

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020619\
 Data File : VN053643.D
 Acq On : 6 Feb 2019 18:57
 Operator : JC/SP
 Sample : K1389-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 M-7

Quant Time: Feb 07 11:08:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

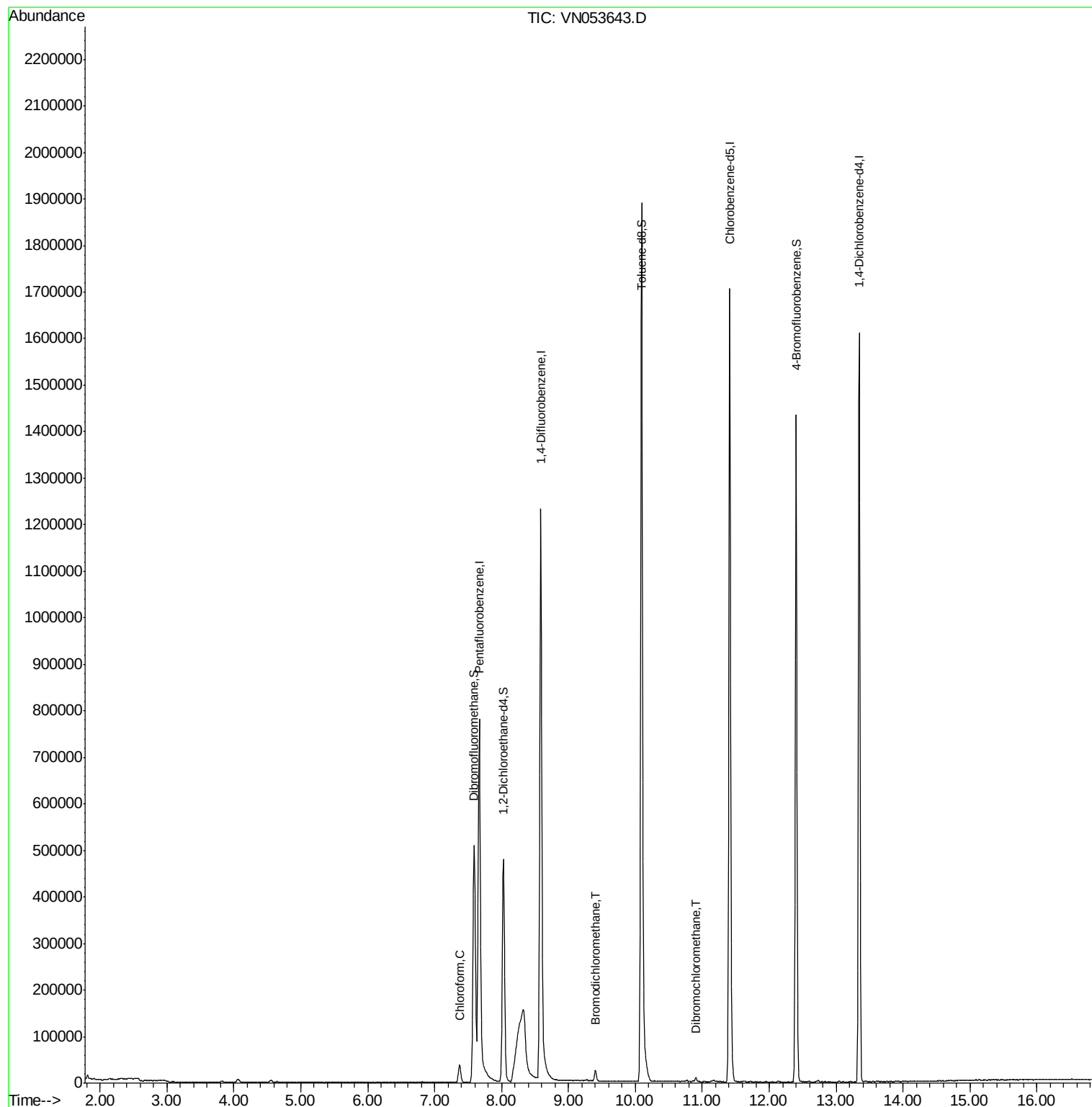
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	763902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1274808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1132899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	466317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	409330	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
35) Dibromofluoromethane	7.59	113	402864	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.09	98	1522500	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.40	95	503533	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
Target Compounds						
30) Chloroform	7.37	83	42929	3.111	ug/l	99
47) Bromodichloromethane	9.40	83	17860	1.572	ug/l	100
60) Dibromochloromethane	10.90	129	5859	0.686	ug/l	99

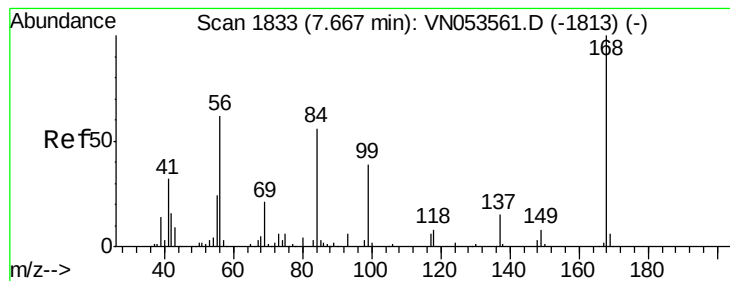
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020619\
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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: VN053643.D

Acq: 6 Feb 2019 18:57

Instrument :

MSVOA_N

ClientSampled :

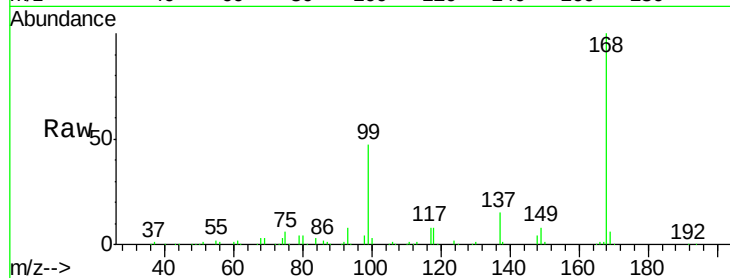
M-7

Tot Ion:168 Resp: 763902

Ion Ratio Lower Upper

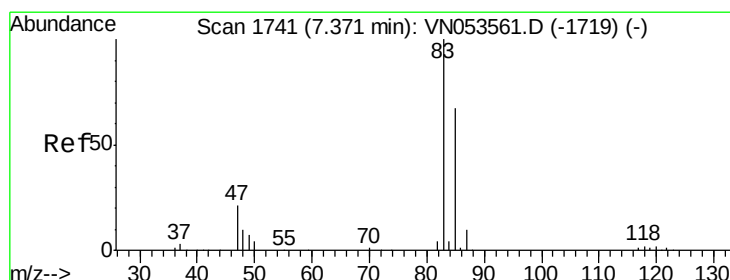
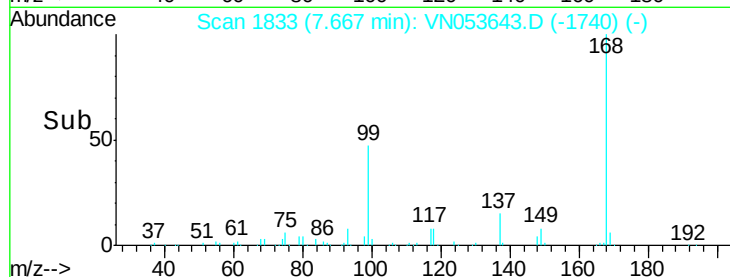
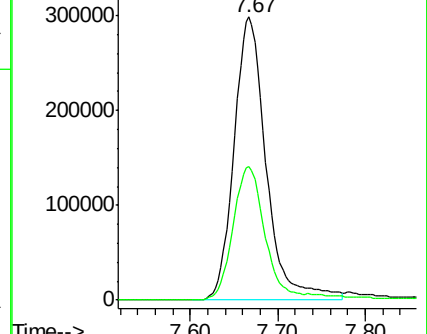
168 100

99 47.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#30

Chloroform

Concen: 3.111 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN053643.D

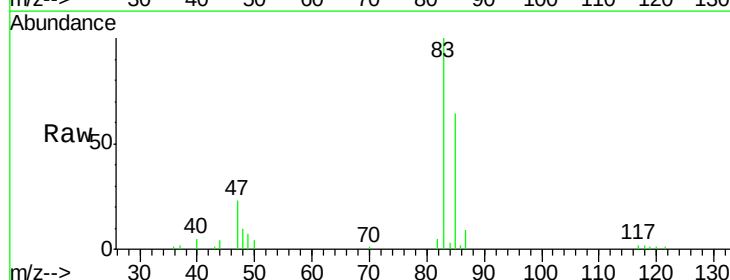
Acq: 6 Feb 2019 18:57

Tgt Ion: 83 Resp: 42929

Ion Ratio Lower Upper

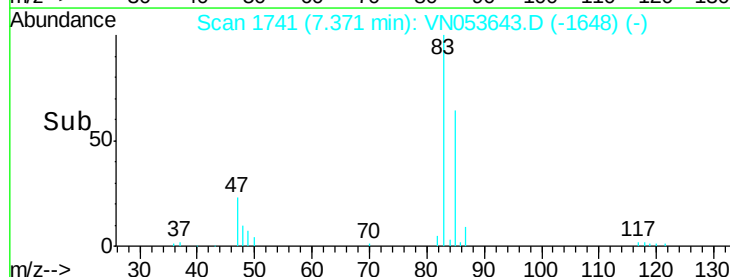
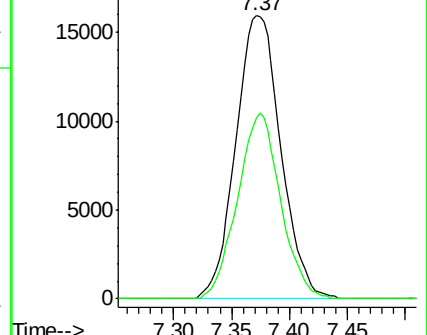
83 100

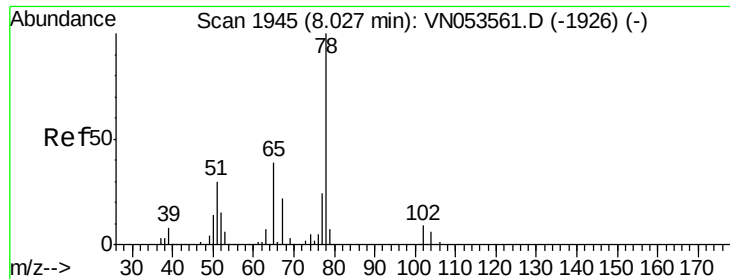
85 64.1 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053643.D

Acq: 6 Feb 2019 18:57

Instrument :

MSVOA_N

ClientSampleId :

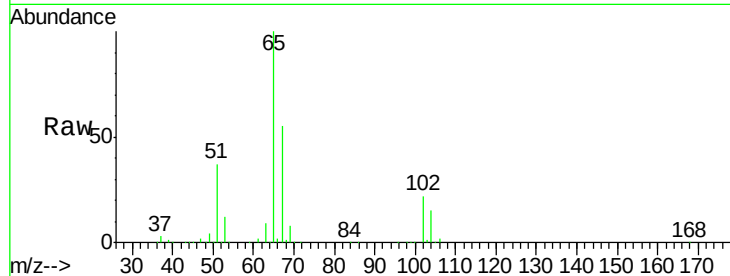
M-7

Tot Ion: 65 Resp: 409330

Ion Ratio Lower Upper

65 100

67 55.3 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053561.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN053561.D (-1926) (-)

8.03

200000

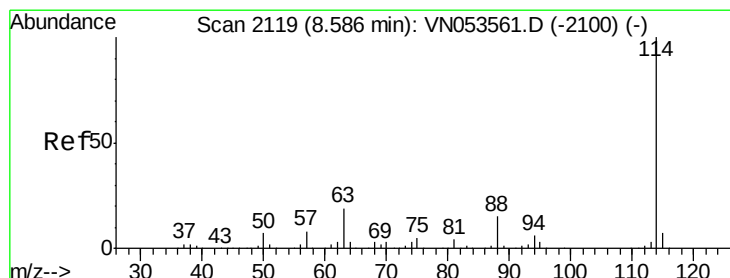
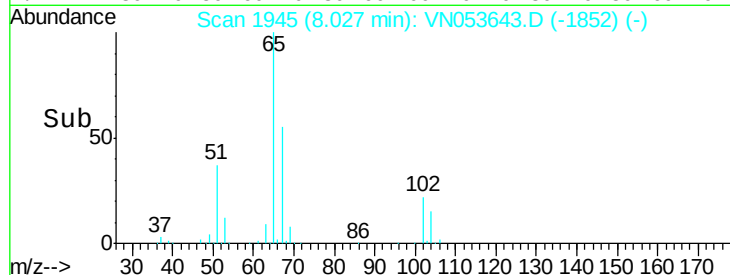
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053643.D

Acq: 6 Feb 2019 18:57

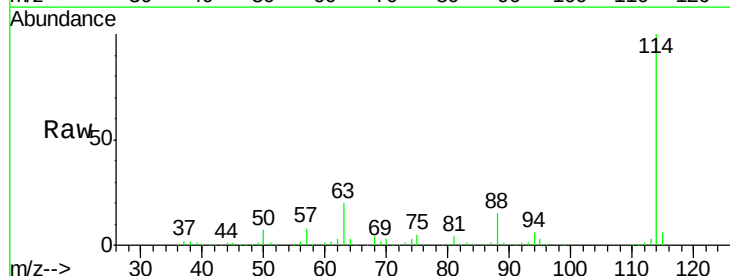
Tgt Ion: 114 Resp: 1274808

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.6

88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053561.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN053561.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN053561.D (-2100) (-)

8.59

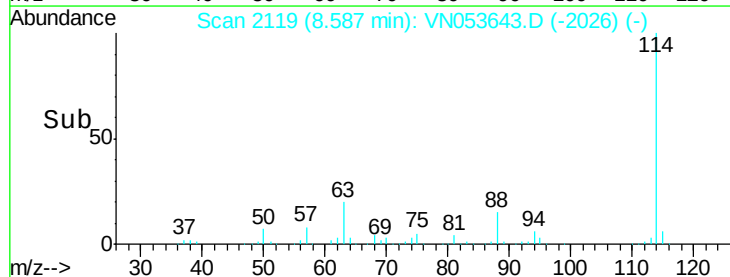
600000

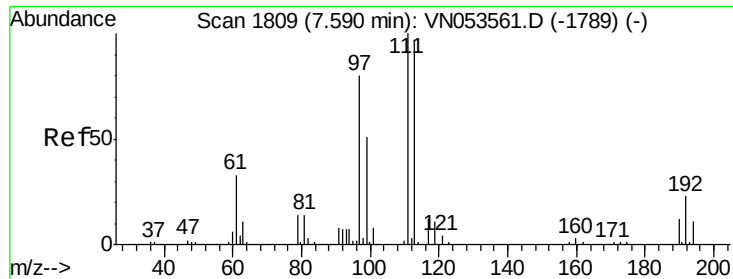
400000

200000

0

Time-->

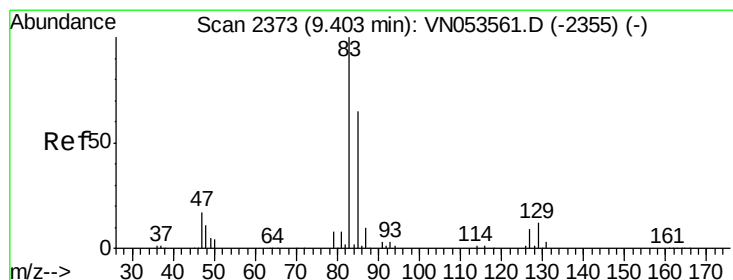
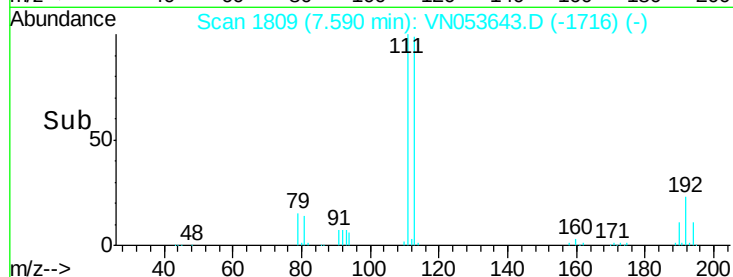
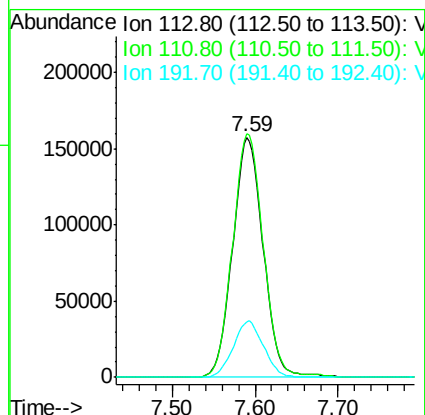
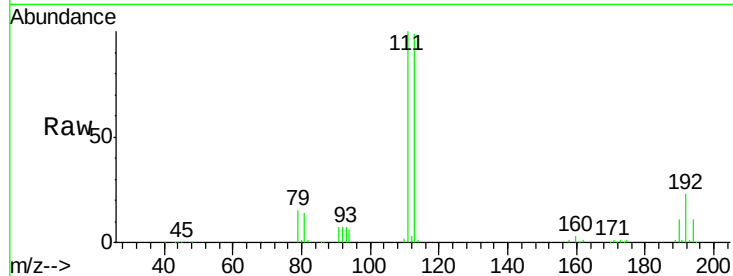




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053643.D
 Acq: 6 Feb 2019 18:57

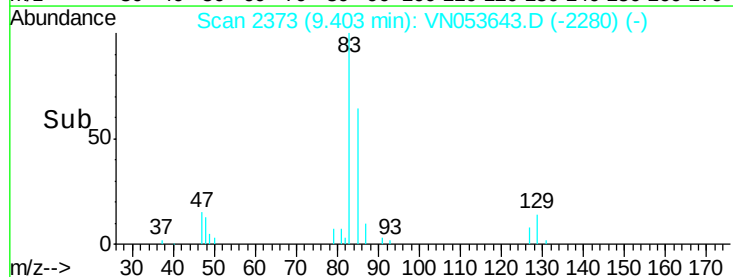
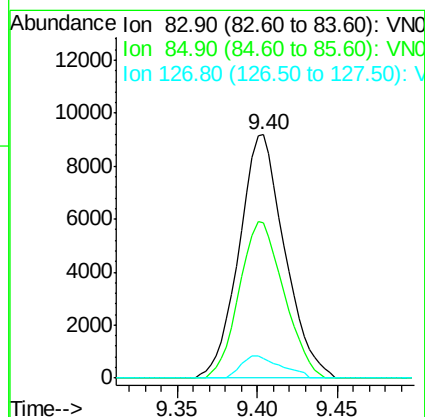
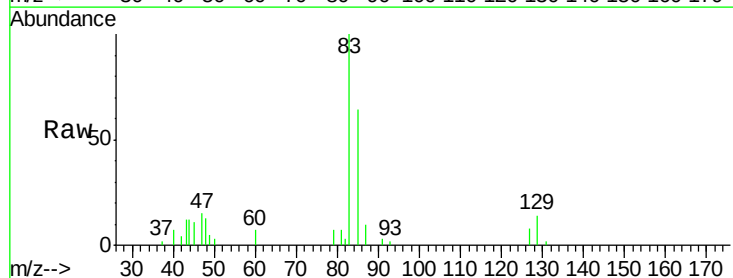
Instrument :
 MSVOA_N
 ClientSampled :
 M-7

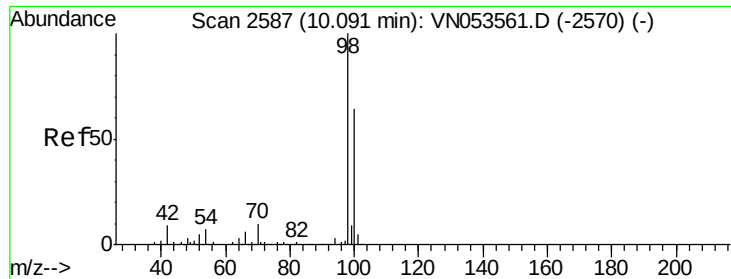
Tot Ion:113 Resp: 402864
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.1 121.7
 192 23.1 18.2 27.2



#47
 Bromodichloromethane
 Concen: 1.572 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN053643.D
 Acq: 6 Feb 2019 18:57

Tgt Ion: 83 Resp: 17860
 Ion Ratio Lower Upper
 83 100
 85 63.8 51.0 76.6
 127 8.2 7.0 10.6

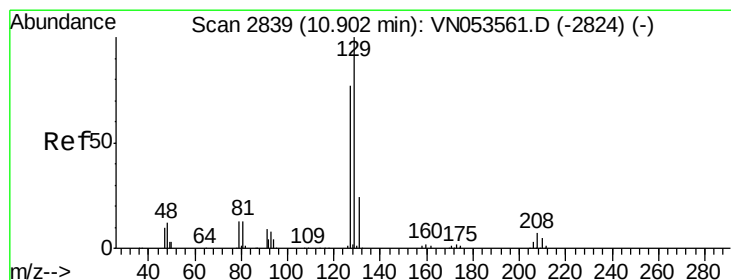
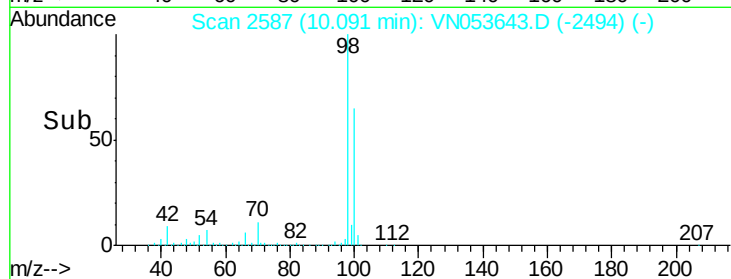
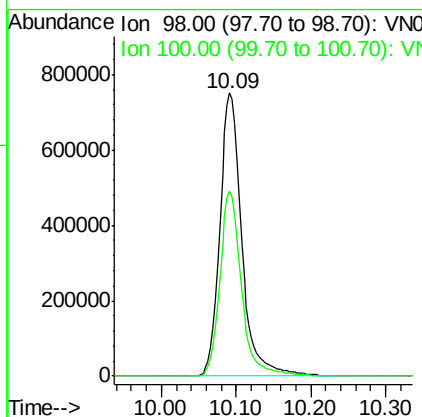
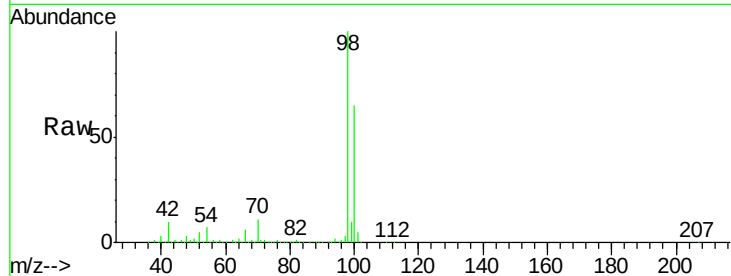




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053643.D
Acq: 6 Feb 2019 18:57

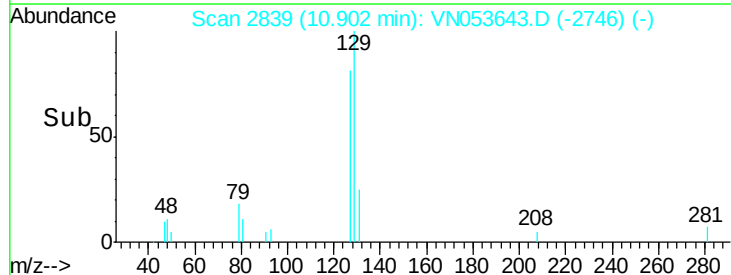
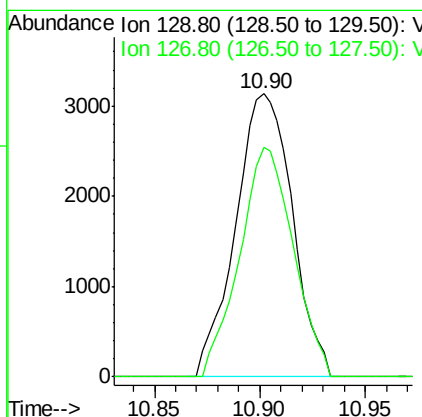
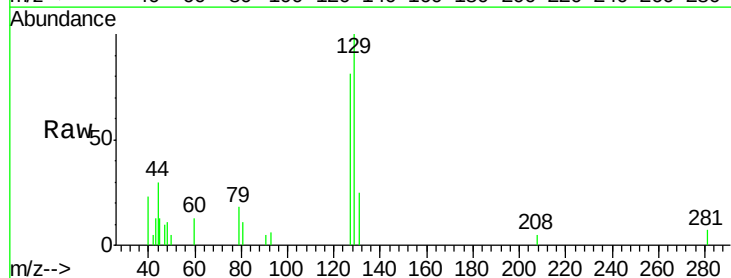
Instrument :
MSVOA_N
ClientSampled :
M-7

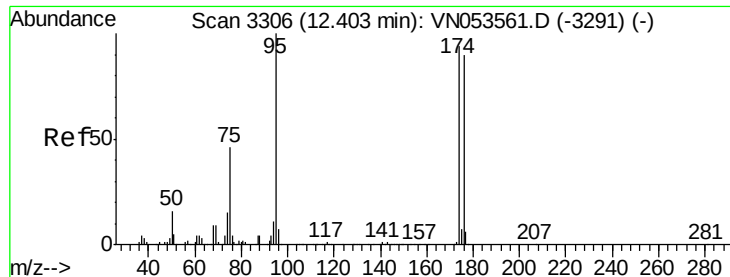
Tot Ion: 98 Resp: 1522500
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#60
Dibromochloromethane
Concen: 0.686 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053643.D
Acq: 6 Feb 2019 18:57

Tgt Ion: 129 Resp: 5859
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053643.D

Acq: 6 Feb 2019 18:57

Instrument :

MSVOA_N

ClientSampleId :

M-7

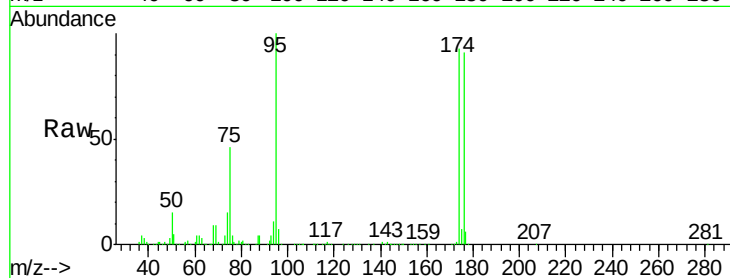
Tot Ion: 95 Resp: 503533

Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.2

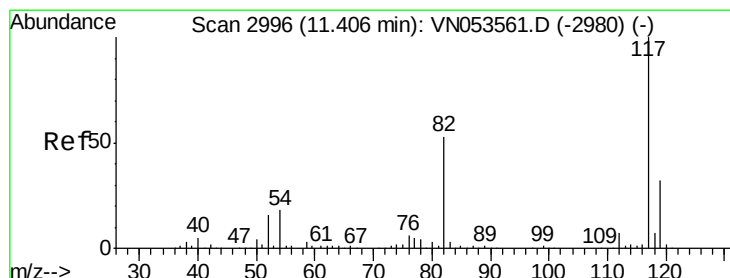
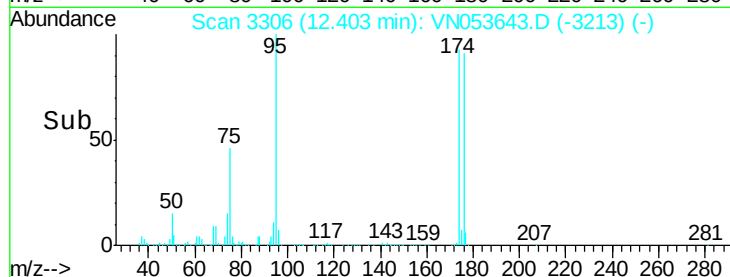
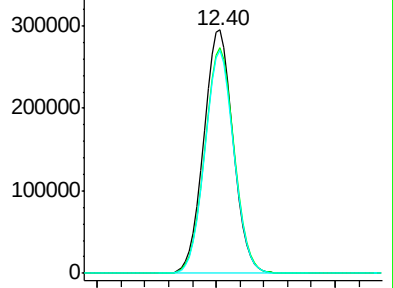
176 90.5 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053643.D

Acq: 6 Feb 2019 18:57

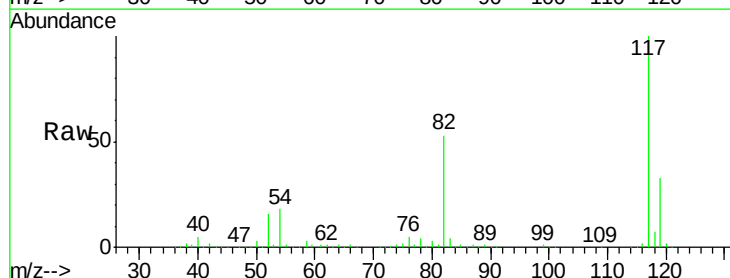
Tgt Ion: 117 Resp: 1132899

Ion Ratio Lower Upper

117 100

82 53.3 42.9 64.3

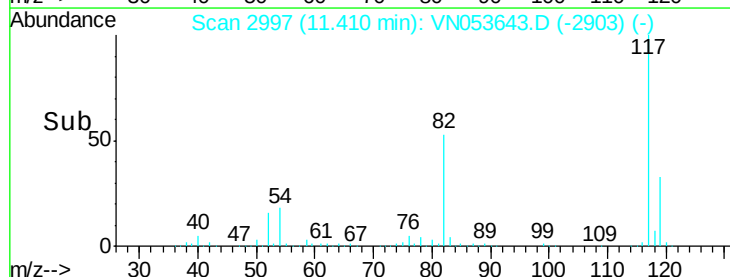
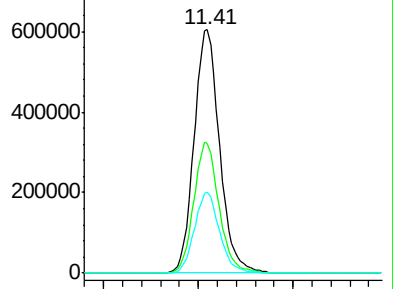
119 33.1 26.0 39.0

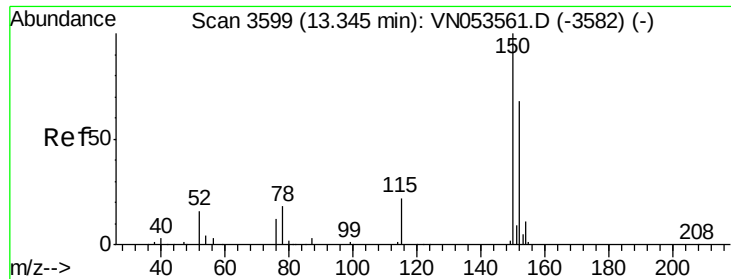


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053643.D

Acq: 6 Feb 2019 18:57

Instrument :

MSVOA_N

ClientSampleId :

M-7

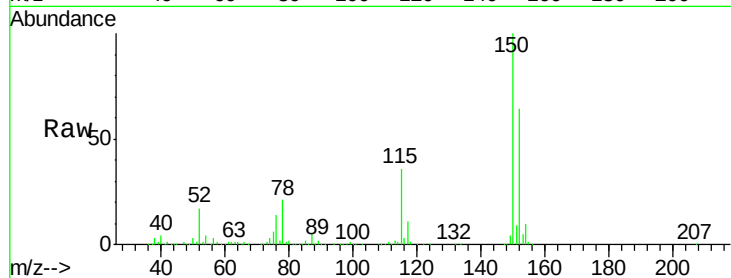
Tot Ion:152 Resp: 466317

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.4

150 158.0 0.0 349.0



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

