

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056189.D
 Acq On : 11 Jun 2019 00:34
 Operator : JC/SP
 Sample : K3203-16DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW100-190604DL

Quant Time: Jun 11 05:00:00 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

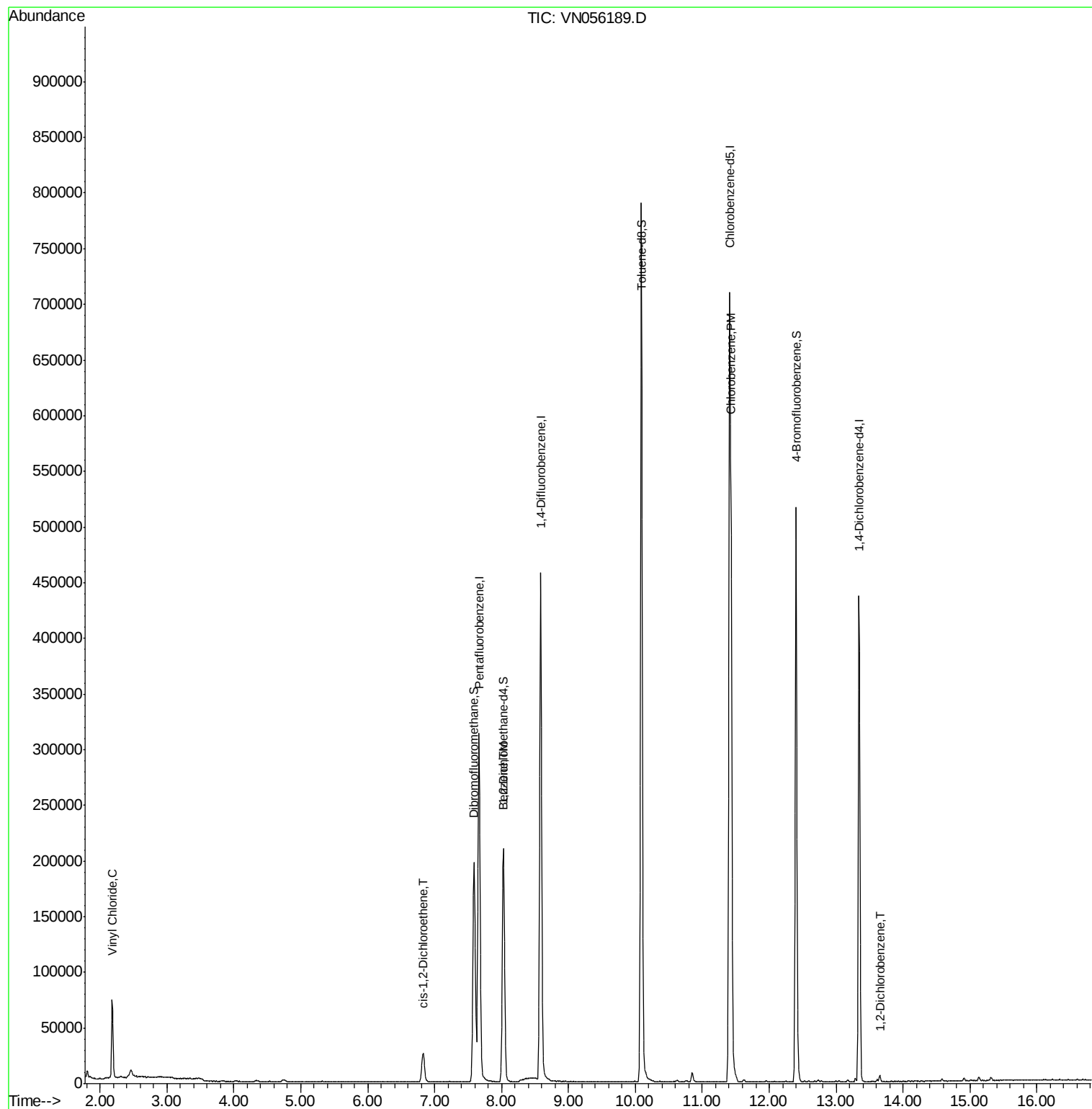
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	300414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	451788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	439639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	162895	54.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.22%	
35) Dibromofluoromethane	7.59	113	151101	54.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.02%	
50) Toluene-d8	10.09	98	589102	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
62) 4-Bromofluorobenzene	12.40	95	186163	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
Target Compounds						
4) Vinyl Chloride	2.18	62	64921	19.874	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	18870	5.941	ug/l	89
40) Benzene	8.04	78	25179	2.134	ug/l	98
65) Chlorobenzene	11.43	112	260081	29.725	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	3118	0.685	ug/l	97

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

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QLast Update : Tue Jun 04 11:02:09 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

Instrument :

MSVOA_N

ClientSampleId :

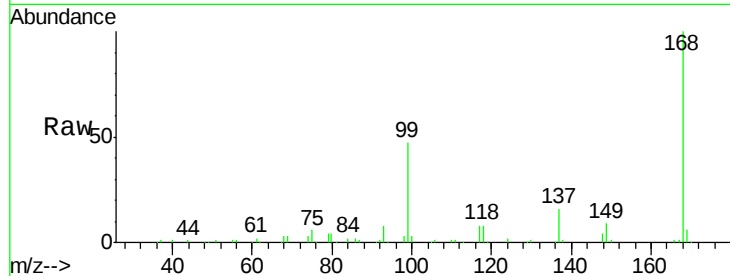
SS043MW100-190604DL

Tot Ion:168 Resp: 300414

Ion Ratio Lower Upper

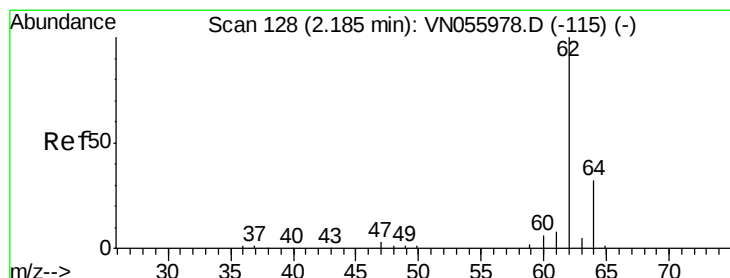
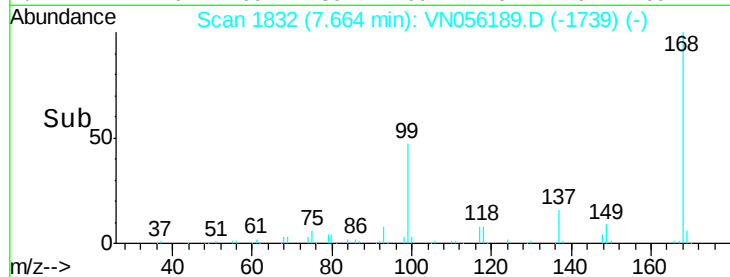
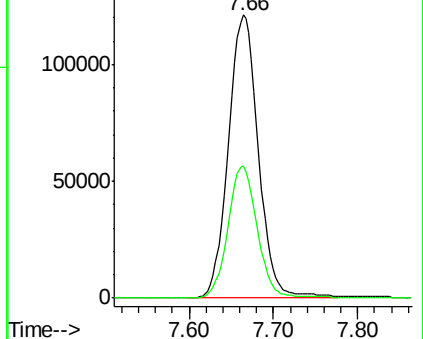
168 100

99 46.6 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#4

Vinyl Chloride

Concen: 19.874 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056189.D

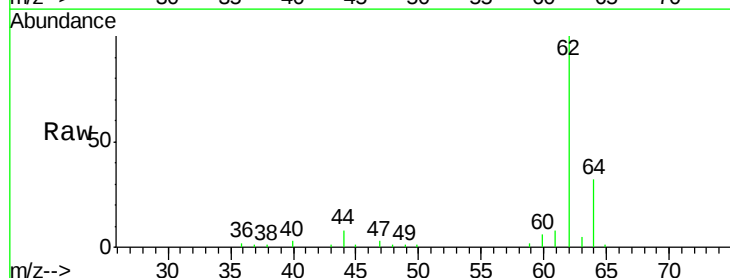
Acq: 11 Jun 2019 00:34

Tgt Ion: 62 Resp: 64921

Ion Ratio Lower Upper

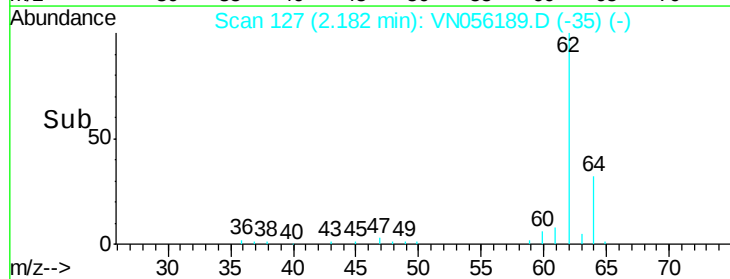
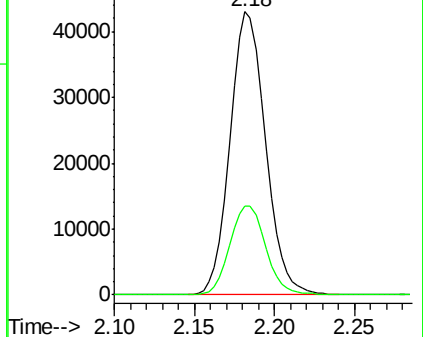
62 100

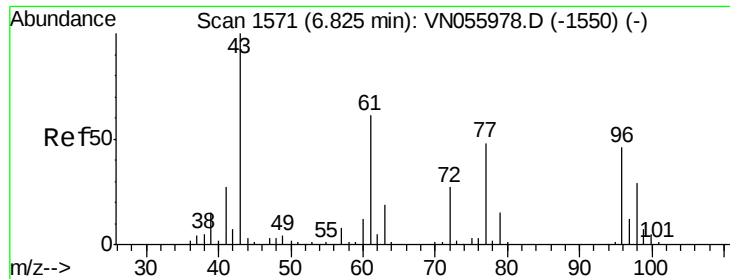
64 31.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#27

cis-1,2-Dichloroethene

Concen: 5.941 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

Instrument :

MSVOA_N

ClientSampleId :

SS043MW100-190604DL

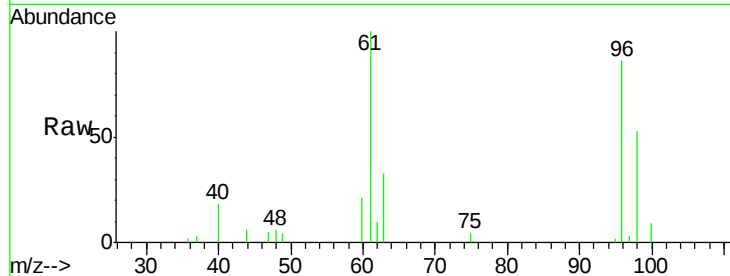
Tot Ion: 96 Resp: 18870

Ion Ratio Lower Upper

96 100

61 118.1 0.0 275.8

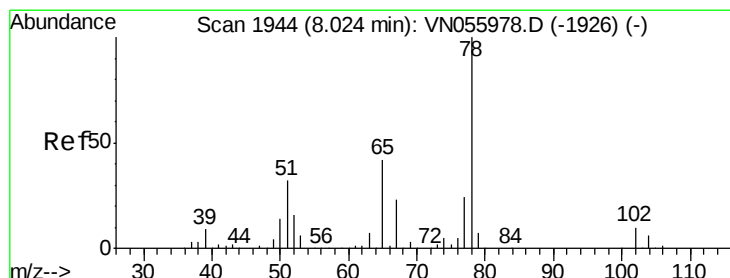
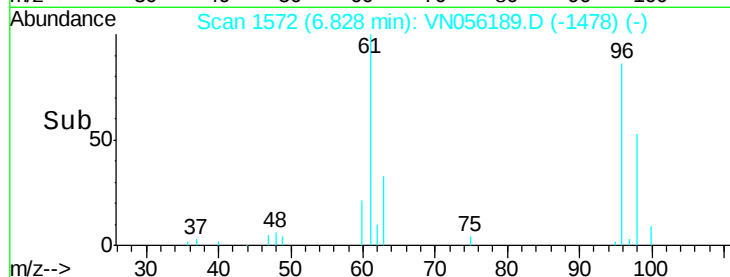
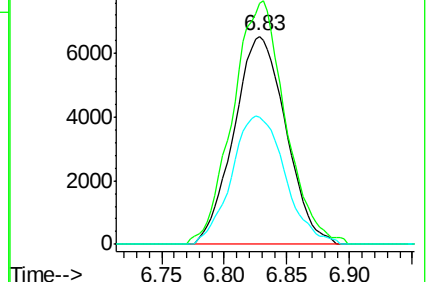
98 63.5 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 54.610 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056189.D

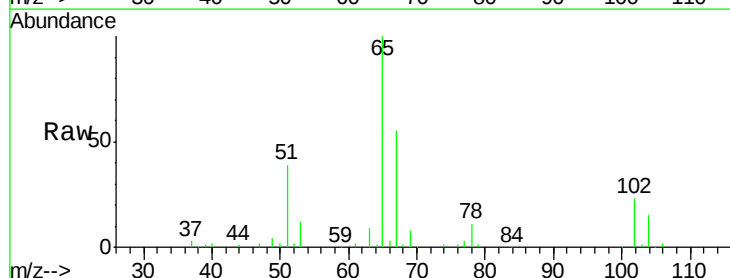
Acq: 11 Jun 2019 00:34

Tgt Ion: 65 Resp: 162895

Ion Ratio Lower Upper

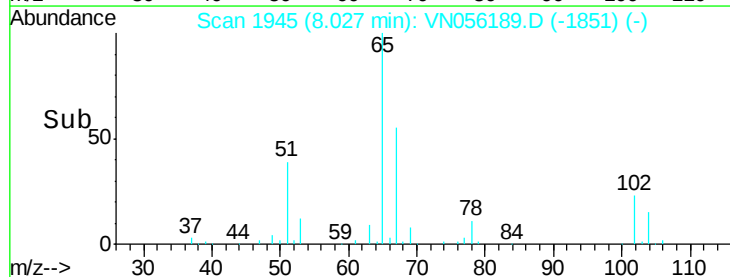
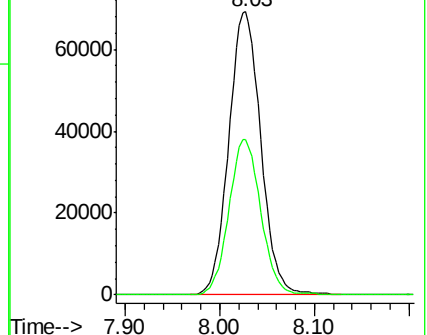
65 100

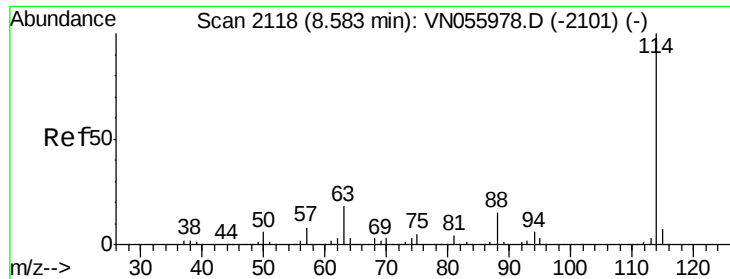
67 54.7 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

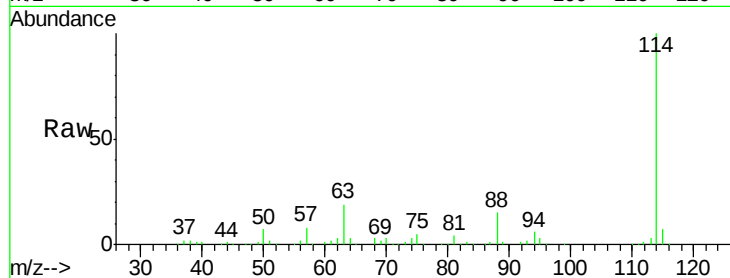




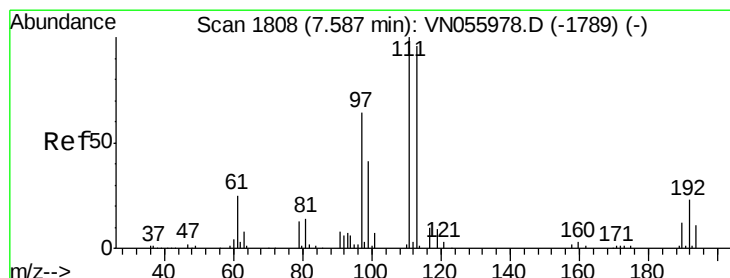
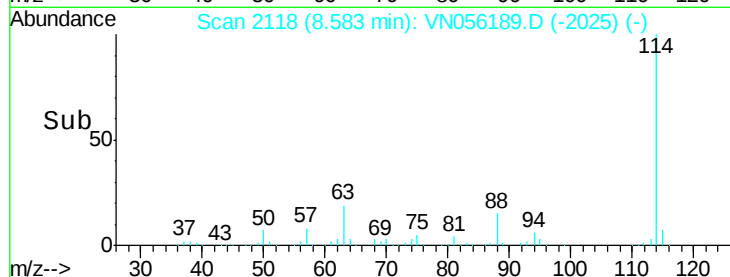
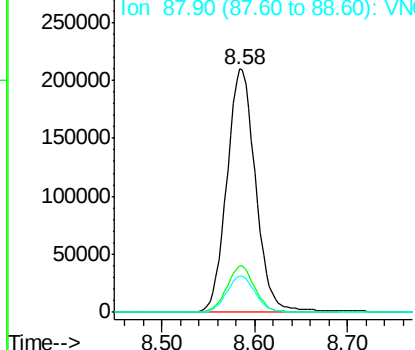
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056189.D
 Acq: 11 Jun 2019 00:34

Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW100-190604DL

Tot Ion:114 Resp: 451788
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 15.0 0.0 31.0

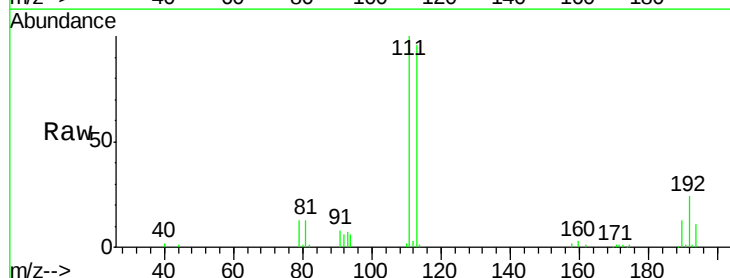


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

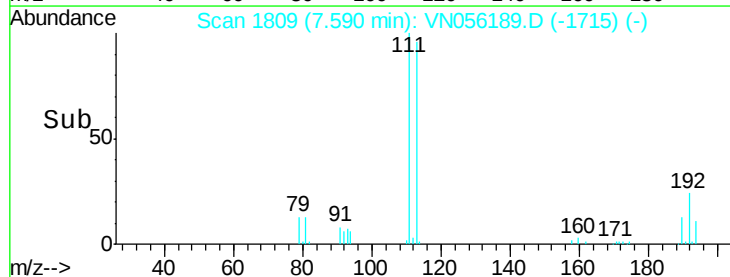
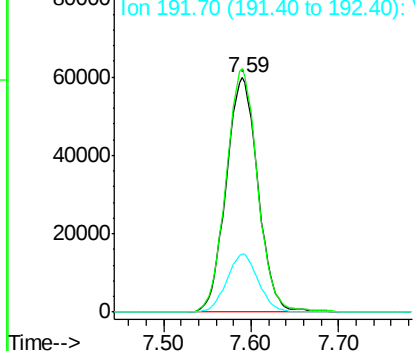


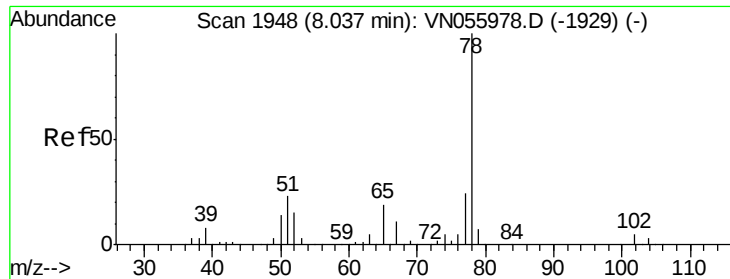
#35
 Dibromofluoromethane
 Concen: 54.512 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056189.D
 Acq: 11 Jun 2019 00:34

Tgt Ion:113 Resp: 151101
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 24.2 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: 2.134 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

Instrument :

MSVOA_N

ClientSampleId :

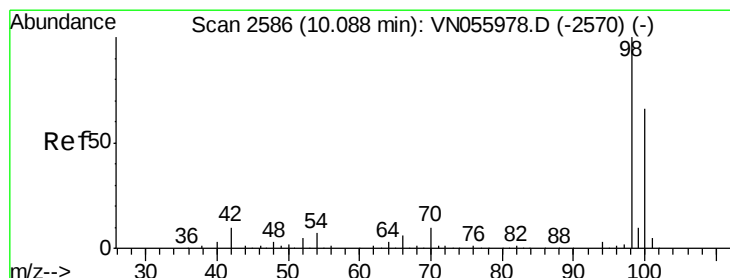
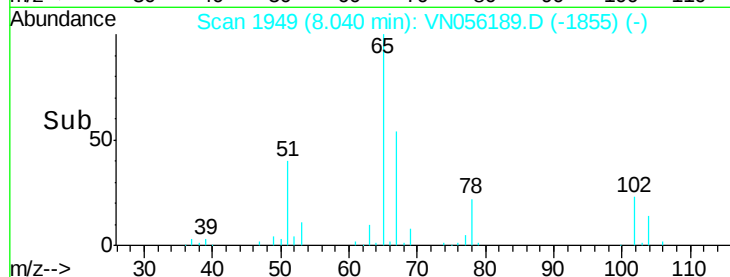
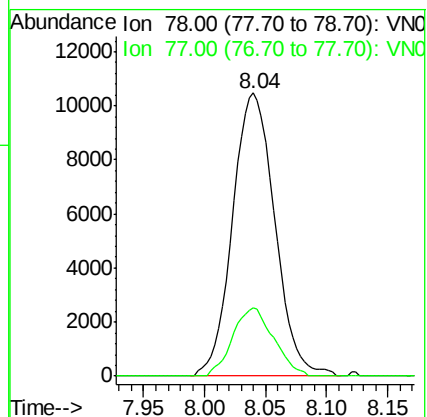
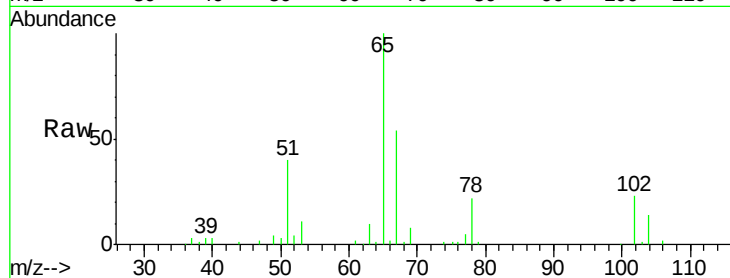
SS043MW100-190604DL

Tot Ion: 78 Resp: 25179

Ion Ratio Lower Upper

78 100

77 24.4 18.8 28.2



#50

Toluene-d8

Concen: 55.231 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056189.D

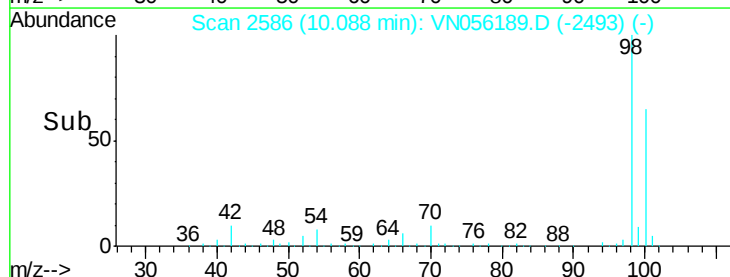
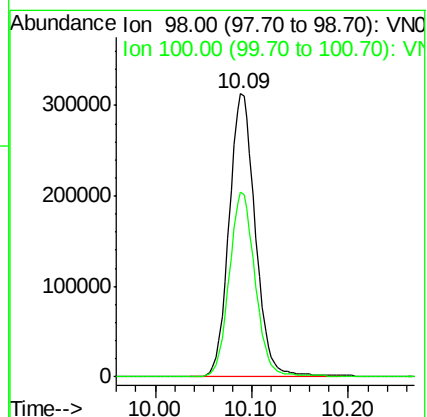
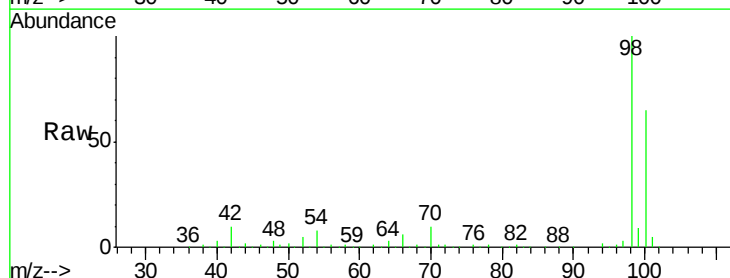
Acq: 11 Jun 2019 00:34

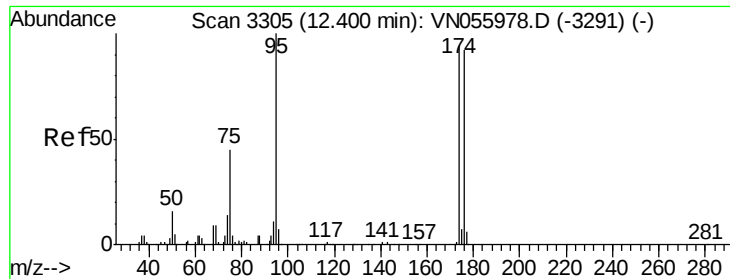
Tgt Ion: 98 Resp: 589102

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 51.323 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

Instrument :

MSVOA_N

ClientSampleId :

SS043MW100-190604DL

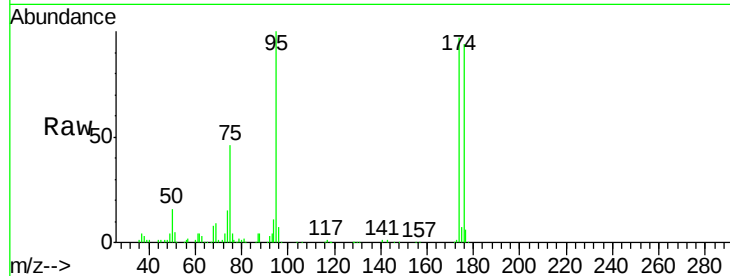
Tot Ion: 95 Resp: 186163

Ion Ratio Lower Upper

95 100

174 96.5 0.0 191.0

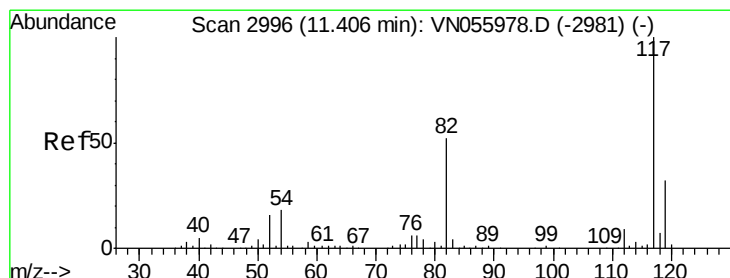
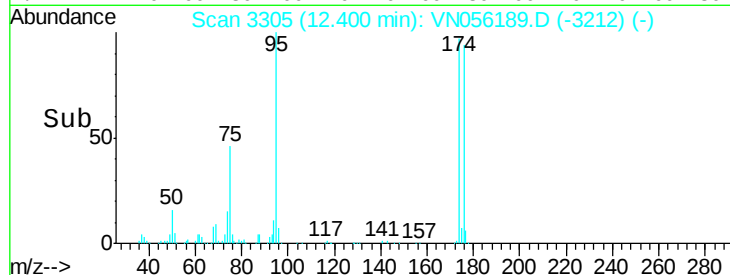
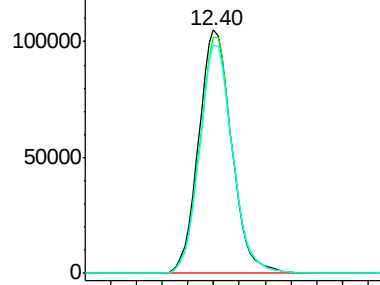
176 93.7 0.0 185.2



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: VN056189.D

Acq: 11 Jun 2019 00:34

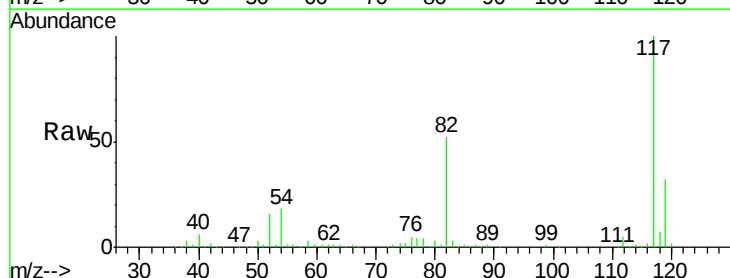
Tgt Ion: 117 Resp: 439639

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

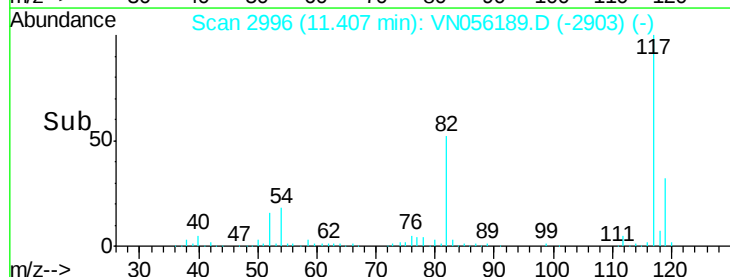
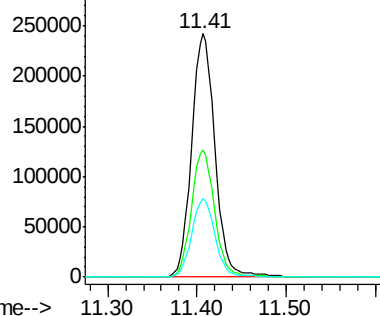
119 32.0 25.4 38.0

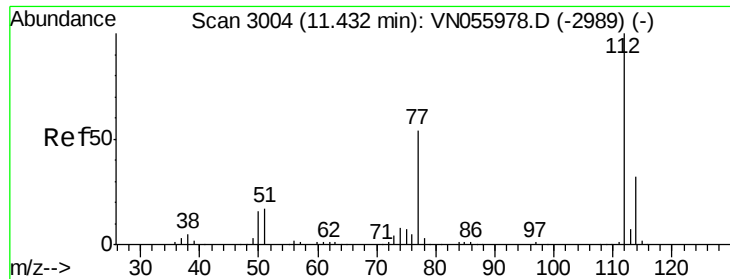


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

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

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

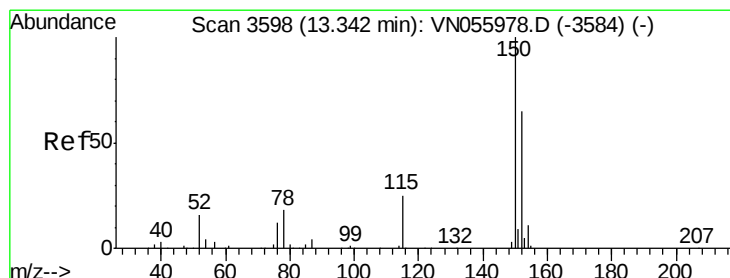
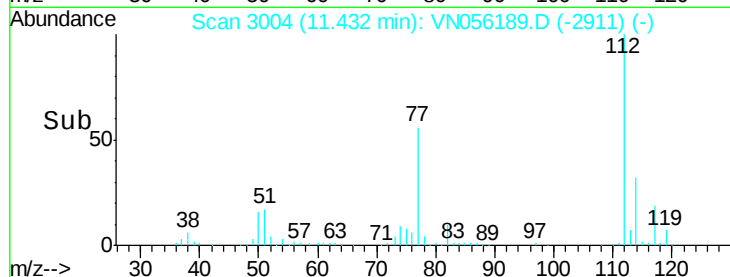
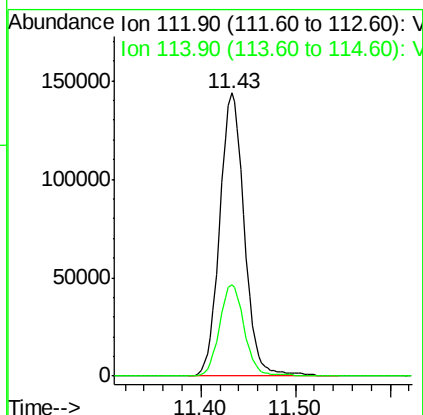
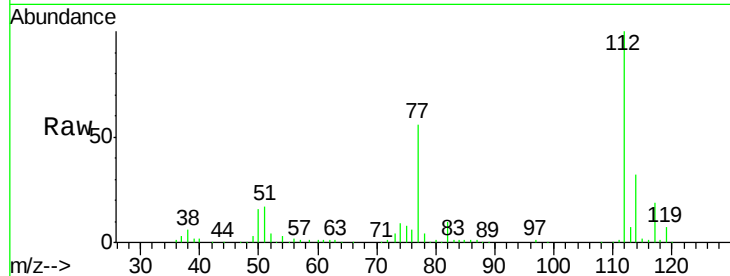




#65
Chlorobenzene
Concen: 29.725 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056189.D
Acq: 11 Jun 2019 00:34

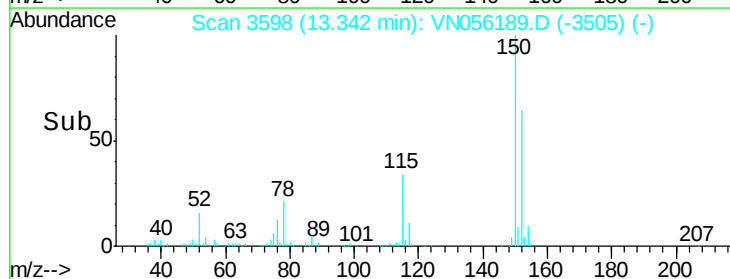
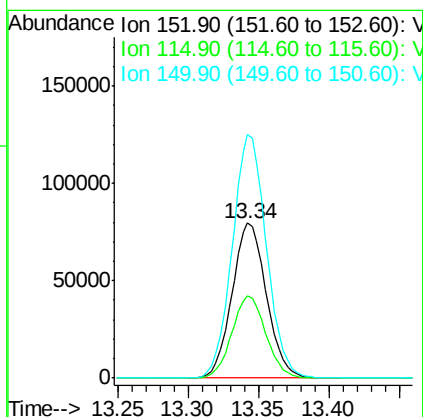
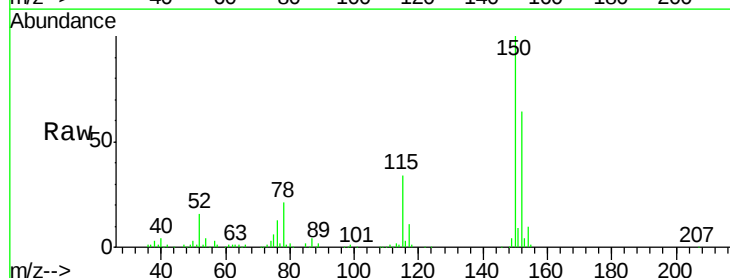
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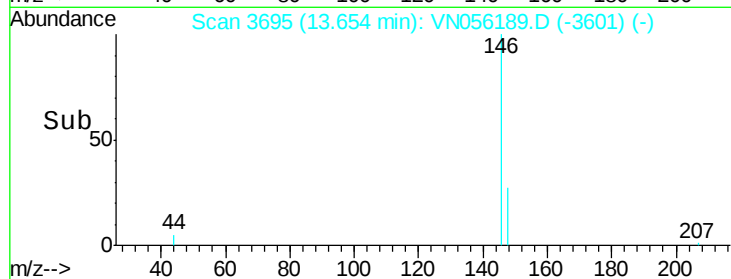
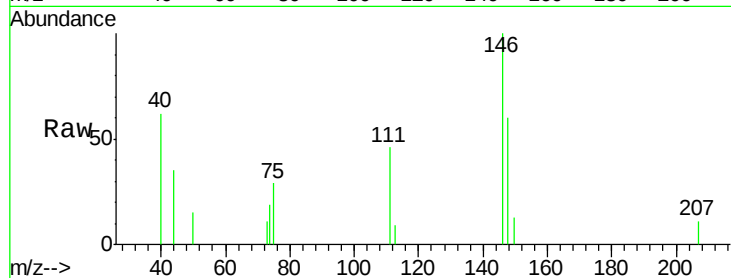
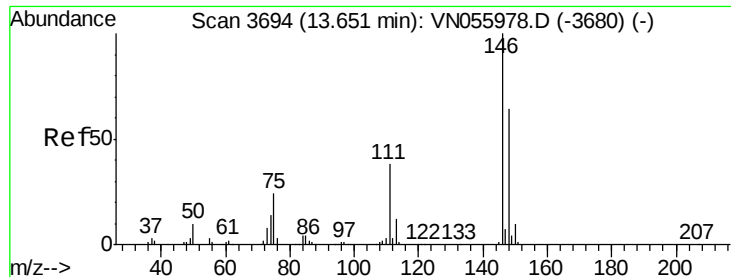
Tot Ion:112 Resp: 260081
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056189.D
Acq: 11 Jun 2019 00:34

Tgt Ion:152 Resp: 135978
Ion Ratio Lower Upper
152 100
115 52.6 27.0 81.0
150 155.6 0.0 343.2





#91

1,2-Dichlorobenzene

Concen: 0.685 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056189.D

Acq: 11 Jun 2019 00:34

Instrument :

MSVOA_N

ClientSampleId :

SS043MW100-190604DL

Tot Ion:146 Resp: 3118

Ion Ratio Lower Upper

146 100

111 42.1 19.1 57.5

148 64.4 31.9 95.9

