

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN055012.D
 Acq On : 12 Apr 2019 21:05
 Operator : JC/SP
 Sample : K2204-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-041119

Quant Time: Apr 13 04:20:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

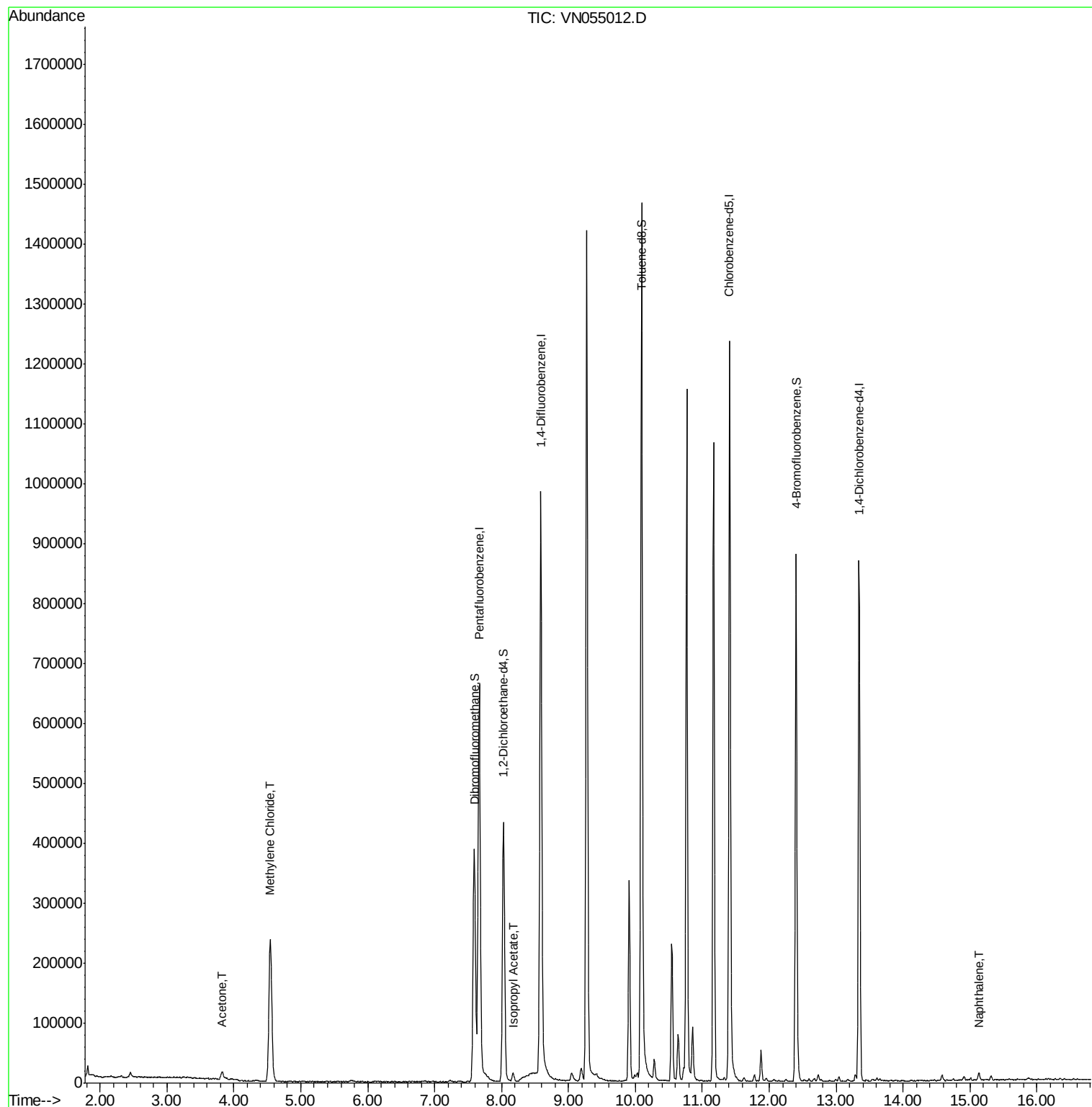
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	579453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	902864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	736812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	240325	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	364740	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
35) Dibromofluoromethane	7.59	113	291236	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
50) Toluene-d8	10.09	98	1060947	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.40	95	305034	42.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.68%	
Target Compounds						
16) Acetone	3.82	43	21822	10.924	ug/l	98
20) Methylene Chloride	4.54	84	167279	25.044	ug/l	98
43) Isopropyl Acetate	8.17	43	16647	1.554	ug/l	98
95) Naphthalene	15.14	128	11218	5.783	ug/l	98

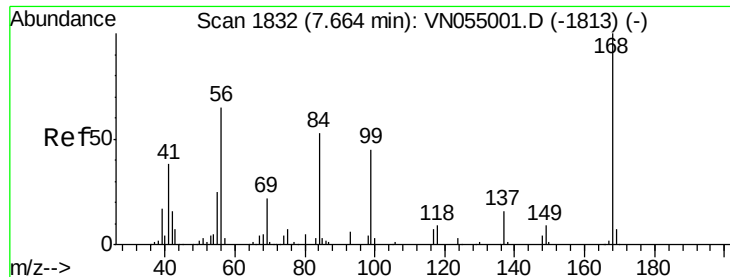
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 13 03:34:24 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: VN055012.D

Acq: 12 Apr 2019 21:05

Instrument :

MSVOA_N

ClientSampled :

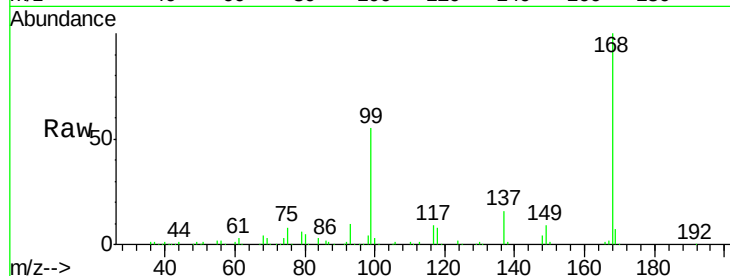
TR-04-041119

Tot Ion:168 Resp: 579453

Ion Ratio Lower Upper

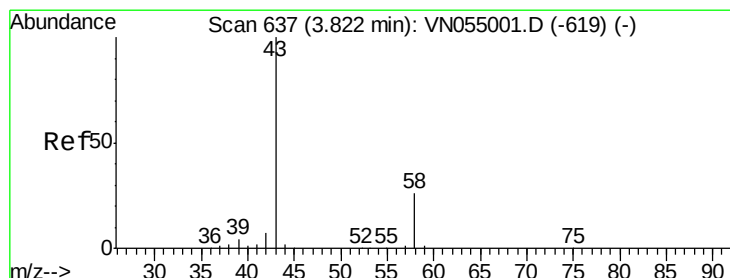
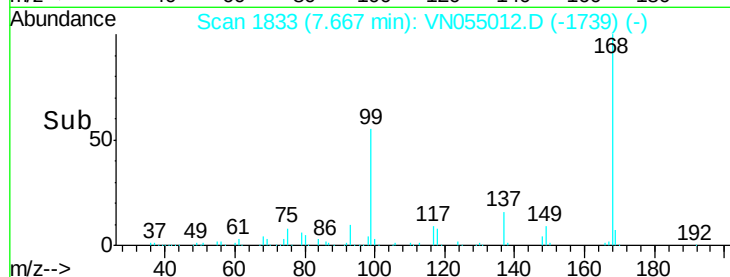
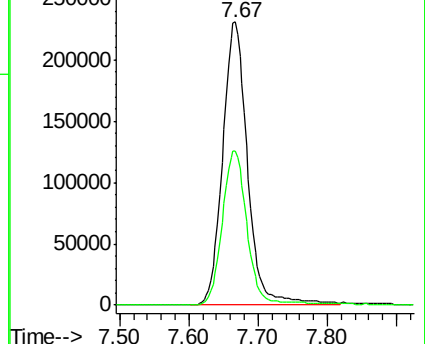
168 100

99 54.5 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 10.924 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN055012.D

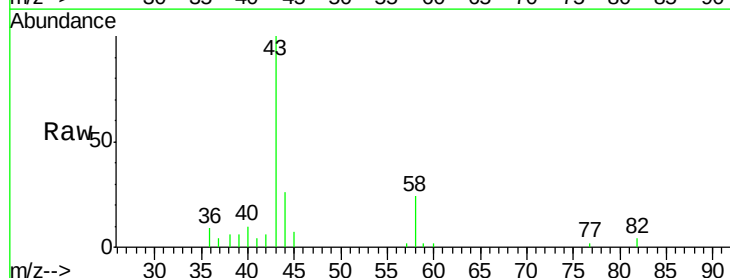
Acq: 12 Apr 2019 21:05

Tgt Ion: 43 Resp: 21822

Ion Ratio Lower Upper

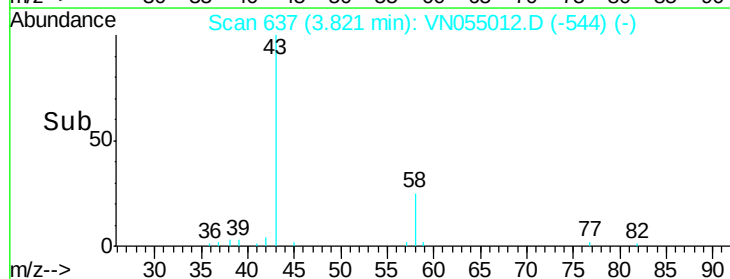
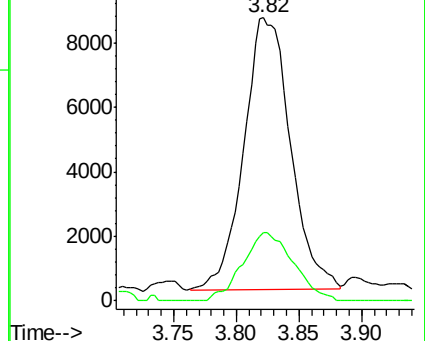
43 100

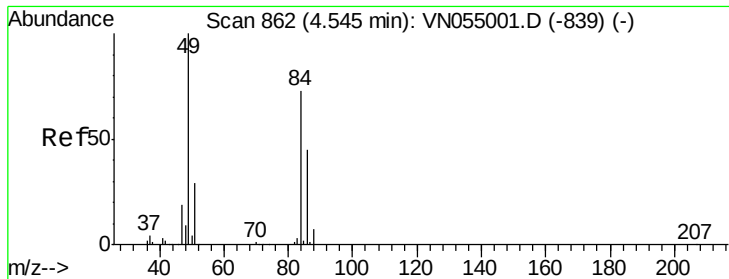
58 25.0 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methvlene Chloride

Concen: 25.044 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN055012.D

Acq: 12 Apr 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

TR-04-041119

Tot Ion: 84 Resp: 167279

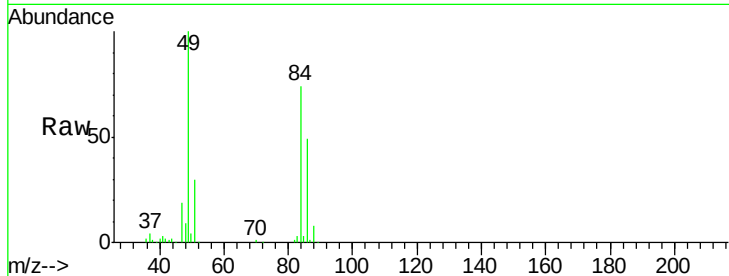
Ion Ratio Lower Upper

84 100

49 134.6 109.4 164.2

51 40.6 32.2 48.4

86 65.4 49.3 73.9

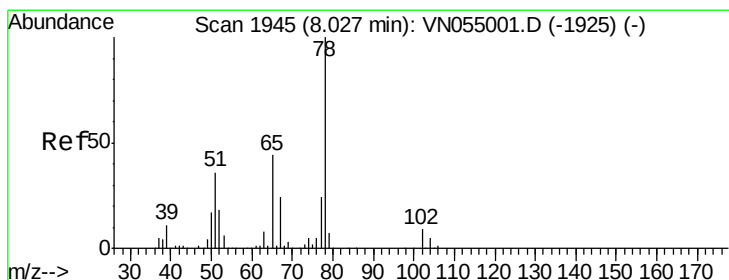
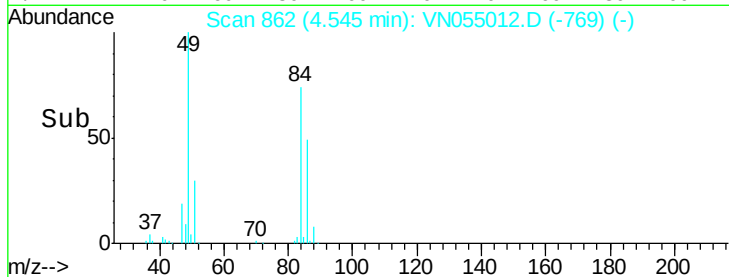
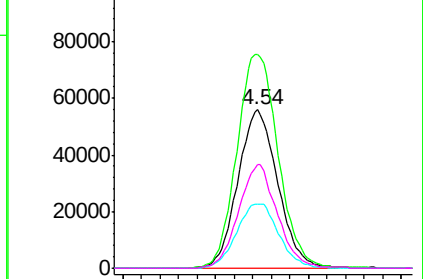


Abundance Ion 83.90 (83.60 to 84.60): VNO

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



#33

1,2-Dichloroethane-d4

Concen: 50.158 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055012.D

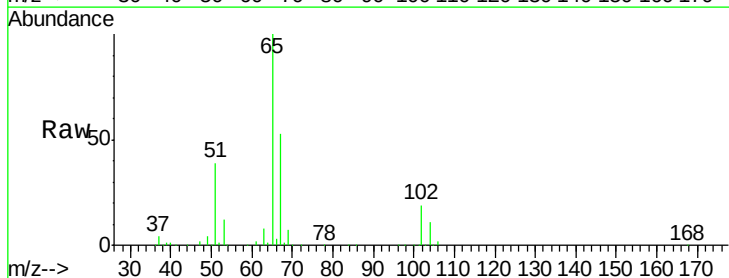
Acq: 12 Apr 2019 21:05

Tgt Ion: 65 Resp: 364740

Ion Ratio Lower Upper

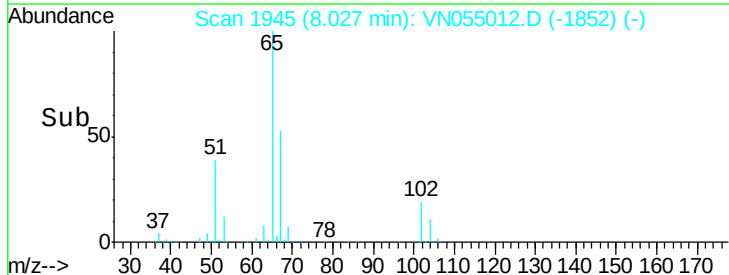
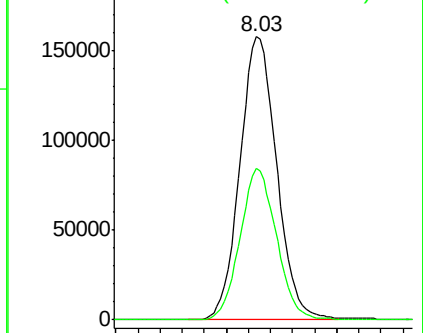
65 100

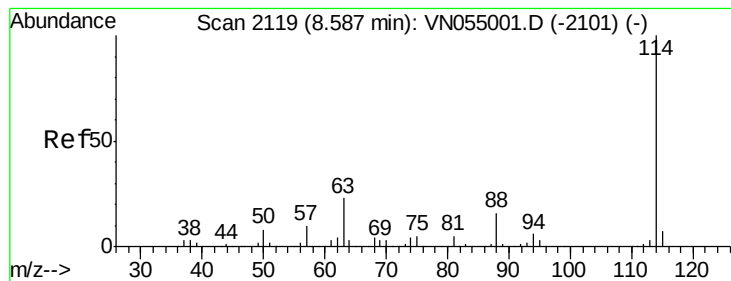
67 53.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055012.D

Acq: 12 Apr 2019 21:05

Instrument :

MSVOA_N

ClientSampled :

TR-04-041119

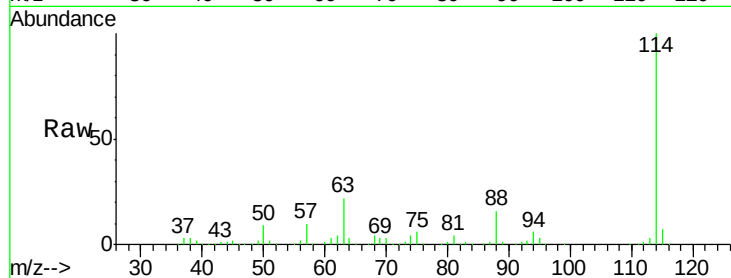
Tot Ion:114 Resp: 902864

Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.2

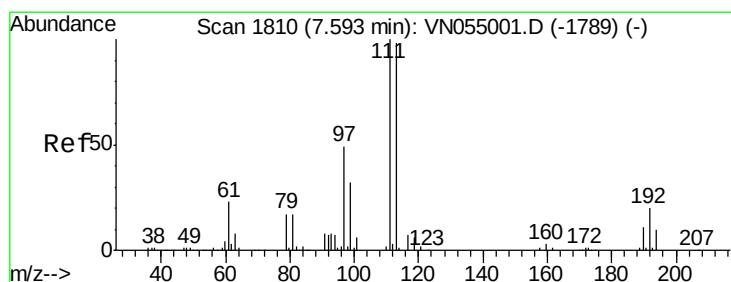
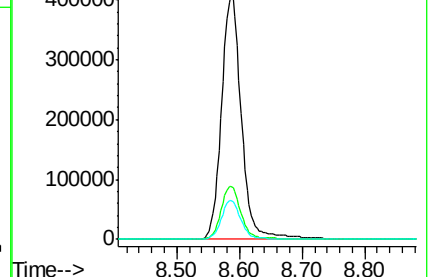
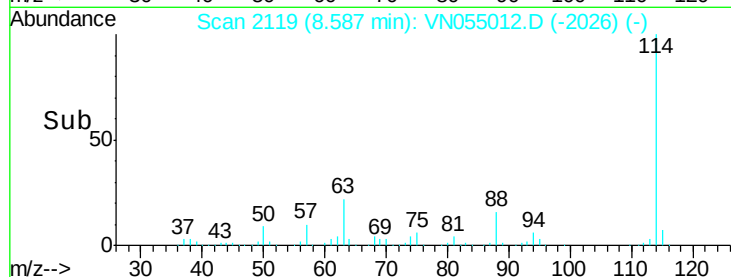
88 15.9 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.601 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055012.D

Acq: 12 Apr 2019 21:05

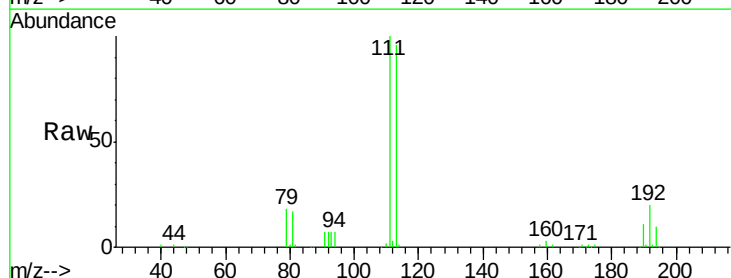
Tgt Ion:113 Resp: 291236

Ion Ratio Lower Upper

113 100

111 104.0 82.1 123.1

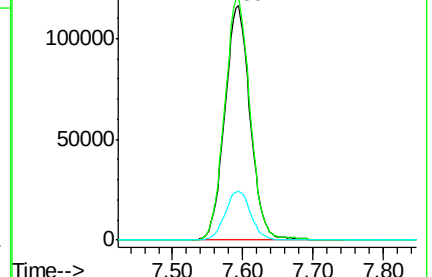
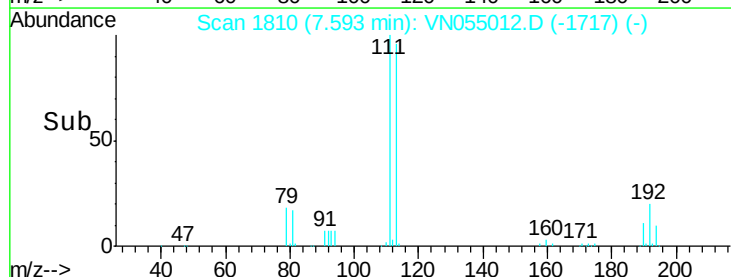
192 21.0 16.5 24.7

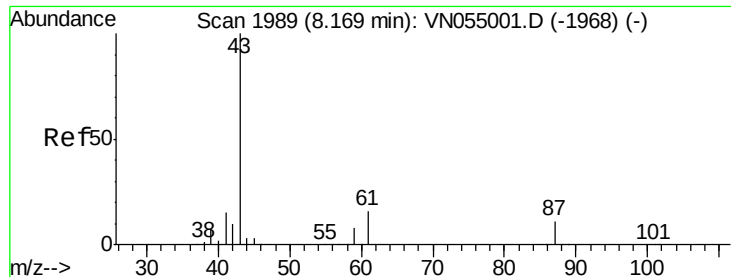


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.554 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055012.D

Acq: 12 Apr 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

TR-04-041119

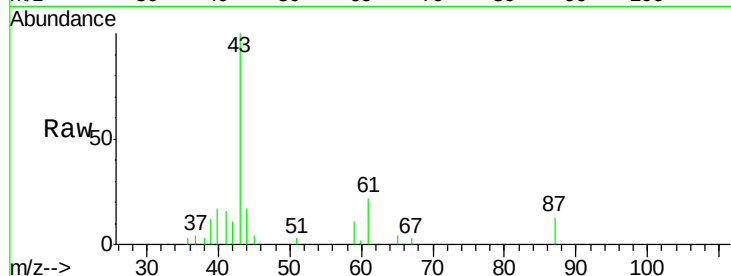
Tot Ion: 43 Resp: 16647

Ion Ratio Lower Upper

43 100

61 17.2 14.3 21.5

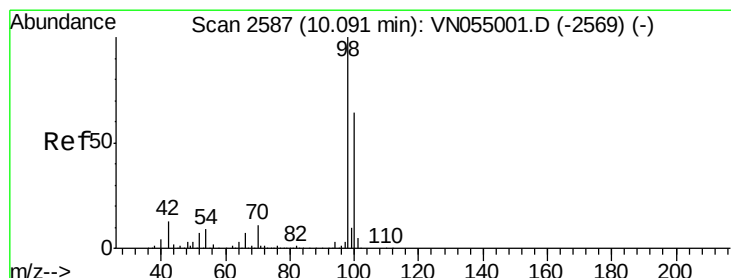
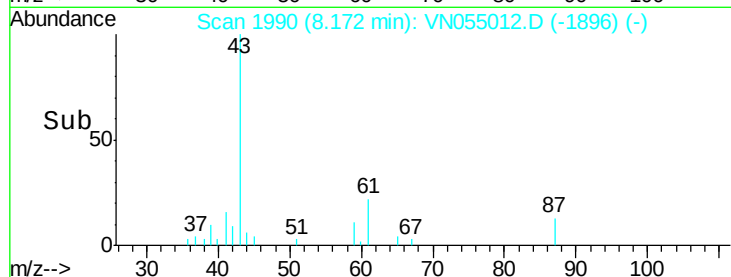
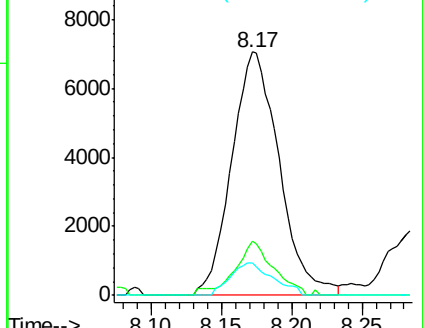
87 11.9 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055012.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN055012.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN055012.D (-1896) (-)



#50

Toluene-d8

Concen: 50.188 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055012.D

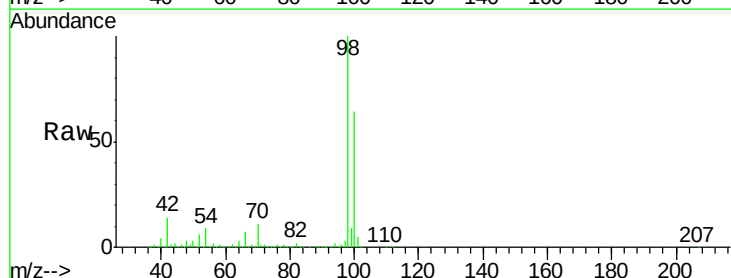
Acq: 12 Apr 2019 21:05

Tgt Ion: 98 Resp: 1060947

Ion Ratio Lower Upper

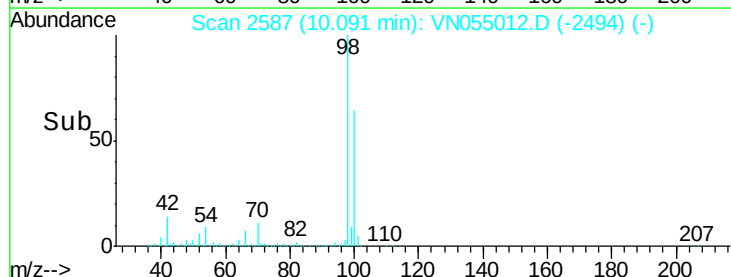
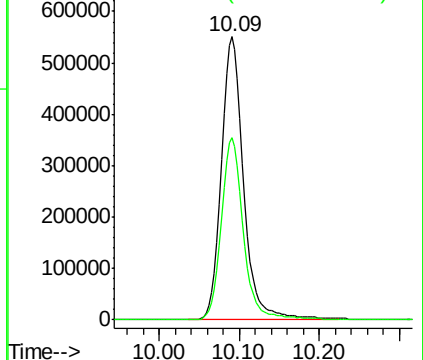
98 100

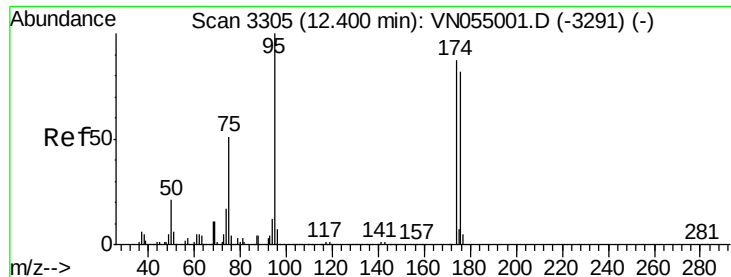
100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055012.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055012.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 42.838 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055012.D

Acq: 12 Apr 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

TR-04-041119

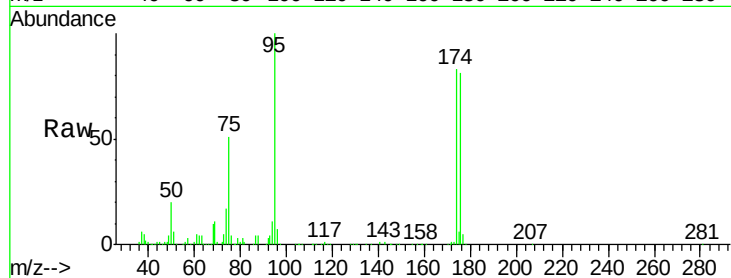
Tot Ion: 95 Resp: 305034

Ion Ratio Lower Upper

95 100

174 84.7 0.0 174.4

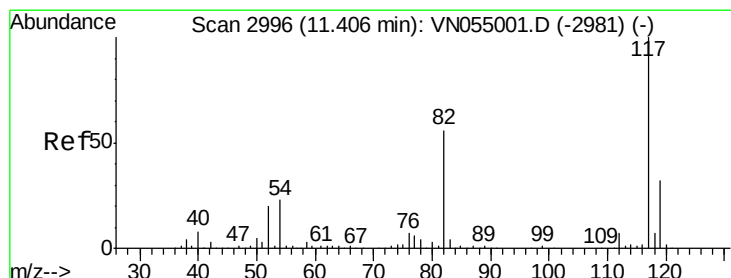
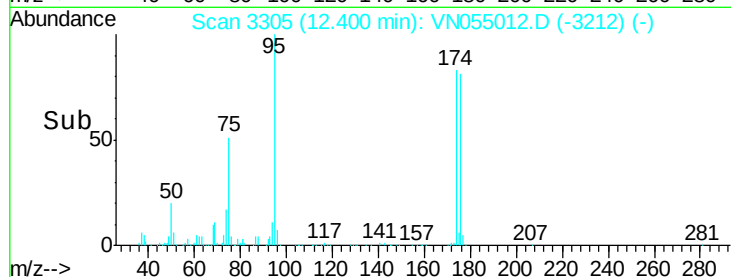
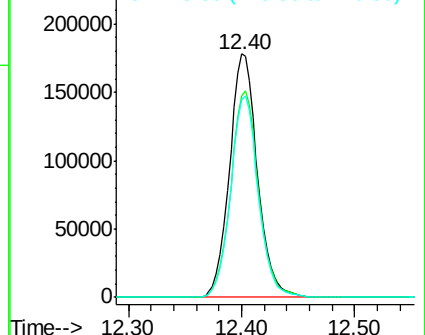
176 81.8 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055012.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055012.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055012.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055012.D

Acq: 12 Apr 2019 21:05

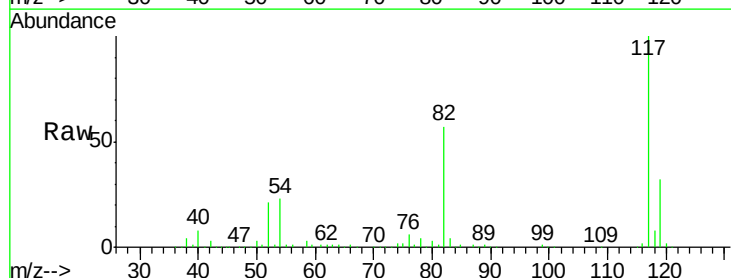
Tgt Ion: 117 Resp: 736812

Ion Ratio Lower Upper

117 100

82 56.5 44.6 66.8

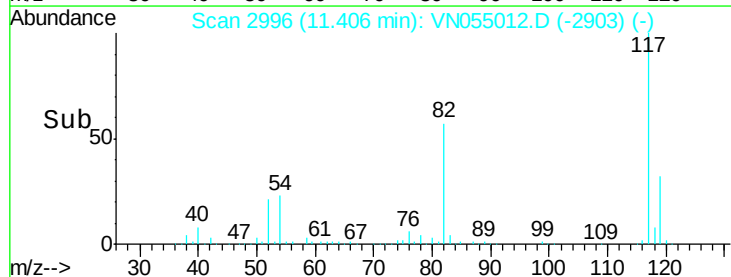
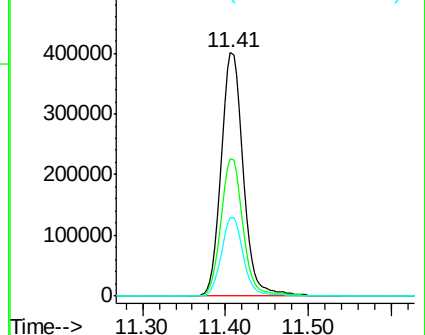
119 32.2 25.5 38.3

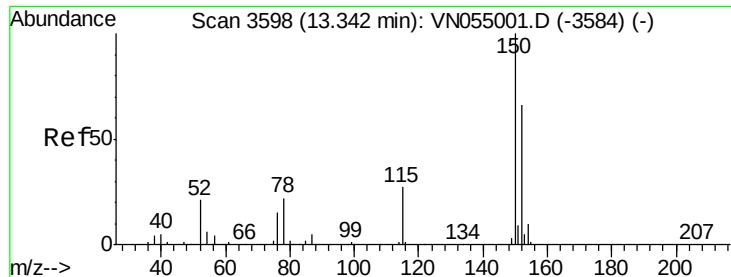


Abundance Ion 116.90 (116.60 to 117.60): VN055012.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055012.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055012.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055012.D

Acq: 12 Apr 2019 21:05

Instrument :

MSVOA_N

ClientSampleId :

TR-04-041119

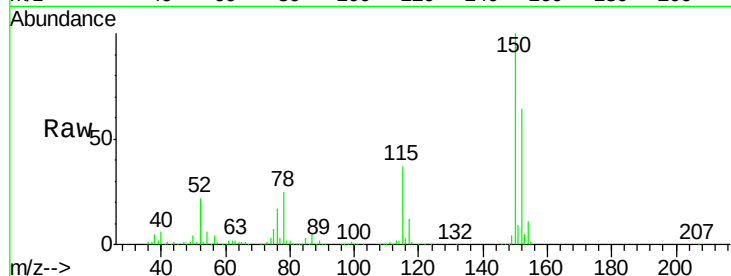
Tot Ion:152 Resp: 240325

Ion Ratio Lower Upper

152 100

115 57.6 28.5 85.6

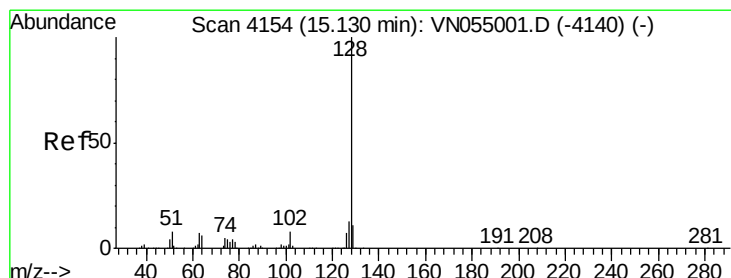
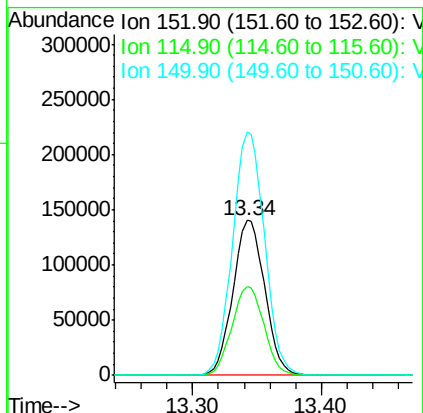
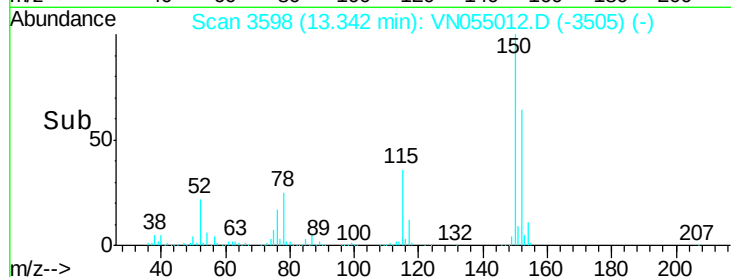
150 158.0 0.0 347.2



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



#95

Naphthalene

Concen: 5.783 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055012.D

Acq: 12 Apr 2019 21:05

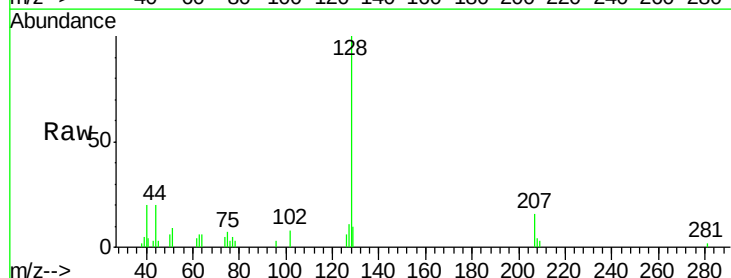
Tgt Ion:128 Resp: 11218

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

129 9.8 8.8 13.2



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

