

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030219\
 Data File : VN054042.D
 Acq On : 1 Mar 2019 21:02
 Operator : JC/SP
 Sample : K1665-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 200031

Quant Time: Mar 02 05:42:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

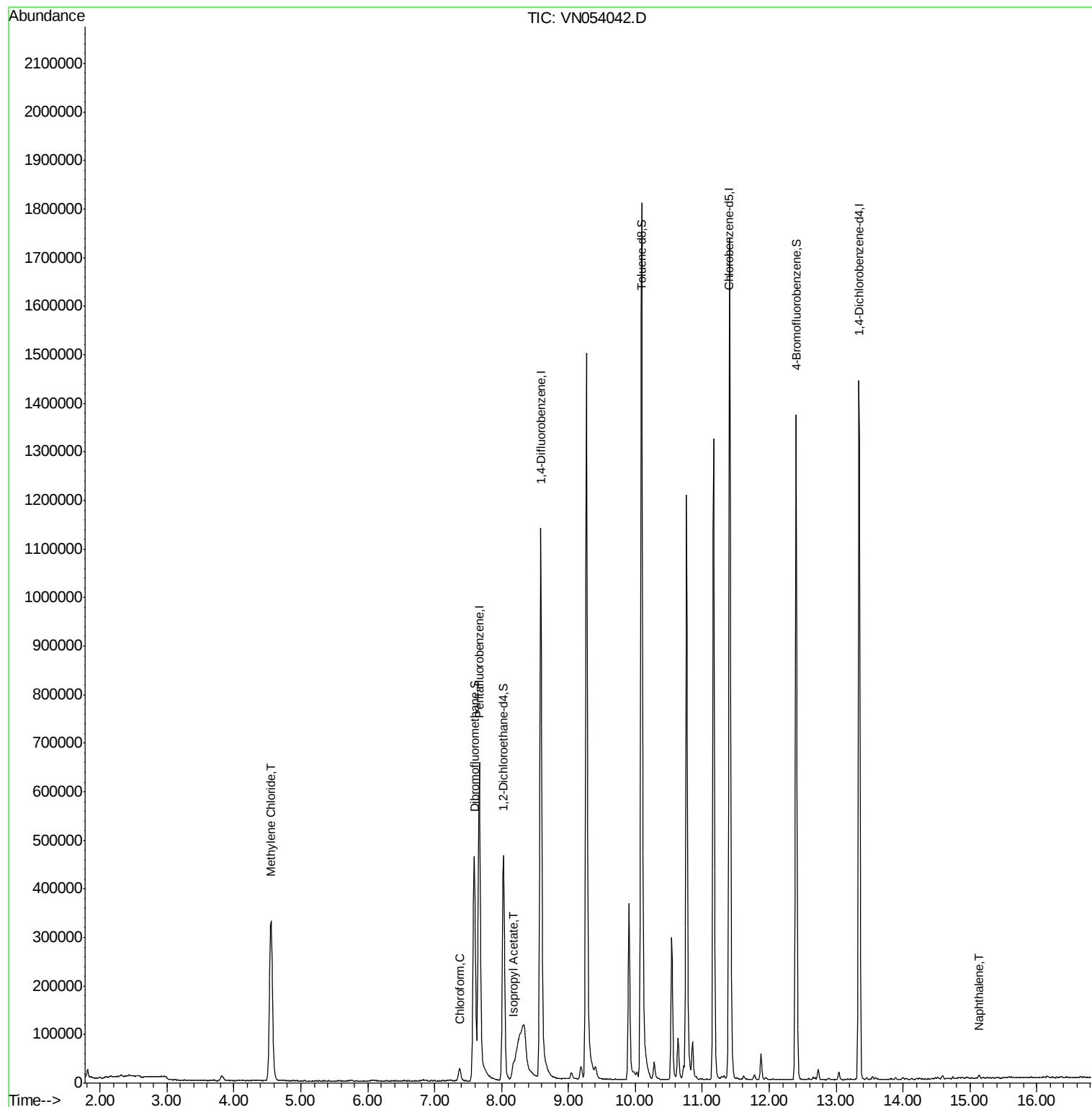
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	613037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1122035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1101233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	403399	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	405657	56.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.90%	
35) Dibromofluoromethane	7.59	113	366465	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
50) Toluene-d8	10.09	98	1424622	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.40	95	482695	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
Target Compounds						
20) Methylene Chloride	4.55	84	253671	35.666	ug/l	90
30) Chloroform	7.37	83	27759	2.280	ug/l	100
43) Isopropyl Acetate	8.17	43	32975	2.621	ug/l #	90
95) Naphthalene	15.13	128	5369	3.526	ug/l #	94

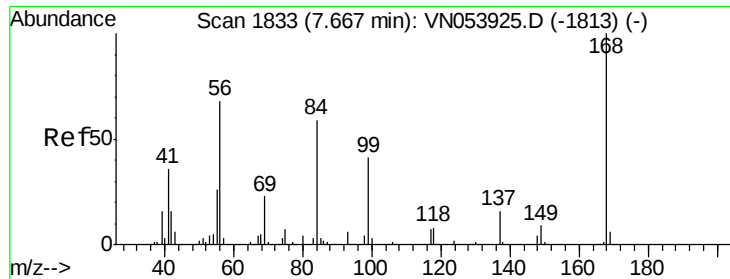
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN030219\
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QLast Update : Thu Feb 28 04:05:45 2019
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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: VN054042.D

Acq: 1 Mar 2019 21:02

Instrument :

MSVOA_N

ClientSampleId :

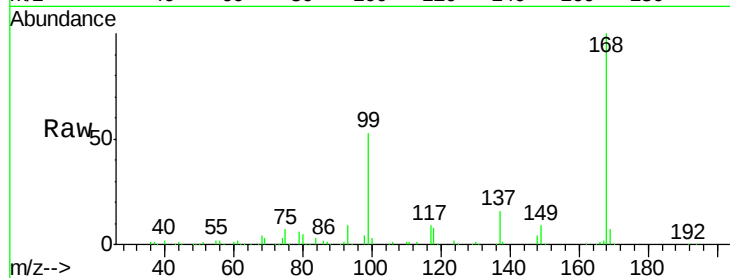
200031

Tot Ion:168 Resp: 613037

Ion Ratio Lower Upper

168 100

99 52.6 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

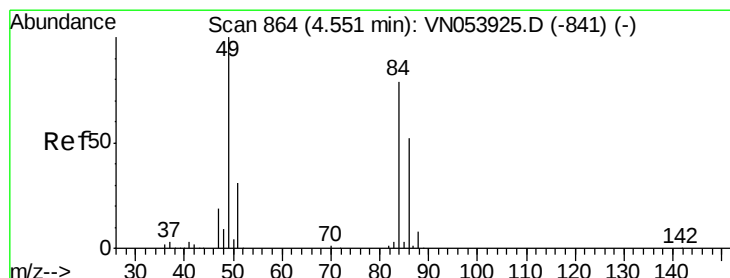
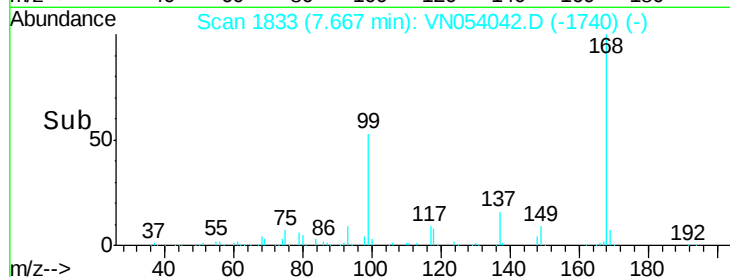
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 35.666 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054042.D

Acq: 1 Mar 2019 21:02

Tgt Ion: 84 Resp: 253671

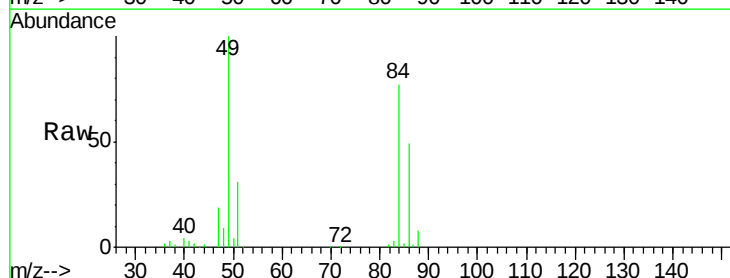
Ion Ratio Lower Upper

84 100

49 129.7 89.7 134.5

51 40.3 27.8 41.8

86 63.7 51.3 76.9



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

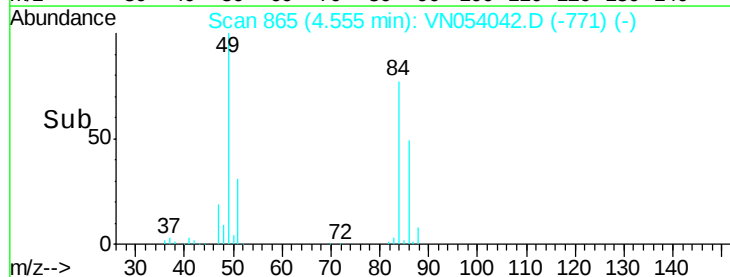
150000

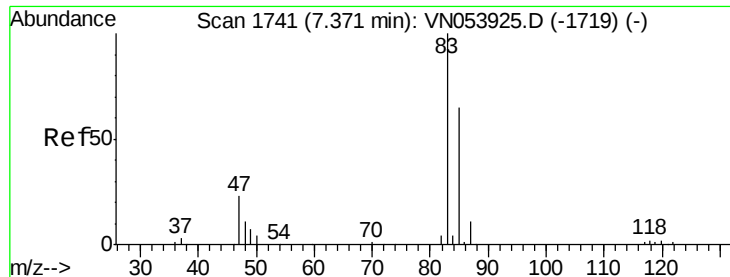
100000

50000

0

Time--> 4.40 4.50 4.60 4.70

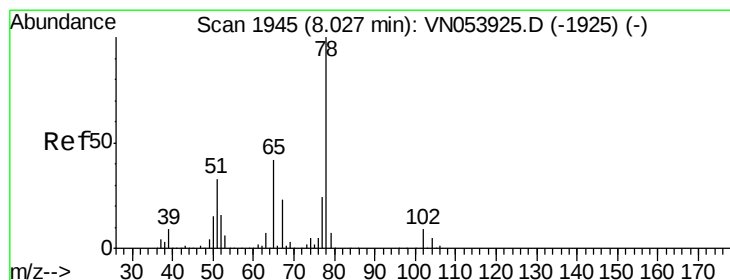
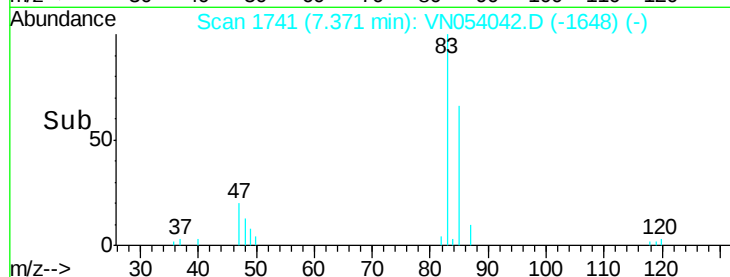
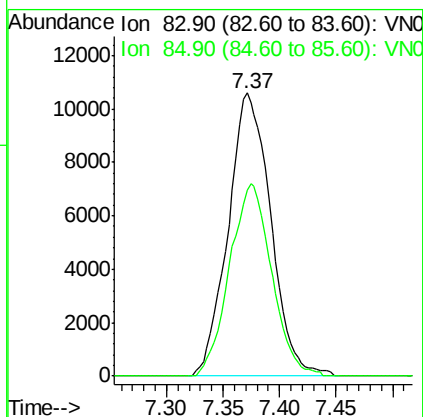
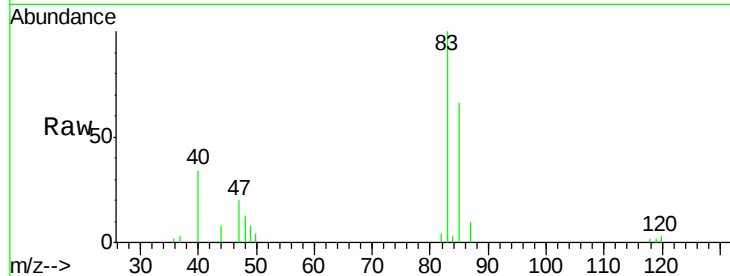




#30
 Chloroform
 Concen: 2.280 ug/l
 RT: 7.37 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VN054042.D
 Acq: 1 Mar 2019 21:02

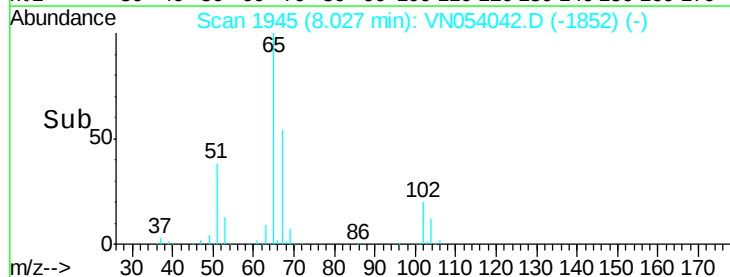
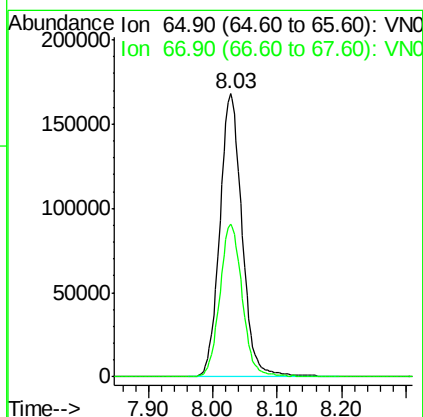
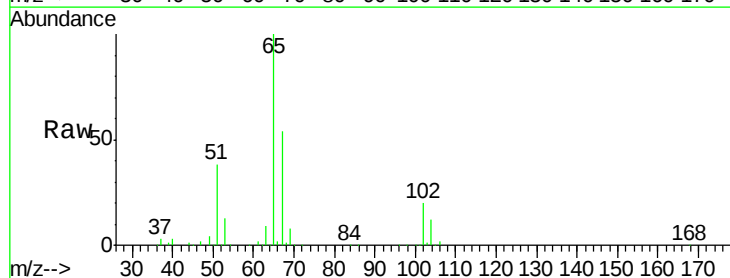
Instrument :
 MSVOA_N
 ClientSampleId :
 200031

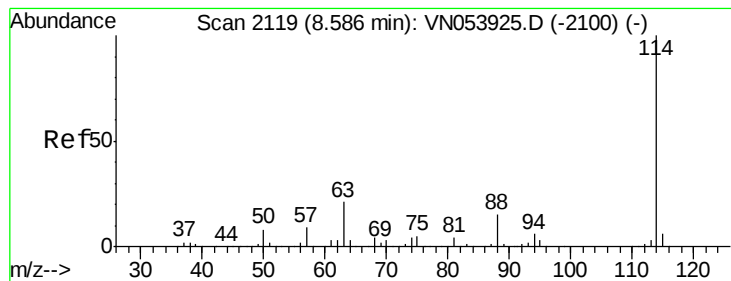
Tot Ion: 83 Resp: 27759
 Ion Ratio Lower Upper
 83 100
 85 65.9 52.6 78.8



#33
 1,2-Dichloroethane-d4
 Concen: 56.450 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054042.D
 Acq: 1 Mar 2019 21:02

Tgt Ion: 65 Resp: 405657
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 111.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054042.D

Acq: 1 Mar 2019 21:02

Instrument :

MSVOA_N

ClientSampleId :

200031

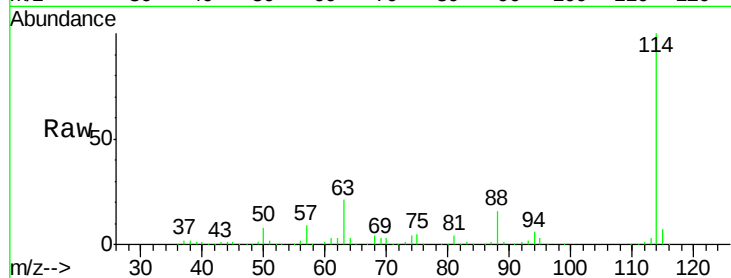
Tot Ion:114 Resp: 1122035

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

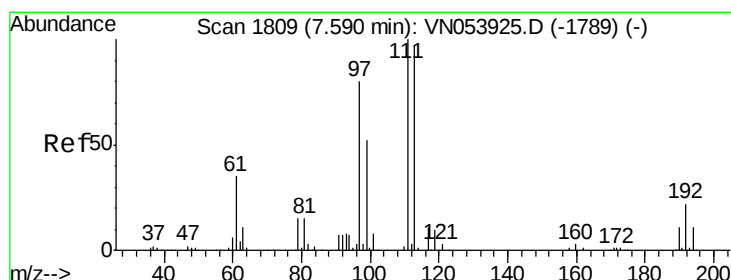
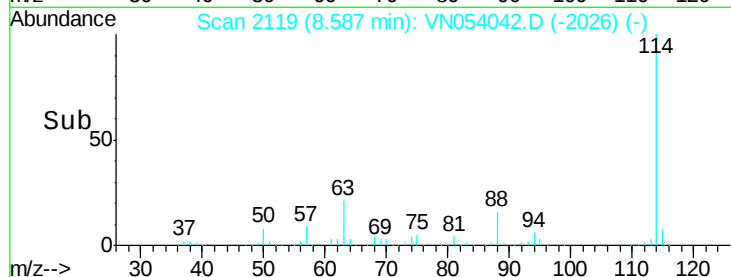
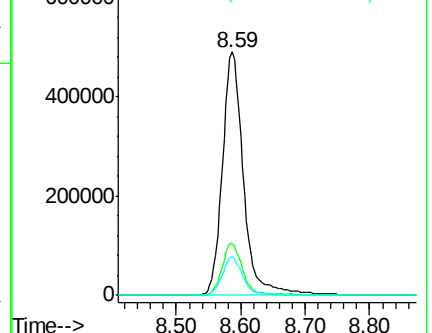
88 15.7 0.0 30.4



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: 50.507 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054042.D

Acq: 1 Mar 2019 21:02

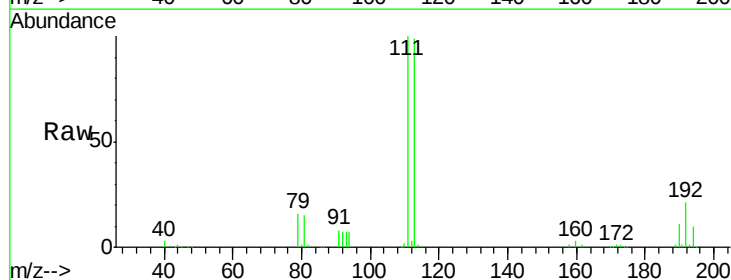
Tgt Ion:113 Resp: 366465

Ion Ratio Lower Upper

113 100

111 100.0 81.1 121.7

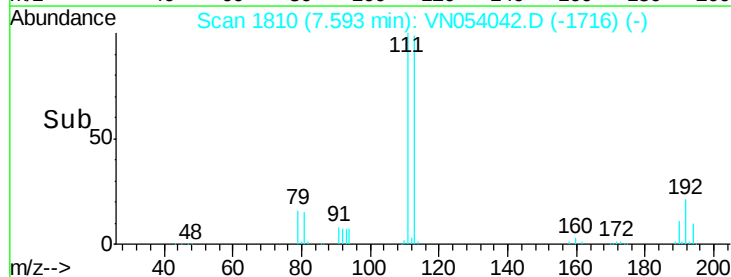
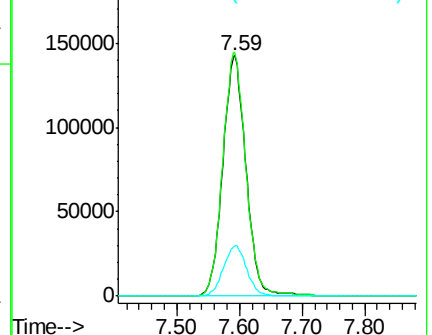
192 20.9 18.8 28.2

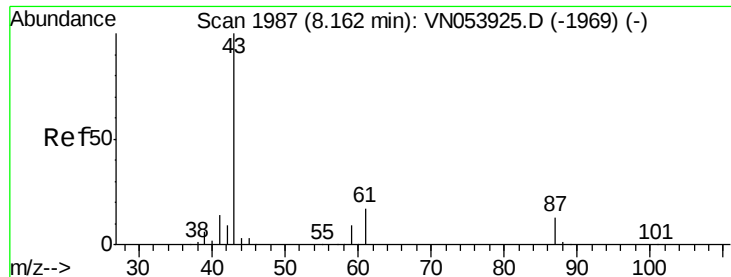


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.621 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN054042.D

Acq: 1 Mar 2019 21:02

Instrument :

MSVOA_N

ClientSampleId :

200031

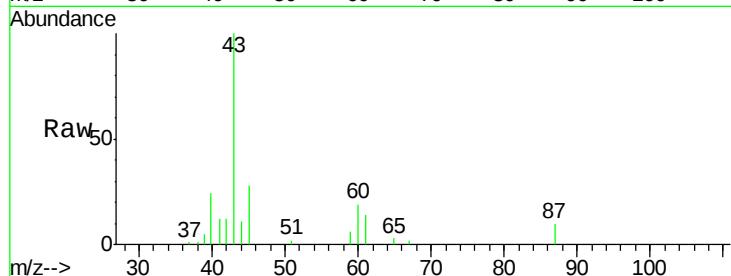
Tot Ion: 43 Resp: 32975

Ion Ratio Lower Upper

43 100

61 17.4 17.4 26.0

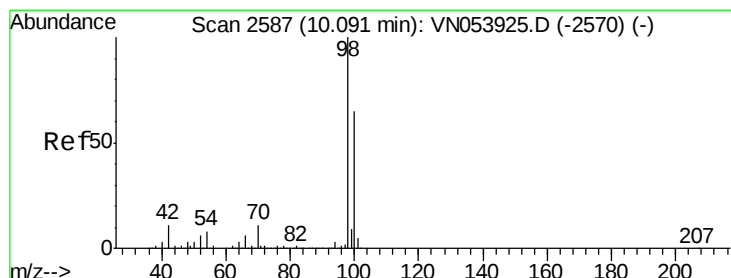
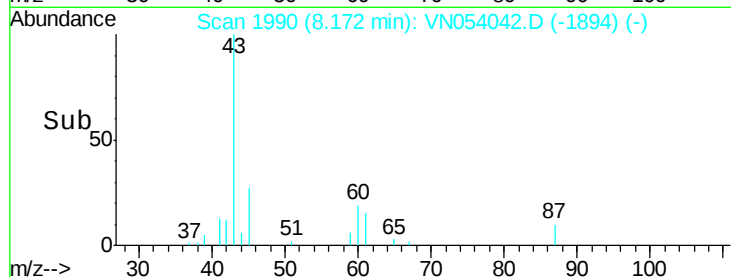
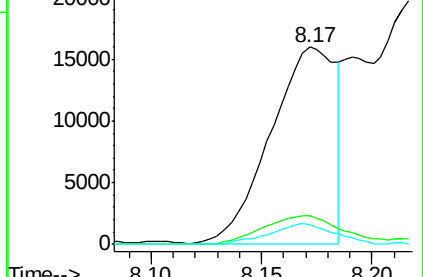
87 10.2 11.5 17.3#



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: 52.744 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054042.D

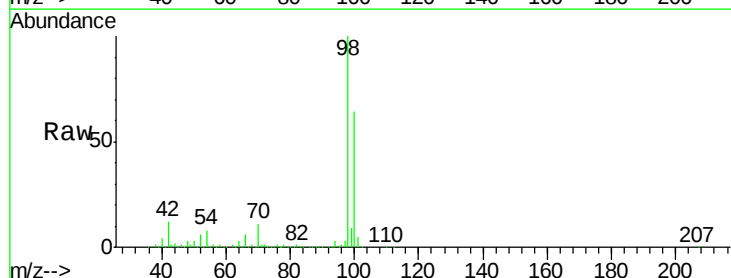
Acq: 1 Mar 2019 21:02

Tgt Ion: 98 Resp: 1424622

Ion Ratio Lower Upper

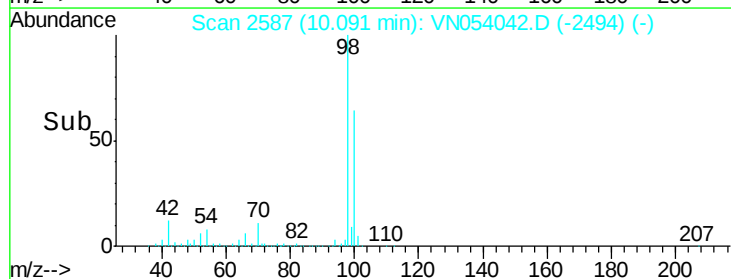
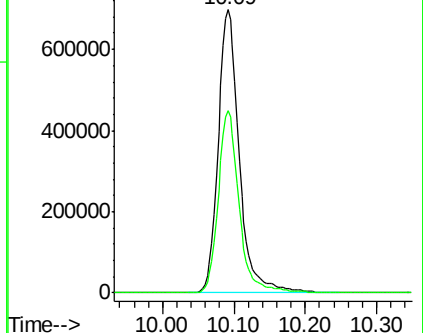
98 100

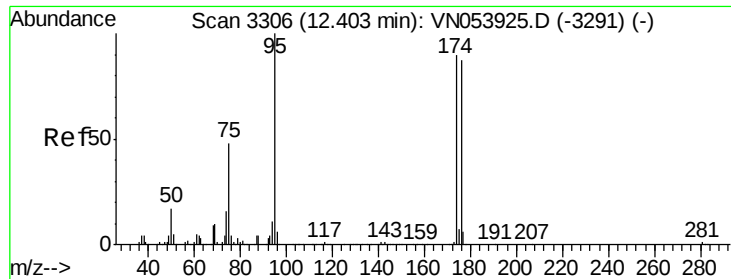
100 63.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

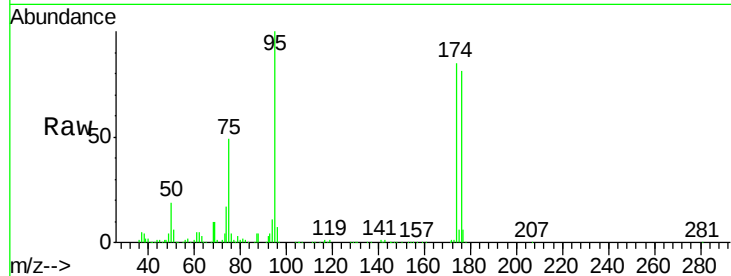




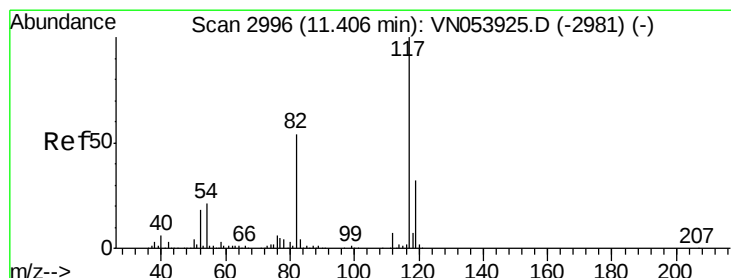
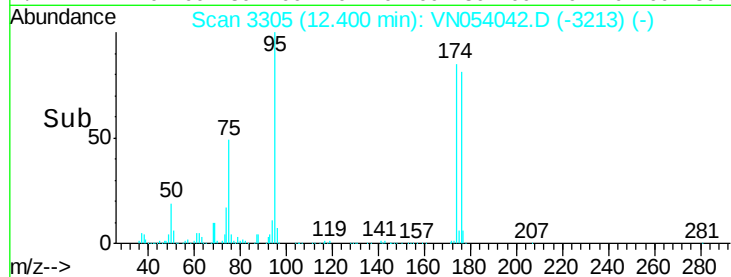
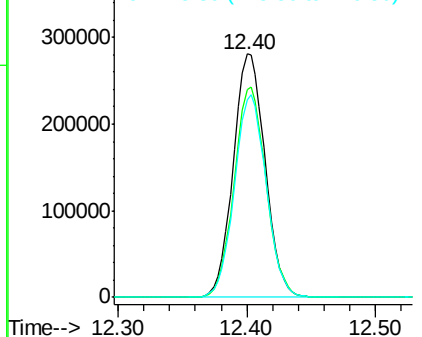
#62
4-Bromofluorobenzene
Concen: 53.639 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054042.D
Acq: 1 Mar 2019 21:02

Instrument :
MSVOA_N
ClientSampled :
200031

Tot Ion: 95 Resp: 482695
Ion Ratio Lower Upper
95 100
174 86.3 0.0 188.8
176 82.8 0.0 182.6

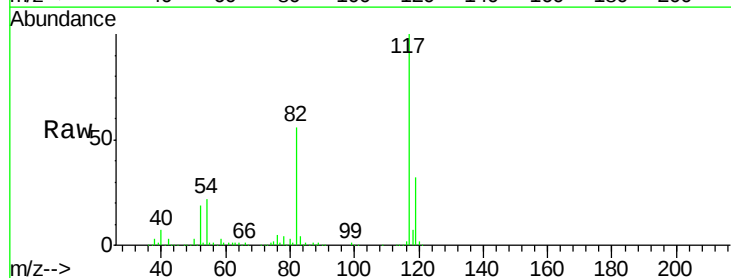


Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)
Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)
Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)

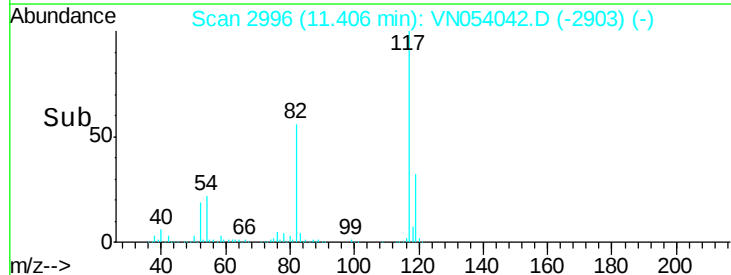
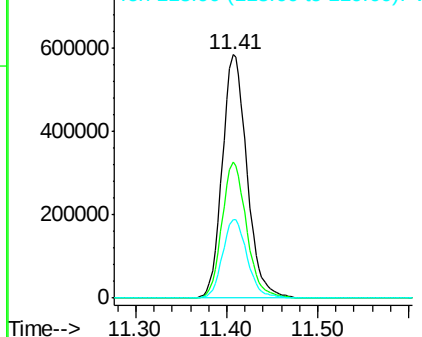


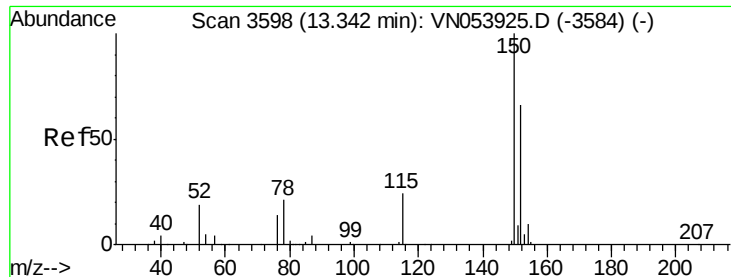
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054042.D
Acq: 1 Mar 2019 21:02

Tgt Ion: 117 Resp: 1101233
Ion Ratio Lower Upper
117 100
82 55.7 41.4 62.2
119 32.1 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)
Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)
Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054042.D

Acq: 1 Mar 2019 21:02

Instrument :

MSVOA_N

ClientSampled :

200031

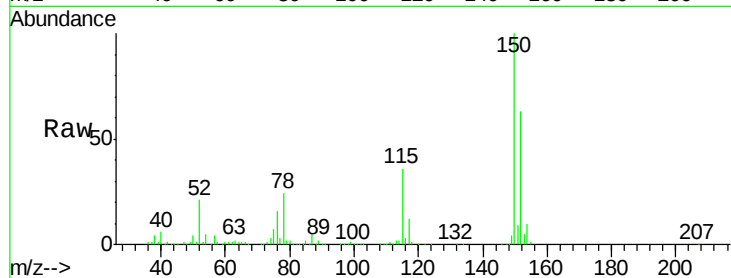
Tot Ion:152 Resp: 403399

Ion Ratio Lower Upper

152 100

115 57.9 27.2 81.6

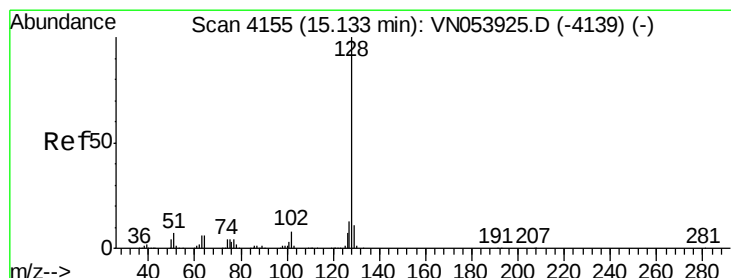
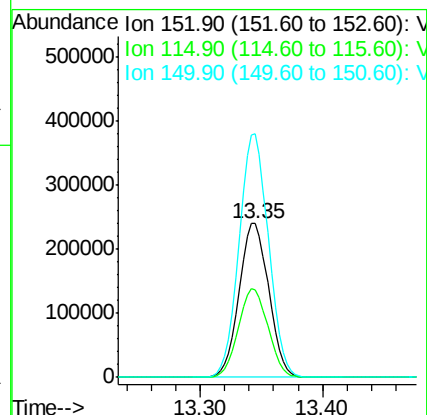
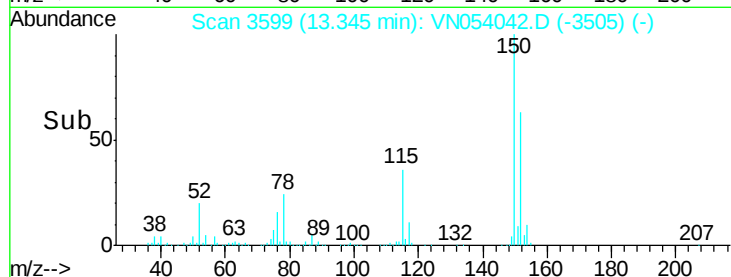
150 157.2 0.0 348.2



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: 3.526 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054042.D

Acq: 1 Mar 2019 21:02

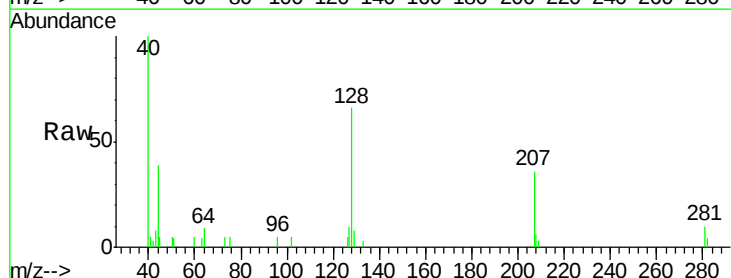
Tgt Ion:128 Resp: 5369

Ion Ratio Lower Upper

128 100

127 10.1 10.2 15.2#

129 13.1 8.6 12.8#



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

