

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061086.D
 Acq On : 18 Apr 2020 5:23
 Operator : JC/MD
 Sample : L2334-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ST008MW336-200415

Quant Time: Apr 20 07:18:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

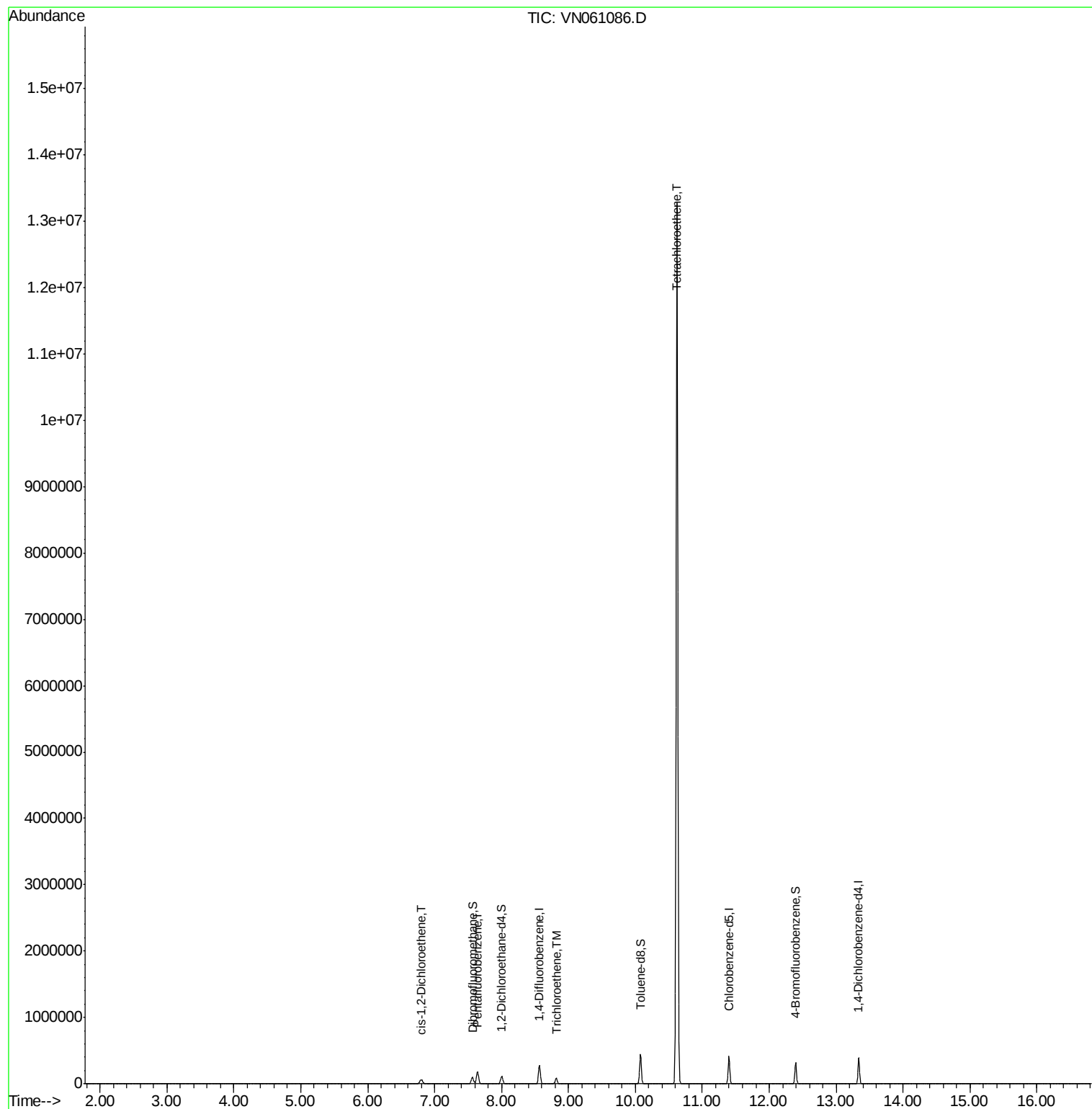
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	141233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	239485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	232726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	97169	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
35) Dibromofluoromethane	7.56	113	72885	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
50) Toluene-d8	10.08	98	300896	56.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.88%	
62) 4-Bromofluorobenzene	12.39	95	112751	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.86%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.80	96	40051	21.104	ug/l	88
44) Trichloroethene	8.82	130	30418	16.512	ug/l	98
64) Tetrachloroethene	10.62	164	2882981	1618.881	ug/l	93

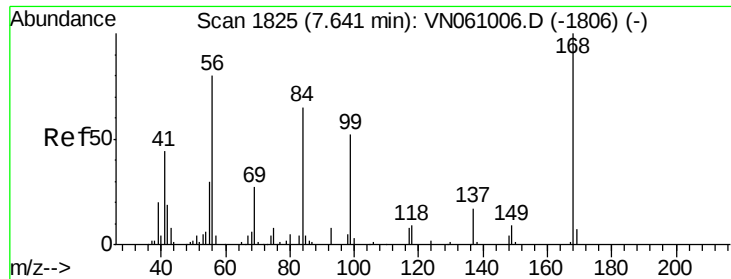
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061086.D

Acq: 18 Apr 2020 5:23

Instrument :

MSVOA_N

ClientSampleId :

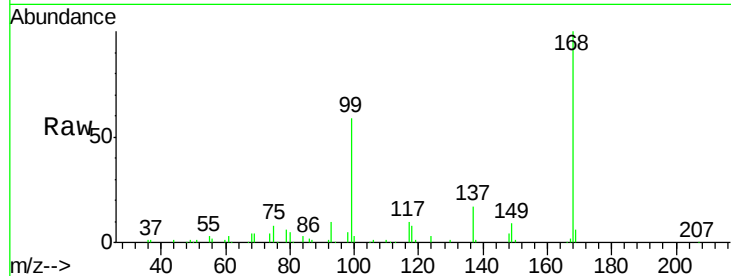
ST008MW336-200415

Tot Ion:168 Resp: 141233

Ion Ratio Lower Upper

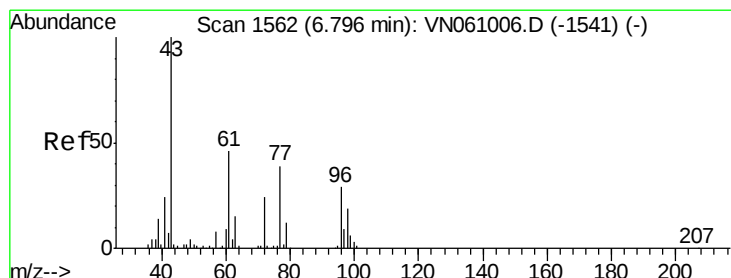
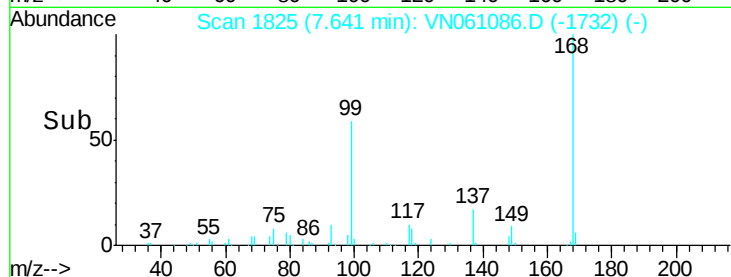
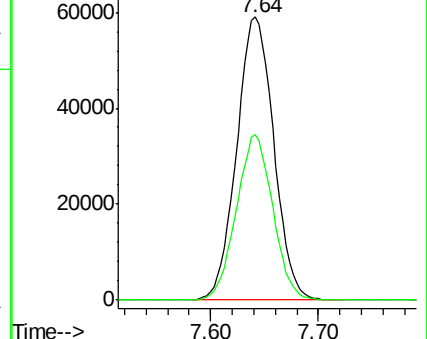
168 100

99 58.5 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#27

cis-1,2-Dichloroethene

Concen: 21.104 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN061086.D

Acq: 18 Apr 2020 5:23

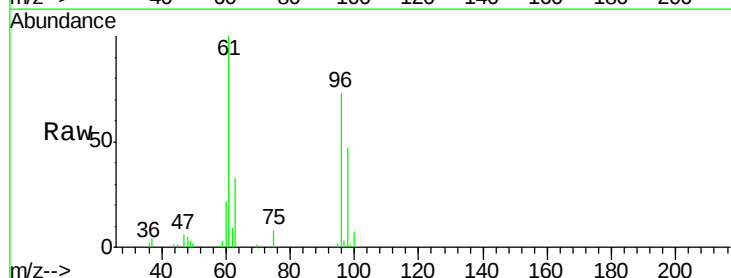
Tgt Ion: 96 Resp: 40051

Ion Ratio Lower Upper

96 100

61 137.6 0.0 317.4

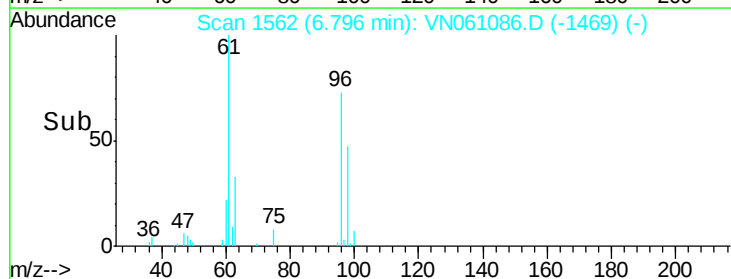
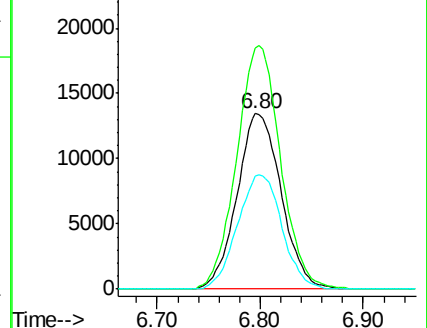
98 65.3 0.0 127.8

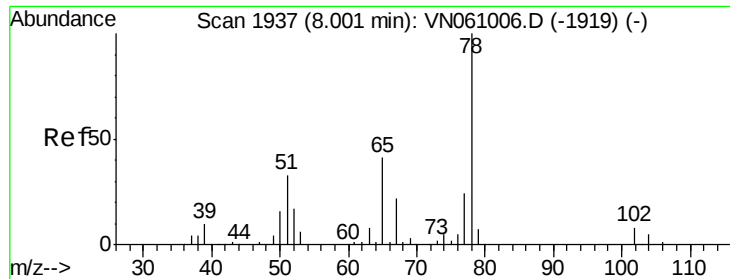


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 53.774 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061086.D

Acq: 18 Apr 2020 5:23

Instrument :

MSVOA_N

ClientSampleId :

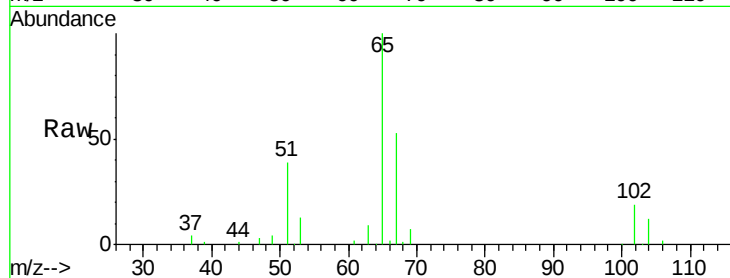
ST008MW336-200415

Tot Ion: 65 Resp: 97169

Ion Ratio Lower Upper

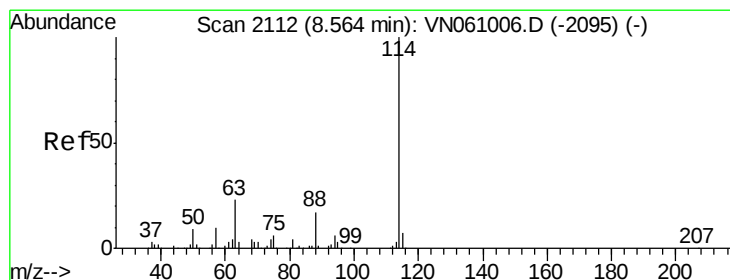
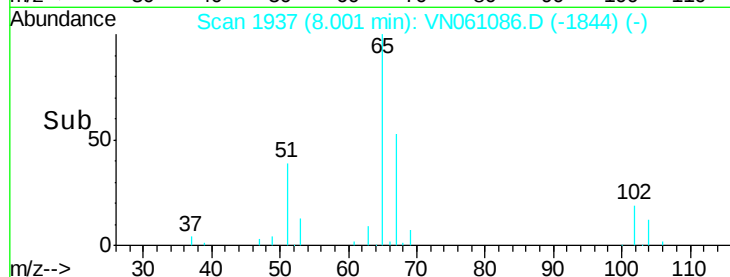
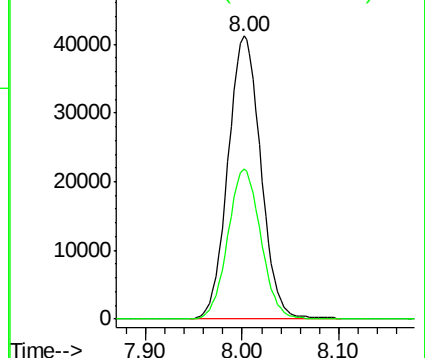
65 100

67 53.1 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN061086.D (-1844) (-)

Ion 66.90 (66.60 to 67.60): VN061086.D (-1844) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061086.D

Acq: 18 Apr 2020 5:23

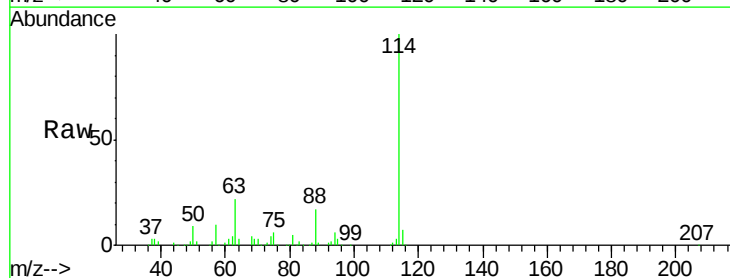
Tgt Ion: 114 Resp: 239485

Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.2

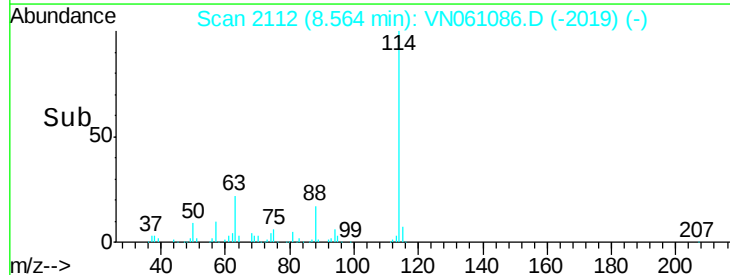
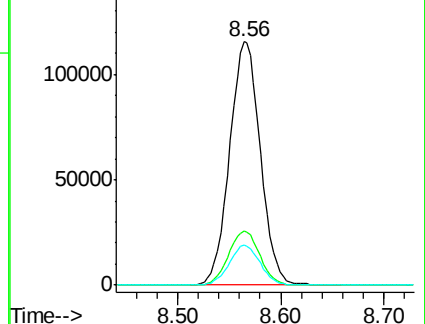
88 16.5 0.0 33.4

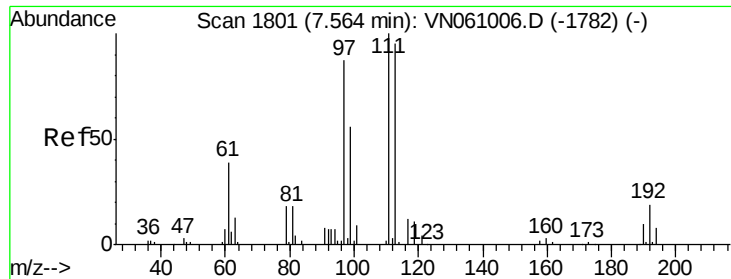


Abundance Ion 113.90 (113.60 to 114.60): VN061086.D (-2019) (-)

Ion 63.00 (62.70 to 63.70): VN061086.D (-2019) (-)

Ion 87.90 (87.60 to 88.60): VN061086.D (-2019) (-)

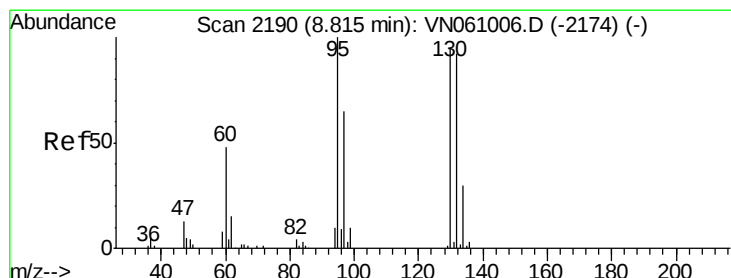
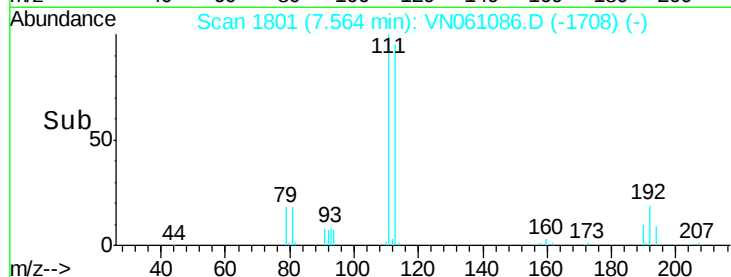
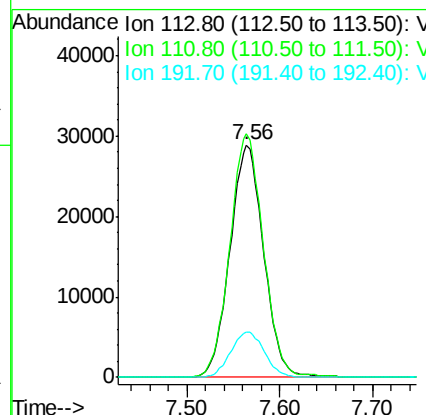
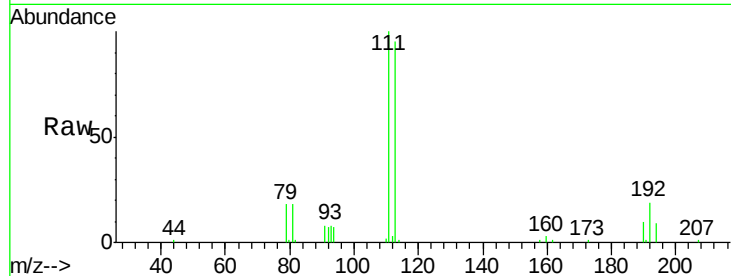




#35
 Dibromofluoromethane
 Concen: 52.114 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061086.D
 Acq: 18 Apr 2020 5:23

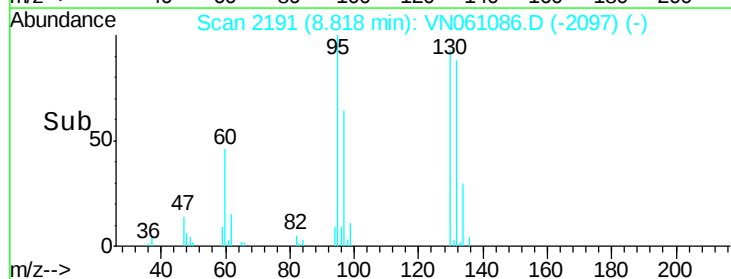
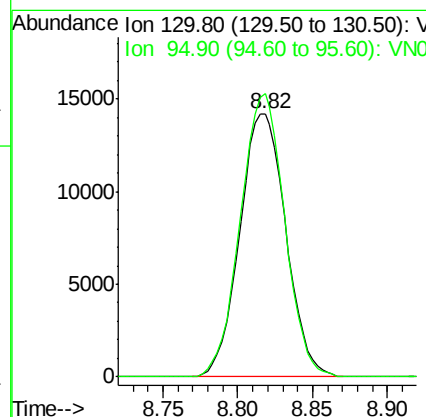
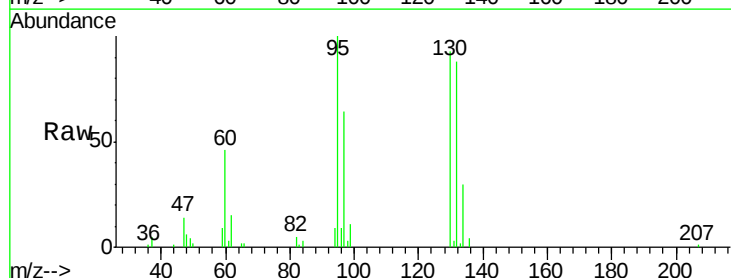
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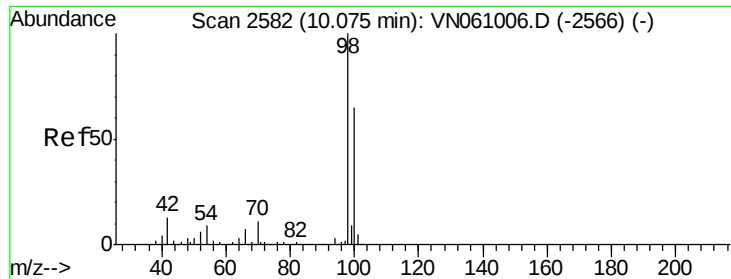
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.2
192	19.4	15.5	23.3



#44
 Trichloroethene
 Concen: 16.512 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: VN061086.D
 Acq: 18 Apr 2020 5:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.5	0.0	210.0





#50

Toluene-d8

Concen: 56.935 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061086.D

Acq: 18 Apr 2020 5:23

Instrument :

MSVOA_N

ClientSampleId :

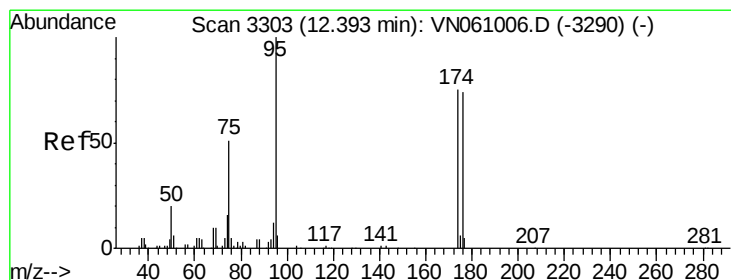
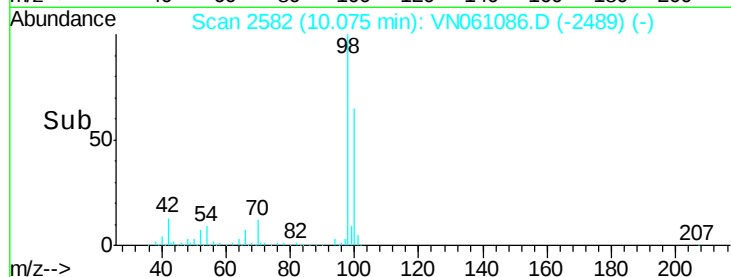
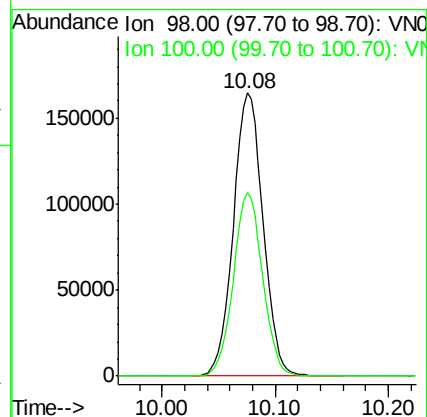
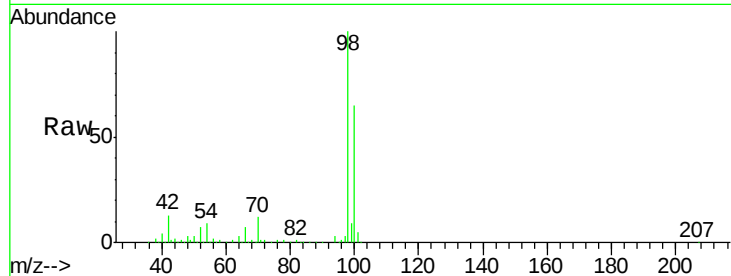
ST008MW336-200415

Tot Ion: 98 Resp: 300896

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 54.435 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061086.D

Acq: 18 Apr 2020 5:23

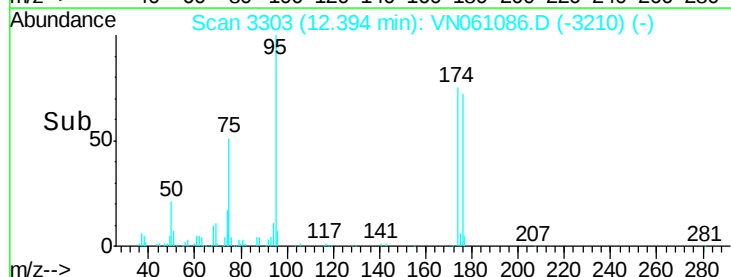
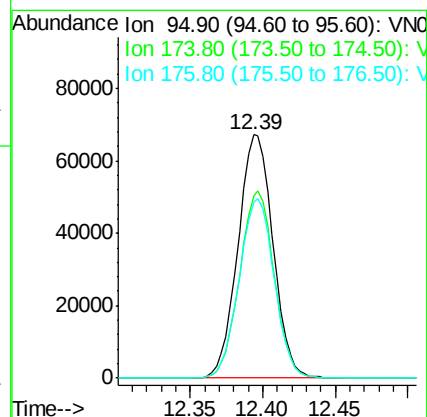
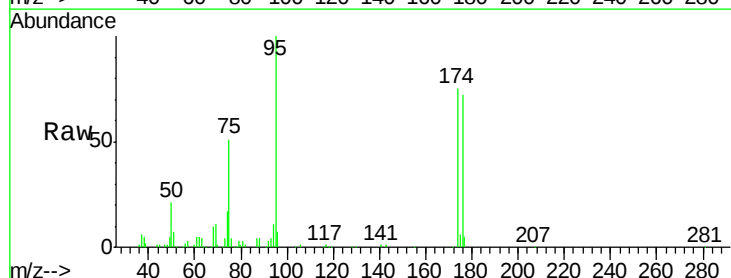
Tgt Ion: 95 Resp: 112751

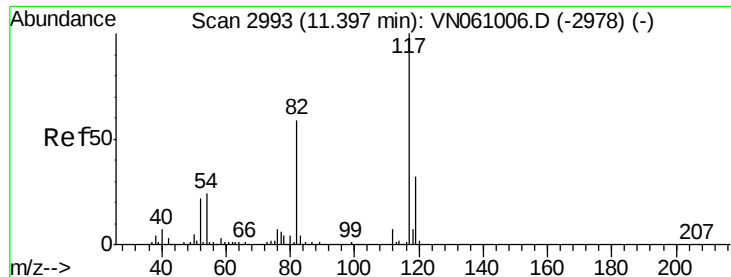
Ion Ratio Lower Upper

95 100

174 76.0 0.0 151.2

176 74.1 0.0 148.2

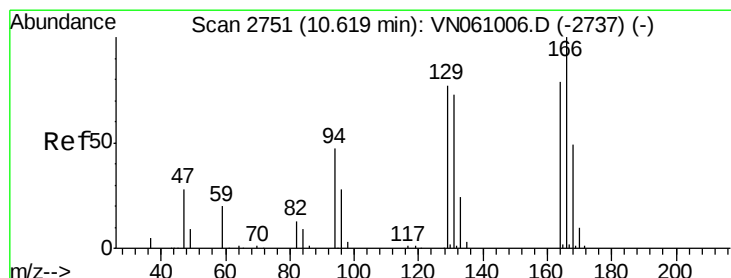
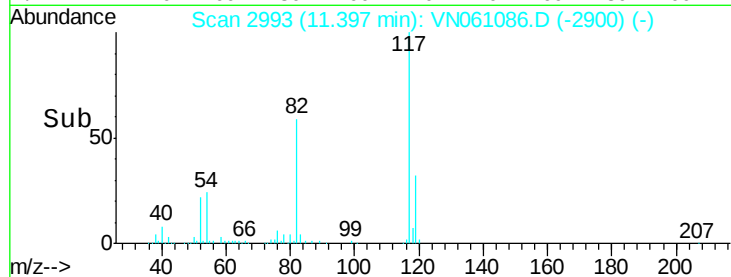
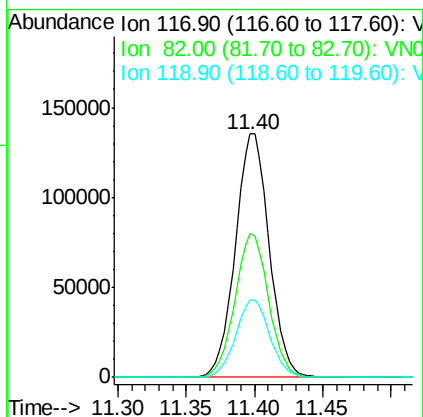
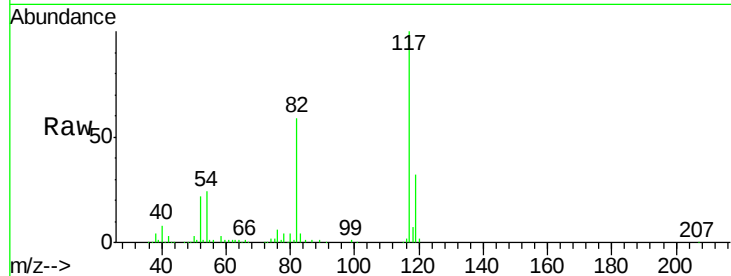




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061086.D
Acq: 18 Apr 2020 5:23

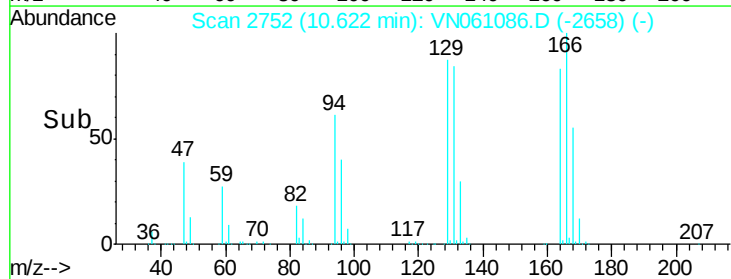
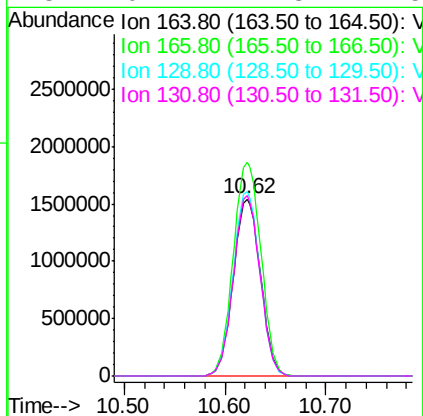
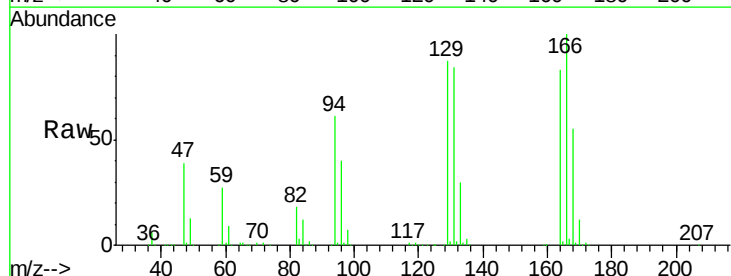
Instrument :
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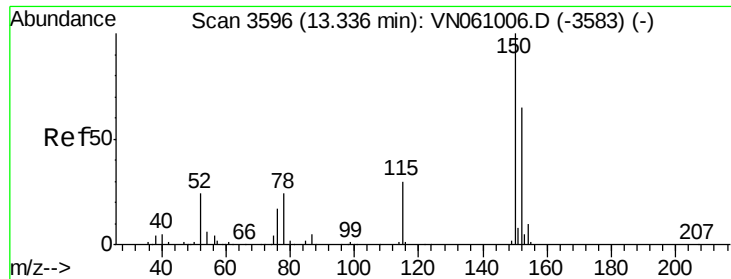
Tot Ion:117 Resp: 232726
Ion Ratio Lower Upper
117 100
82 59.0 47.1 70.7
119 31.9 25.7 38.5



#64
Tetrachloroethene
Concen: 1618.881 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN061086.D
Acq: 18 Apr 2020 5:23

Tgt Ion:164 Resp: 2882981
Ion Ratio Lower Upper
164 100
166 120.6 101.6 152.4
129 104.5 78.5 117.7
131 101.7 74.3 111.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061086.D

Acq: 18 Apr 2020 5:23

Instrument :

MSVOA_N

ClientSampleId :

ST008MW336-200415

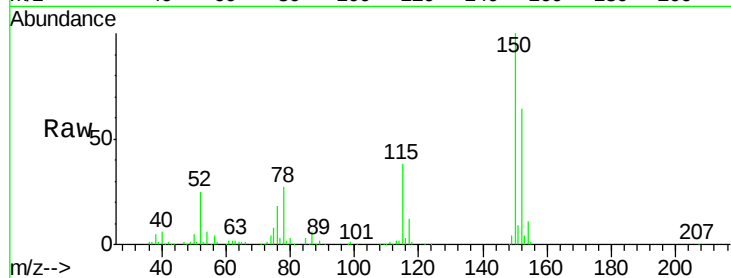
Tot Ion:152 Resp: 103194

Ion Ratio Lower Upper

152 100

115 60.8 30.8 92.4

150 157.1 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

