

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN033119\
 Data File : VN054848.D
 Acq On : 31 Mar 2019 14:12
 Operator : JC/SP
 Sample : K2179-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4S

Quant Time: Apr 01 03:19:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

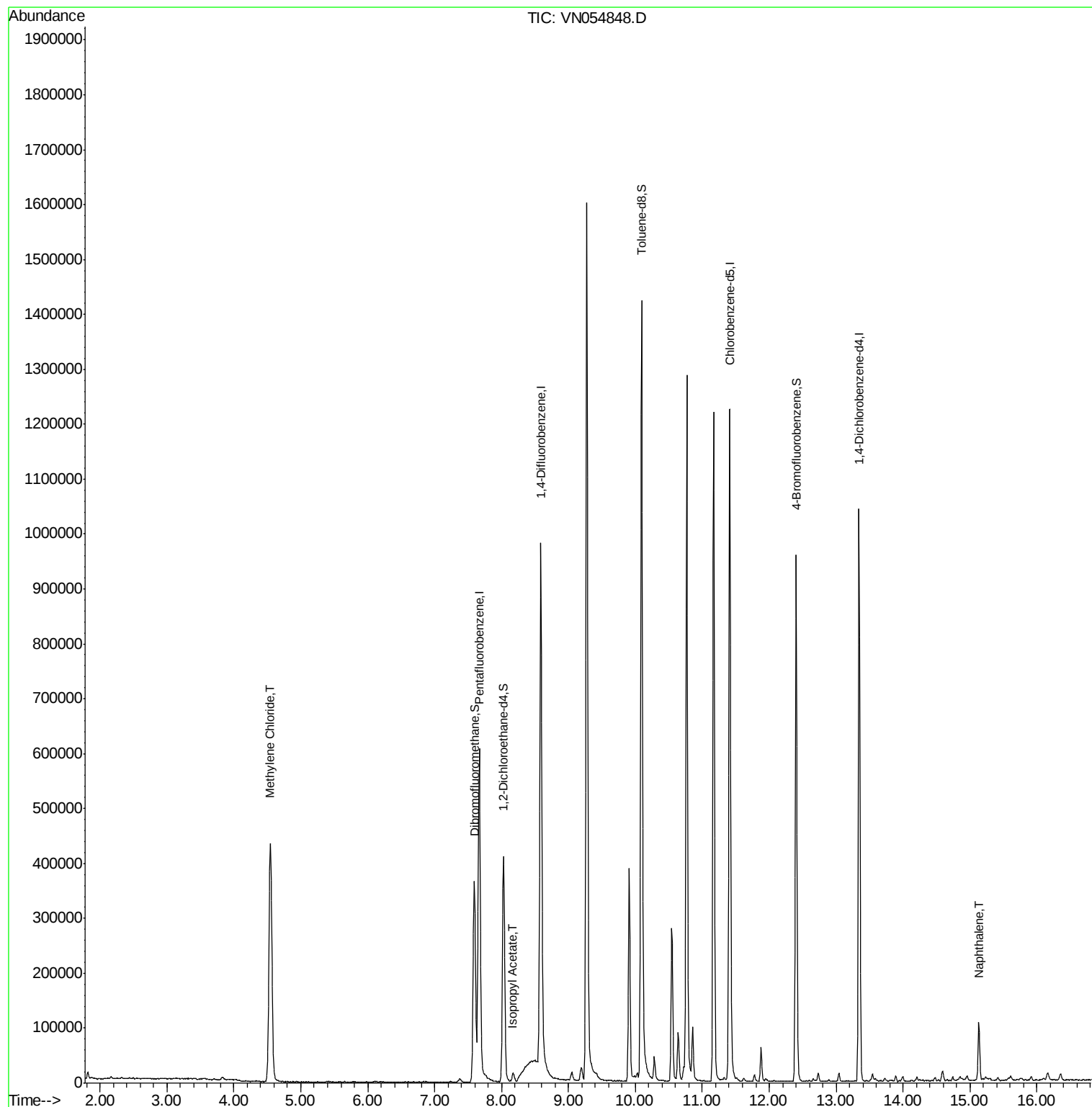
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	509086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	858603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	735629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	273136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	357090	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
35) Dibromofluoromethane	7.59	113	273821	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
50) Toluene-d8	10.09	98	1030571	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	12.40	95	319569	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.30%	
Target Compounds						
20) Methylene Chloride	4.55	84	307331	53.240	ug/l #	84
43) Isopropyl Acetate	8.18	43	18366	1.927	ug/l	95
95) Naphthalene	15.13	128	87525	8.891	ug/l	98

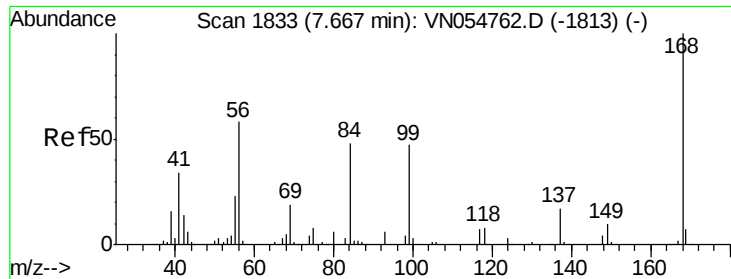
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN033119\
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Quant Title : SW846 8260
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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: VN054848.D

Acq: 31 Mar 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

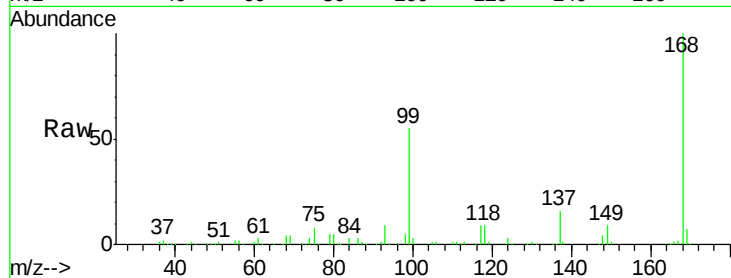
TP-4S

Tgt Ion: 168 Resp: 509086

Ion Ratio Lower Upper

168 100

99 55.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

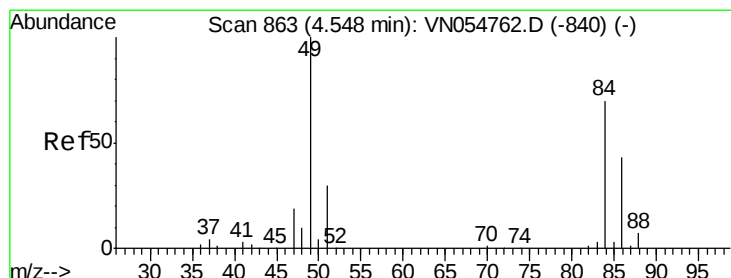
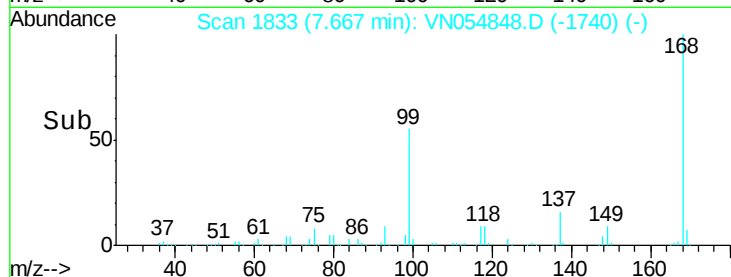
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 53.240 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

Tgt Ion: 84 Resp: 307331

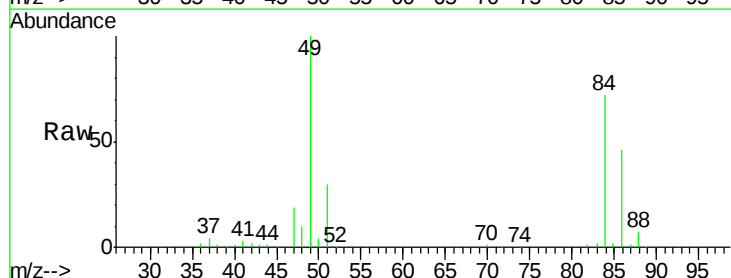
Ion Ratio Lower Upper

84 100

49 139.7 89.7 134.5#

51 41.8 28.2 42.4

86 64.0 50.8 76.2



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

200000

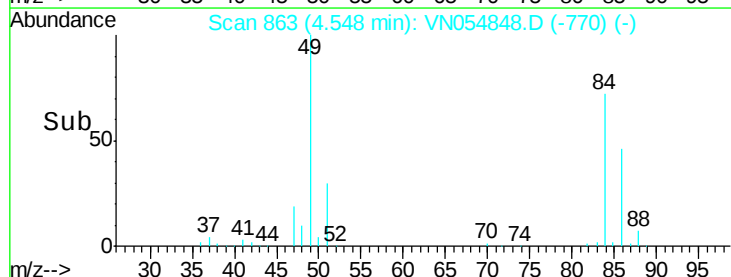
150000

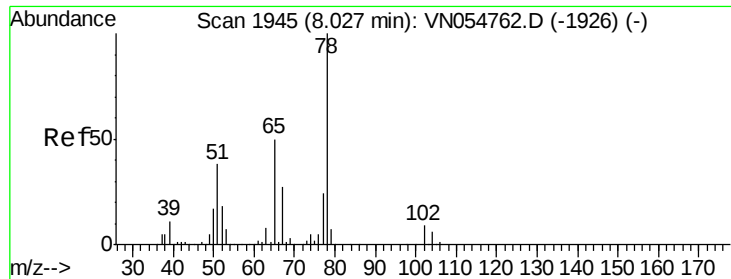
100000

50000

0

Time--> 4.40 4.50 4.60

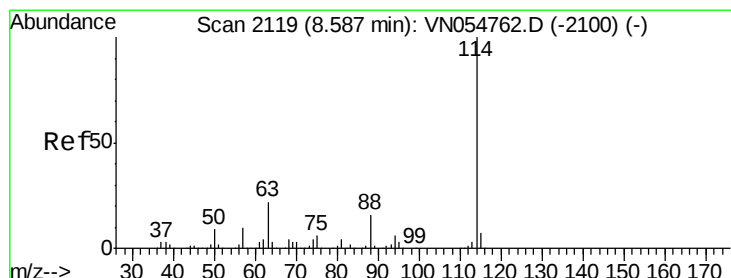
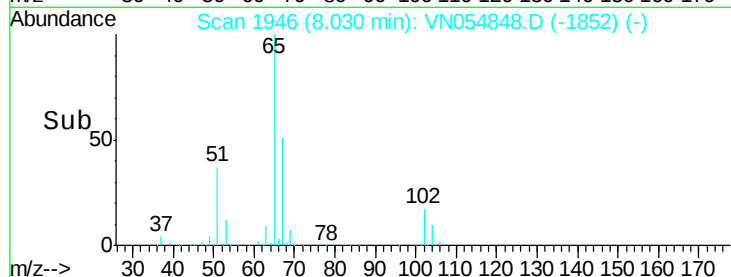
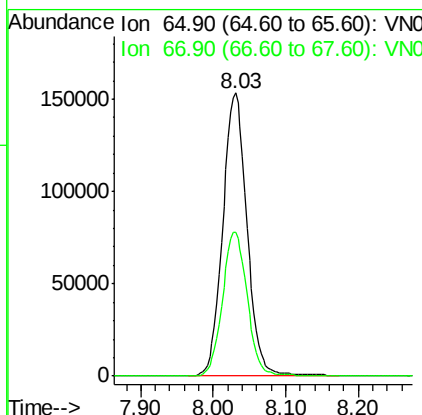
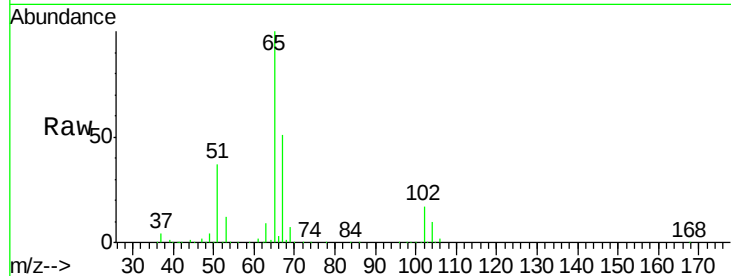




#33
 1,2-Dichloroethane-d4
 Concen: 52.034 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054848.D
 Acq: 31 Mar 2019 14:12

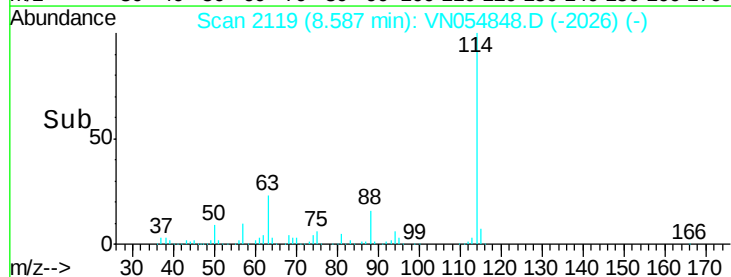
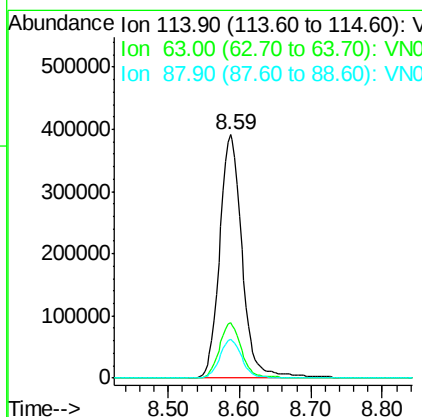
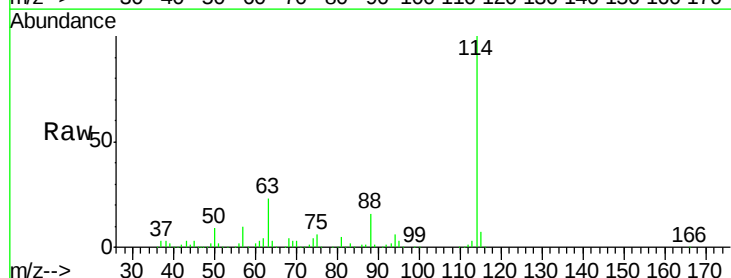
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4S

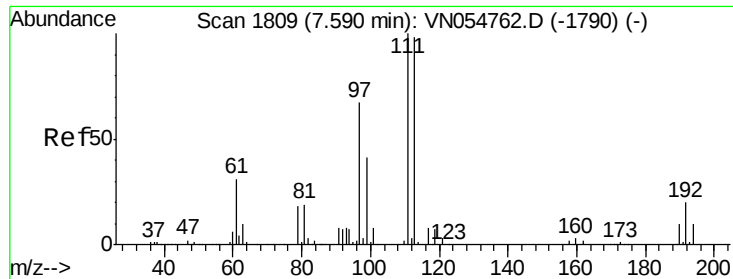
Tgt Ion: 65 Resp: 357090
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054848.D
 Acq: 31 Mar 2019 14:12

Tgt Ion: 114 Resp: 858603
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 35.2
 88 15.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.835 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

Instrument :

MSVOA_N

ClientSampled :

TP-4S

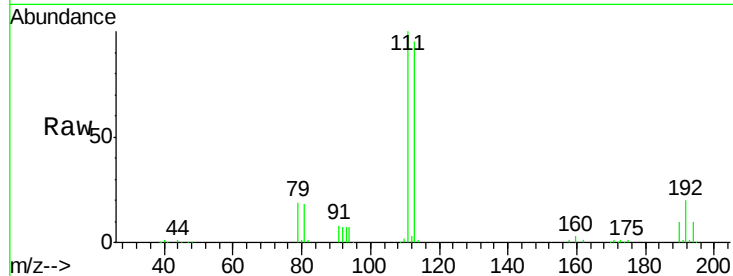
Tgt Ion:113 Resp: 273821

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

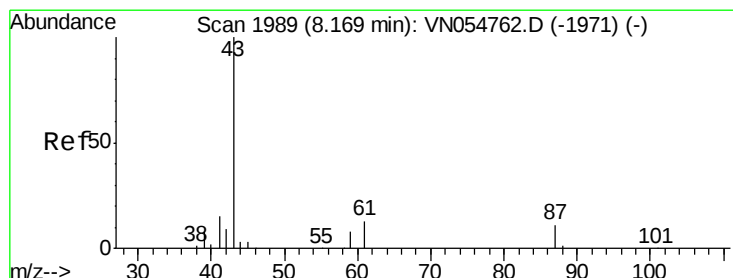
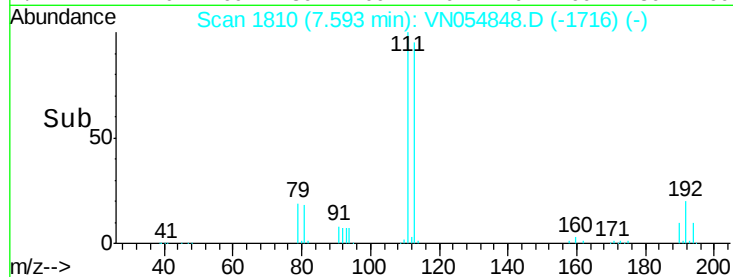
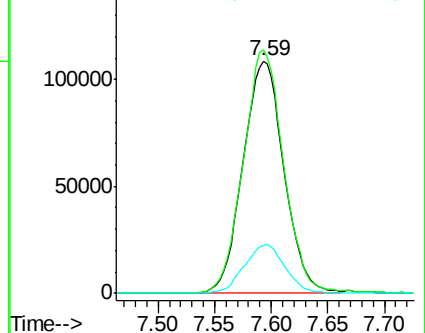
192 20.9 19.2 28.8



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: 1.927 ug/l

RT: 8.18 min Scan# 1992

Delta R.T. 0.01 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

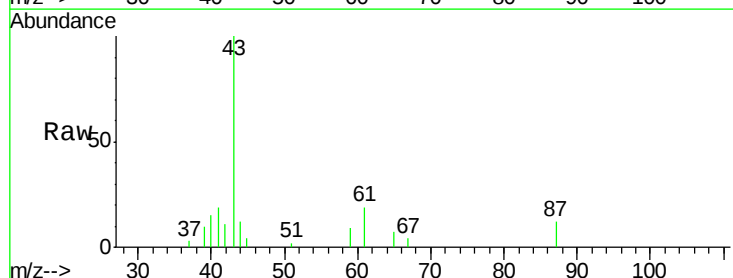
Tgt Ion: 43 Resp: 18366

Ion Ratio Lower Upper

43 100

61 17.9 15.8 23.8

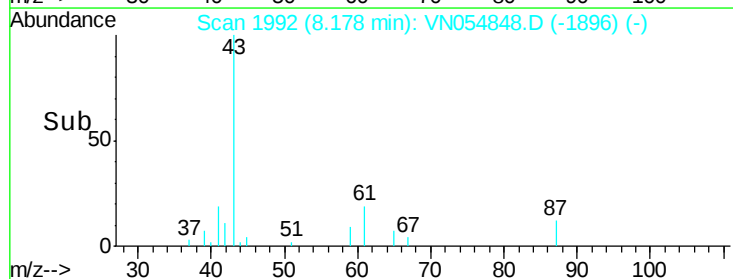
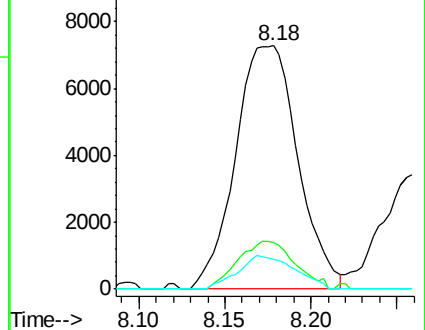
87 12.6 12.0 18.0

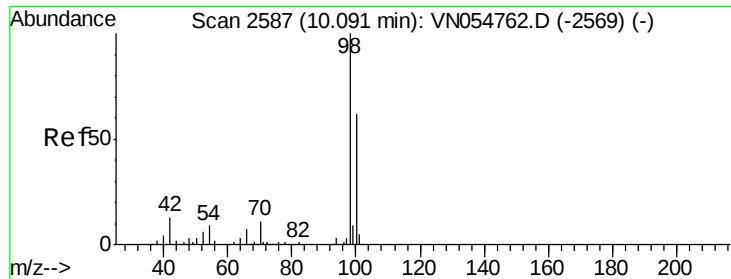


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 48.426 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

Instrument :

MSVOA_N

ClientSampled :

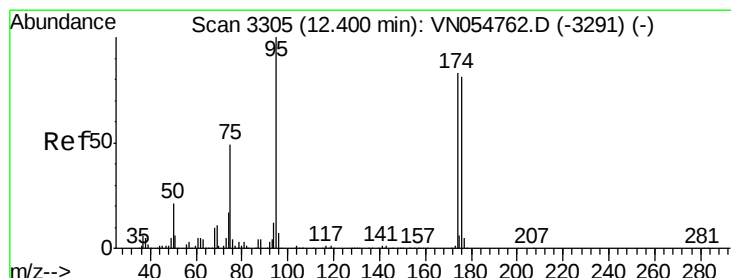
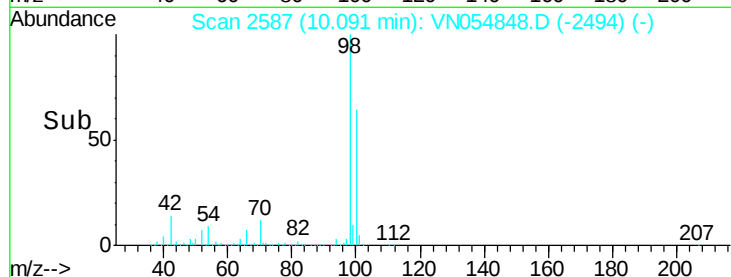
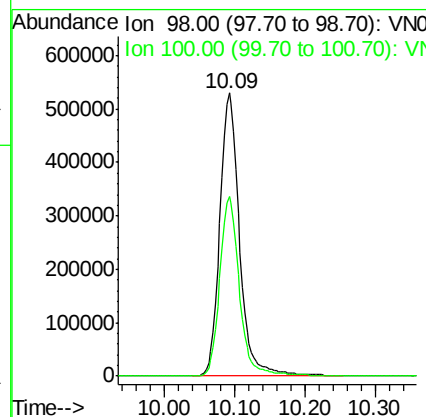
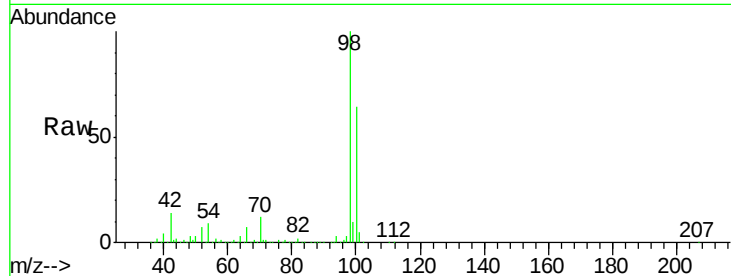
TP-4S

Tgt Ion: 98 Resp: 1030571

Ion Ratio Lower Upper

98 100

100 63.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.152 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

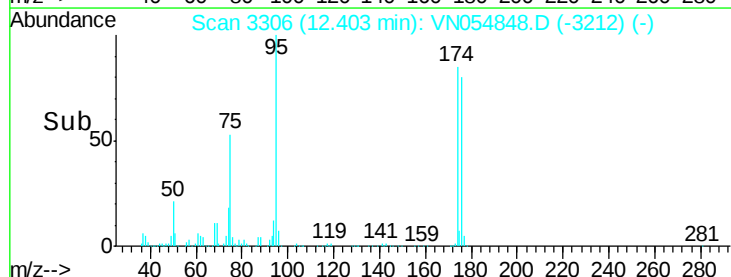
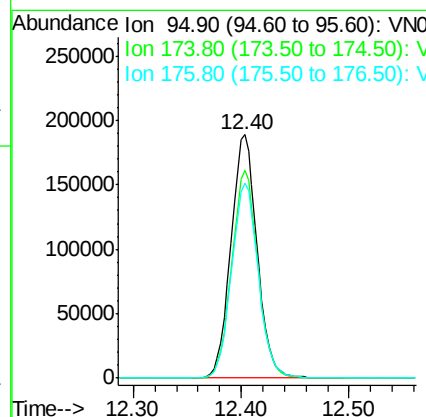
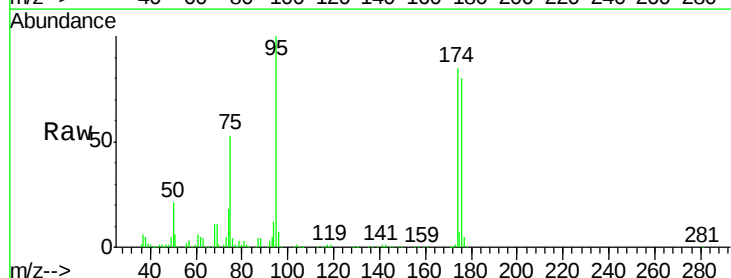
Tgt Ion: 95 Resp: 319569

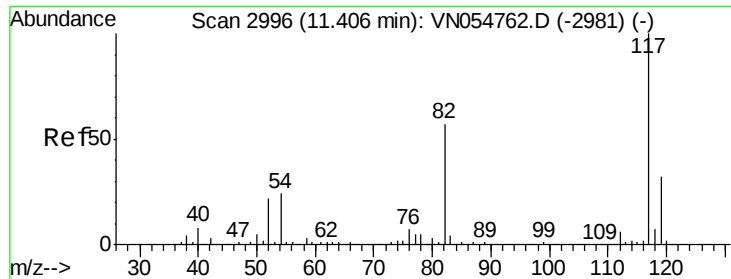
Ion Ratio Lower Upper

95 100

174 85.4 0.0 191.0

176 81.8 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

Instrument :

MSVOA_N

ClientSampled :

TP-4S

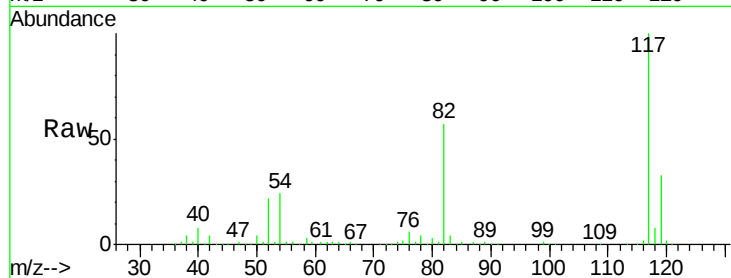
Tgt Ion:117 Resp: 735629

Ion Ratio Lower Upper

117 100

82 56.6 40.0 60.0

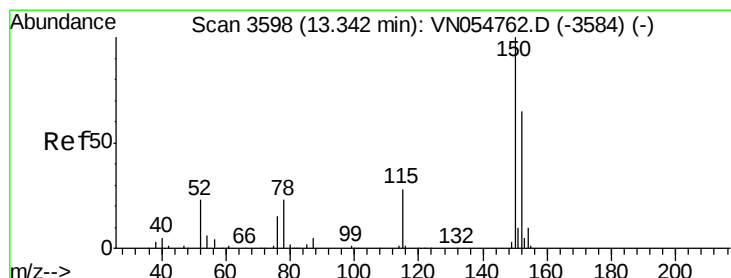
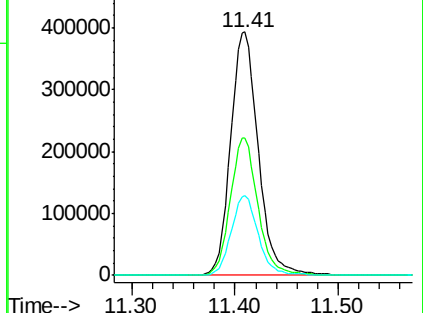
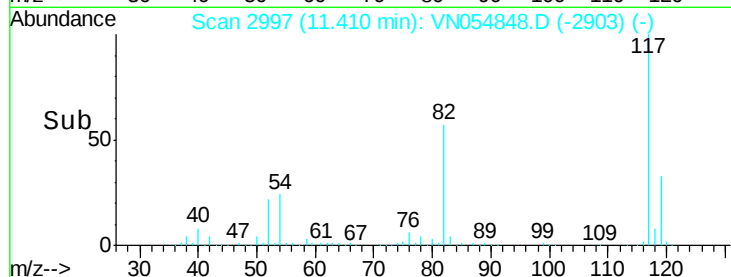
119 32.9 25.8 38.6



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

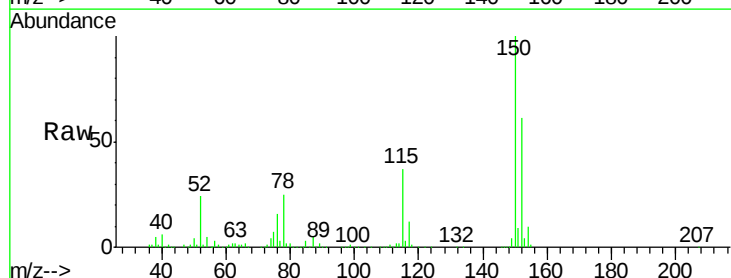
Tgt Ion:152 Resp: 273136

Ion Ratio Lower Upper

152 100

115 59.7 27.2 81.6

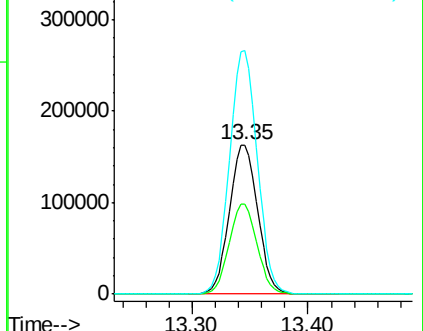
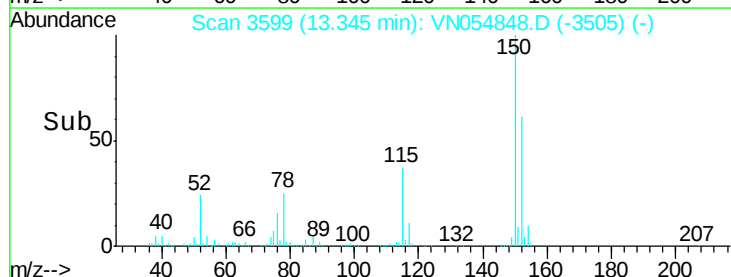
150 160.9 0.0 349.2

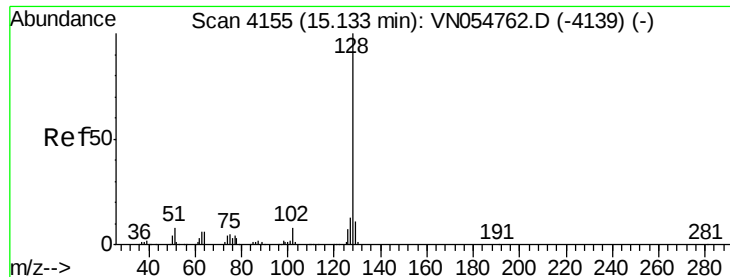


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 8.891 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054848.D

Acq: 31 Mar 2019 14:12

Instrument :

MSVOA_N

ClientSampleId :

TP-4S

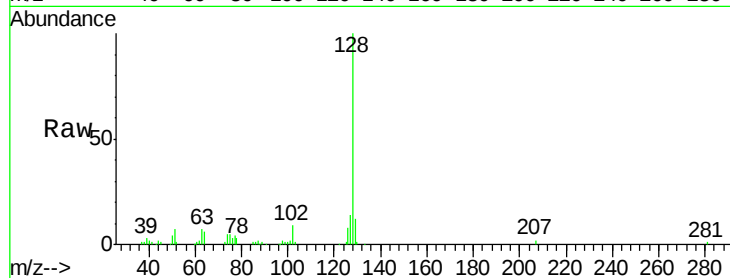
Tgt Ion:128 Resp: 87525

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

