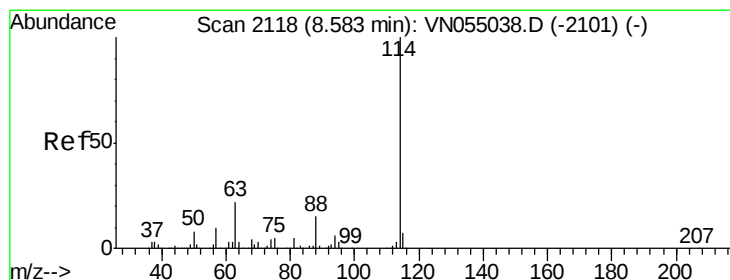
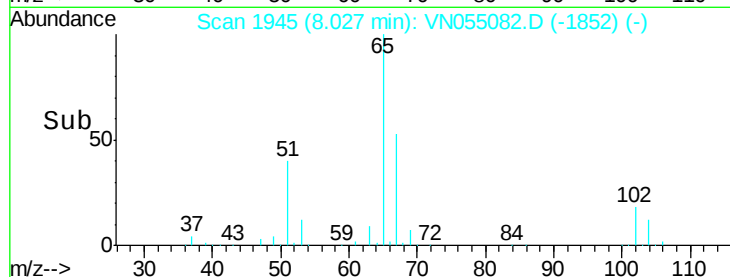
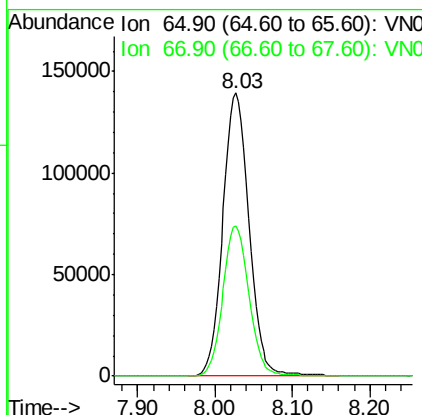
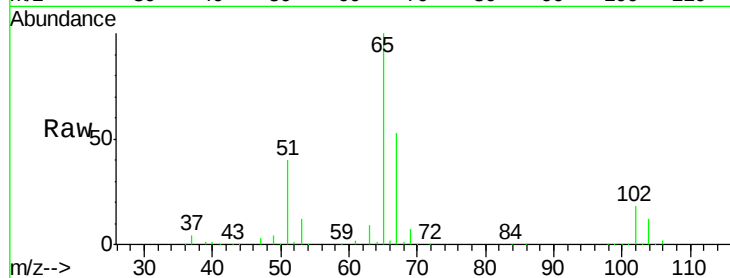




#33
 1,2-Dichloroethane-d4
 Concen: 48.678 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055082.D
 Acq: 16 Apr 2019 16:53

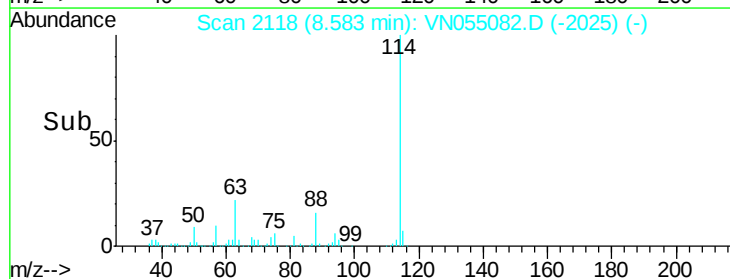
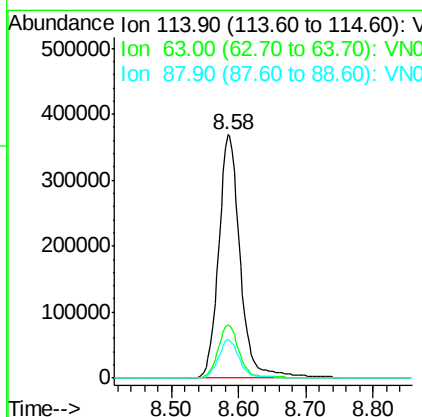
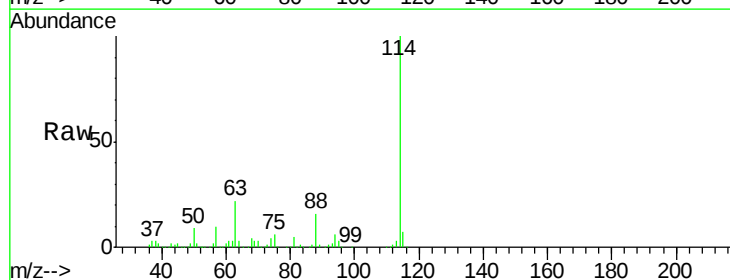
Instrument :
 MSVOA_N
 ClientSampleId :
 TP1-S

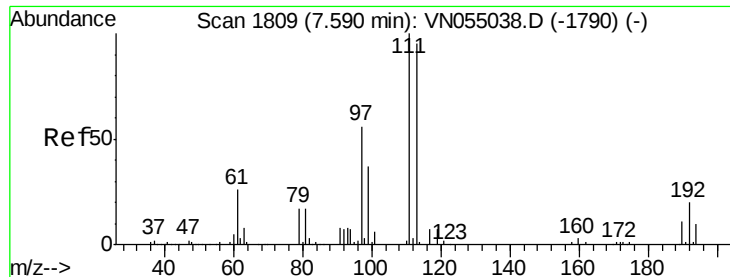
Tot Ion: 65 Resp: 328591
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055082.D
 Acq: 16 Apr 2019 16:53

Tgt Ion: 114 Resp: 825107
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.2
 88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.695 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

TP1-S

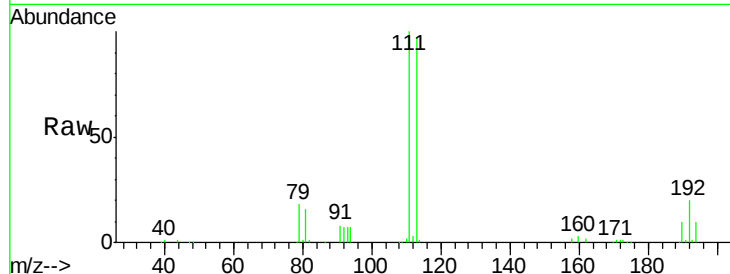
Tot Ion:113 Resp: 263000

Ion Ratio Lower Upper

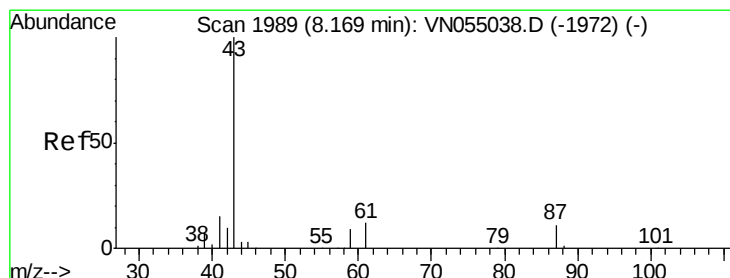
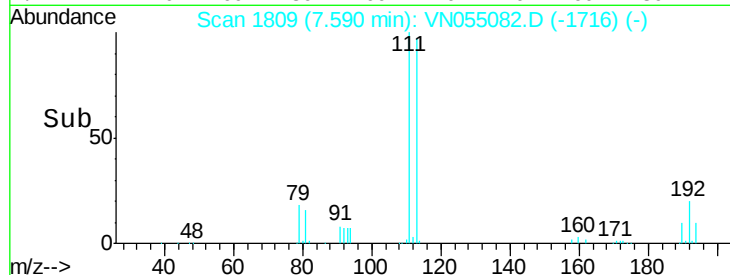
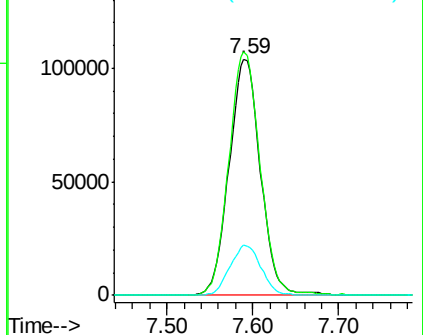
113 100

111 103.2 82.1 123.1

192 21.2 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: 1.311 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

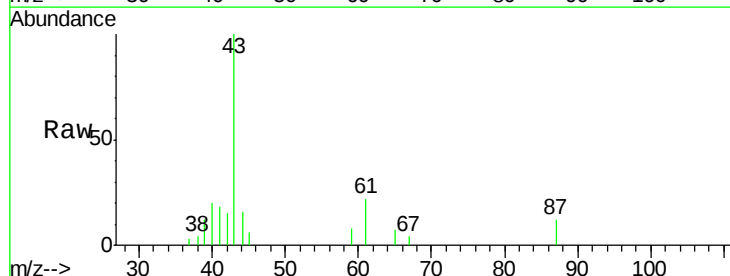
Tgt Ion: 43 Resp: 12789

Ion Ratio Lower Upper

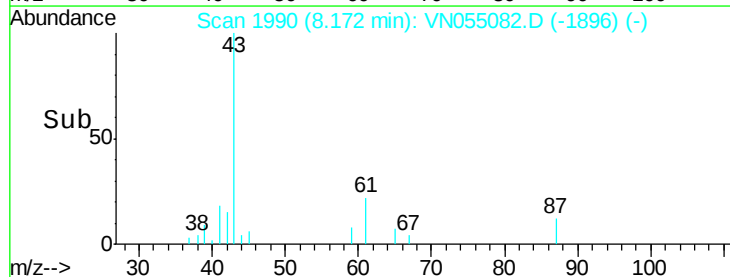
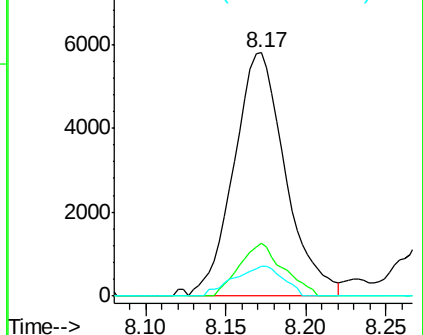
43 100

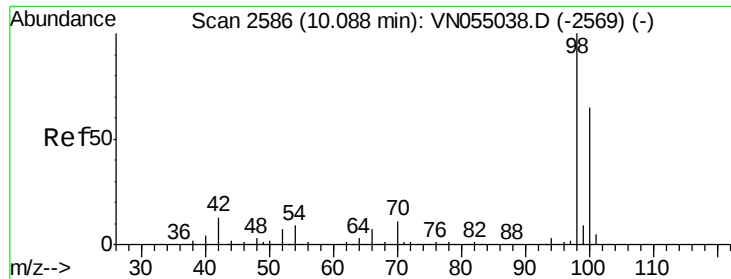
61 18.5 14.3 21.5

87 11.7 8.6 13.0



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





#50

Toluene-d8

Concen: 49.446 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampled :

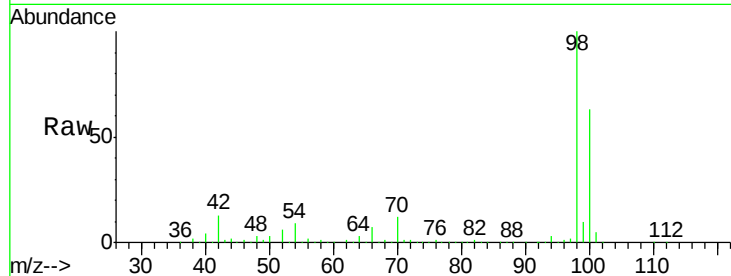
TP1-S

Tot Ion: 98 Resp: 975867

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055038.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN055038.D (-2569) (-)

10.09

500000

400000

300000

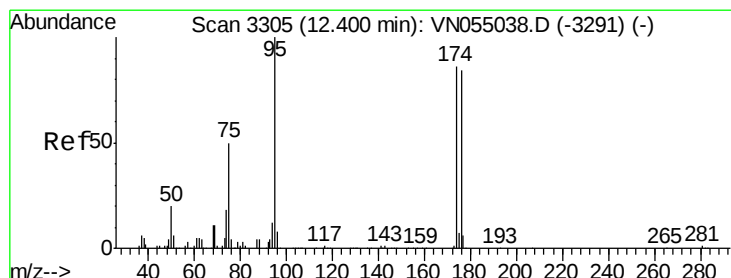
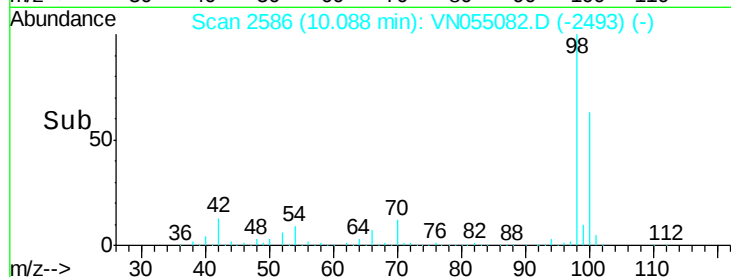
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 44.434 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055082.D

Acq: 16 Apr 2019 16:53

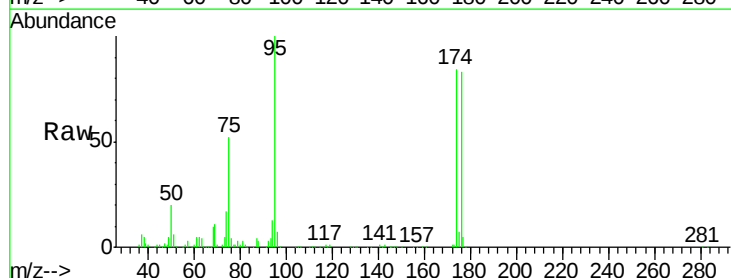
Tgt Ion: 95 Resp: 285091

Ion Ratio Lower Upper

95 100

174 85.4 0.0 174.4

176 82.8 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

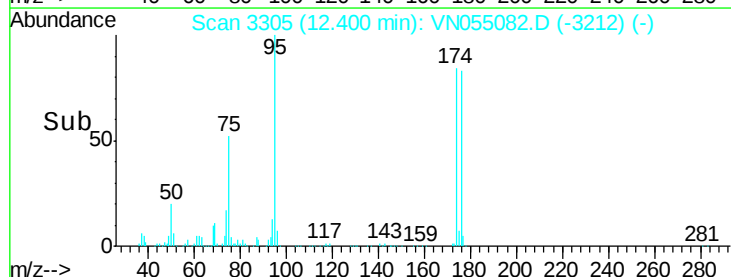
100000

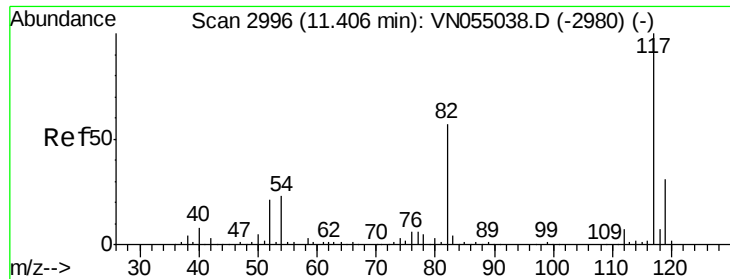
50000

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: VN055082.D

Acq: 16 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

TP1-S

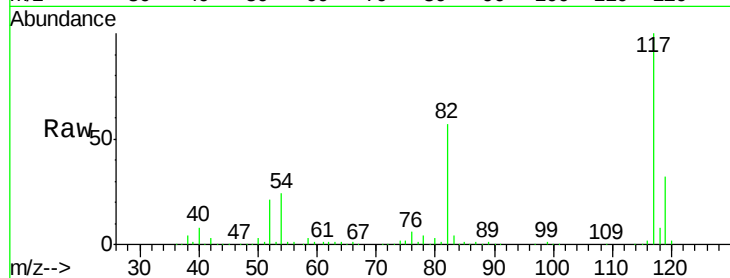
Tot Ion:117 Resp: 687233

Ion Ratio Lower Upper

117 100

82 57.2 44.6 66.8

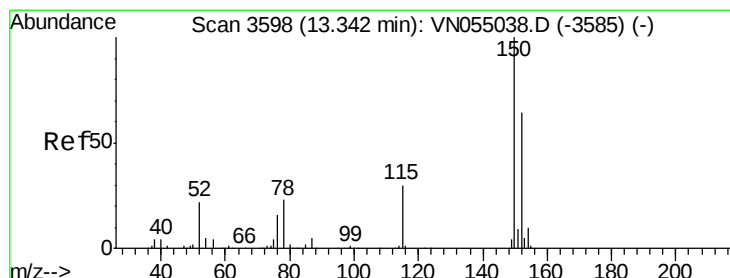
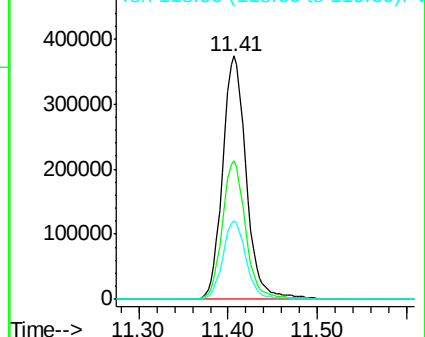
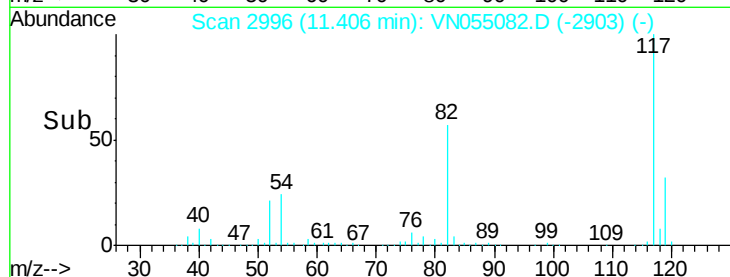
119 32.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VN055082.D

Acq: 16 Apr 2019 16:53

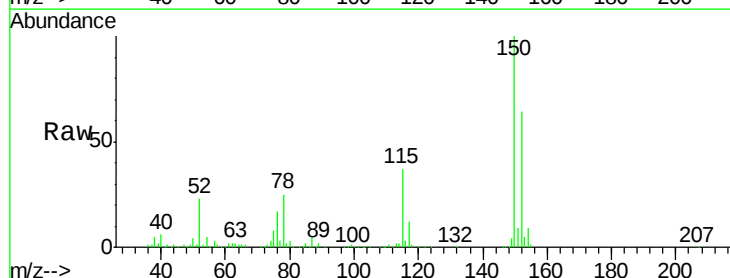
Tgt Ion:152 Resp: 225703

Ion Ratio Lower Upper

152 100

115 57.5 28.5 85.6

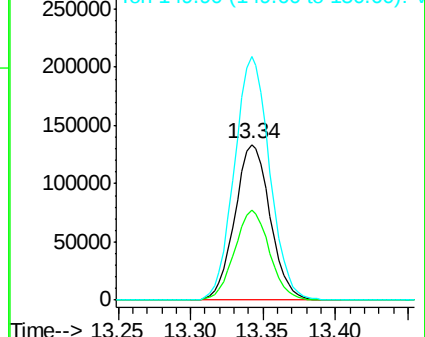
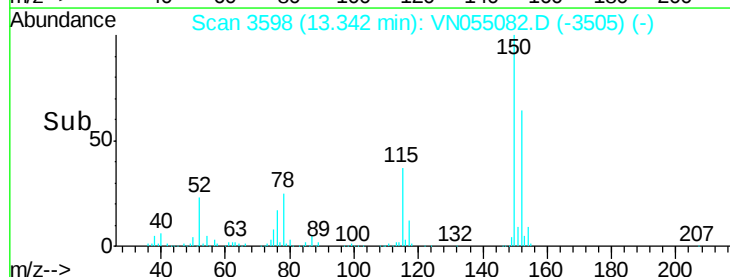
150 156.4 0.0 347.2

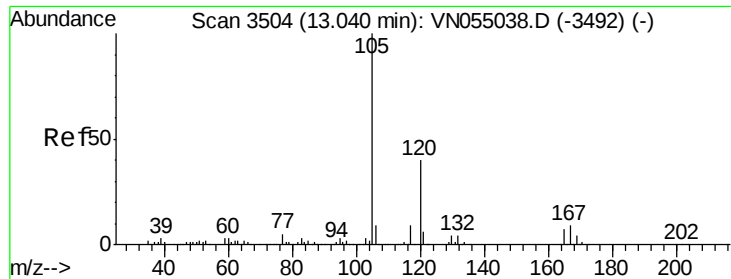


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#84
 1,2,4-Trimethylbenzene
 Concen: 1.935 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN055082.D
 Acq: 16 Apr 2019 16:53

Instrument :
 MSVOA_N
 ClientSampleId :
 TP1-S

Tot Ion:105 Resp: 29641
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.4 67.3

