

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056114.D
 Acq On : 7 Jun 2019 21:50
 Operator : JC/SP
 Sample : K3203-07DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW047-190604DL

Quant Time: Jun 08 06:56:07 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

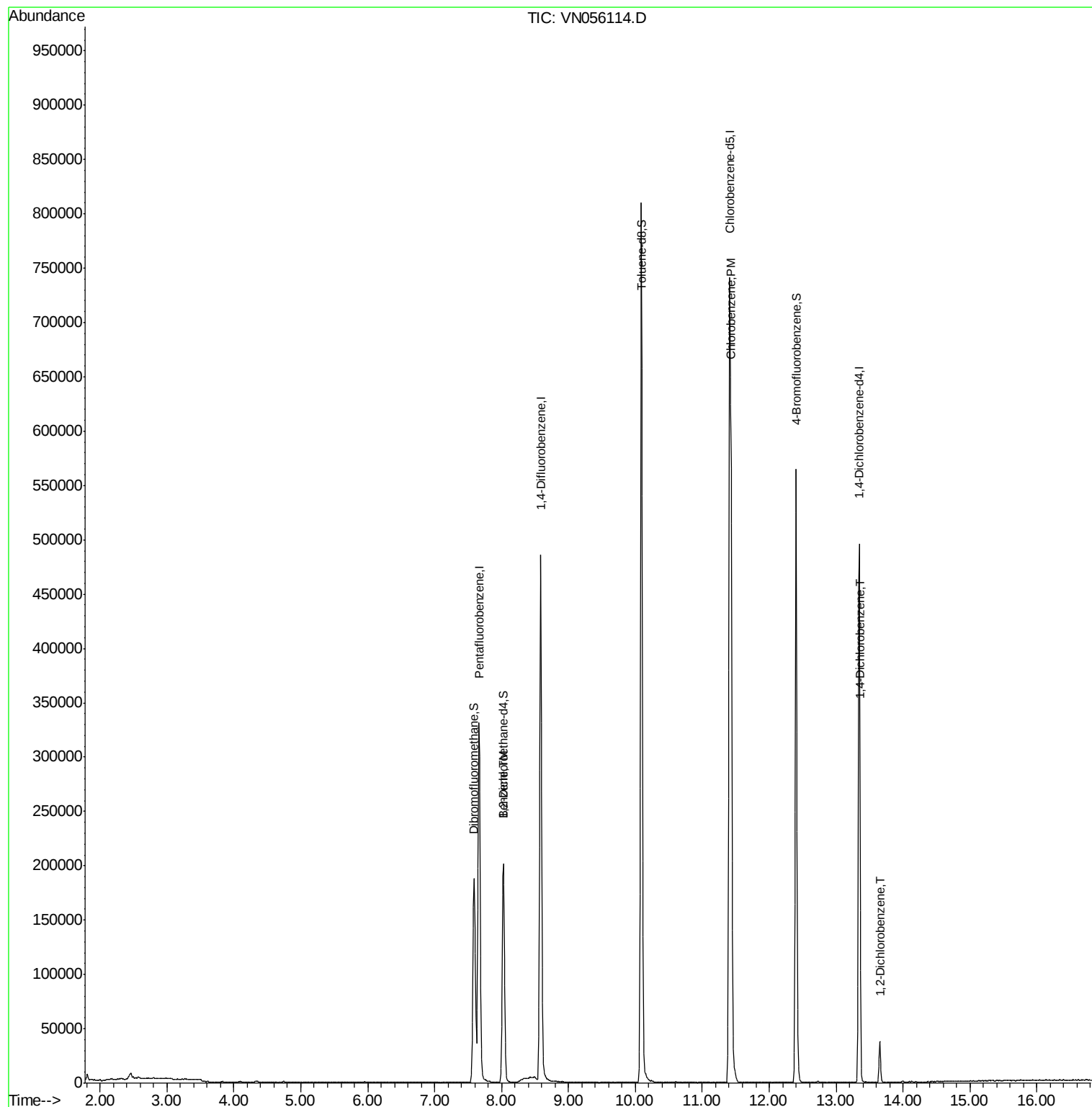
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	315091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	473820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	457019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	156489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	169076	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.08%	
35) Dibromofluoromethane	7.59	113	146597	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
50) Toluene-d8	10.09	98	612675	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
62) 4-Bromofluorobenzene	12.40	95	198457	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
Target Compounds						
40) Benzene	8.04	78	6072	0.491	ug/l	93
65) Chlorobenzene	11.43	112	299544	32.933	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	4913	0.985	ug/l #	72
91) 1,2-Dichlorobenzene	13.65	146	18446	3.523	ug/l	99

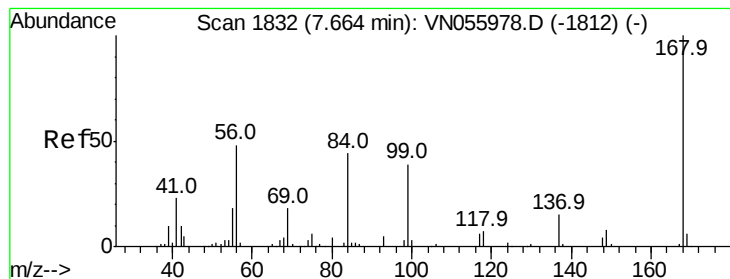
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060819\
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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: VN056114.D

Acq: 7 Jun 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

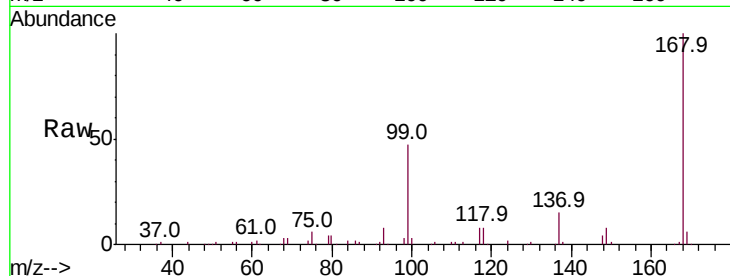
LF015MW047-190604DL

Tot Ion:168 Resp: 315091

Ion Ratio Lower Upper

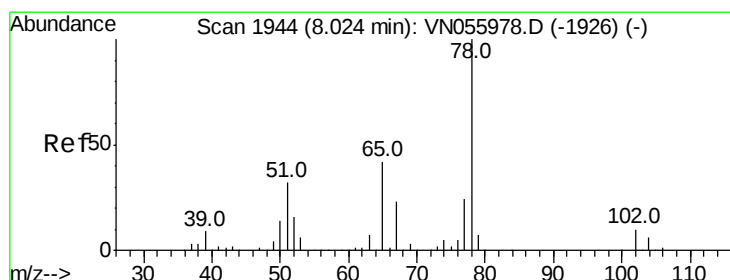
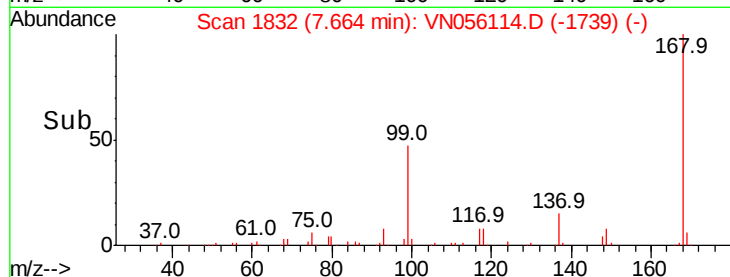
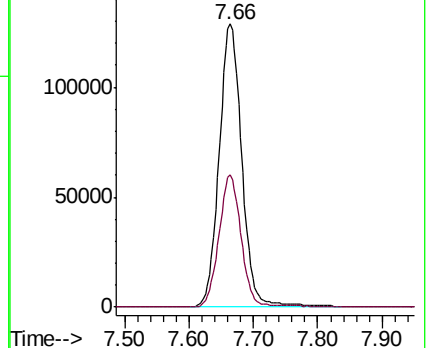
168 100

99 46.6 37.2 55.8



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

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.042 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056114.D

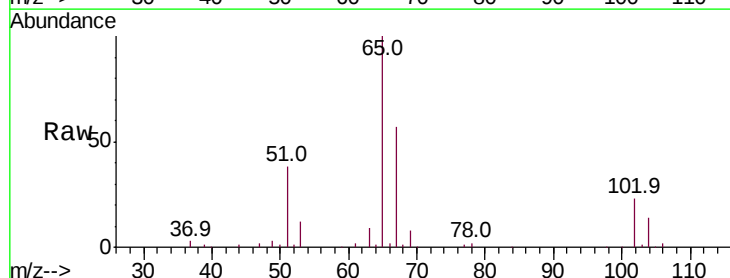
Acq: 7 Jun 2019 21:50

Tgt Ion: 65 Resp: 169076

Ion Ratio Lower Upper

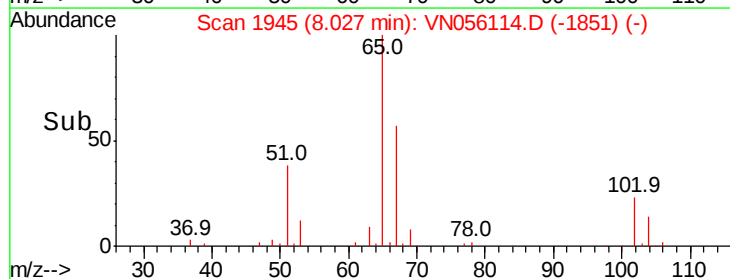
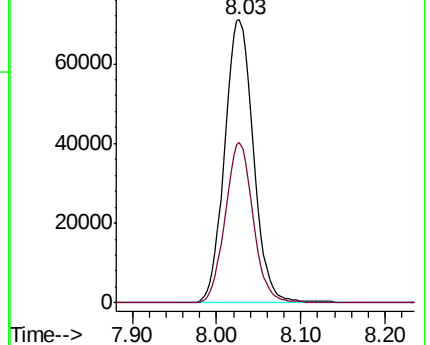
65 100

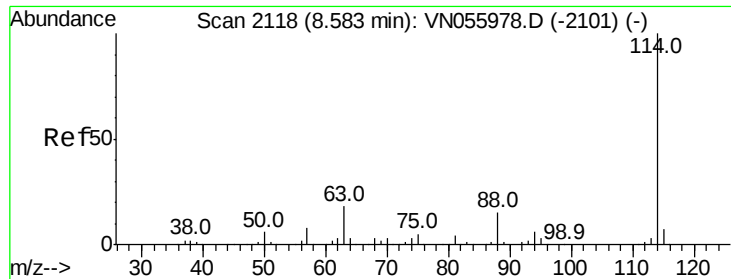
67 54.6 0.0 109.2



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

Ion 66.90 (66.60 to 67.60): VN055978.D (-1926) (-)

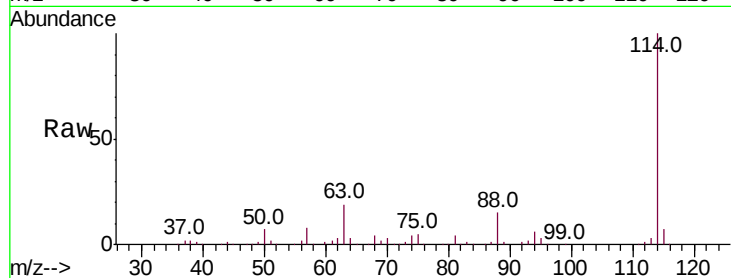




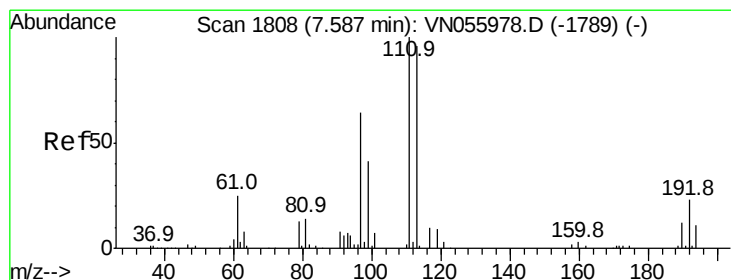
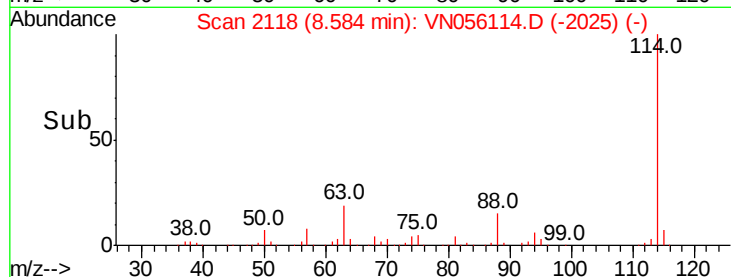
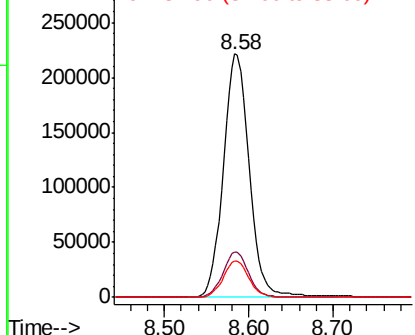
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056114.D
 Acq: 7 Jun 2019 21:50

Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW047-190604DL

Tot Ion:114 Resp: 473820
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 15.2 0.0 31.0

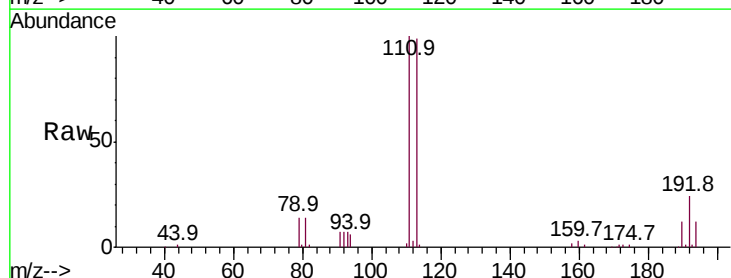


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

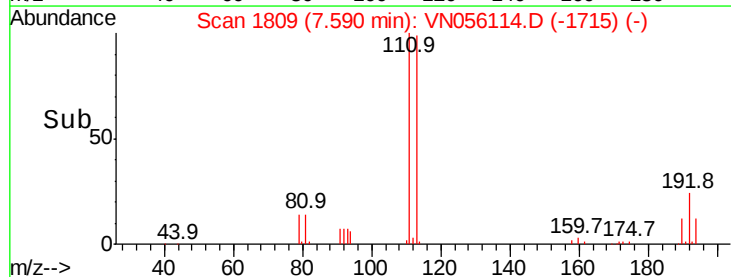
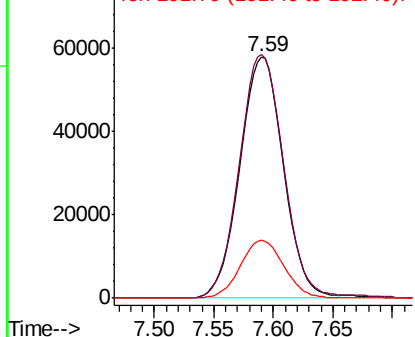


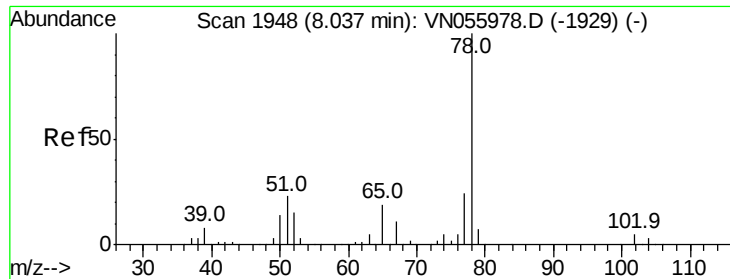
#35
 Dibromofluoromethane
 Concen: 50.428 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056114.D
 Acq: 7 Jun 2019 21:50

Tgt Ion:113 Resp: 146597
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.9 122.9
 192 23.9 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





#40

Benzene

Concen: 0.491 ug/l

RT: 8.04 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN056114.D

Acq: 7 Jun 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

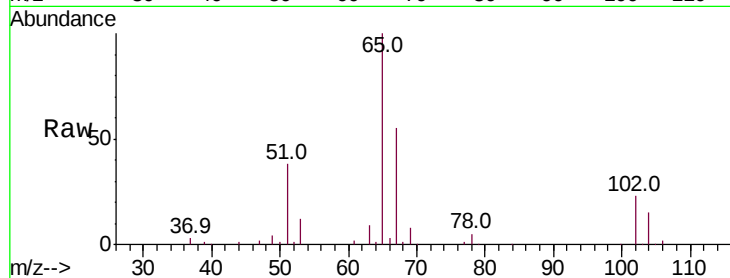
LF015MW047-190604DL

Tot Ion: 78 Resp: 6072

Ion Ratio Lower Upper

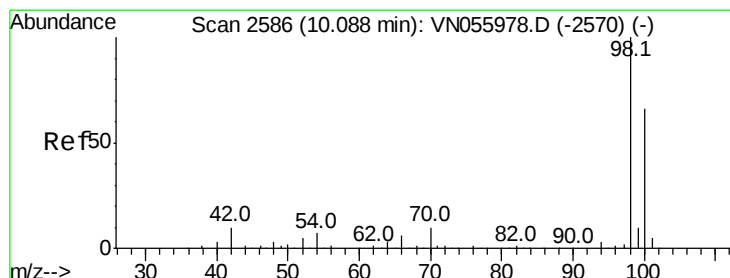
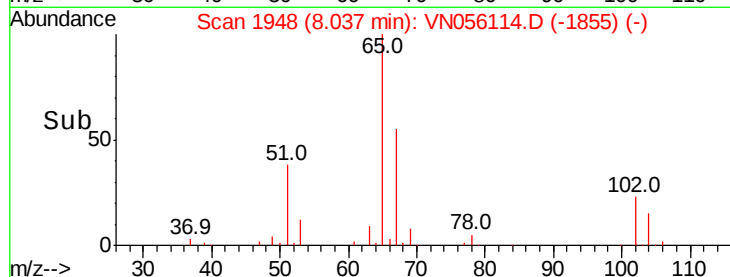
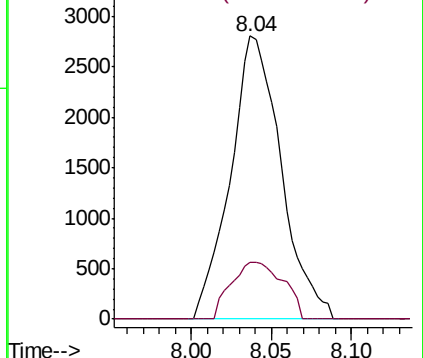
78 100

77 20.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#50

Toluene-d8

Concen: 54.770 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056114.D

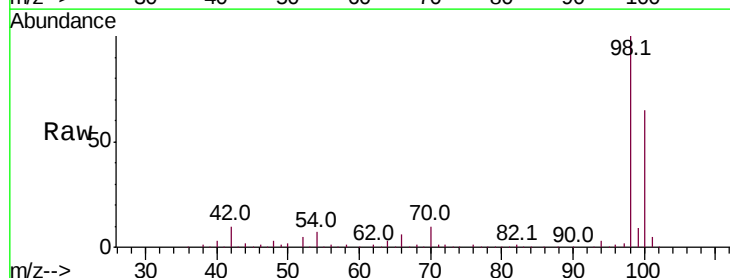
Acq: 7 Jun 2019 21:50

Tgt Ion: 98 Resp: 612675

Ion Ratio Lower Upper

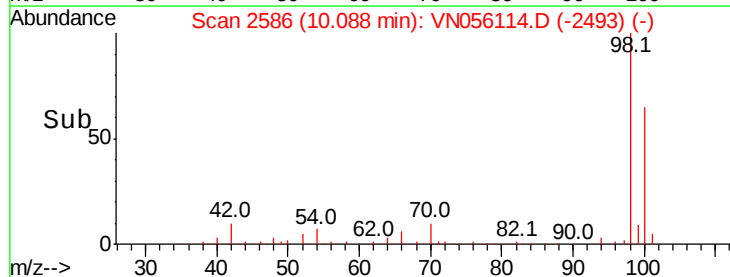
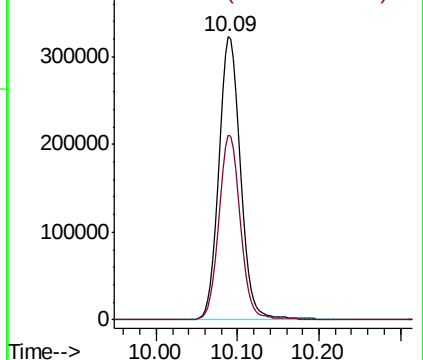
98 100

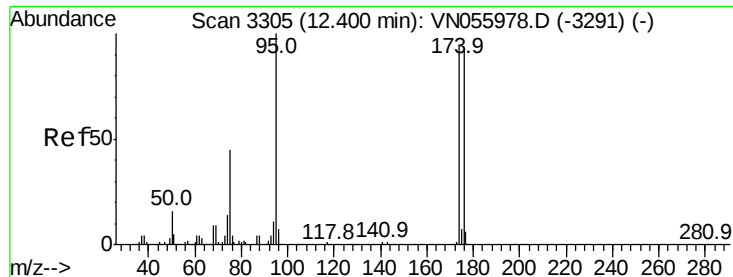
100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 52.168 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056114.D

Acq: 7 Jun 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

LF015MW047-190604DL

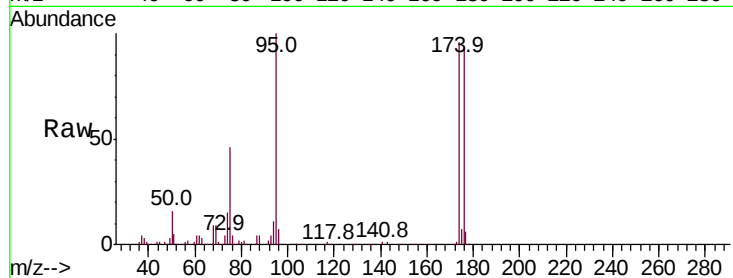
Tot Ion: 95 Resp: 198457

Ion Ratio Lower Upper

95 100

174 96.6 0.0 191.0

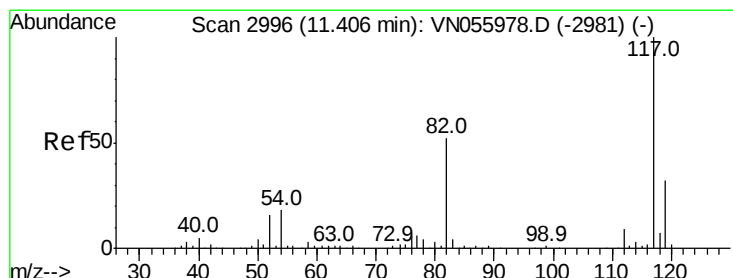
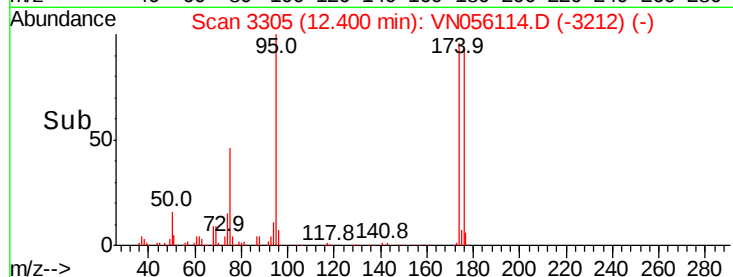
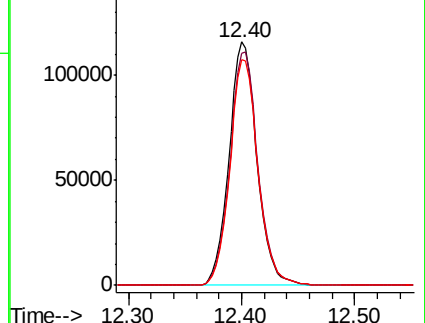
176 93.6 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056114.D

Acq: 7 Jun 2019 21:50

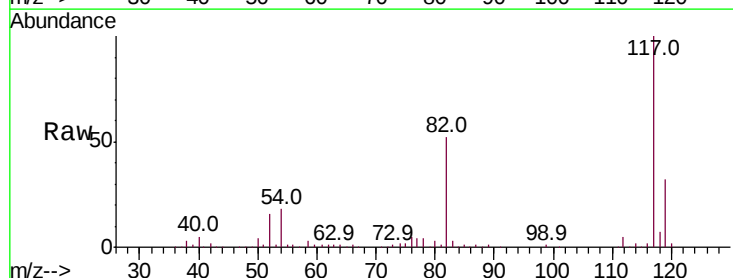
Tgt Ion: 117 Resp: 457019

Ion Ratio Lower Upper

117 100

82 51.6 41.8 62.8

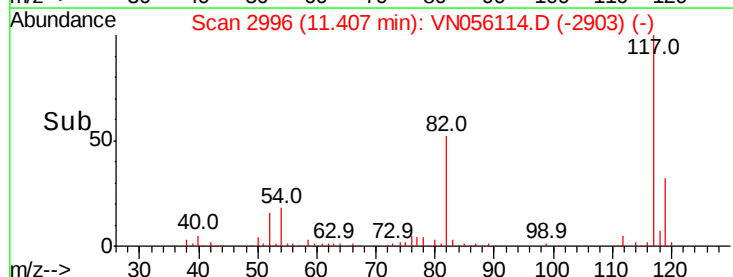
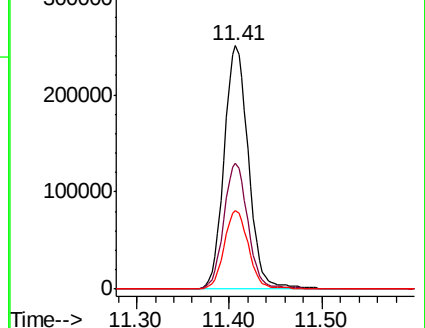
119 32.4 25.4 38.0

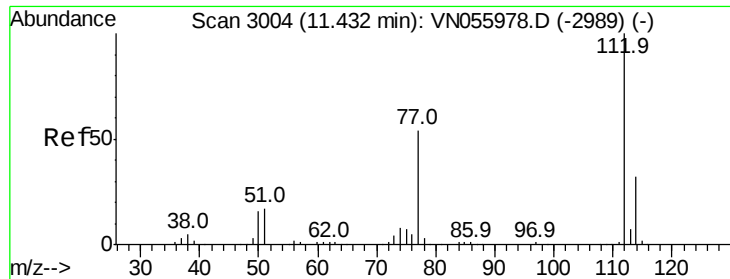


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)

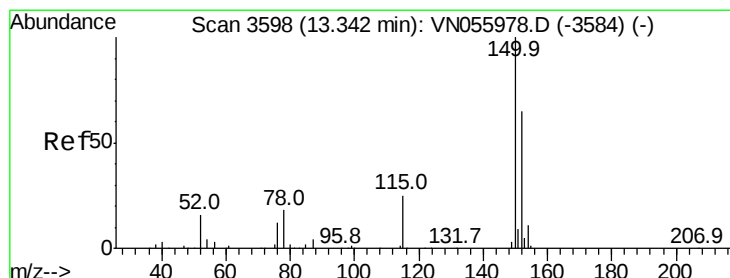
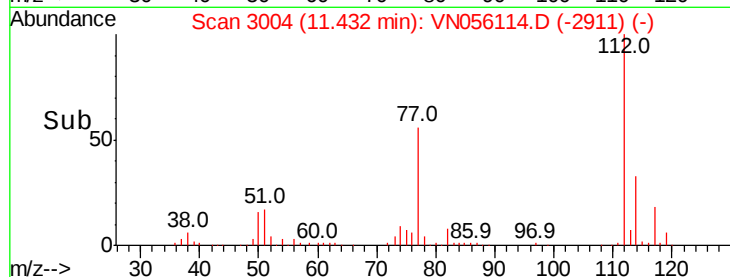
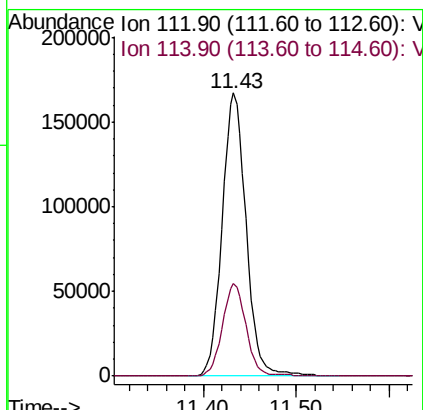
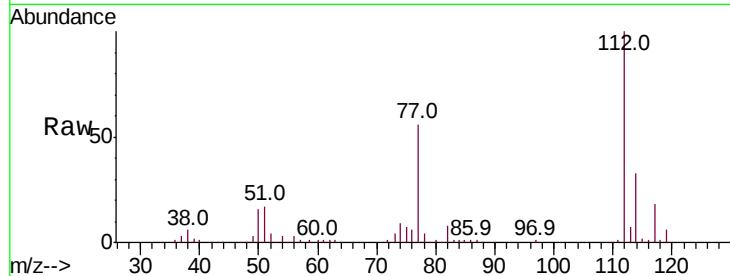




#65
Chlorobenzene
Concen: 32.933 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056114.D
Acq: 7 Jun 2019 21:50

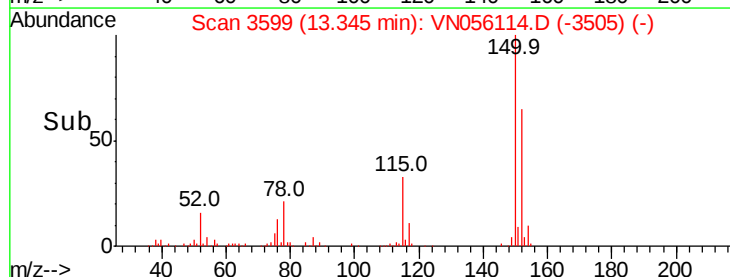
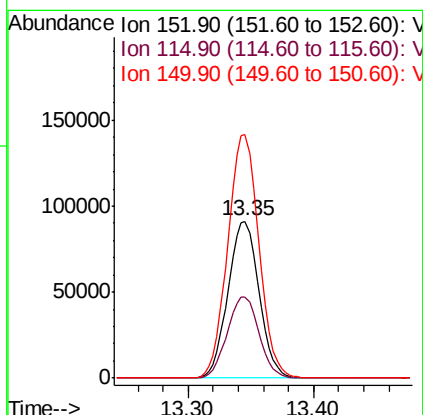
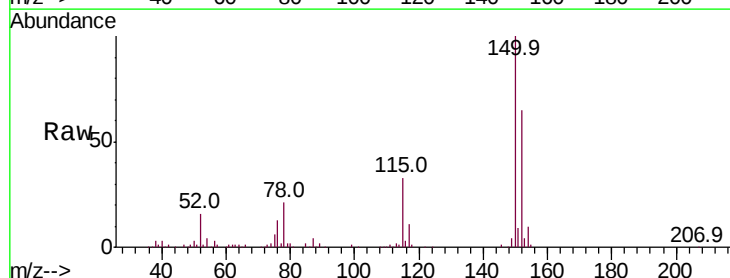
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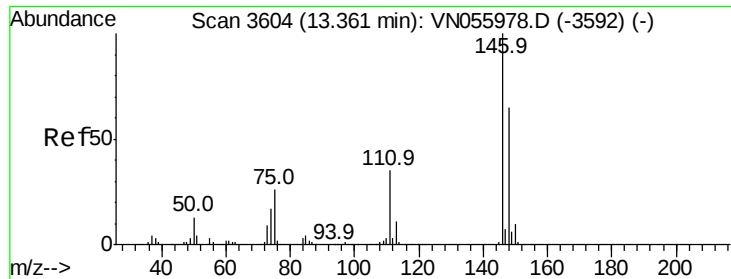
Tot Ion:112 Resp: 299544
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN056114.D
Acq: 7 Jun 2019 21:50

Tgt Ion:152 Resp: 156489
Ion Ratio Lower Upper
152 100
115 52.8 27.0 81.0
150 155.7 0.0 343.2

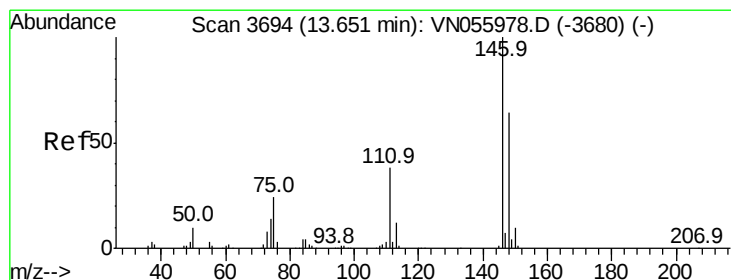
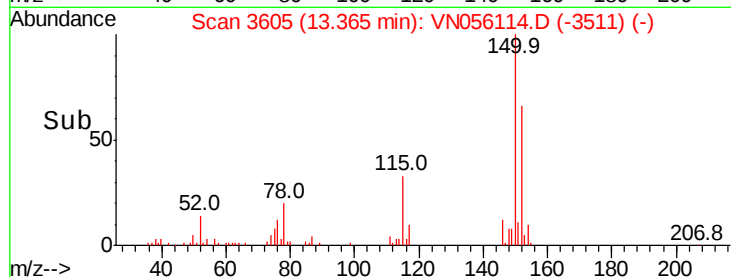
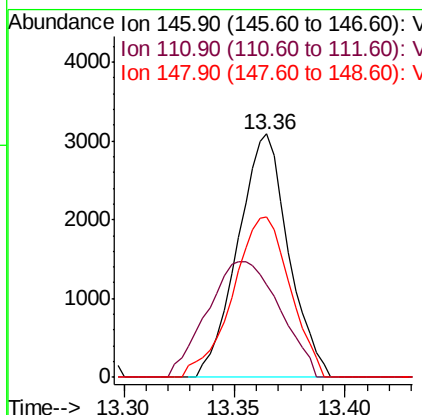
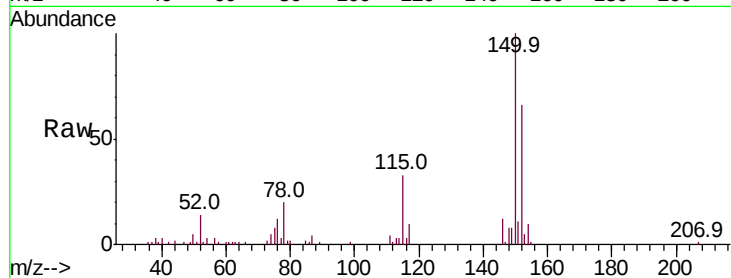




#88
1,4-Dichlorobenzene
Concen: 0.985 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.00 min
Lab File: VN056114.D
Acq: 7 Jun 2019 21:50

Instrument :
MSVOA_N
ClientSampleId :
LF015MW047-190604DL

Tot Ion:146 Resp: 4913
Ion Ratio Lower Upper
146 100
111 68.1 18.1 54.4#
148 74.3 32.1 96.5



#91
1,2-Dichlorobenzene
Concen: 3.523 ug/l
RT: 13.65 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VN056114.D
Acq: 7 Jun 2019 21:50

Tgt Ion:146 Resp: 18446
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.5
148 65.3 31.9 95.9

