

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054906.D
 Acq On : 2 Apr 2019 17:09
 Operator : JC/SP
 Sample : K2190-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN-SP-2

Quant Time: Apr 03 06:44:18 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

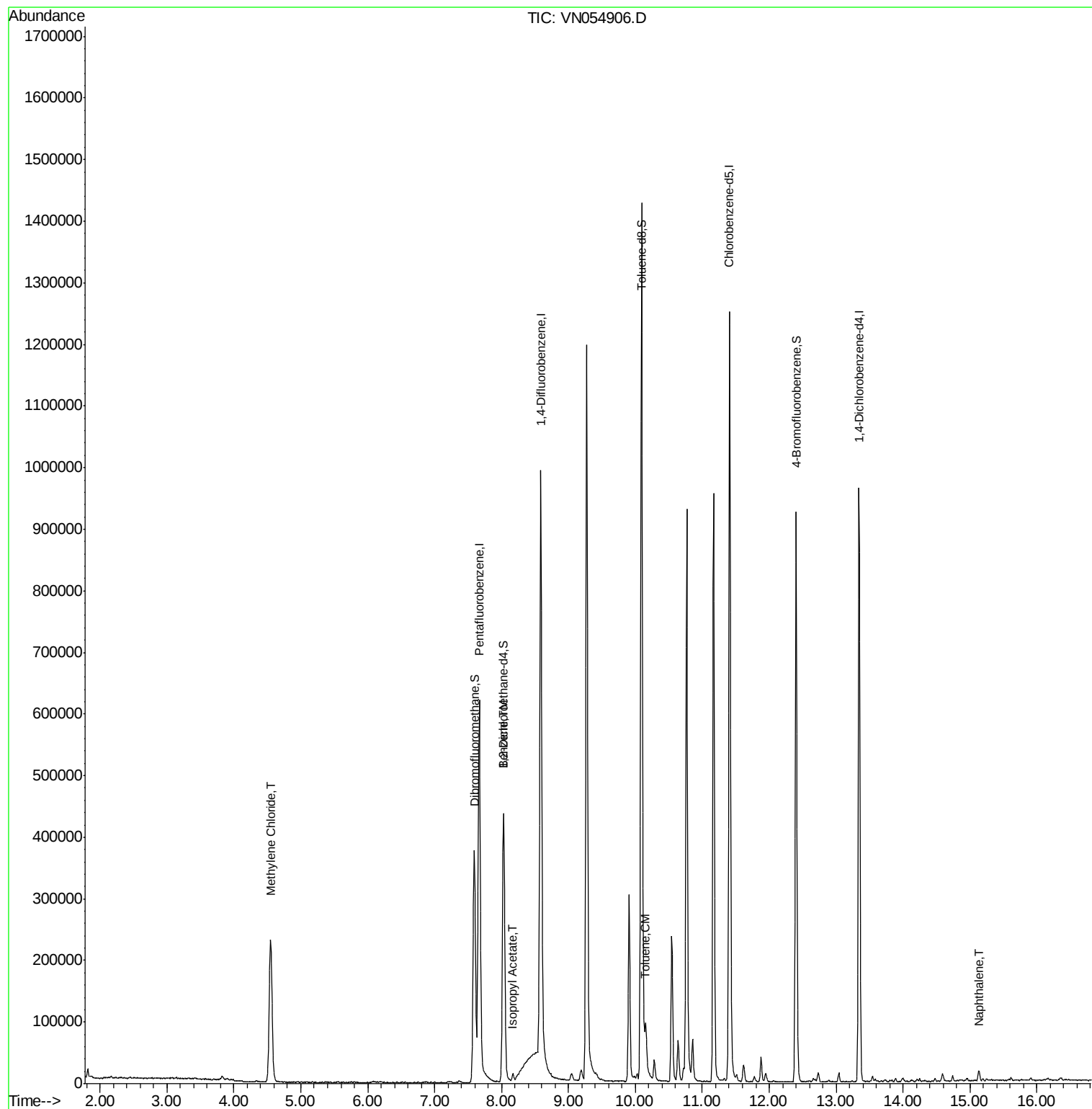
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	526368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	888979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	734344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	257674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	355822	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
35) Dibromofluoromethane	7.59	113	282432	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
50) Toluene-d8	10.09	98	1047159	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
62) 4-Bromofluorobenzene	12.40	95	315331	43.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.06%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.55	84	160425	26.878	ug/l #	82
40) Benzene	8.04	78	44935	1.896	ug/l	99
43) Isopropyl Acetate	8.17	43	14321	1.451	ug/l #	96
52) Toluene	10.16	92	27846	1.974	ug/l	96
95) Naphthalene	15.13	128	15203	1.637	ug/l #	91

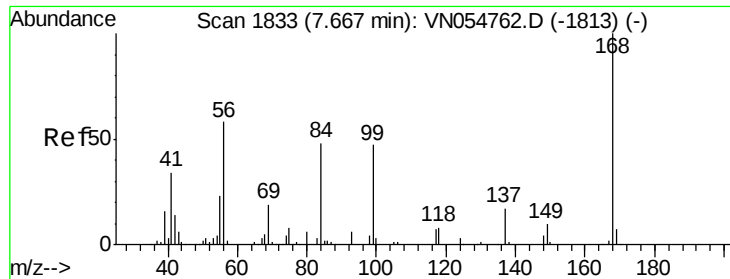
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040219\
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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: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

ClientSampleId :

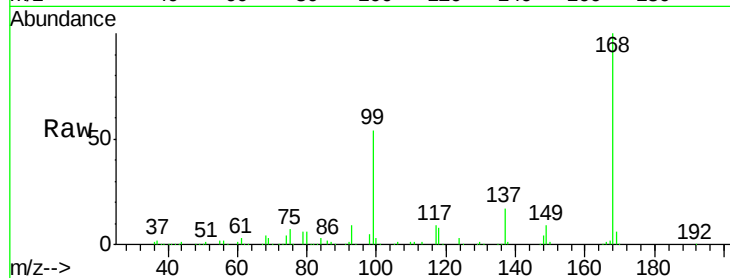
VN-SP-2

Tot Ion:168 Resp: 526368

Ion Ratio Lower Upper

168 100

99 54.1 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

250000

200000

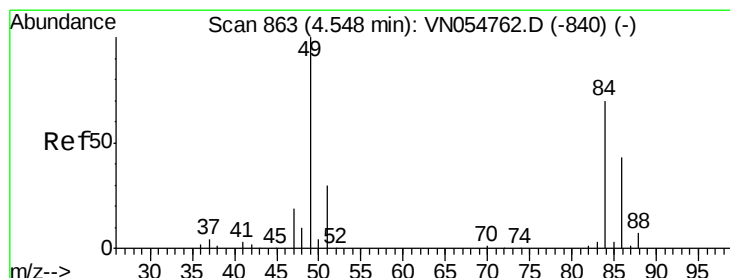
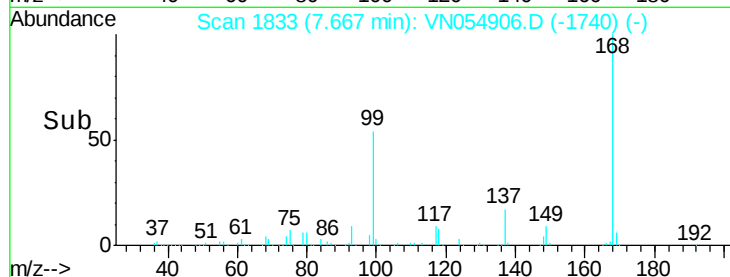
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 26.878 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.00 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Tgt Ion: 84 Resp: 160425

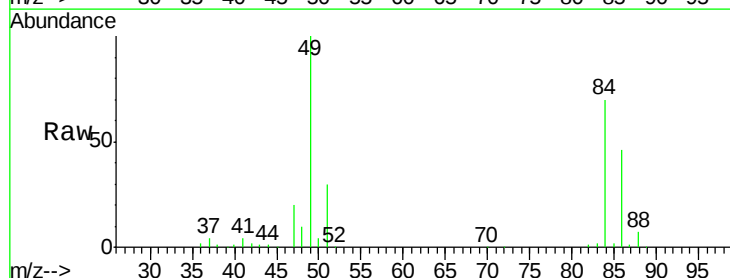
Ion Ratio Lower Upper

84 100

49 142.0 89.7 134.5#

51 42.3 28.2 42.4

86 65.8 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

100000

80000

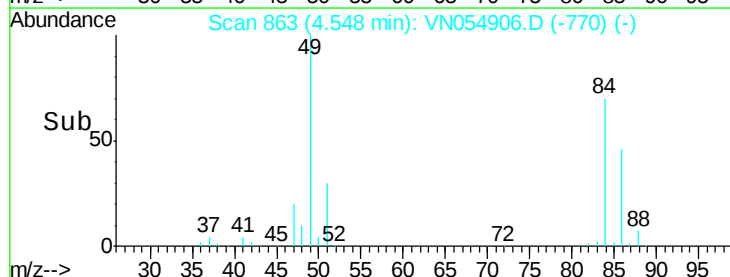
60000

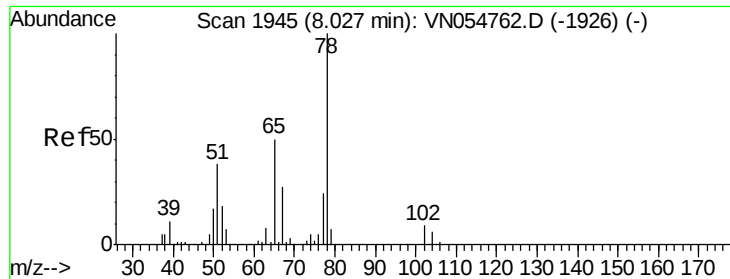
40000

20000

0

Time-->

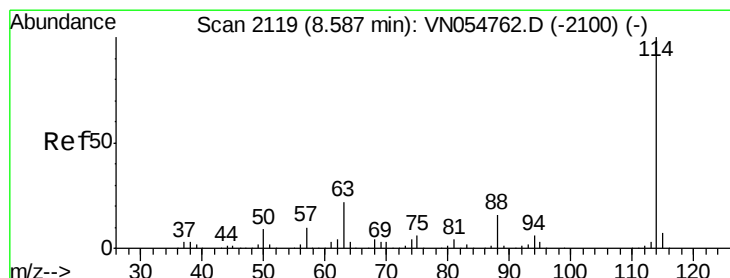
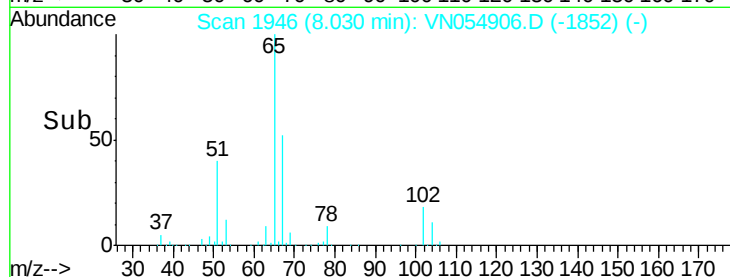
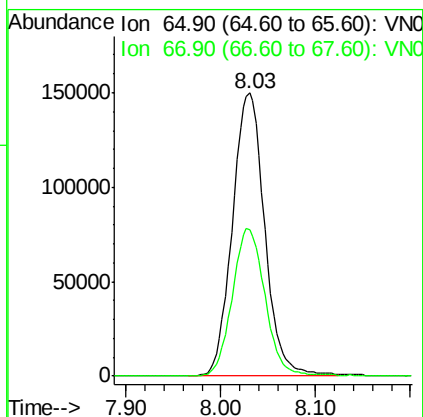
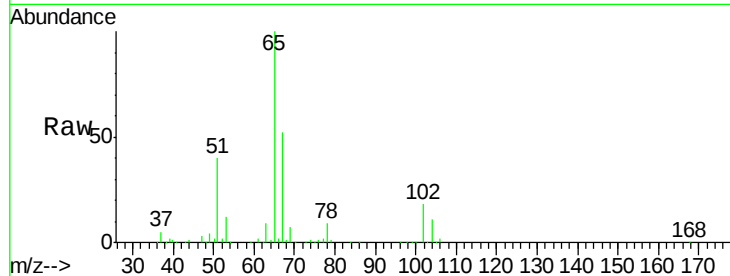




#33
 1,2-Dichloroethane-d4
 Concen: 50.147 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054906.D
 Acq: 2 Apr 2019 17:09

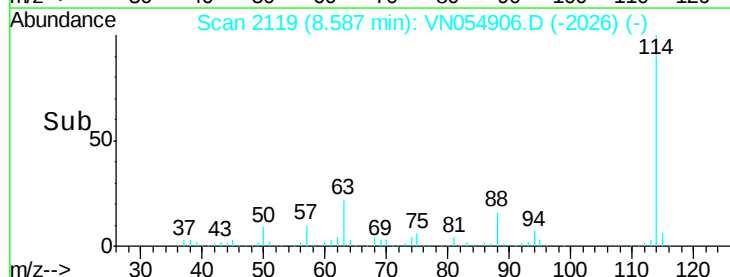
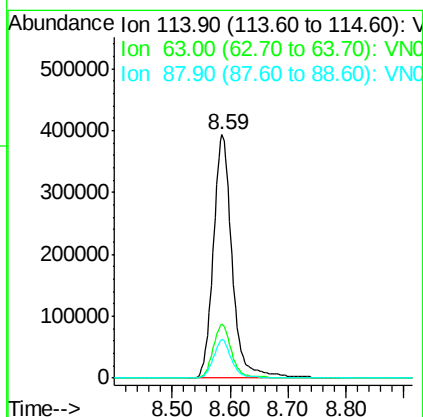
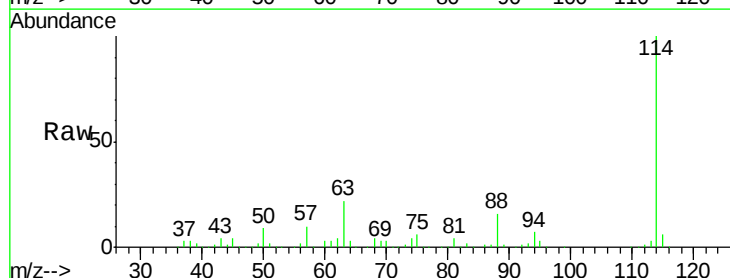
Instrument :
 MSVOA_N
 ClientSampleId :
 VN-SP-2

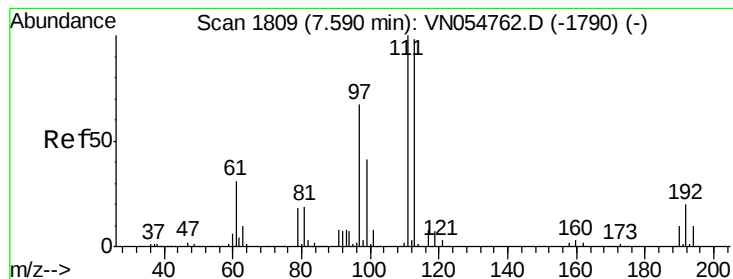
Tot Ion: 65 Resp: 355822
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054906.D
 Acq: 2 Apr 2019 17:09

Tgt Ion: 114 Resp: 888979
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 35.2
 88 16.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.654 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

ClientSampled :

VN-SP-2

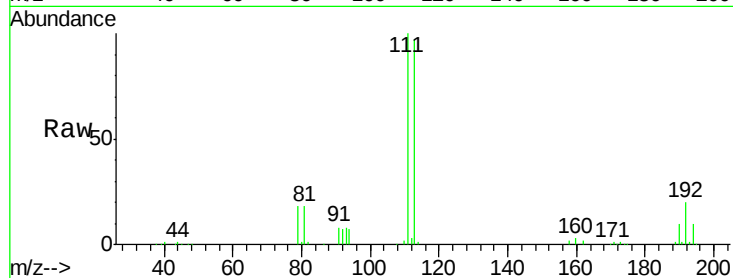
Tot Ion:113 Resp: 282432

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

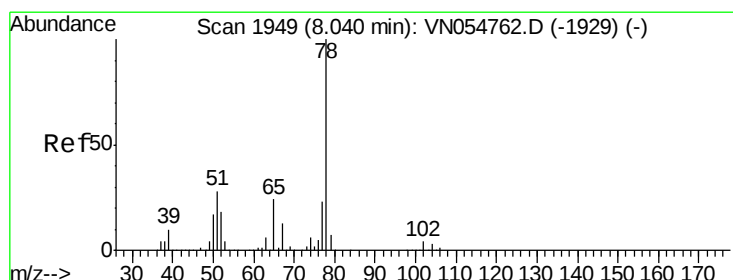
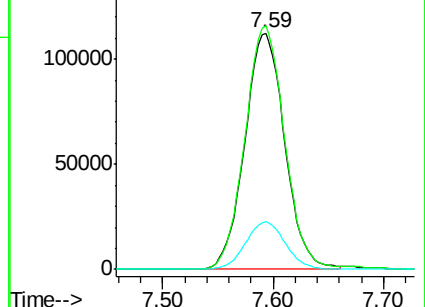
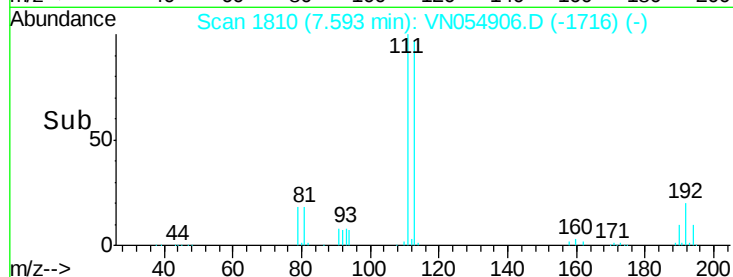
192 20.1 19.2 28.8



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



#40

Benzene

Concen: 1.896 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN054906.D

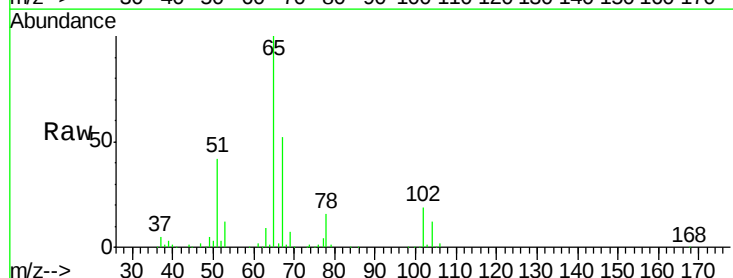
Acq: 2 Apr 2019 17:09

Tgt Ion: 78 Resp: 44935

Ion Ratio Lower Upper

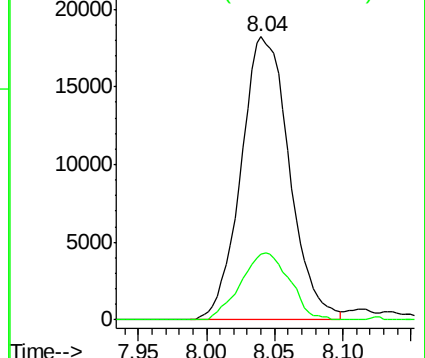
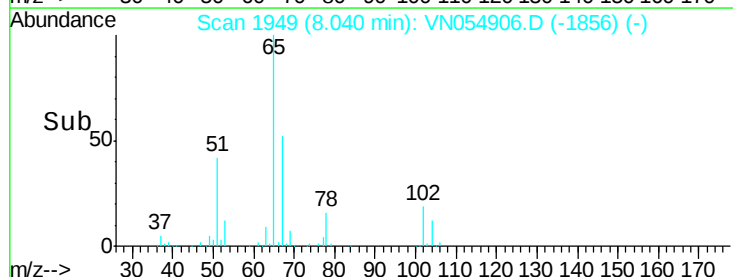
78 100

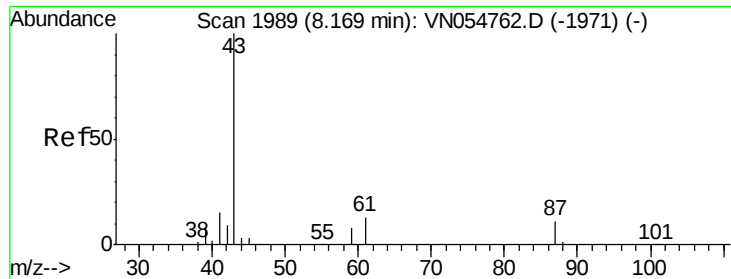
77 23.4 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V





#43

Isopropyl Acetate

Concen: 1.451 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN-SP-2

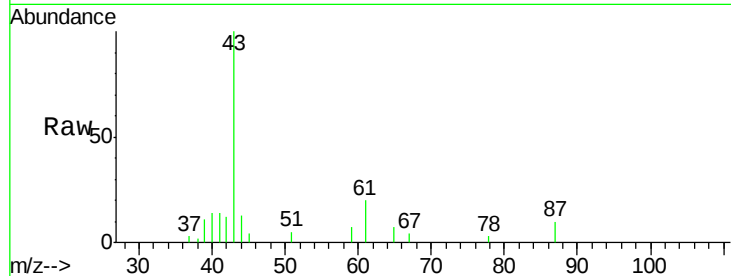
Tot Ion: 43 Resp: 14321

Ion Ratio Lower Upper

43 100

61 19.3 15.8 23.8

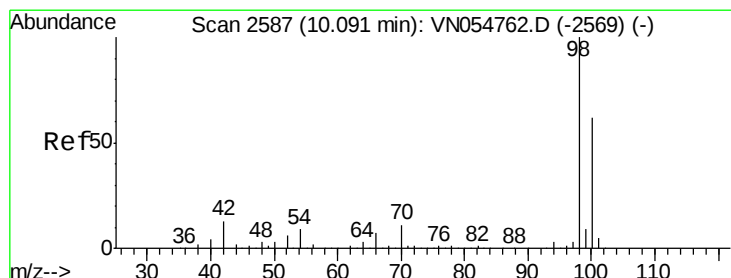
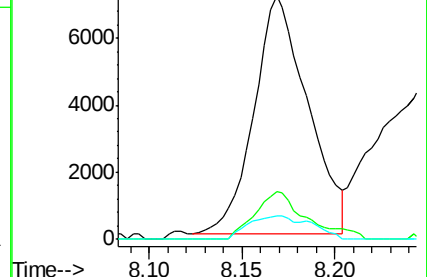
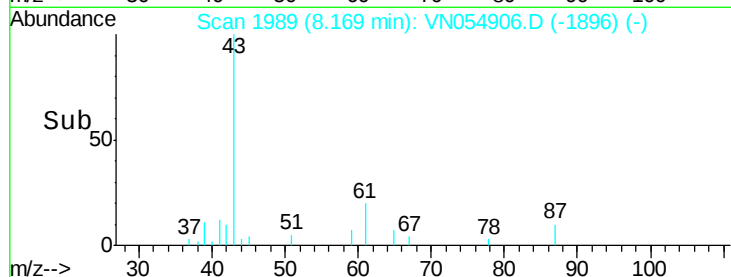
87 11.5 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054906.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054906.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054906.D (-1896) (-)



#50

Toluene-d8

Concen: 47.524 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054906.D

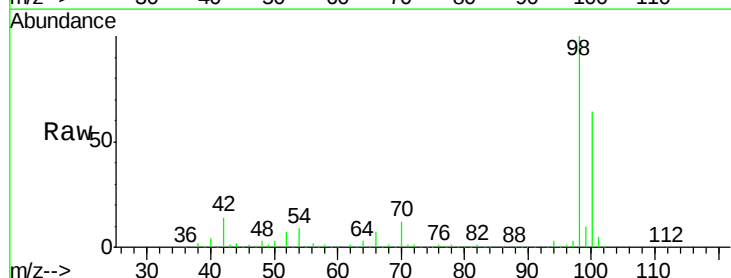
Acq: 2 Apr 2019 17:09

Tgt Ion: 98 Resp: 1047159

Ion Ratio Lower Upper

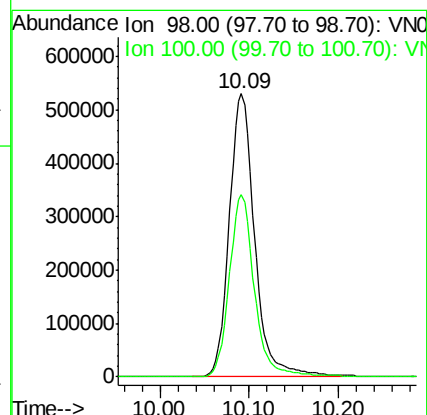
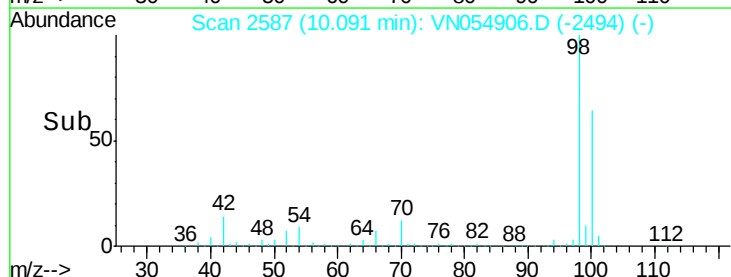
98 100

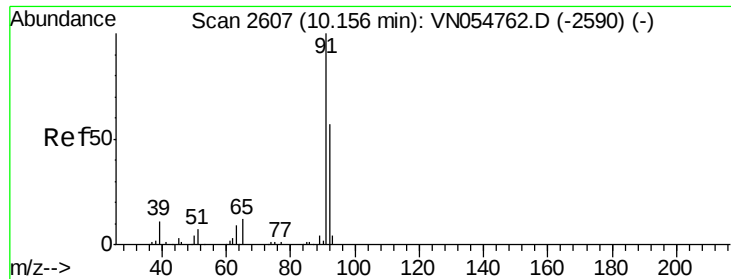
100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054906.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054906.D (-2494) (-)





#52

Toluene

Concen: 1.974 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

ClientSampled :

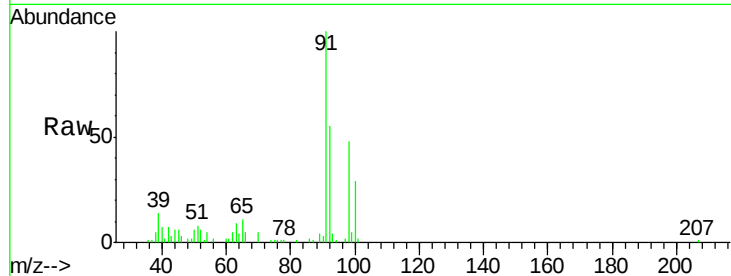
VN-SP-2

Tot Ion: 92 Resp: 27846

Ion Ratio Lower Upper

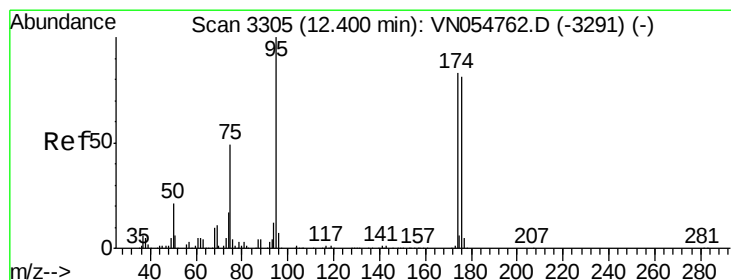
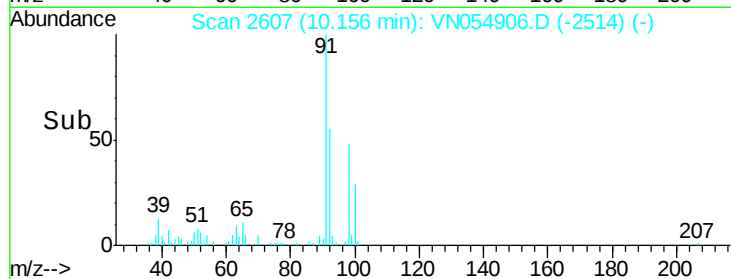
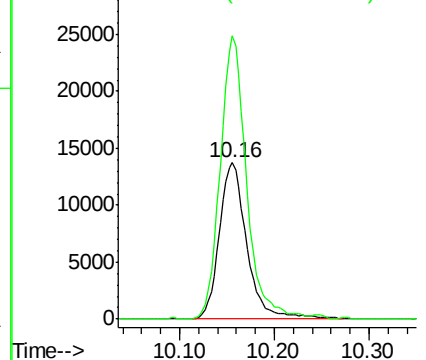
92 100

91 170.2 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 43.030 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

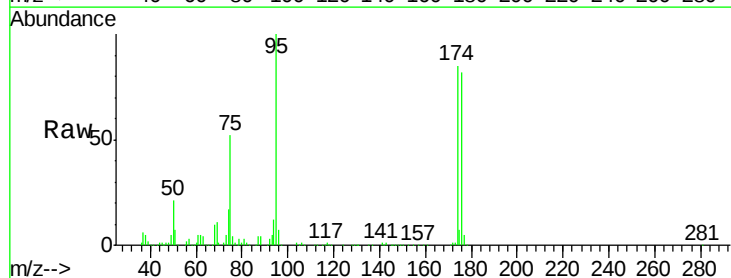
Tgt Ion: 95 Resp: 315331

Ion Ratio Lower Upper

95 100

174 84.2 0.0 191.0

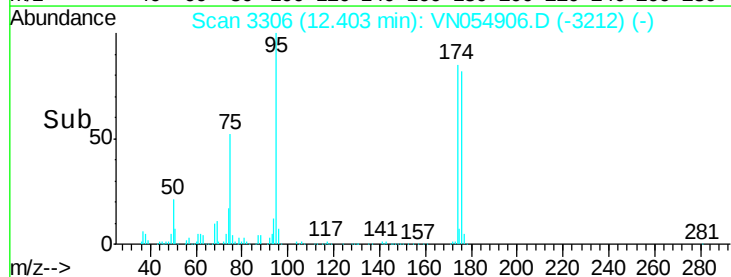
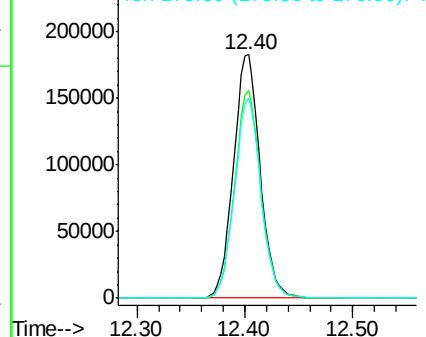
176 81.5 0.0 187.4

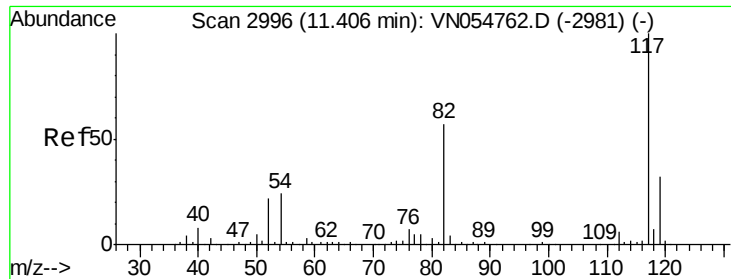


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

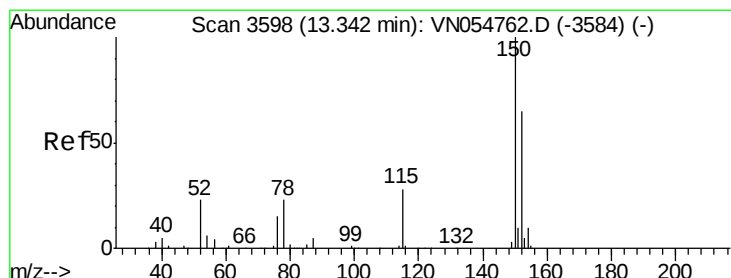
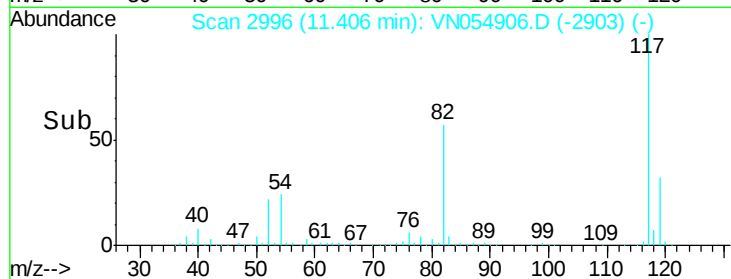
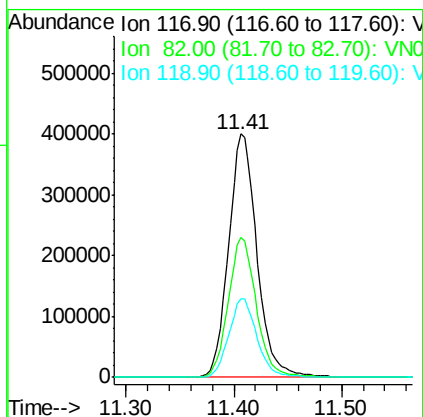
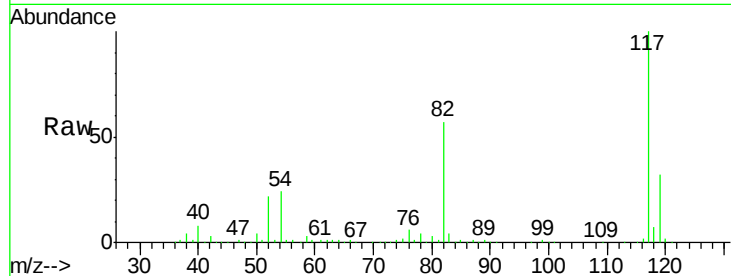




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054906.D
Acq: 2 Apr 2019 17:09

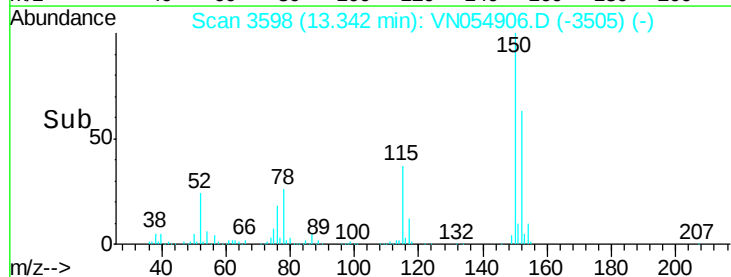
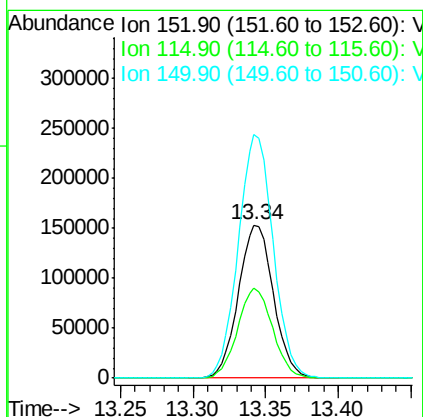
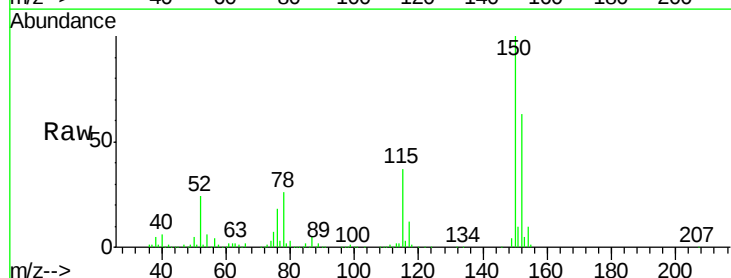
Instrument :
MSVOA_N
ClientSampled :
VN-SP-2

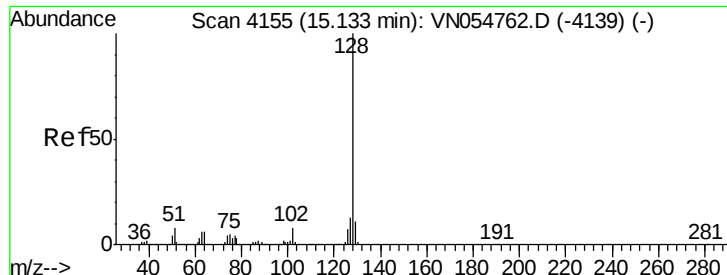
Tot Ion:117 Resp: 734344
Ion Ratio Lower Upper
117 100
82 57.4 40.0 60.0
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054906.D
Acq: 2 Apr 2019 17:09

Tgt Ion:152 Resp: 257674
Ion Ratio Lower Upper
152 100
115 58.7 27.2 81.6
150 158.5 0.0 349.2





#95

Naphthalene

Concen: 1.637 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

ClientSampleId :

VN-SP-2

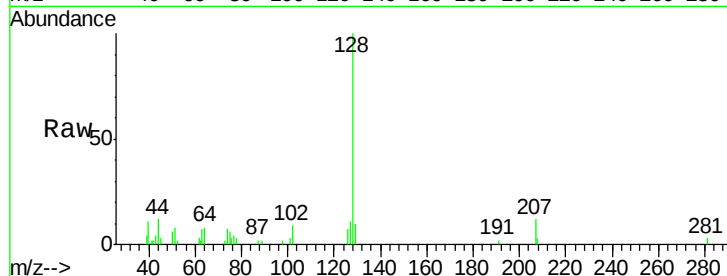
Tot Ion:128 Resp: 15203

Ion Ratio Lower Upper

128 100

127 7.2 10.1 15.1#

129 9.7 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

