

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054833.D
 Acq On : 31 Mar 2019 5:43
 Operator : JC/SP
 Sample : K2153-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1

Quant Time: Apr 01 02:02:20 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

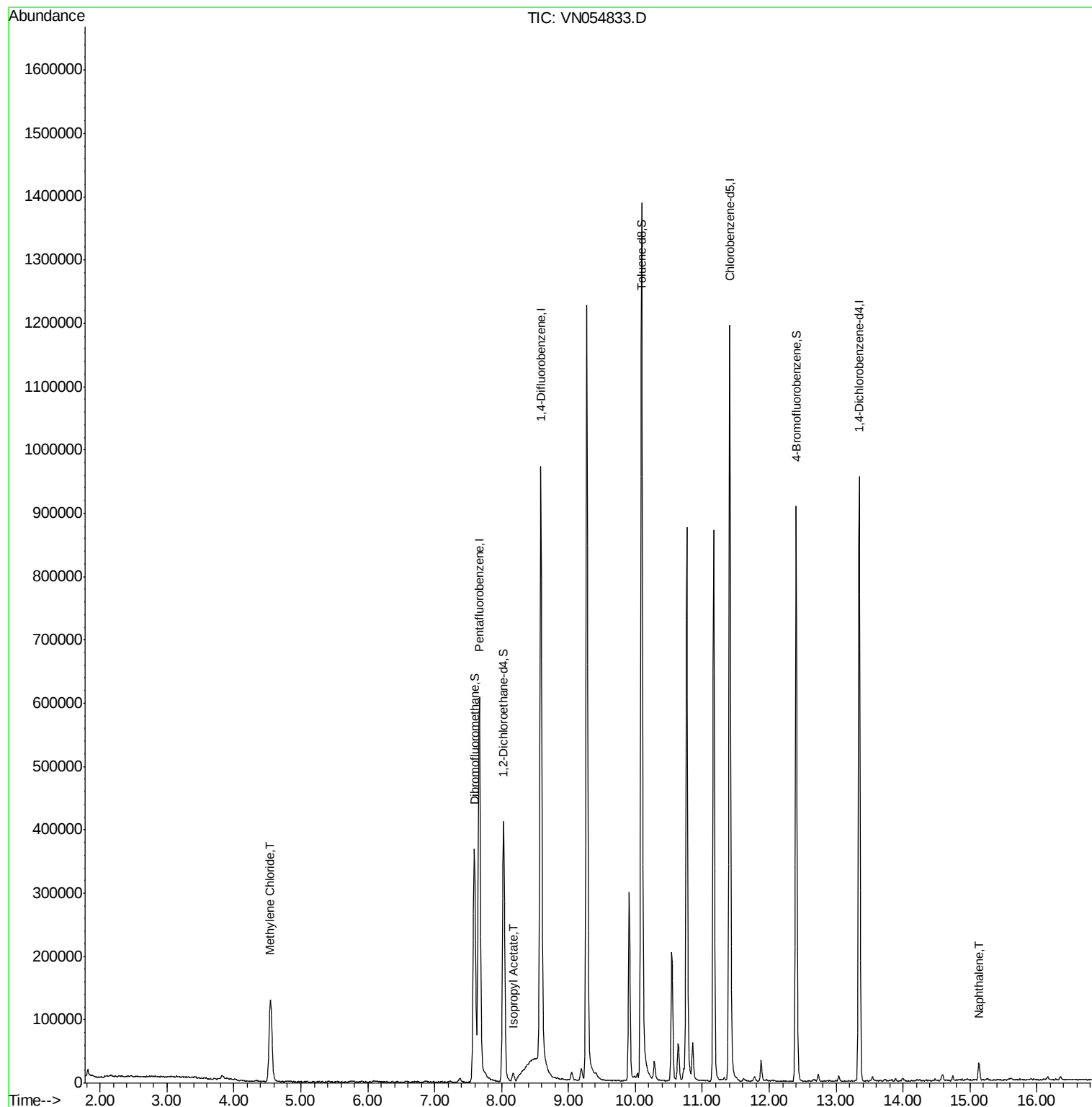
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	511995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	856724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	717497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	256682	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	354807	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
35) Dibromofluoromethane	7.59	113	275592	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	10.09	98	1018393	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	12.40	95	305735	43.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.58%	
Target Compounds						
20) Methylene Chloride	4.55	84	89591	15.432	ug/l #	84
43) Isopropyl Acetate	8.17	43	14491	1.523	ug/l	96
95) Naphthalene	15.13	128	22649	2.448	ug/l	97

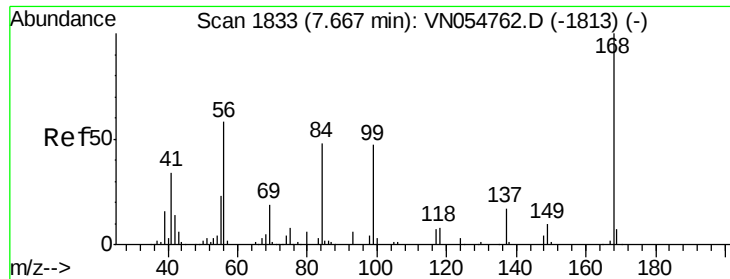
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054833.D

Acq: 31 Mar 2019 5:43

Instrument :

MSVOA_N

ClientSampleId :

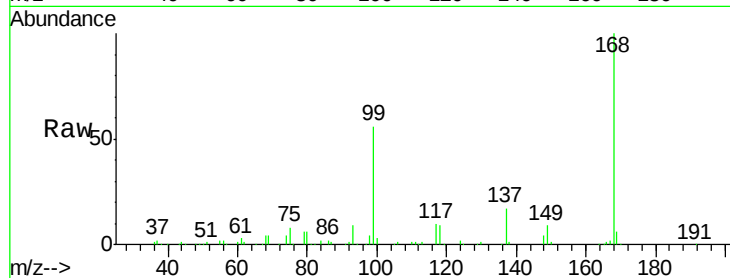
SP-1

Tot Ion:168 Resp: 511995

Ion Ratio Lower Upper

168 100

99 55.7 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

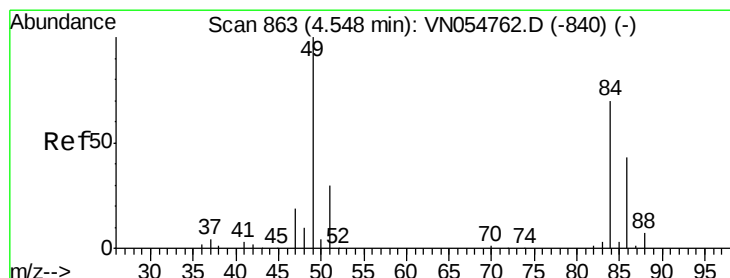
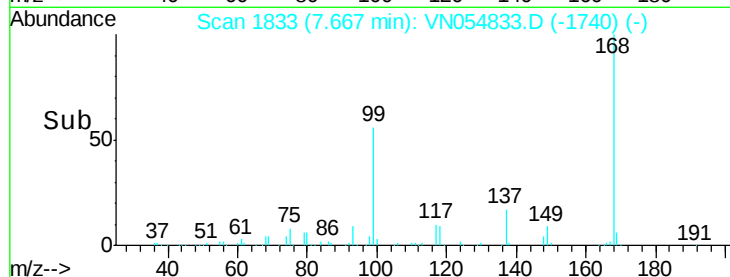
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 15.432 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.00 min

Lab File: VN054833.D

Acq: 31 Mar 2019 5:43

Tgt Ion: 84 Resp: 89591

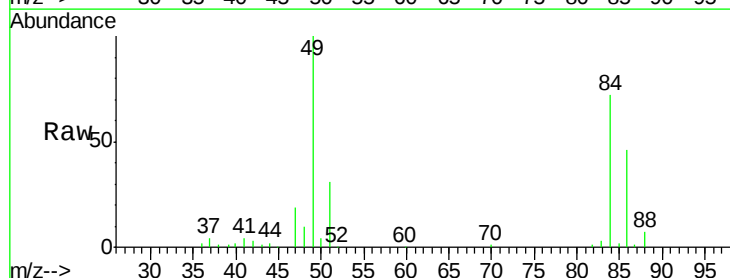
Ion Ratio Lower Upper

84 100

49 139.7 89.7 134.5#

51 43.2 28.2 42.4#

86 63.9 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

60000

50000

40000

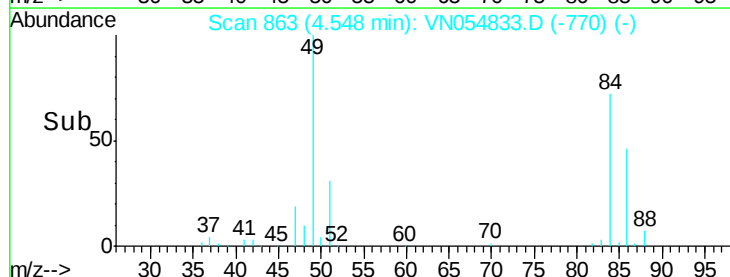
30000

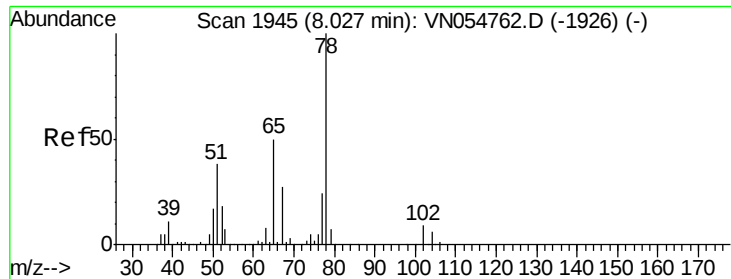
20000

10000

0

Time-->

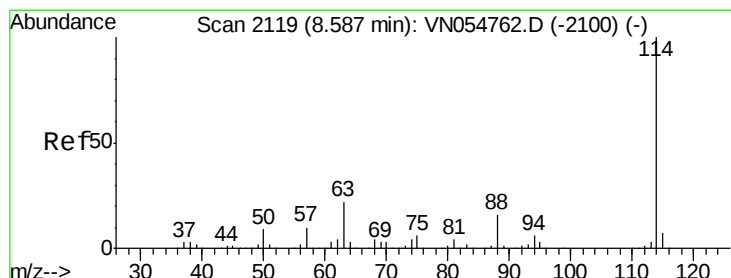
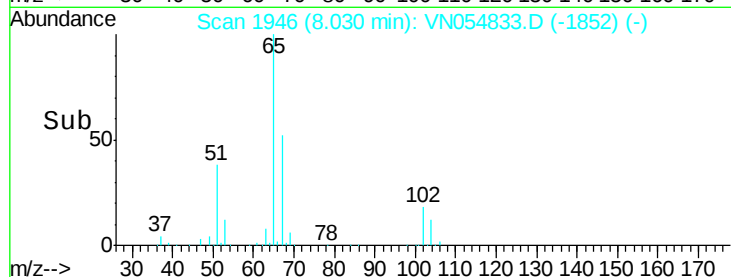
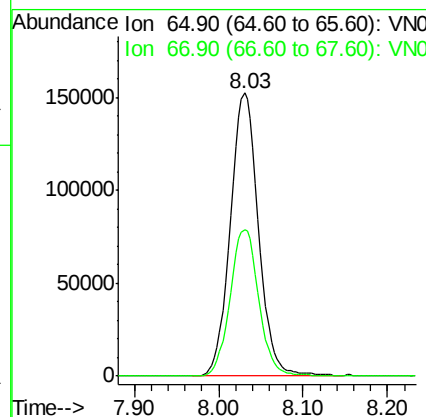
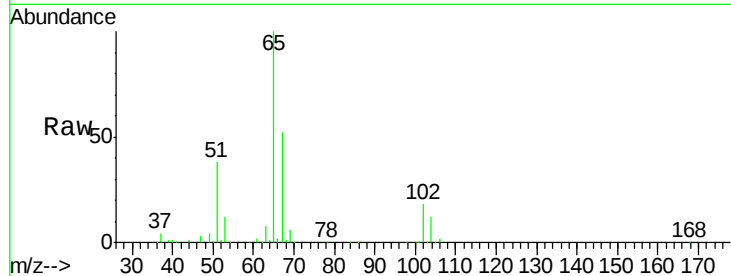




#33
 1,2-Dichloroethane-d4
 Concen: 51.408 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054833.D
 Acq: 31 Mar 2019 5:43

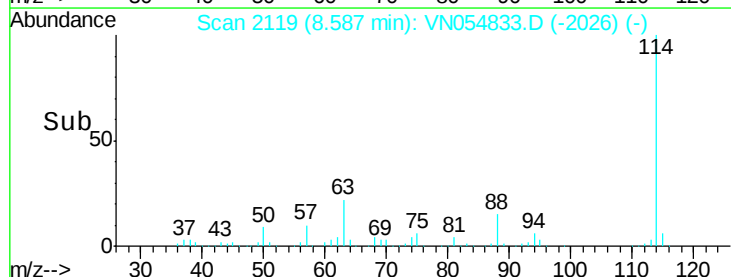
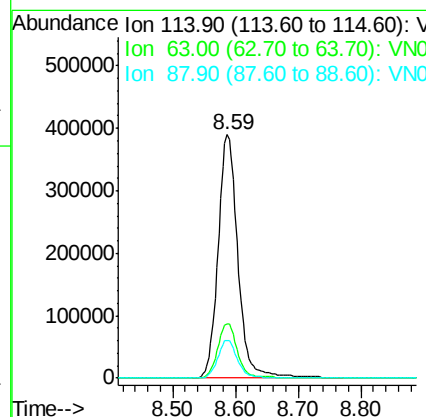
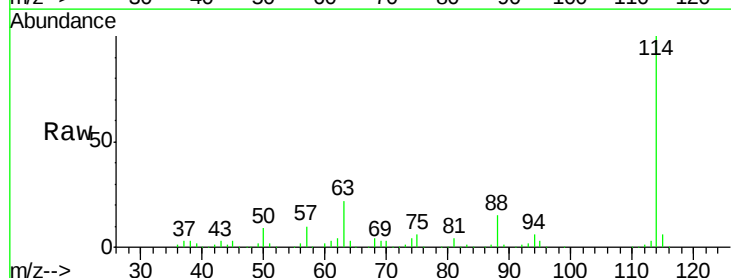
Instrument :
 MSVOA_N
 ClientSampleId :
 SP-1

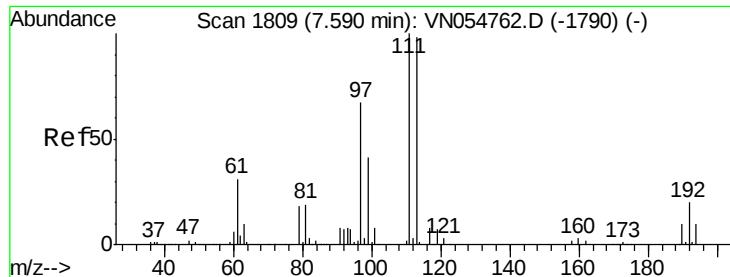
Tot Ion: 65 Resp: 354807
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054833.D
 Acq: 31 Mar 2019 5:43

Tgt Ion: 114 Resp: 856724
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 35.2
 88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.250 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054833.D

Acq: 31 Mar 2019 5:43

Instrument :

MSVOA_N

ClientSampled :

SP-1

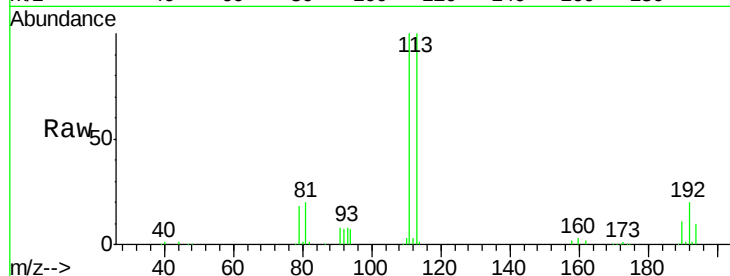
Tot Ion:113 Resp: 275592

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

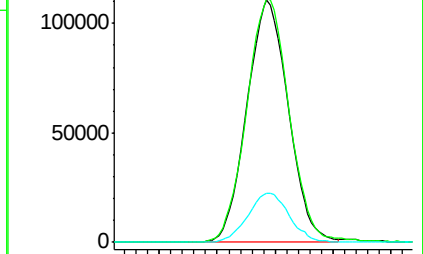
192 20.5 19.2 28.8



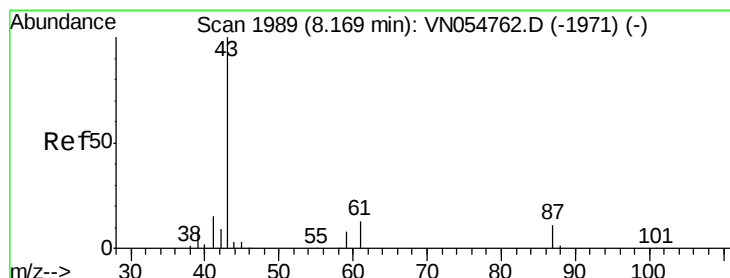
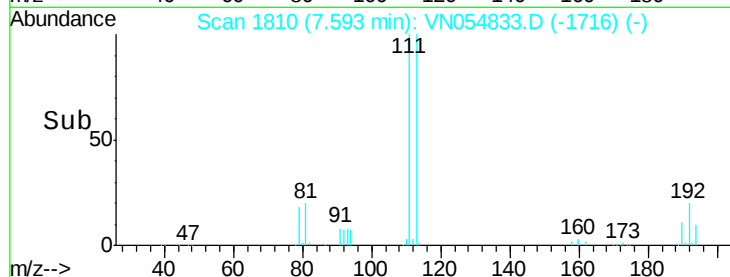
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#43

Isopropyl Acetate

Concen: 1.523 ug/l

RT: 8.17 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054833.D

Acq: 31 Mar 2019 5:43

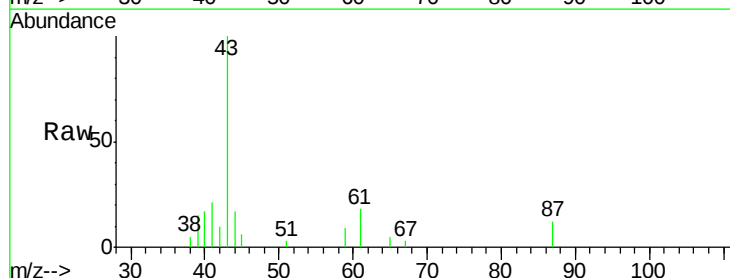
Tgt Ion: 43 Resp: 14491

Ion Ratio Lower Upper

43 100

61 18.2 15.8 23.8

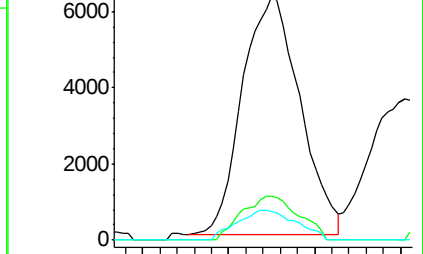
87 12.9 12.0 18.0



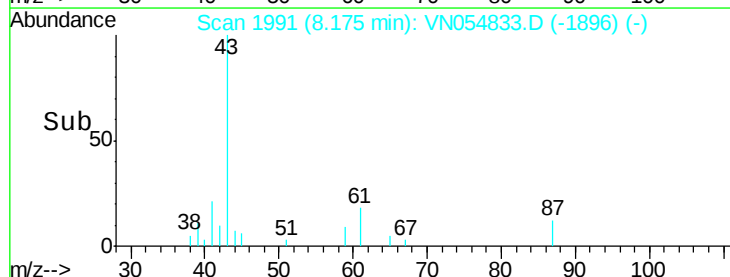
Abundance Ion 43.00 (42.70 to 43.70): VNO

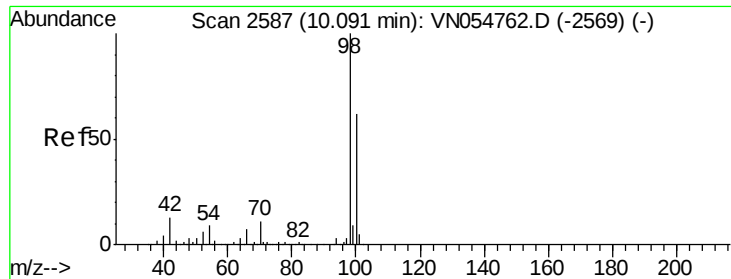
Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO



Time-->





#50

Toluene-d8

Concen: 47.959 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054833.D

Acq: 31 Mar 2019 5:43

Instrument :

MSVOA_N

ClientSampled :

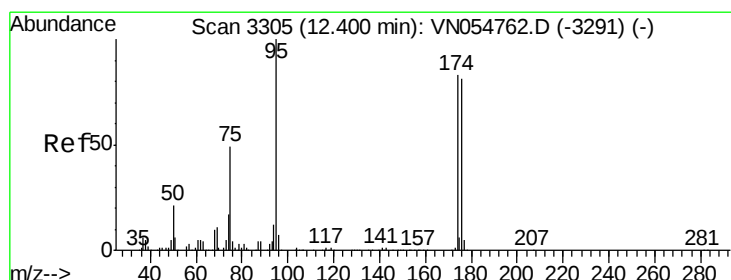
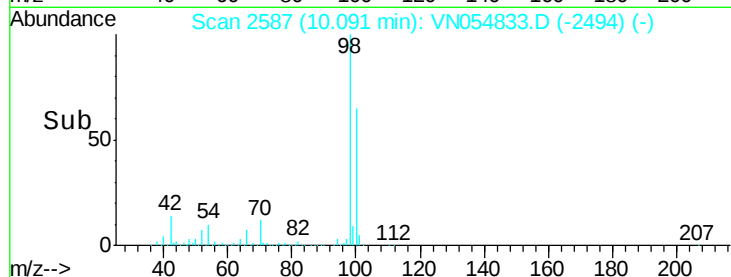
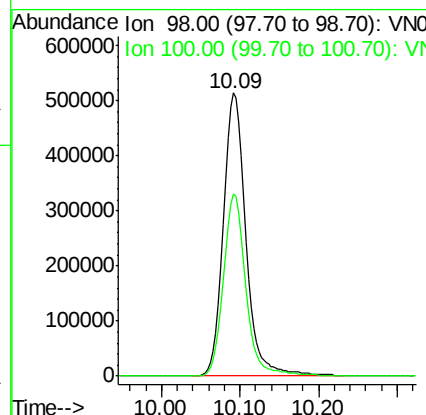
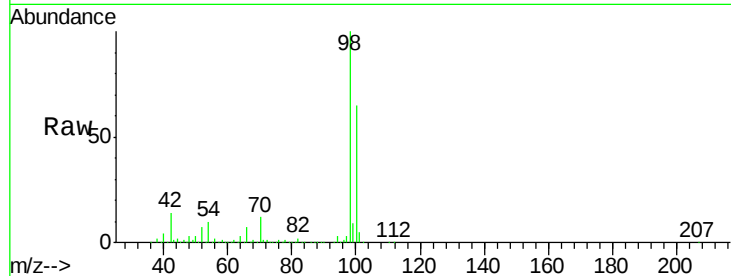
SP-1

Tot Ion: 98 Resp: 1018393

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 43.292 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054833.D

Acq: 31 Mar 2019 5:43

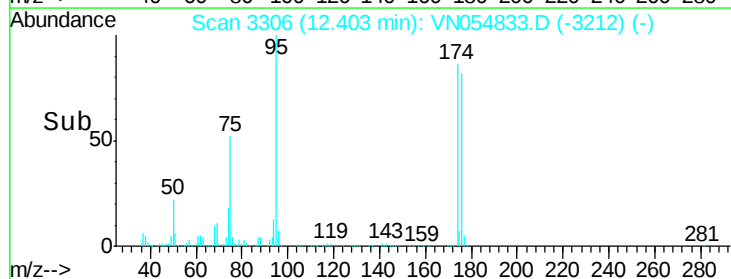
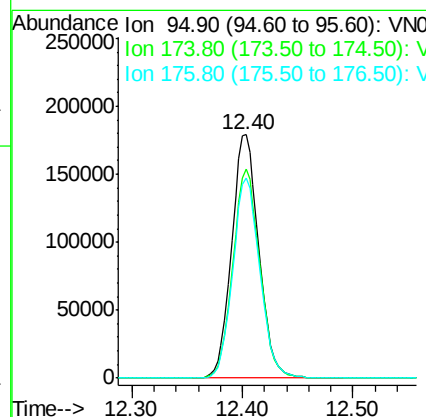
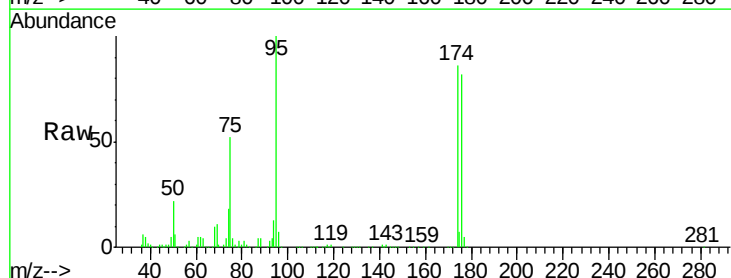
Tgt Ion: 95 Resp: 305735

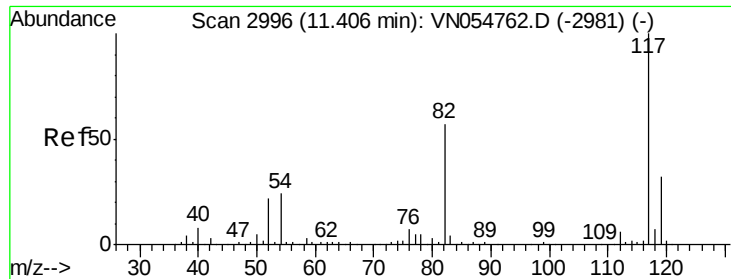
Ion Ratio Lower Upper

95 100

174 85.5 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: VN054833.D

Acq: 31 Mar 2019 5:43

Instrument :

MSVOA_N

ClientSampled :

SP-1

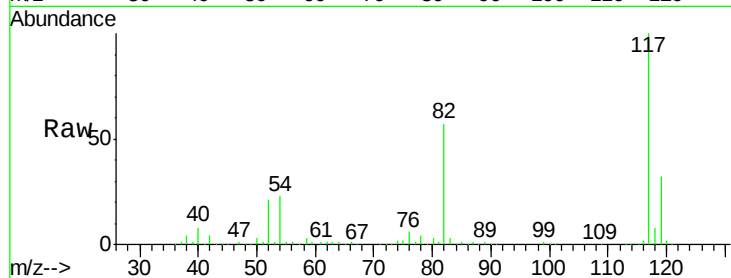
Tot Ion:117 Resp: 717497

Ion Ratio Lower Upper

117 100

82 56.6 40.0 60.0

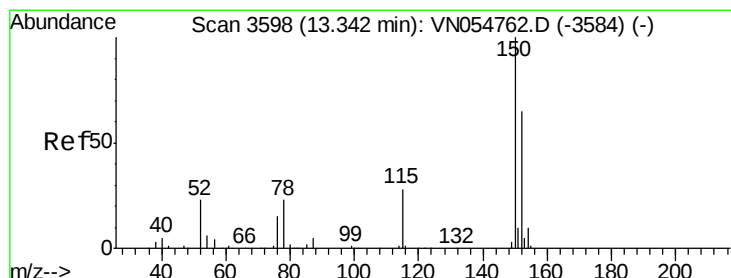
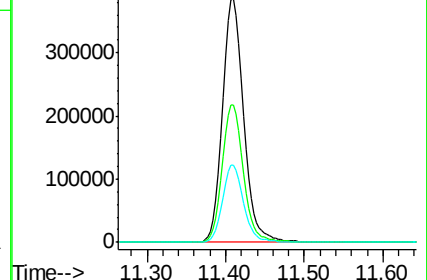
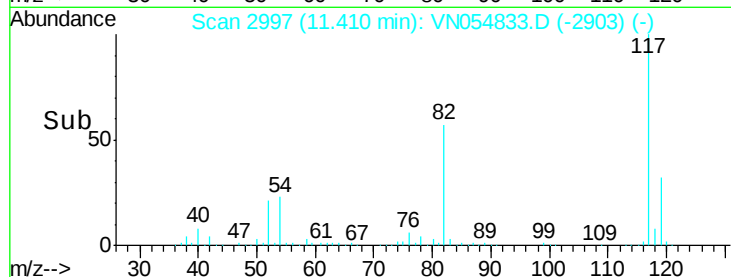
119 31.8 25.8 38.6



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: VN054833.D

Acq: 31 Mar 2019 5:43

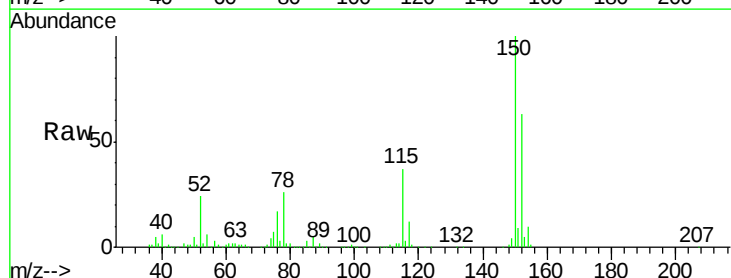
Tgt Ion:152 Resp: 256682

Ion Ratio Lower Upper

152 100

115 57.4 27.2 81.6

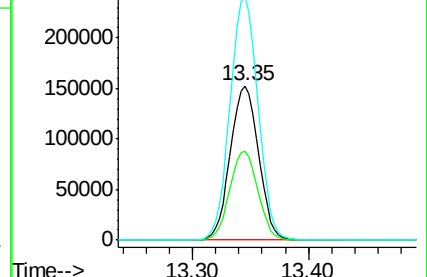
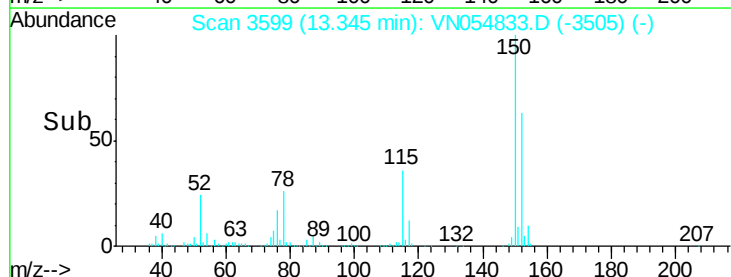
150 155.9 0.0 349.2

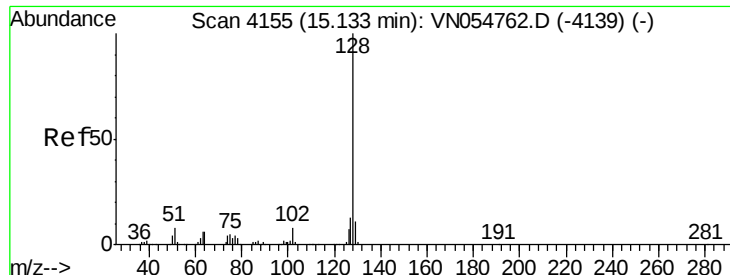


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 2.448 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054833.D

Acq: 31 Mar 2019 5:43

Instrument :

MSVOA_N

ClientSampleId :

SP-1

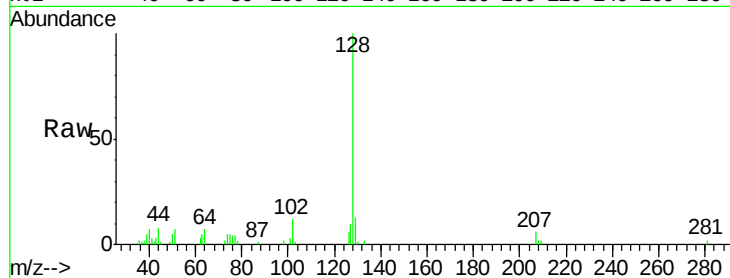
Tot Ion:128 Resp: 22649

Ion Ratio Lower Upper

128 100

127 11.6 10.1 15.1

129 12.0 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

