

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056073.D
 Acq On : 7 Jun 2019 3:29
 Operator : JC/SP
 Sample : K3203-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW100-190604

Quant Time: Jun 07 07:11:58 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

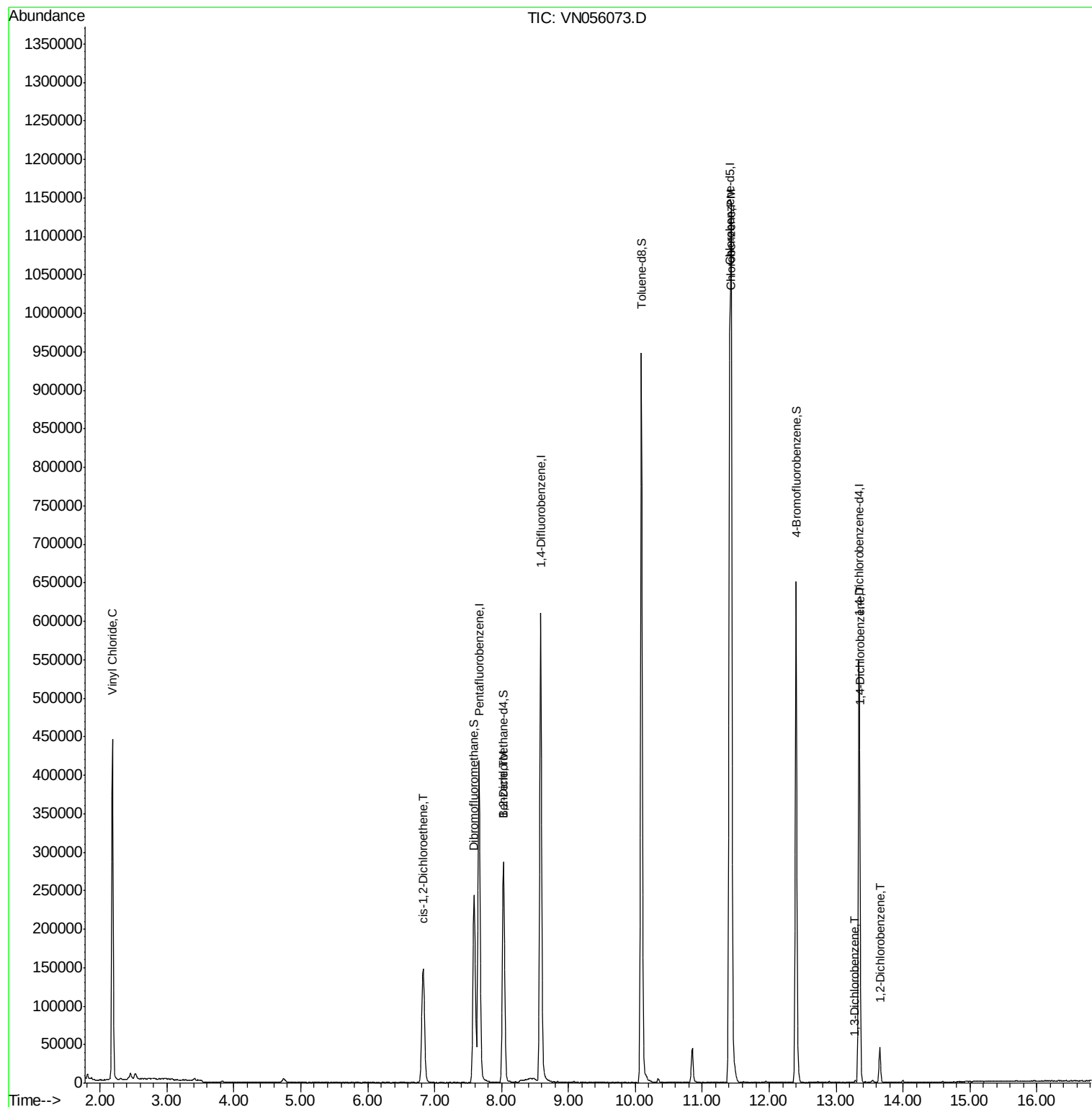
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	397759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	600036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	551985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	172595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	212135	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
35) Dibromofluoromethane	7.59	113	187182	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
50) Toluene-d8	10.09	98	720874	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.40	95	229203	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
Target Compounds						
4) Vinyl Chloride	2.18	62	406148	93.906	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	104563	24.863	ug/l	90
40) Benzene	8.04	78	48997	3.127	ug/l	98
65) Chlorobenzene	11.43	112	638231	58.097	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1590	0.278	ug/l	93
88) 1,4-Dichlorobenzene	13.36	146	11311	2.056	ug/l	85
91) 1,2-Dichlorobenzene	13.65	146	22890	3.964	ug/l	99

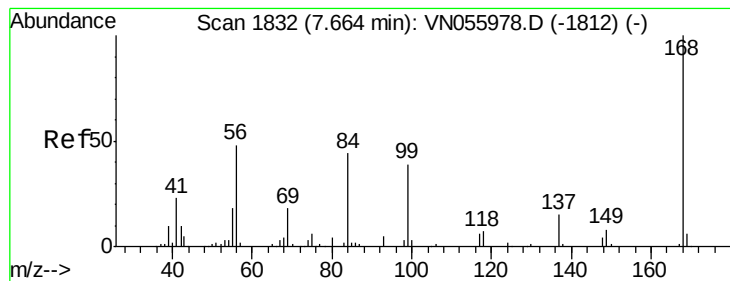
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056073.D

Acq: 7 Jun 2019 3:29

Instrument :

MSVOA_N

ClientSampleId :

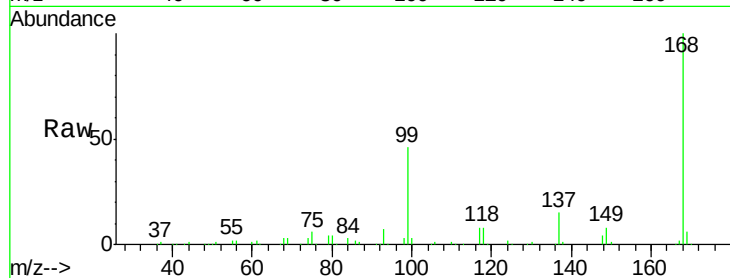
SS043MW100-190604

Tot Ion:168 Resp: 397759

Ion Ratio Lower Upper

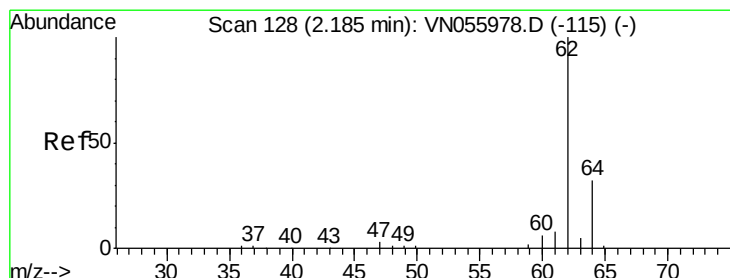
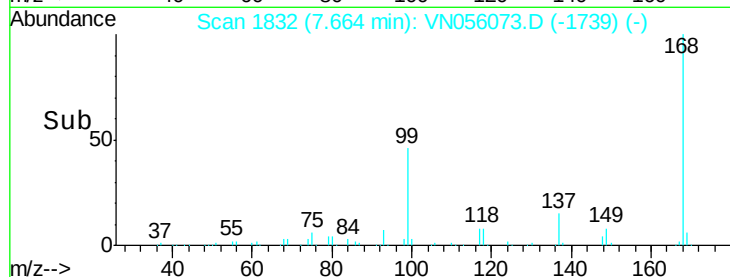
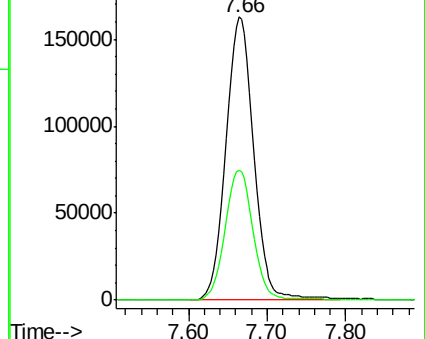
168 100

99 46.0 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: 93.906 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056073.D

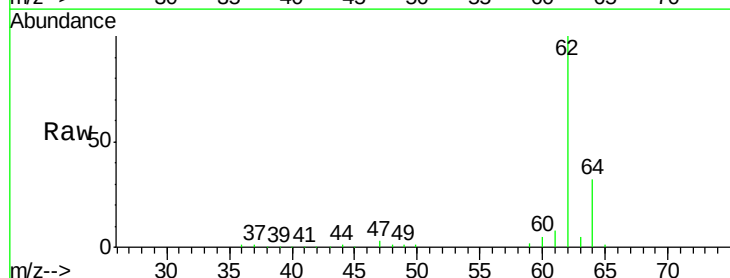
Acq: 7 Jun 2019 3:29

Tgt Ion: 62 Resp: 406148

Ion Ratio Lower Upper

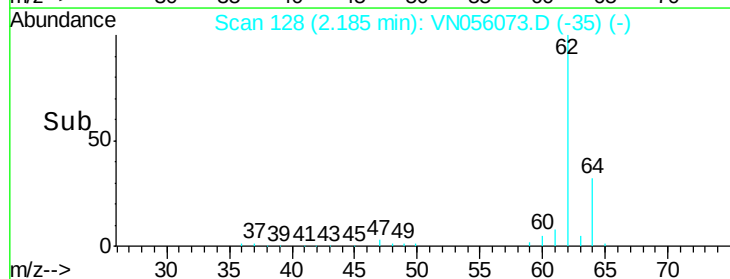
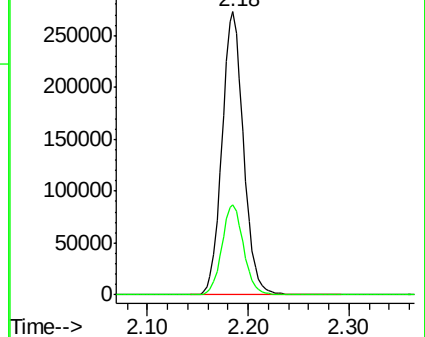
62 100

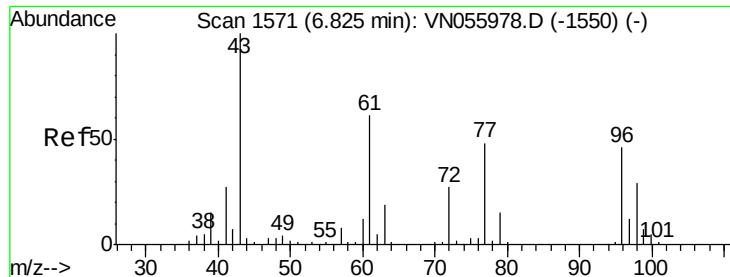
64 32.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

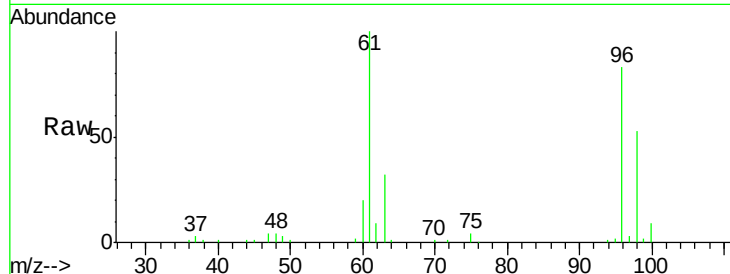




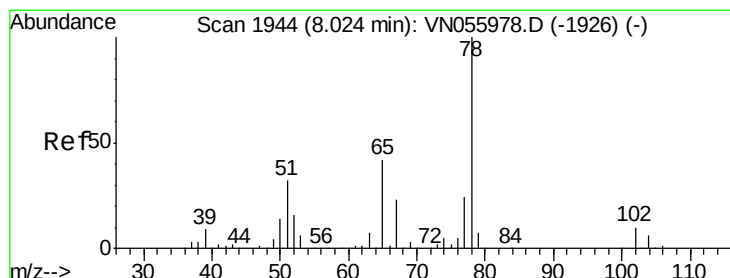
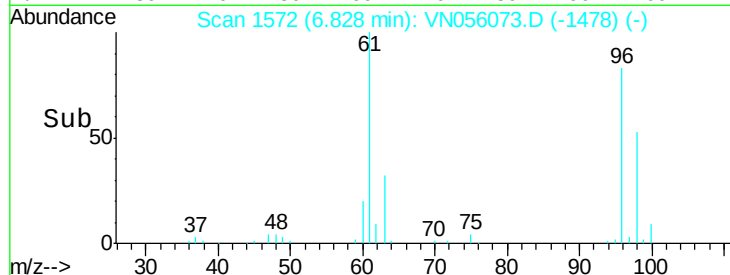
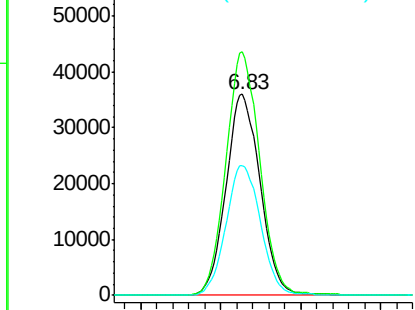
#27
 cis-1,2-Dichloroethene
 Concen: 24.863 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN056073.D
 Acq: 7 Jun 2019 3:29

Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW100-190604

Tot Ion	96	Resp	104563
Ion	Ratio	Lower	Upper
96	100		
61	120.1	0.0	275.8
98	65.0	0.0	128.4

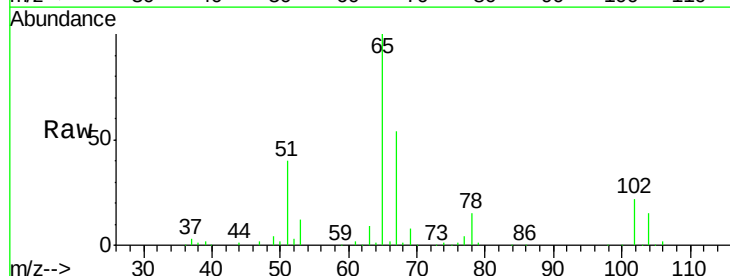


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

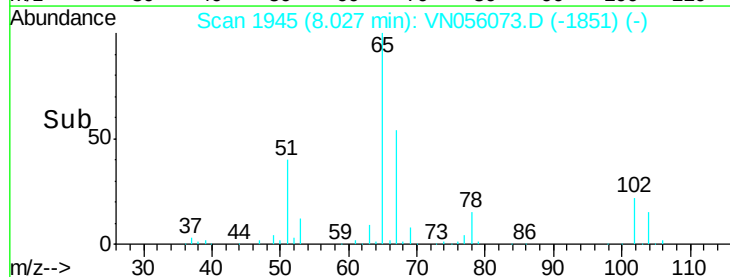
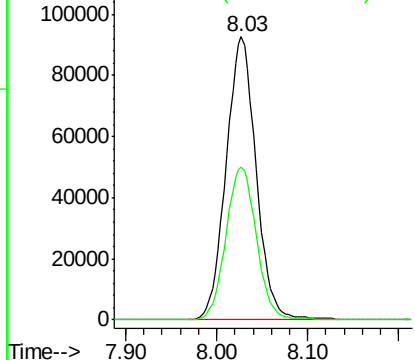


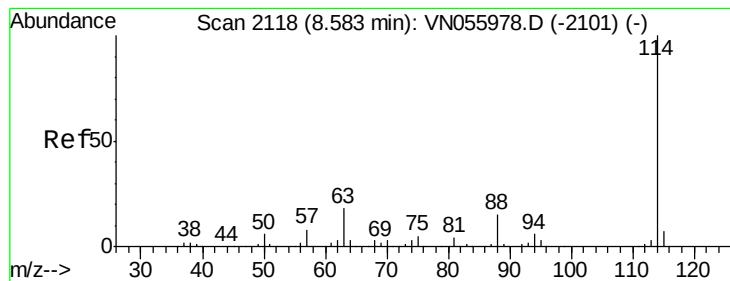
#33
 1,2-Dichloroethane-d4
 Concen: 53.713 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056073.D
 Acq: 7 Jun 2019 3:29

Tgt Ion	65	Resp	212135
Ion	Ratio	Lower	Upper
65	100		
67	54.9	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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056073.D

Acq: 7 Jun 2019 3:29

Instrument :

MSVOA_N

ClientSampleId :

SS043MW100-190604

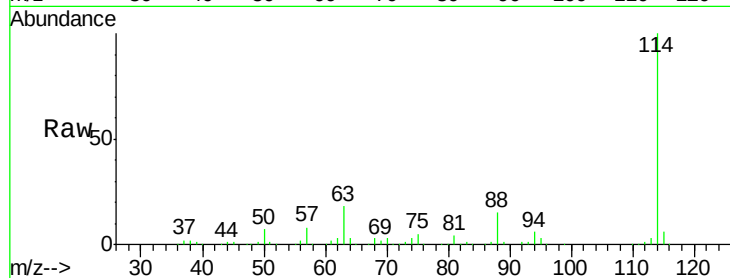
Tot Ion:114 Resp: 600036

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.2

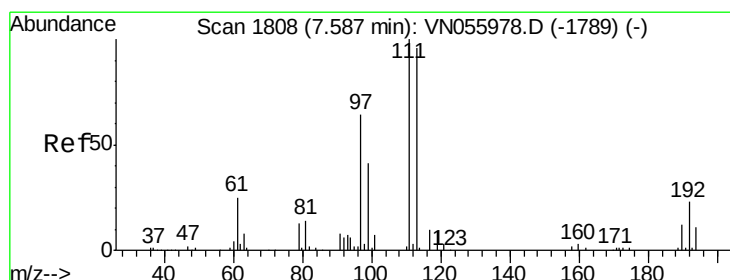
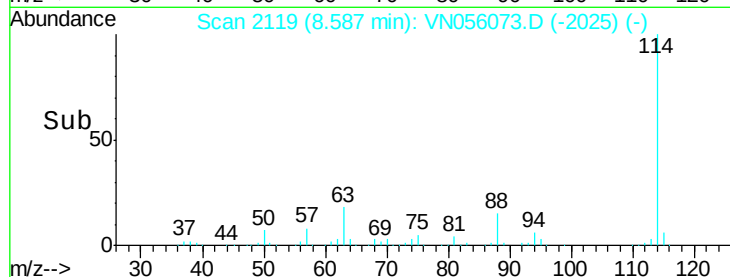
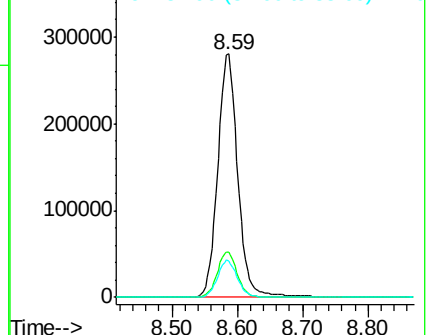
88 15.1 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.845 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056073.D

Acq: 7 Jun 2019 3:29

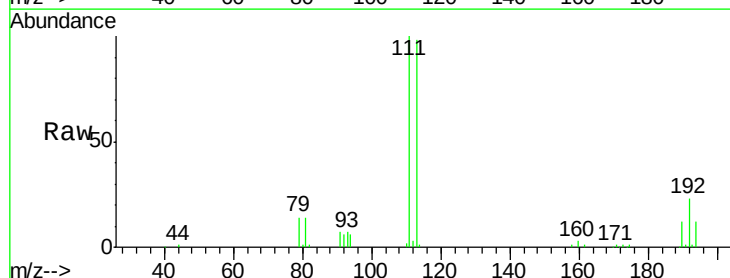
Tgt Ion:113 Resp: 187182

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

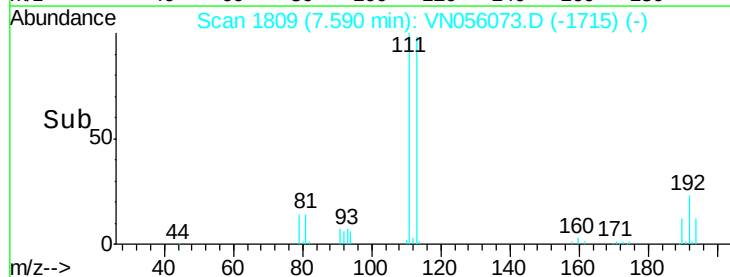
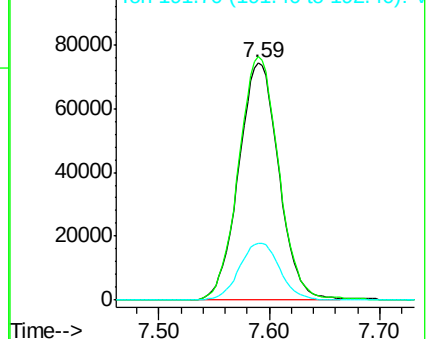
192 24.3 19.5 29.3

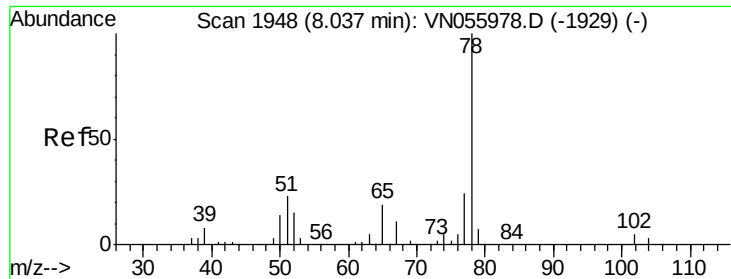


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 3.127 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN056073.D

Acq: 7 Jun 2019 3:29

Instrument :

MSVOA_N

ClientSampleId :

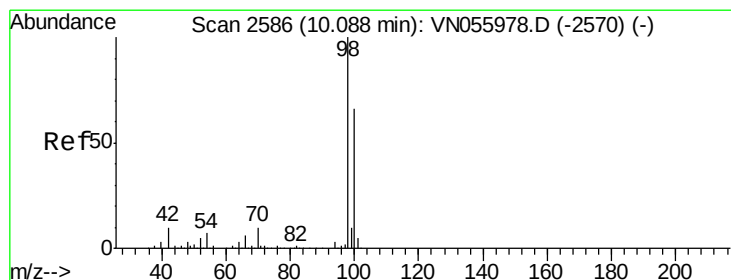
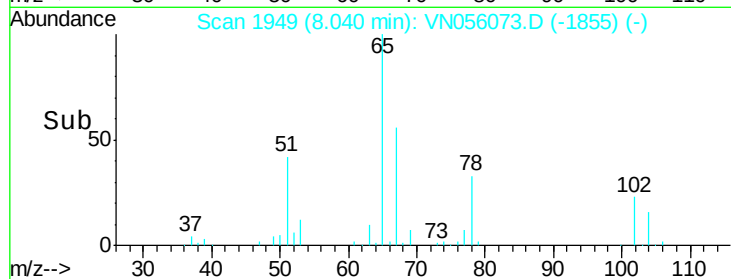
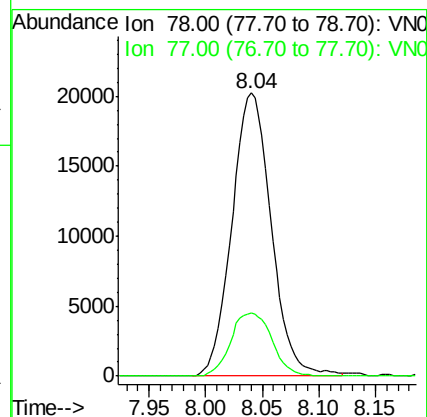
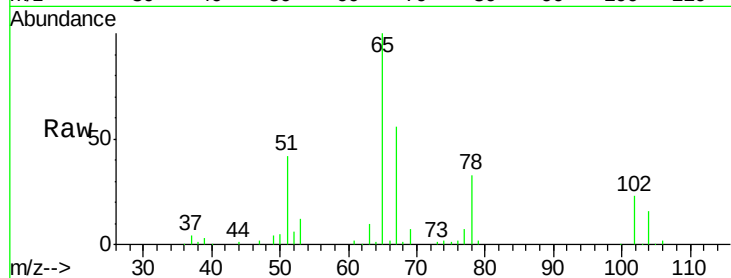
SS043MW100-190604

Tot Ion: 78 Resp: 48997

Ion Ratio Lower Upper

78 100

77 22.4 18.8 28.2



#50

Toluene-d8

Concen: 50.887 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056073.D

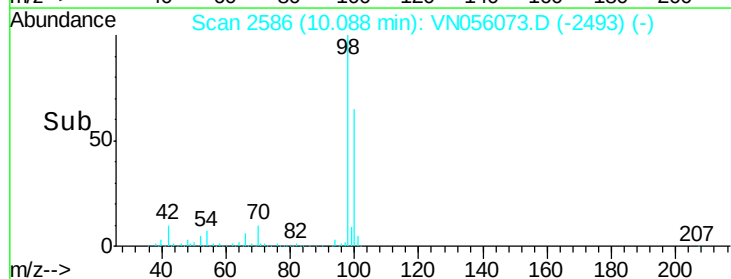
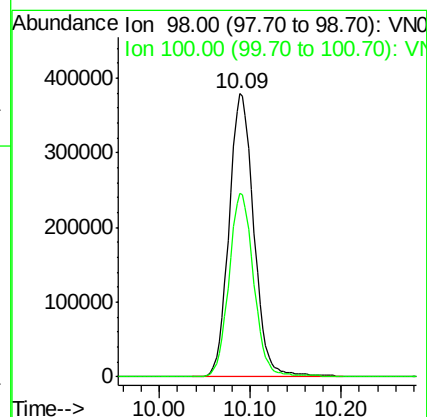
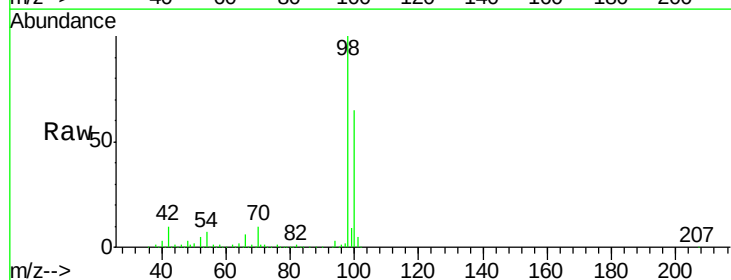
Acq: 7 Jun 2019 3:29

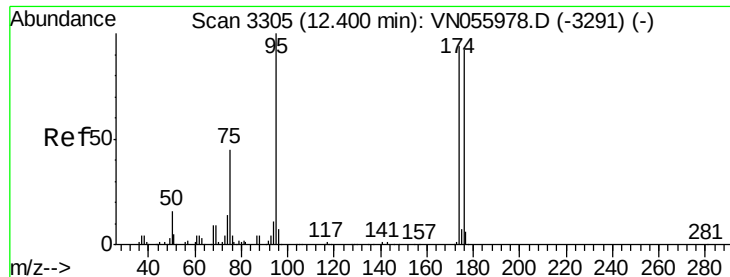
Tgt Ion: 98 Resp: 720874

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 47.577 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056073.D

Acq: 7 Jun 2019 3:29

Instrument :

MSVOA_N

ClientSampleId :

SS043MW100-190604

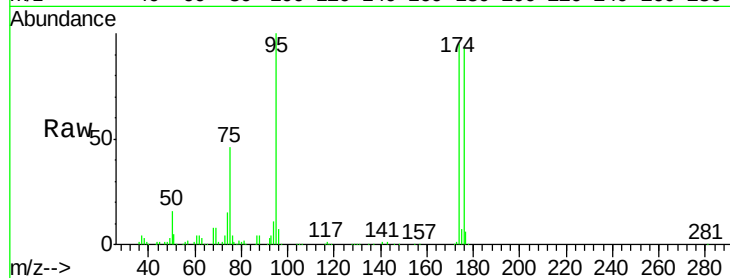
Tot Ion: 95 Resp: 229203

Ion Ratio Lower Upper

95 100

174 96.5 0.0 191.0

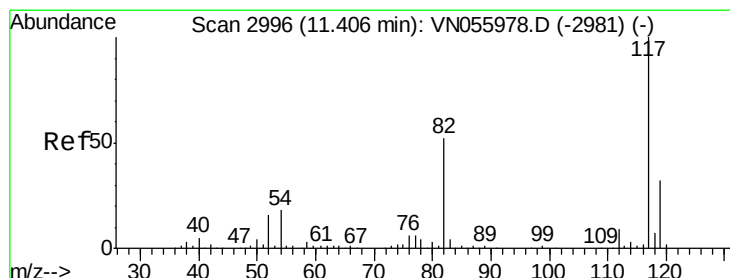
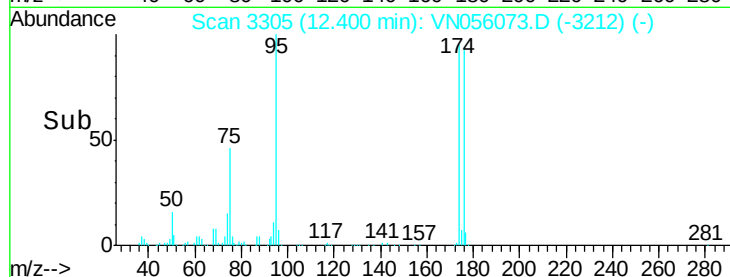
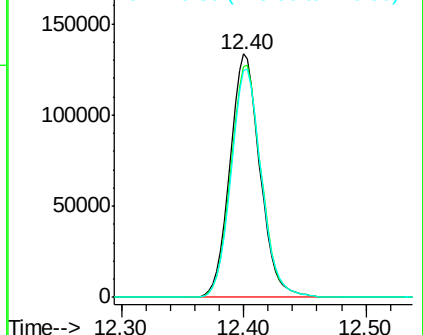
176 94.5 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056073.D

Acq: 7 Jun 2019 3:29

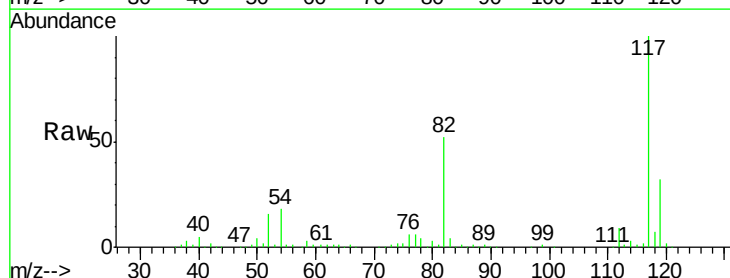
Tgt Ion: 117 Resp: 551985

Ion Ratio Lower Upper

117 100

82 51.8 41.8 62.8

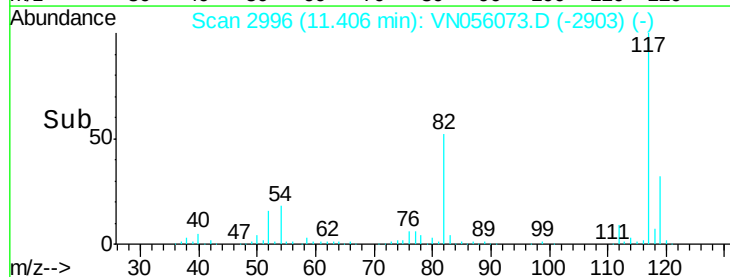
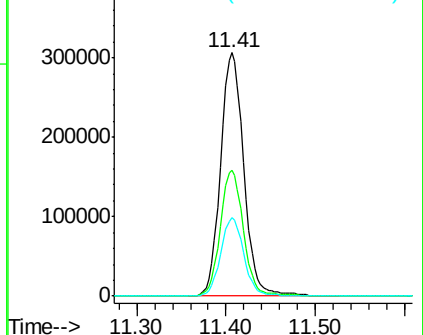
119 32.0 25.4 38.0

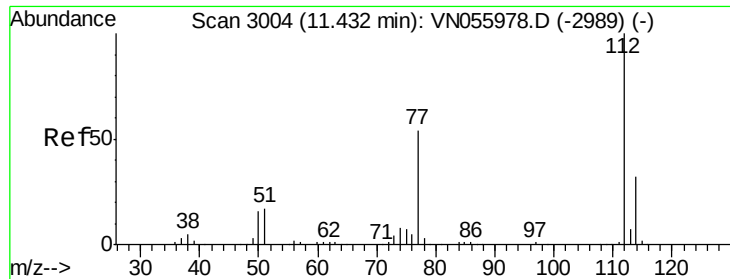


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

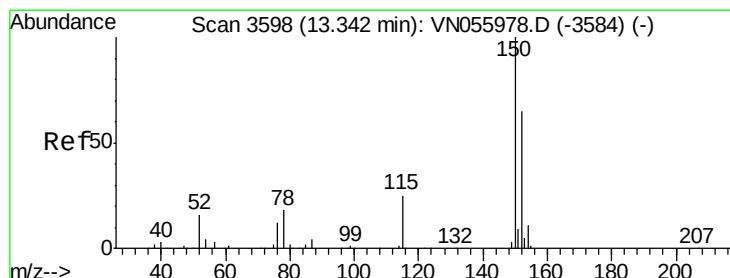
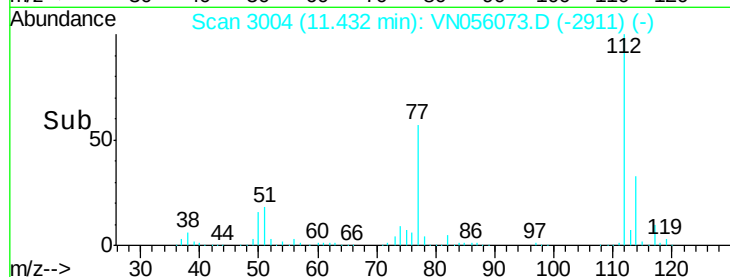
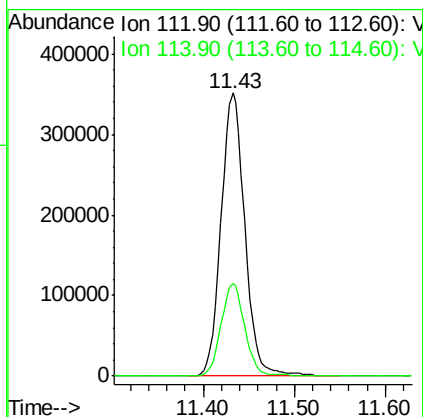
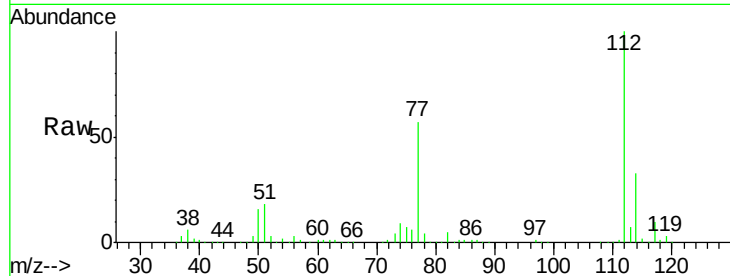




#65
Chlorobenzene
Concen: 58.097 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056073.D
Acq: 7 Jun 2019 3:29

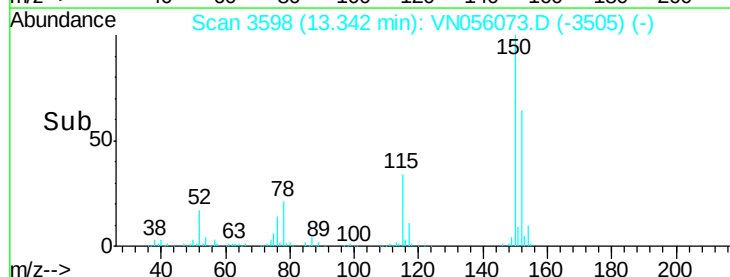
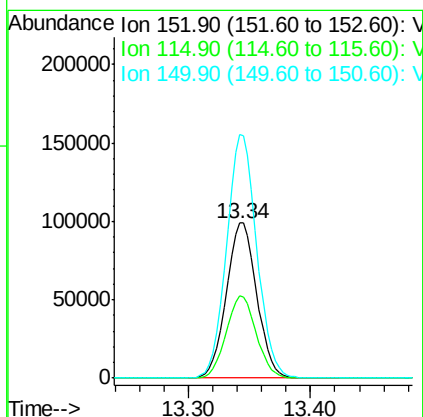
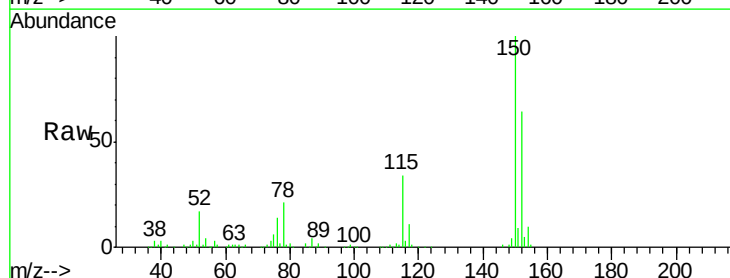
Instrument :
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SS043MW100-190604

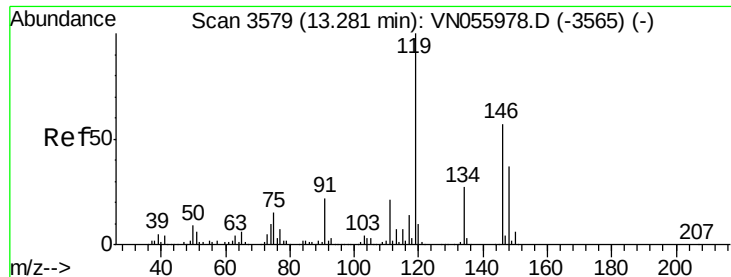
Tot Ion:112 Resp: 638231
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056073.D
Acq: 7 Jun 2019 3:29

Tgt Ion:152 Resp: 172595
Ion Ratio Lower Upper
152 100
115 52.6 27.0 81.0
150 155.5 0.0 343.2

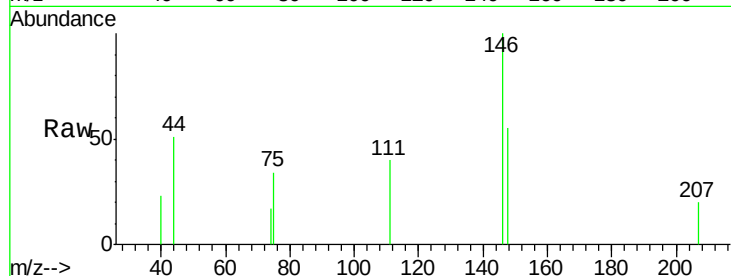




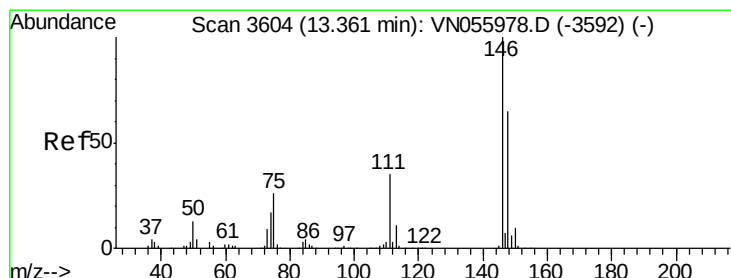
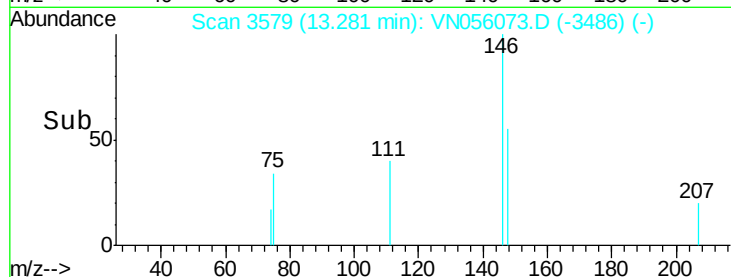
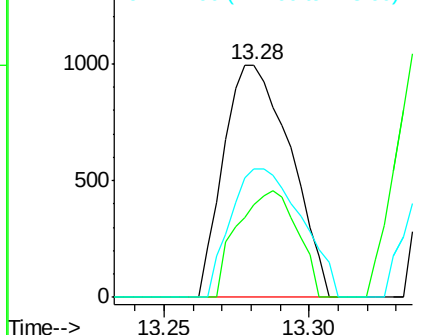
#87
 1,3-Dichlorobenzene
 Concen: 0.278 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056073.D
 Acq: 7 Jun 2019 3:29

Instrument :
 MSVOA_N
 ClientSampleId :
 SS043MW100-190604

Tot Ion:146 Resp: 1590
 Ion Ratio Lower Upper
 146 100
 111 41.1 18.5 55.5
 148 58.8 32.0 96.2

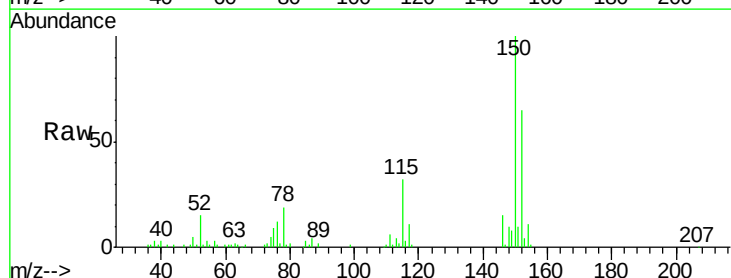


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

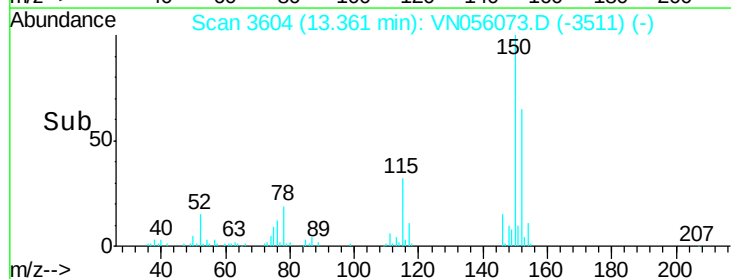
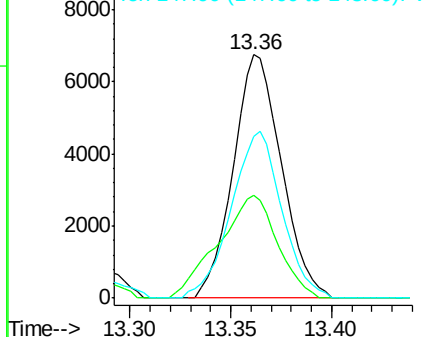


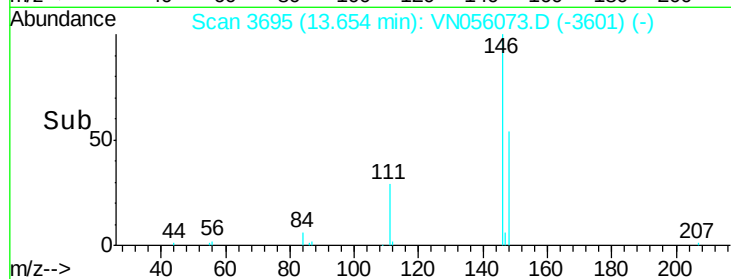
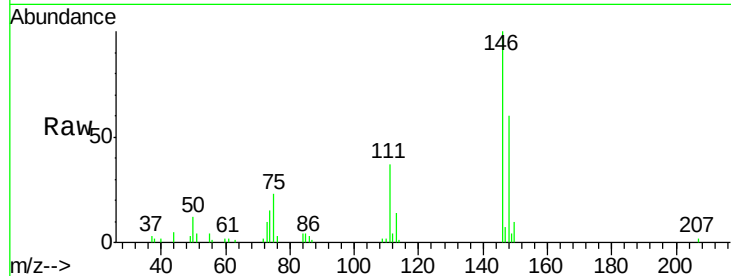
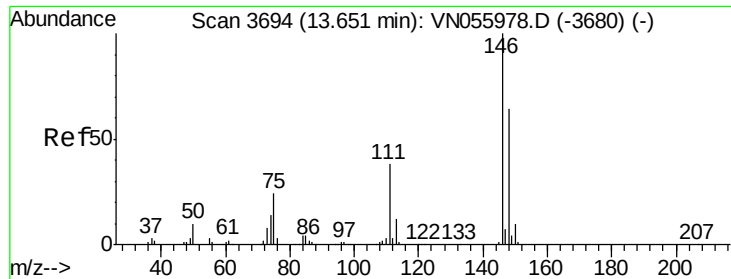
#88
 1,4-Dichlorobenzene
 Concen: 2.056 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056073.D
 Acq: 7 Jun 2019 3:29

Tgt Ion:146 Resp: 11311
 Ion Ratio Lower Upper
 146 100
 111 51.5 18.1 54.4
 148 71.6 32.1 96.5



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





#91

1,2-Dichlorobenzene

Concen: 3.964 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056073.D

Acq: 7 Jun 2019 3:29

Instrument :

MSVOA_N

ClientSampleId :

SS043MW100-190604

Tot Ion:146 Resp: 22890

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.5

148 63.1 31.9 95.9

