

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
 Data File : VN055914.D
 Acq On : 31 May 2019 13:02
 Operator : JC/SP
 Sample : K3104-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-251-688

Quant Time: Jun 01 02:14:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

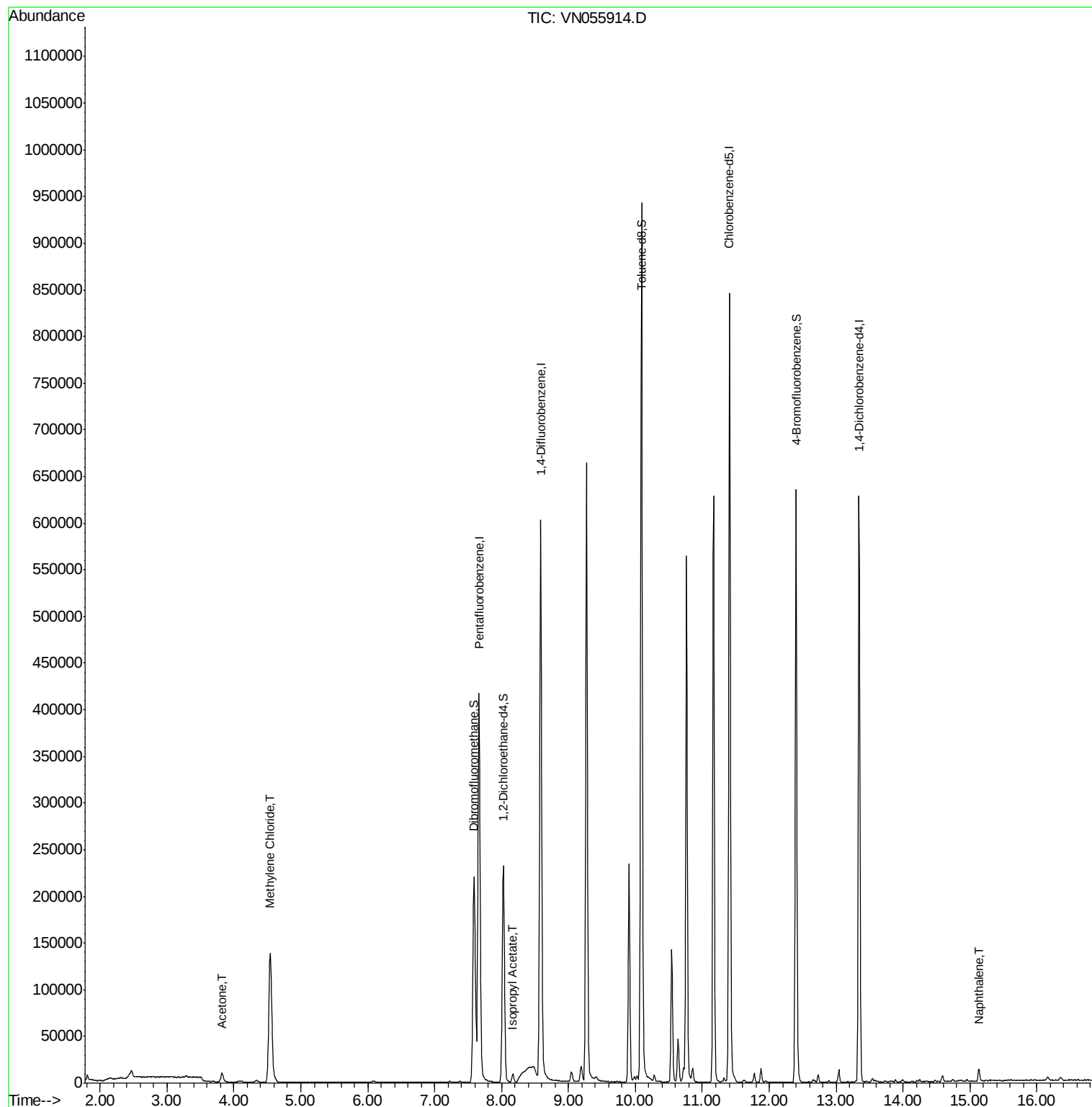
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	386848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	585783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	532596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	188453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	195821	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
35) Dibromofluoromethane	7.59	113	170758	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
50) Toluene-d8	10.09	98	702072	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.40	95	225040	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
Target Compounds						
16) Acetone	3.82	43	17198	9.793	ug/l	99
20) Methylene Chloride	4.54	84	116441	30.616	ug/l	96
43) Isopropyl Acetate	8.17	43	10332	1.246	ug/l #	86
95) Naphthalene	15.13	128	13218	1.516	ug/l	99

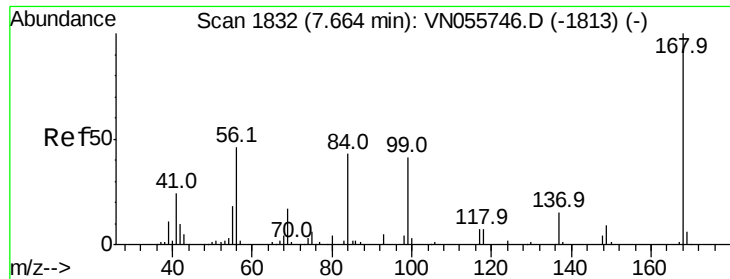
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN053119\
Data File : VN055914.D
Acq On : 31 May 2019 13:02
Operator : JC/SP
Sample : K3104-11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RBR-251-688

Quant Time: Jun 01 02:14:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

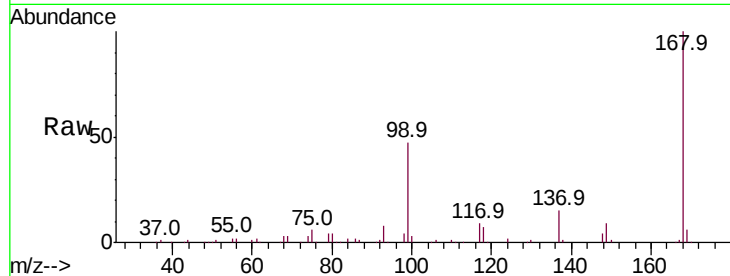
RBR-251-688

Tot Ion:168 Resp: 386848

Ion Ratio Lower Upper

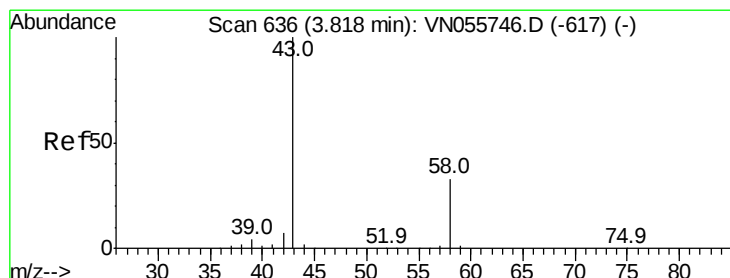
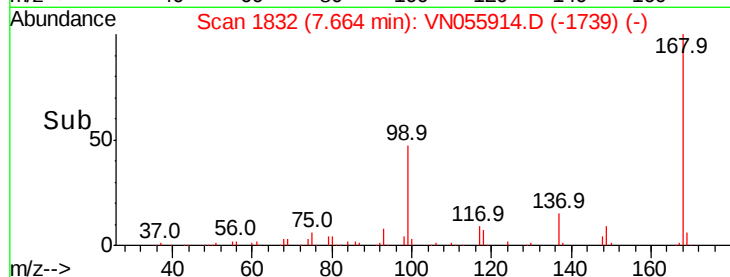
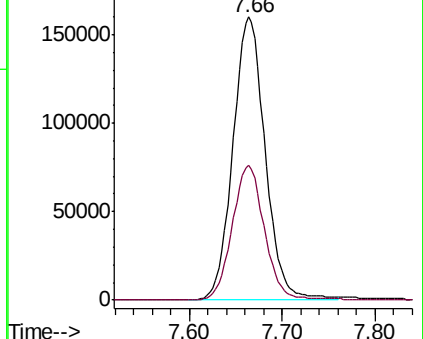
168 100

99 47.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 9.793 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055914.D

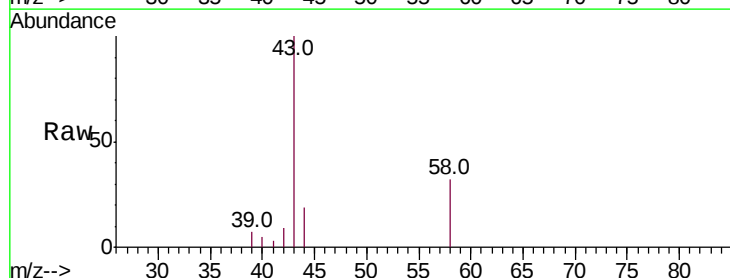
Acq: 31 May 2019 13:02

Tgt Ion: 43 Resp: 17198

Ion Ratio Lower Upper

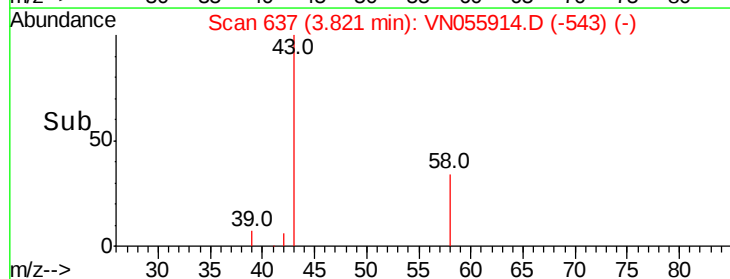
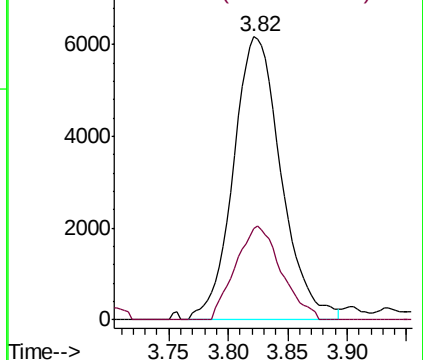
43 100

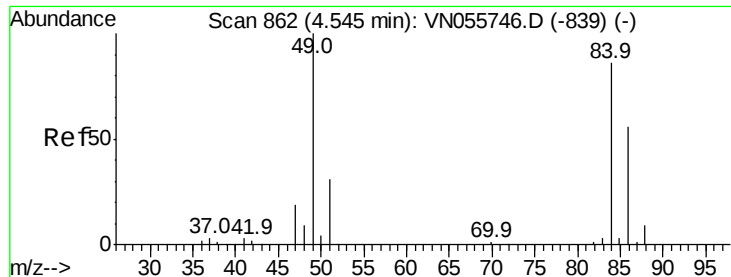
58 32.5 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

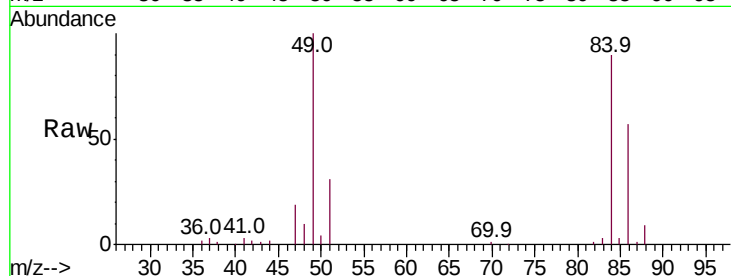




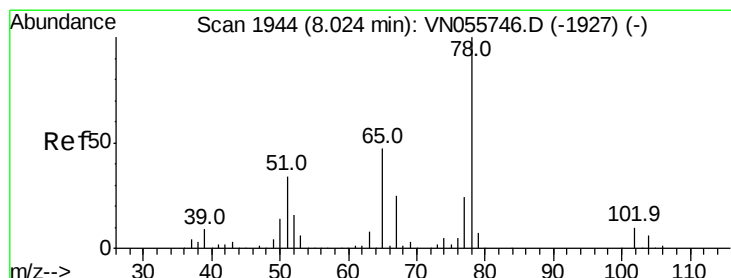
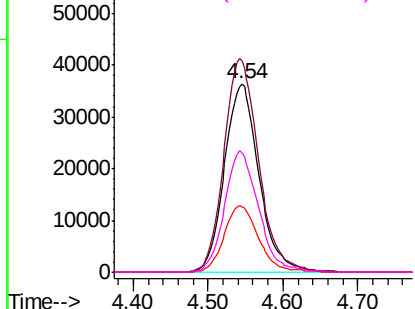
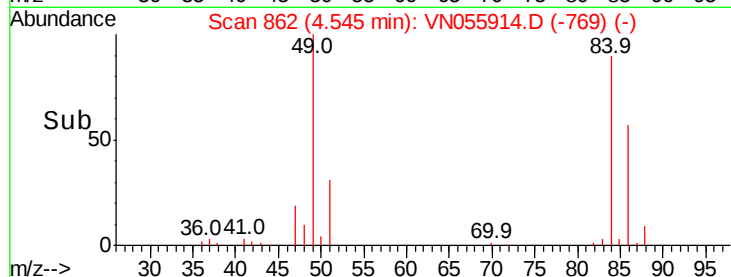
#20
Methylene Chloride
Concen: 30.616 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055914.D
Acq: 31 May 2019 13:02

Instrument :
MSVOA_N
ClientSampleId :
RBR-251-688

Tot Ion: 84 Resp: 116441
Ion Ratio Lower Upper
84 100
49 111.6 93.5 140.3
51 34.8 28.6 43.0
86 63.3 52.6 79.0

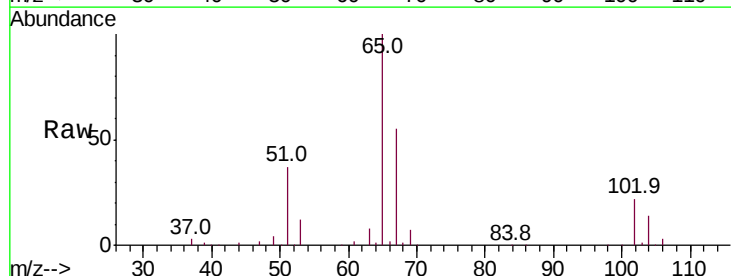


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

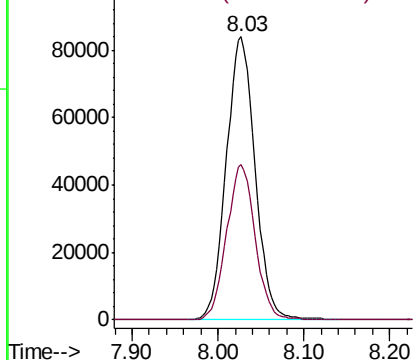
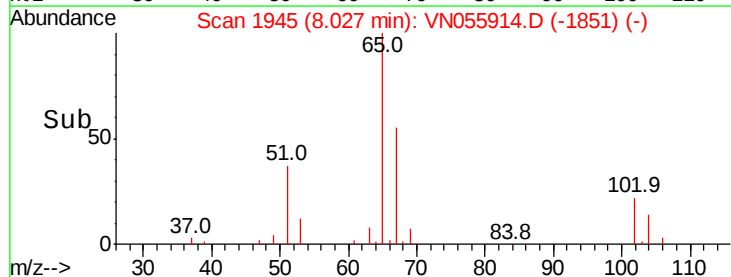


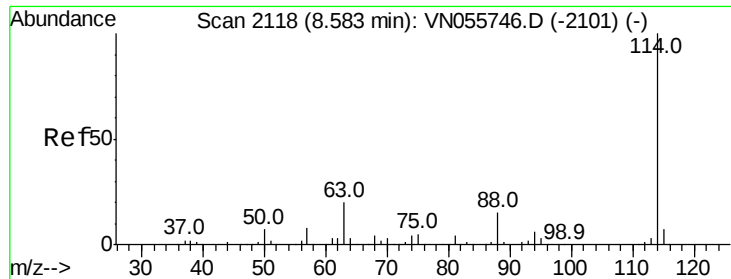
#33
1,2-Dichloroethane-d4
Concen: 49.016 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055914.D
Acq: 31 May 2019 13:02

Tgt Ion: 65 Resp: 195821
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

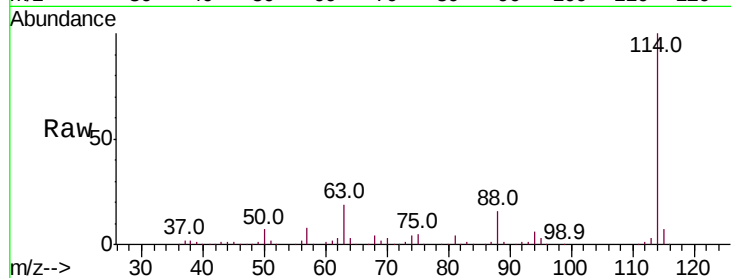




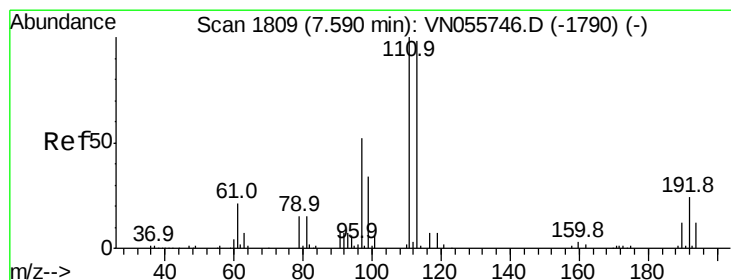
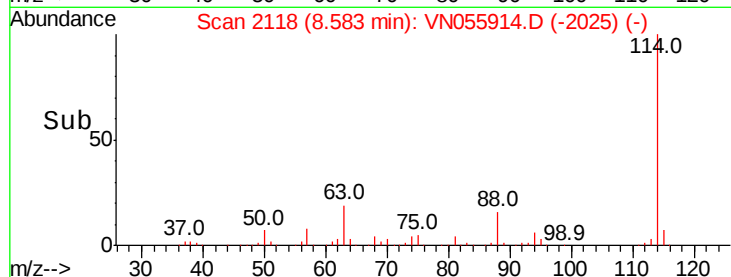
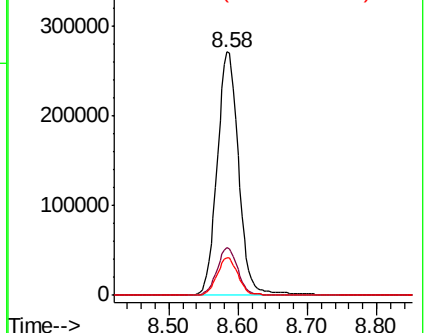
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055914.D
 Acq: 31 May 2019 13:02

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-251-688

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.2
88	15.6	0.0	31.0

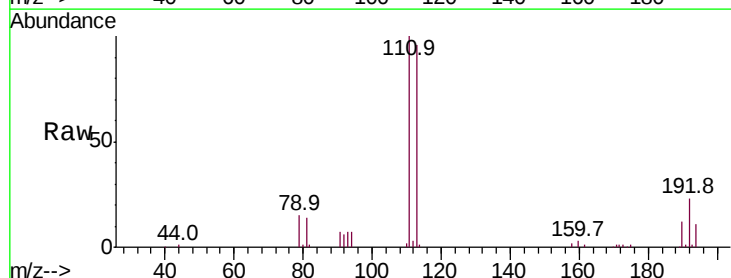


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

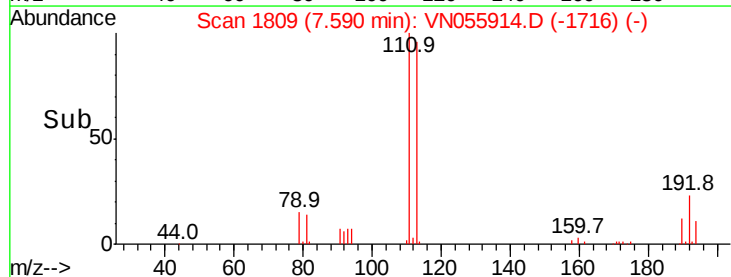
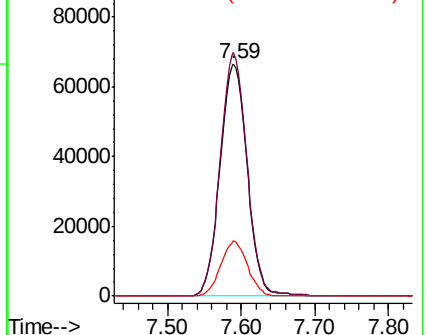


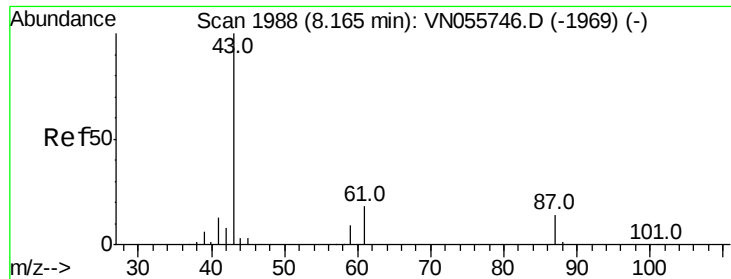
#35
 Dibromofluoromethane
 Concen: 46.107 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055914.D
 Acq: 31 May 2019 13:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	23.3	19.5	29.3



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: 1.246 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

RBR-251-688

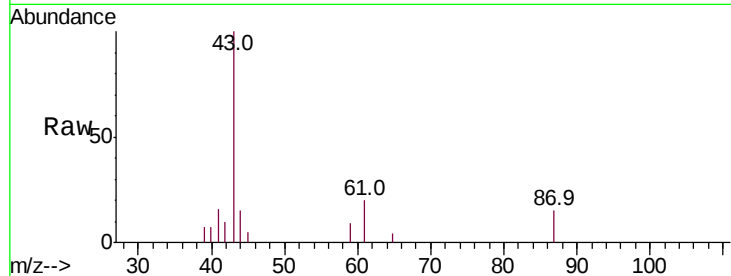
Tot Ion: 43 Resp: 10332

Ion Ratio Lower Upper

43 100

61 18.3 22.2 33.4#

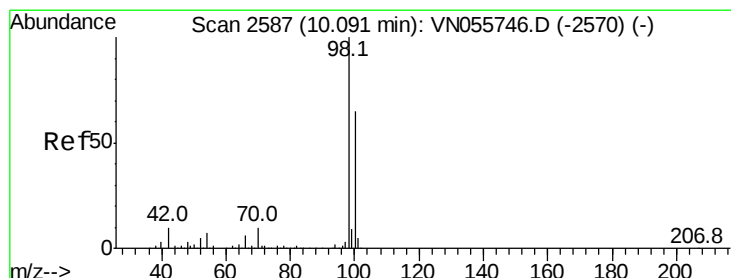
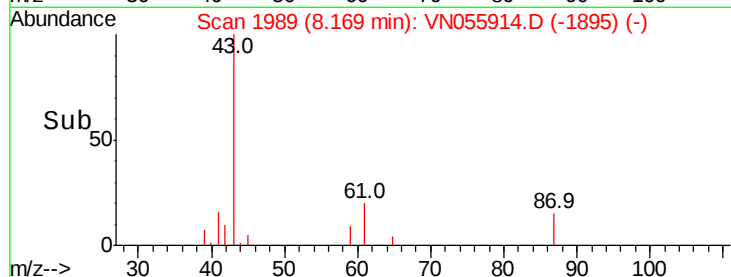
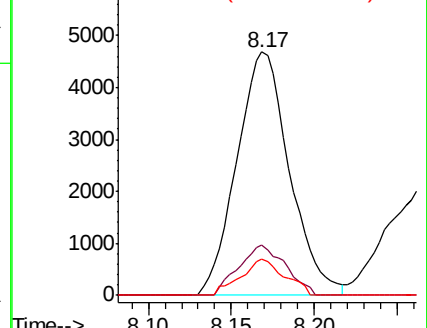
87 12.3 11.4 17.2



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: 49.420 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055914.D

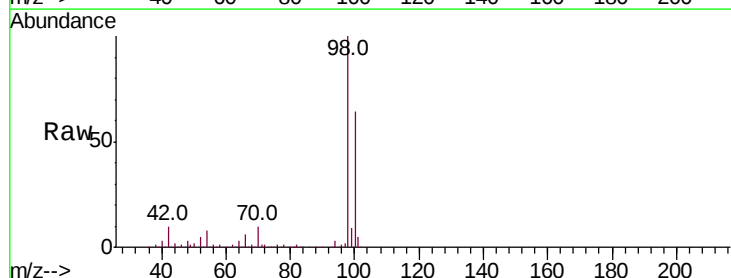
Acq: 31 May 2019 13:02

Tgt Ion: 98 Resp: 702072

Ion Ratio Lower Upper

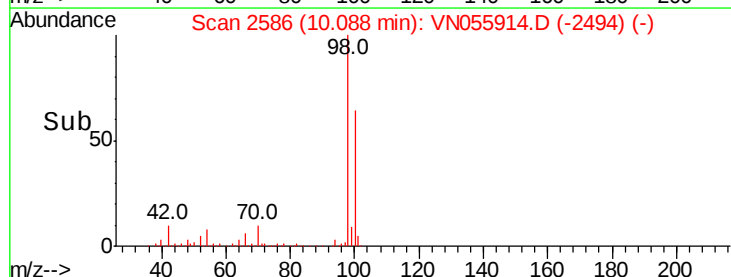
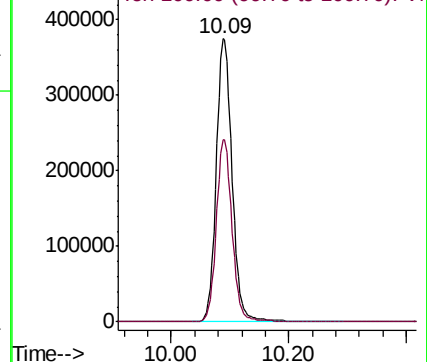
98 100

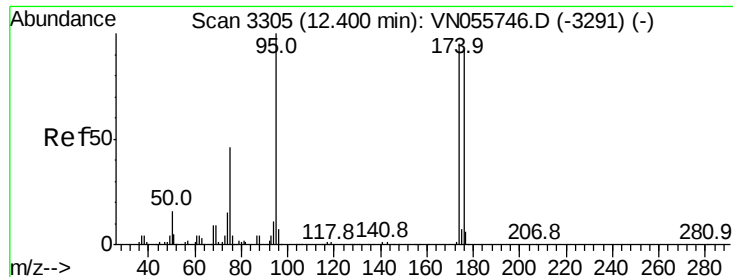
100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 46.198 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

RBR-251-688

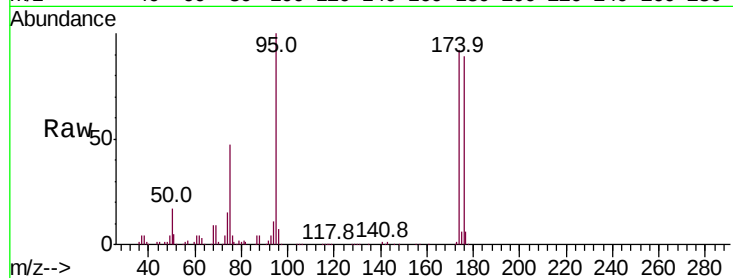
Tot Ion: 95 Resp: 225040

Ion Ratio Lower Upper

95 100

174 92.0 0.0 191.0

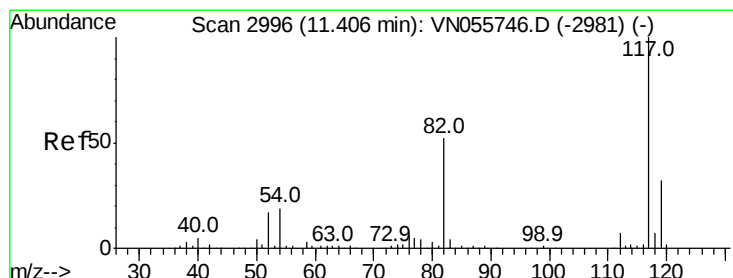
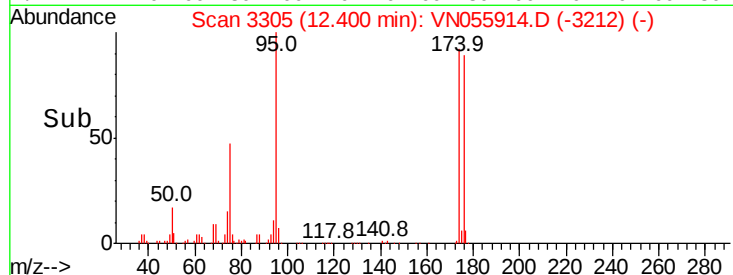
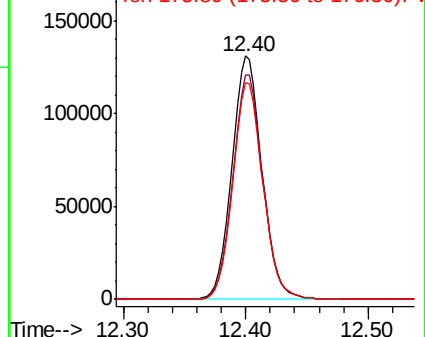
176 88.6 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055746.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055746.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055746.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

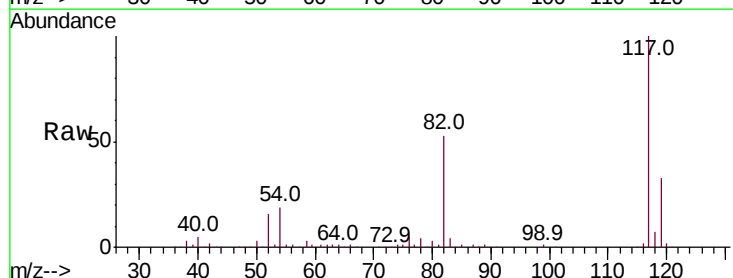
Tgt Ion: 117 Resp: 532596

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.8

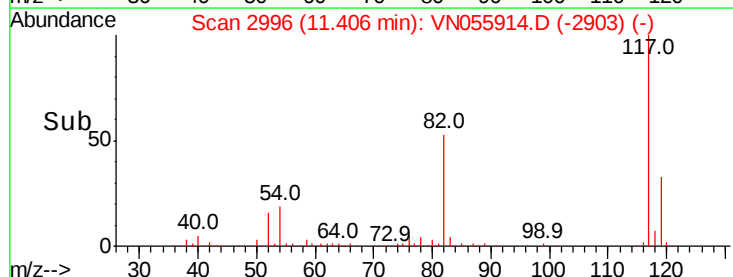
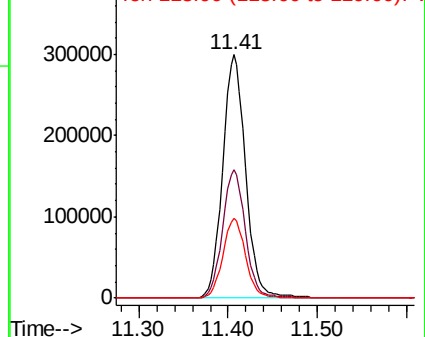
119 32.6 25.4 38.0

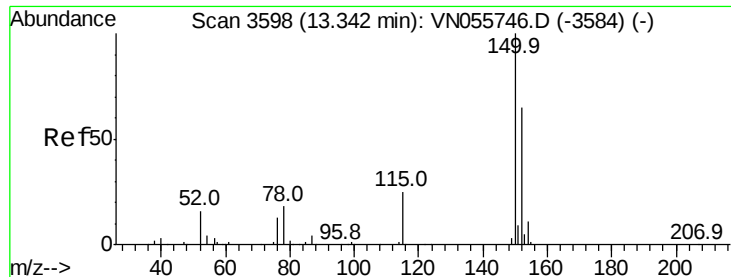


Abundance Ion 116.90 (116.60 to 117.60): VN055746.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055746.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055746.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

RBR-251-688

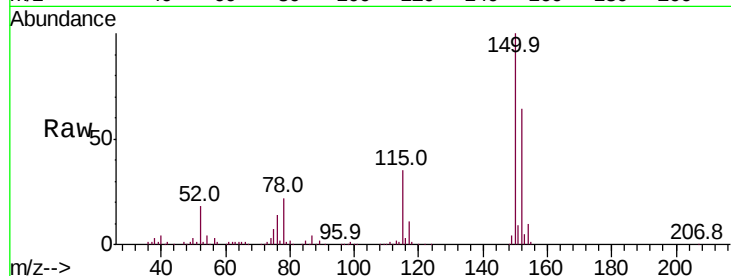
Tot Ion:152 Resp: 188453

Ion Ratio Lower Upper

152 100

115 54.2 27.0 81.0

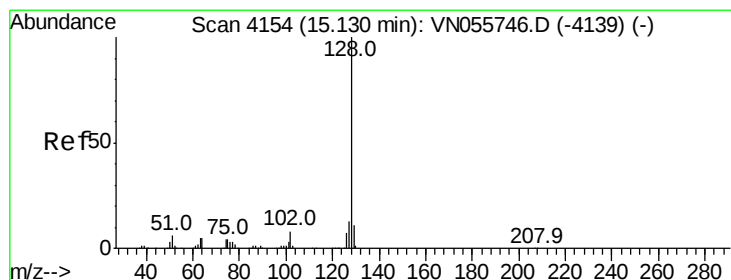
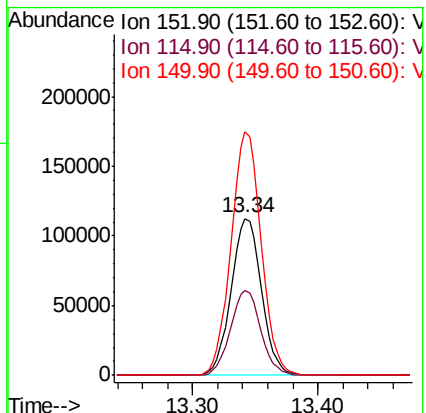
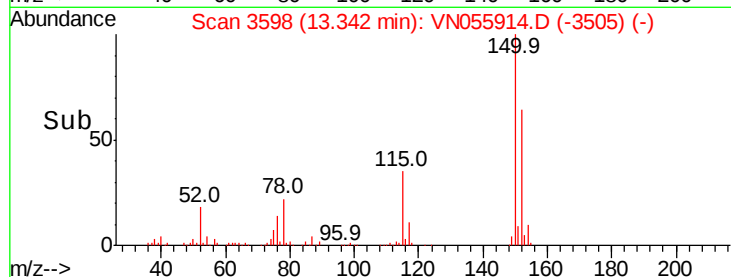
150 154.3 0.0 343.2



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: 1.516 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055914.D

Acq: 31 May 2019 13:02

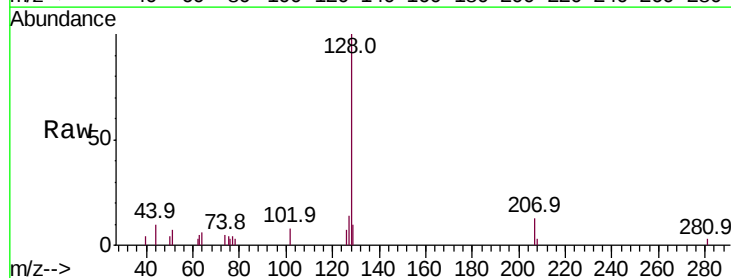
Tgt Ion:128 Resp: 13218

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 10.3 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

