

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056043.D
 Acq On : 6 Jun 2019 14:05
 Operator : JC/SP
 Sample : K3195-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF014MW012-190603

Quant Time: Jun 06 19:13:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

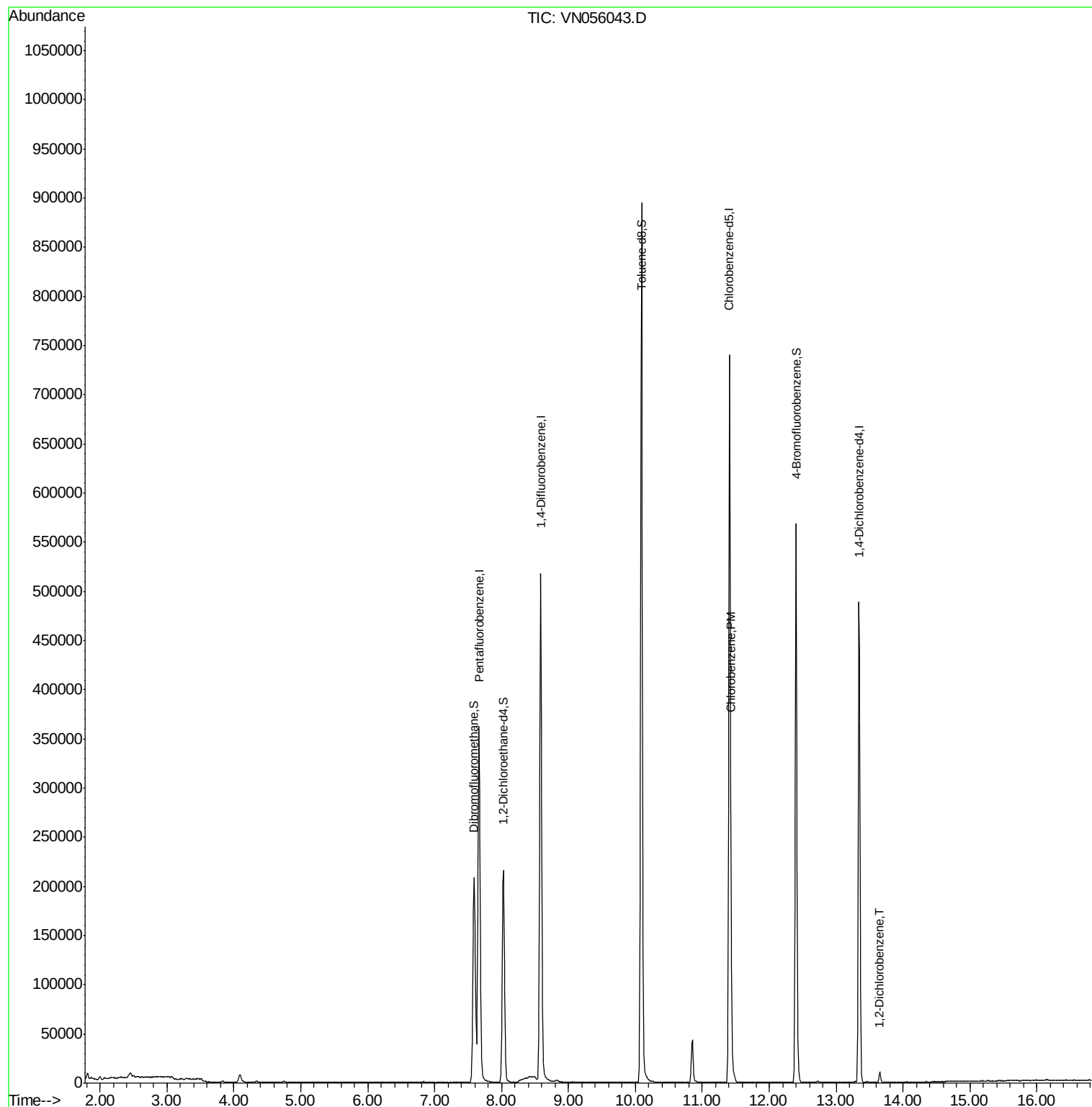
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	338362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	510087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	478096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	183035	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
35) Dibromofluoromethane	7.59	113	160583	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
50) Toluene-d8	10.09	98	656938	54.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.10%	
62) 4-Bromofluorobenzene	12.40	95	204079	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
Target Compounds						
65) Chlorobenzene	11.43	112	41565	4.368	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	5898	1.169	ug/l	97

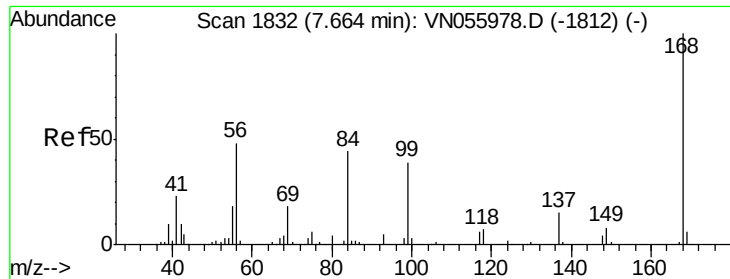
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 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: VN056043.D

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MSVOA_N

ClientSampleId :

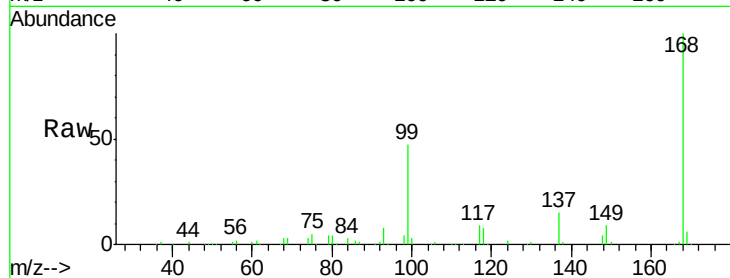
LF014MW012-190603

Tot Ion:168 Resp: 338362

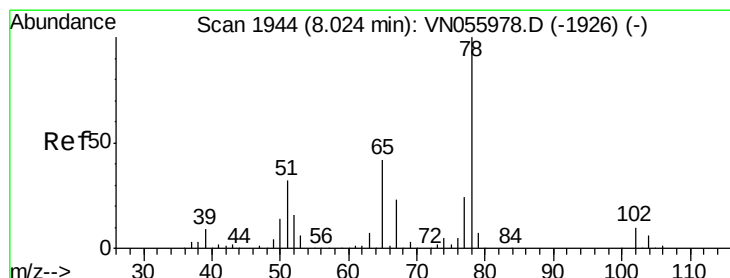
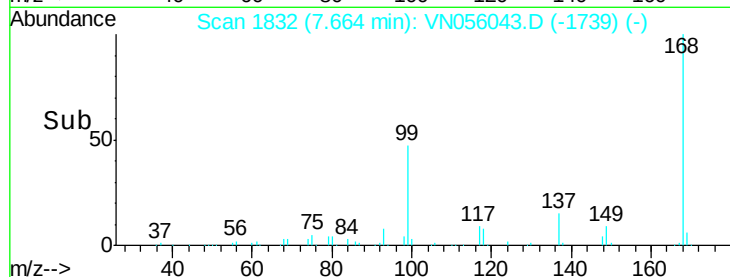
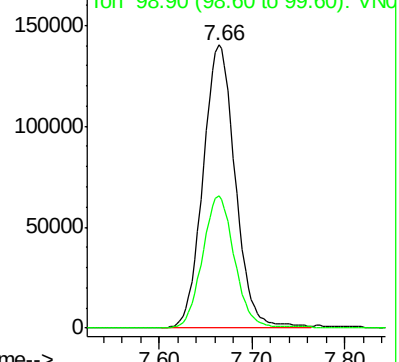
Ion Ratio Lower Upper

168 100

99 46.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.480 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056043.D

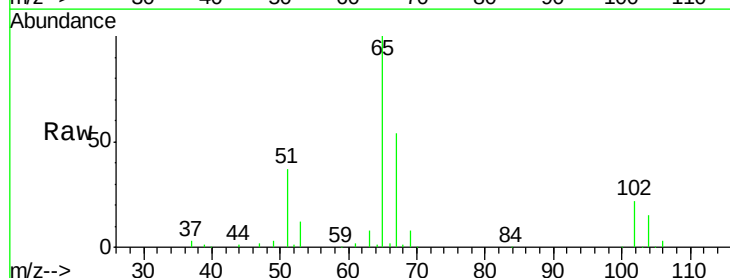
Acq: 6 Jun 2019 14:05

Tgt Ion: 65 Resp: 183035

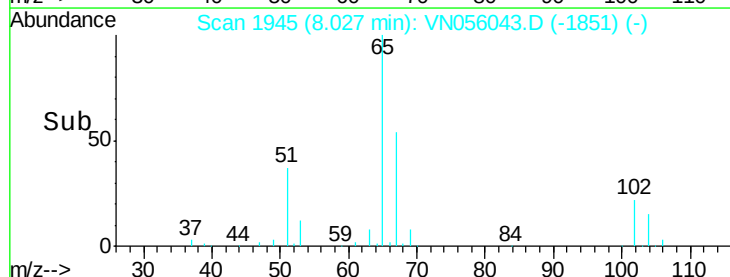
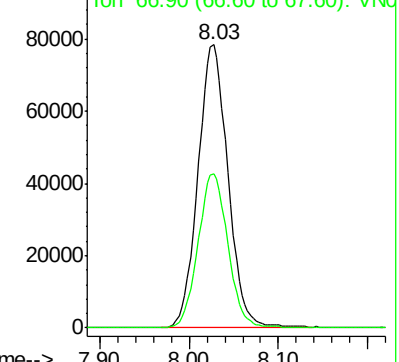
Ion Ratio Lower Upper

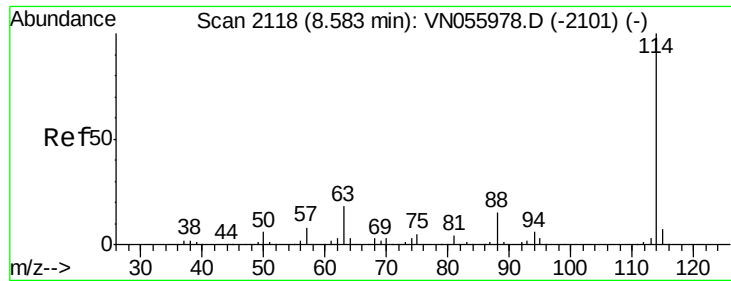
65 100

67 54.1 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055978.D (-1926) (-)

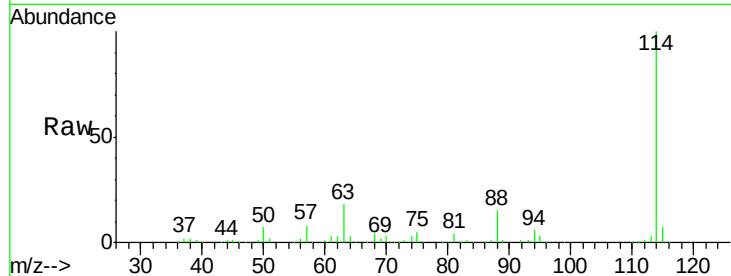




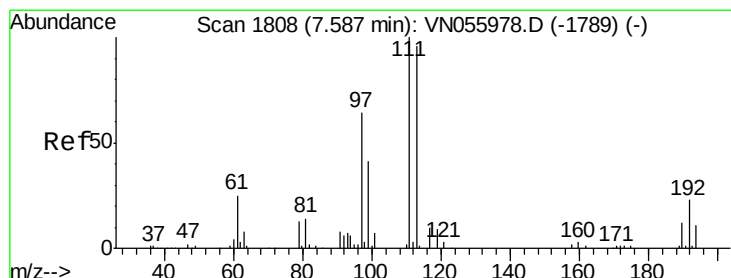
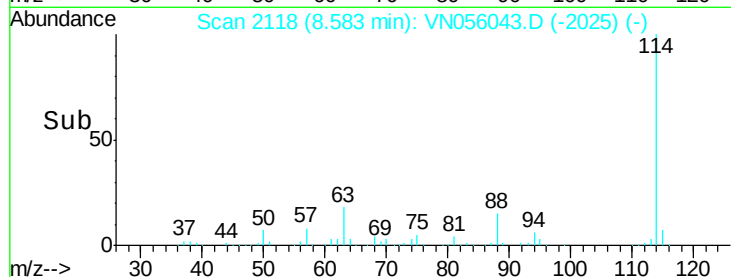
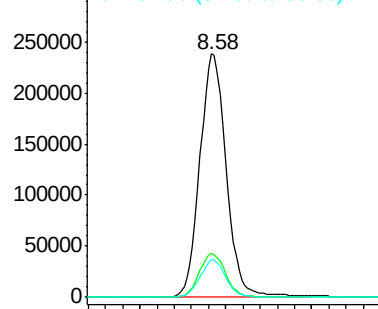
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056043.D
 Acq: 6 Jun 2019 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 LF014MW012-190603

Tot Ion:114 Resp: 510087
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.2
 88 15.2 0.0 31.0

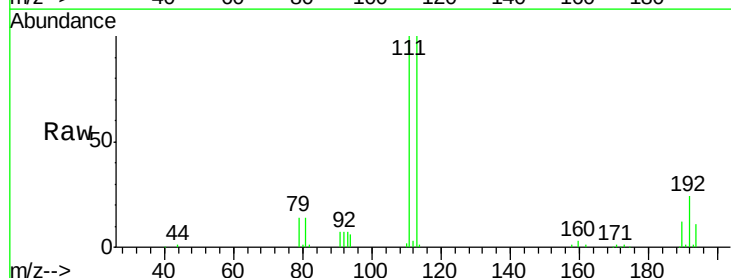


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

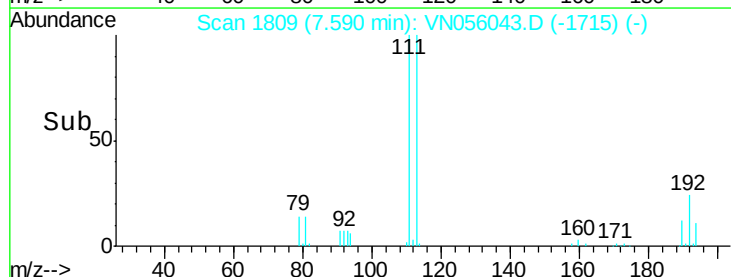
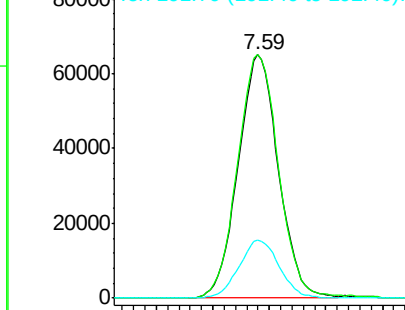


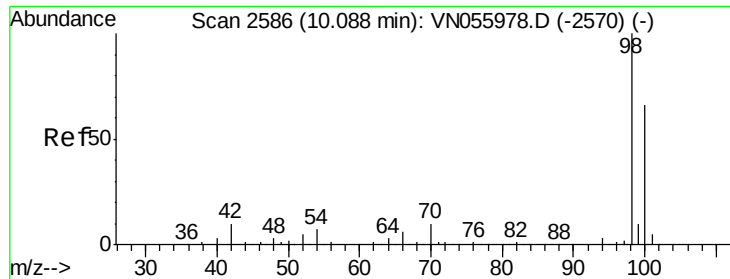
#35
 Dibromofluoromethane
 Concen: 51.312 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056043.D
 Acq: 6 Jun 2019 14:05

Tgt Ion:113 Resp: 160583
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 23.8 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





#50

Toluene-d8

Concen: 54.551 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056043.D

Acq: 6 Jun 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

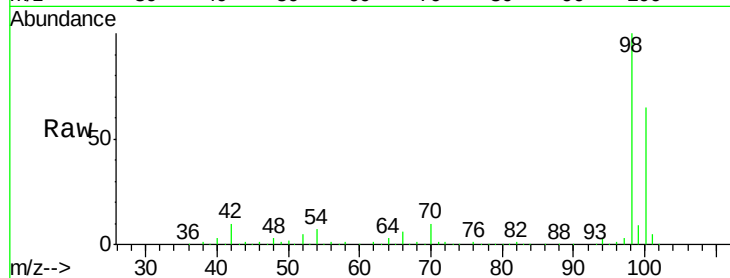
LF014MW012-190603

Tot Ion: 98 Resp: 656938

Ion Ratio Lower Upper

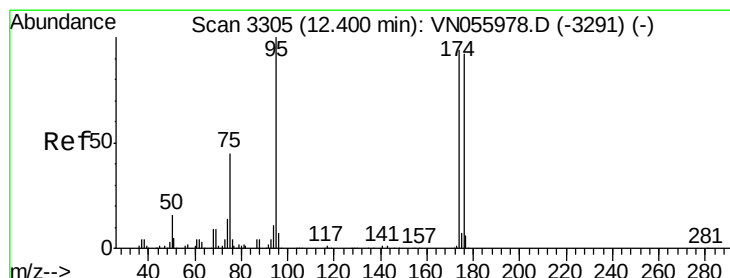
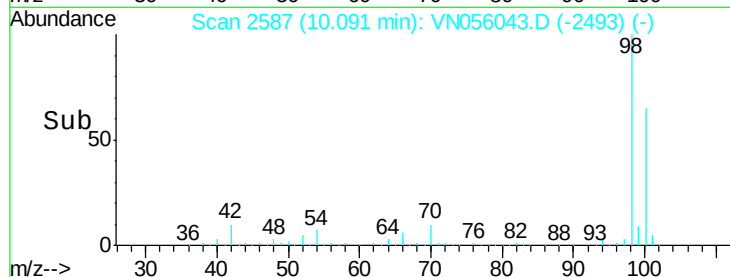
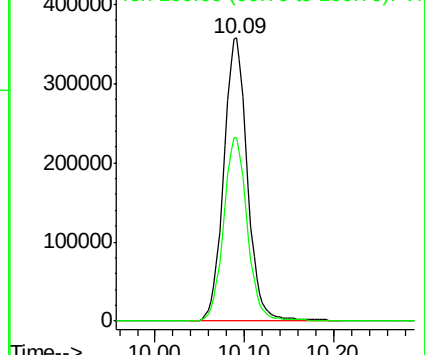
98 100

100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 49.832 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056043.D

Acq: 6 Jun 2019 14:05

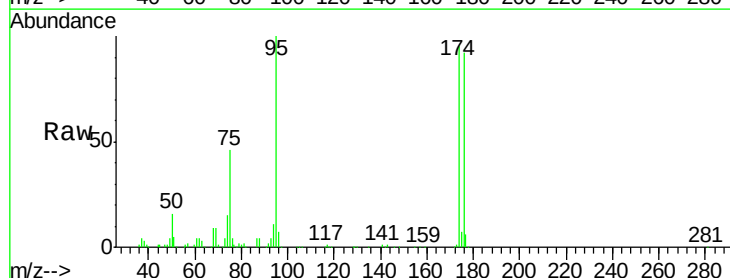
Tgt Ion: 95 Resp: 204079

Ion Ratio Lower Upper

95 100

174 95.5 0.0 191.0

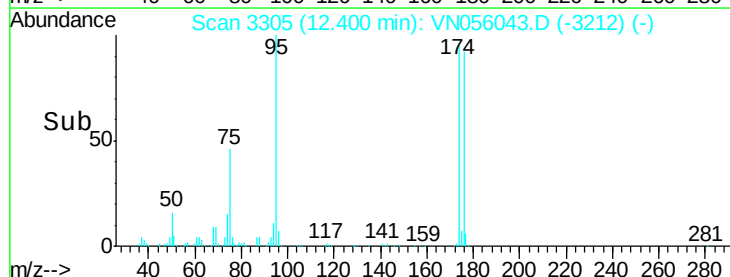
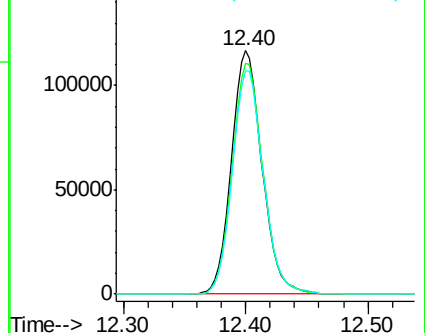
176 92.9 0.0 185.2

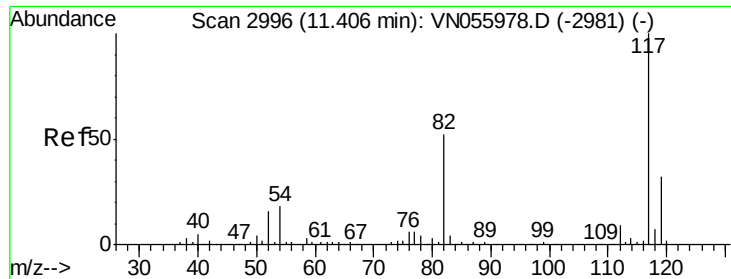


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

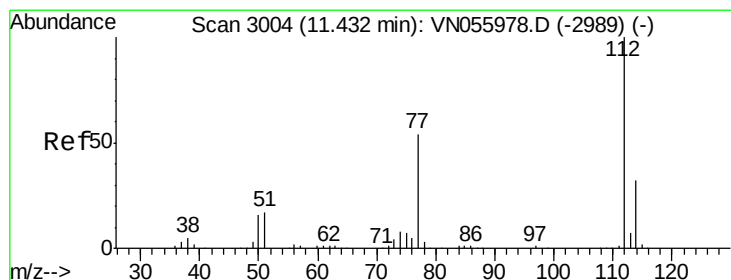
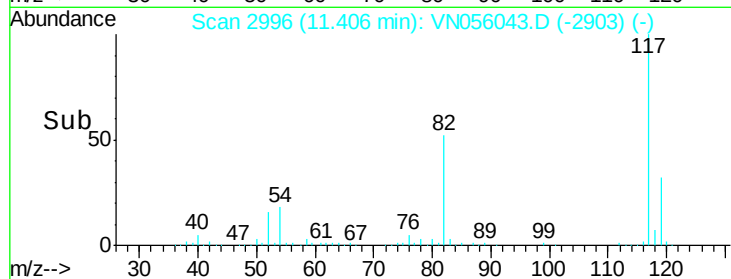
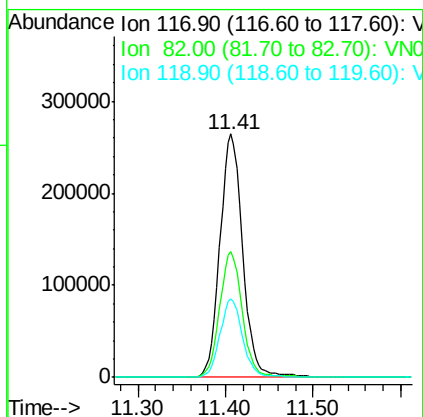
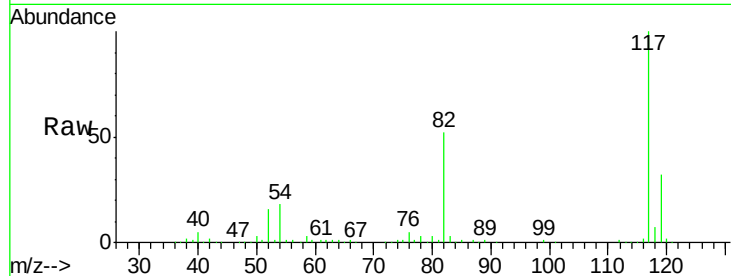




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056043.D
Acq: 6 Jun 2019 14:05

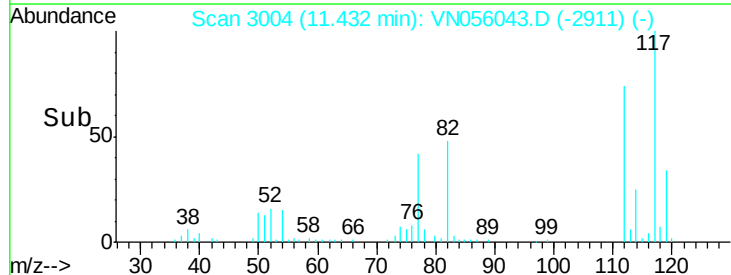
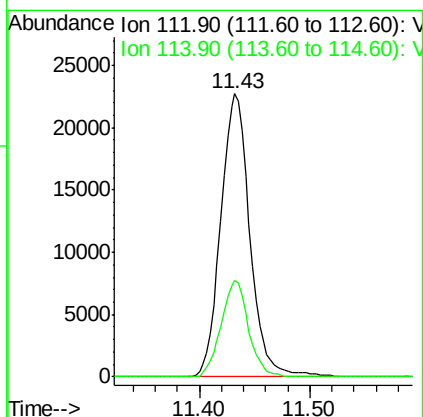
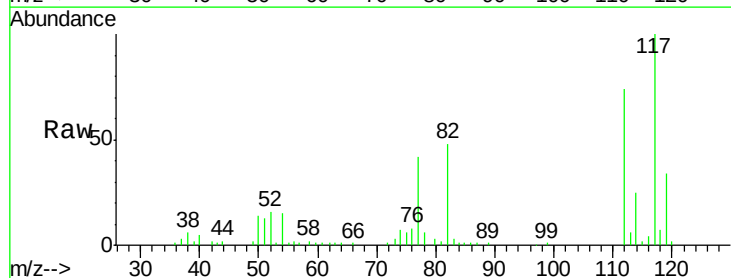
Instrument :
MSVOA_N
ClientSampleId :
LF014MW012-190603

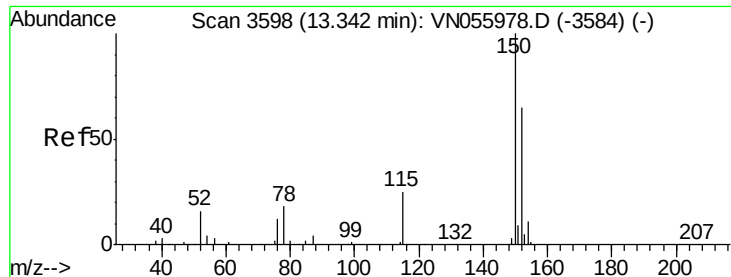
Tot Ion:117 Resp: 478096
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 32.5 25.4 38.0



#65
Chlorobenzene
Concen: 4.368 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056043.D
Acq: 6 Jun 2019 14:05

Tgt Ion:112 Resp: 41565
Ion Ratio Lower Upper
112 100
114 34.0 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056043.D

Acq: 6 Jun 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

LF014MW012-190603

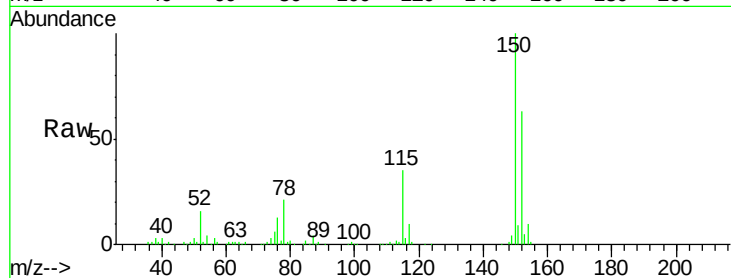
Tot Ion:152 Resp: 150805

Ion Ratio Lower Upper

152 100

115 54.2 27.0 81.0

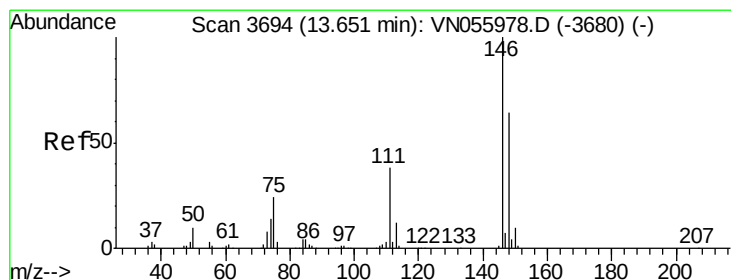
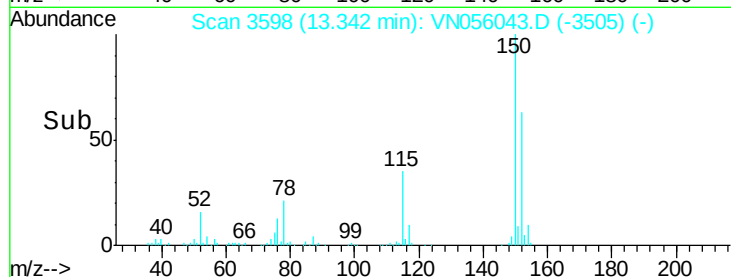
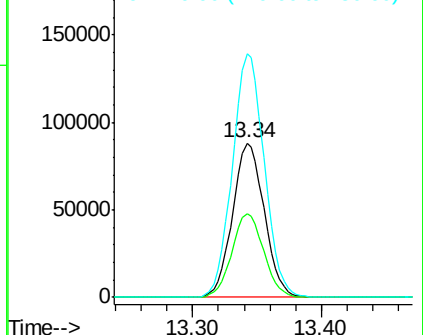
150 158.8 0.0 343.2



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



#91

1,2-Dichlorobenzene

Concen: 1.169 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056043.D

Acq: 6 Jun 2019 14:05

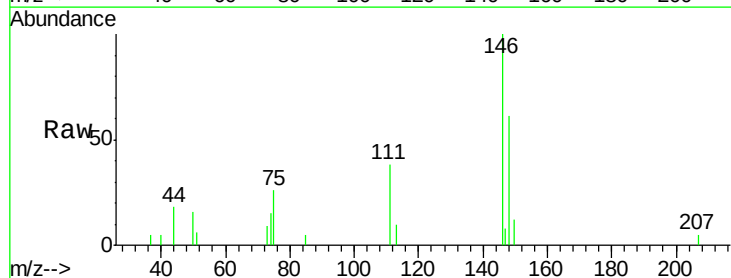
Tgt Ion:146 Resp: 5898

Ion Ratio Lower Upper

146 100

111 37.2 19.1 57.5

148 60.5 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

