

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042020\
 Data File : VN061096.D
 Acq On : 20 Apr 2020 13:13
 Operator : JC/MD
 Sample : L2334-04DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ST008MW305-200415DL

Quant Time: Apr 21 04:22:36 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

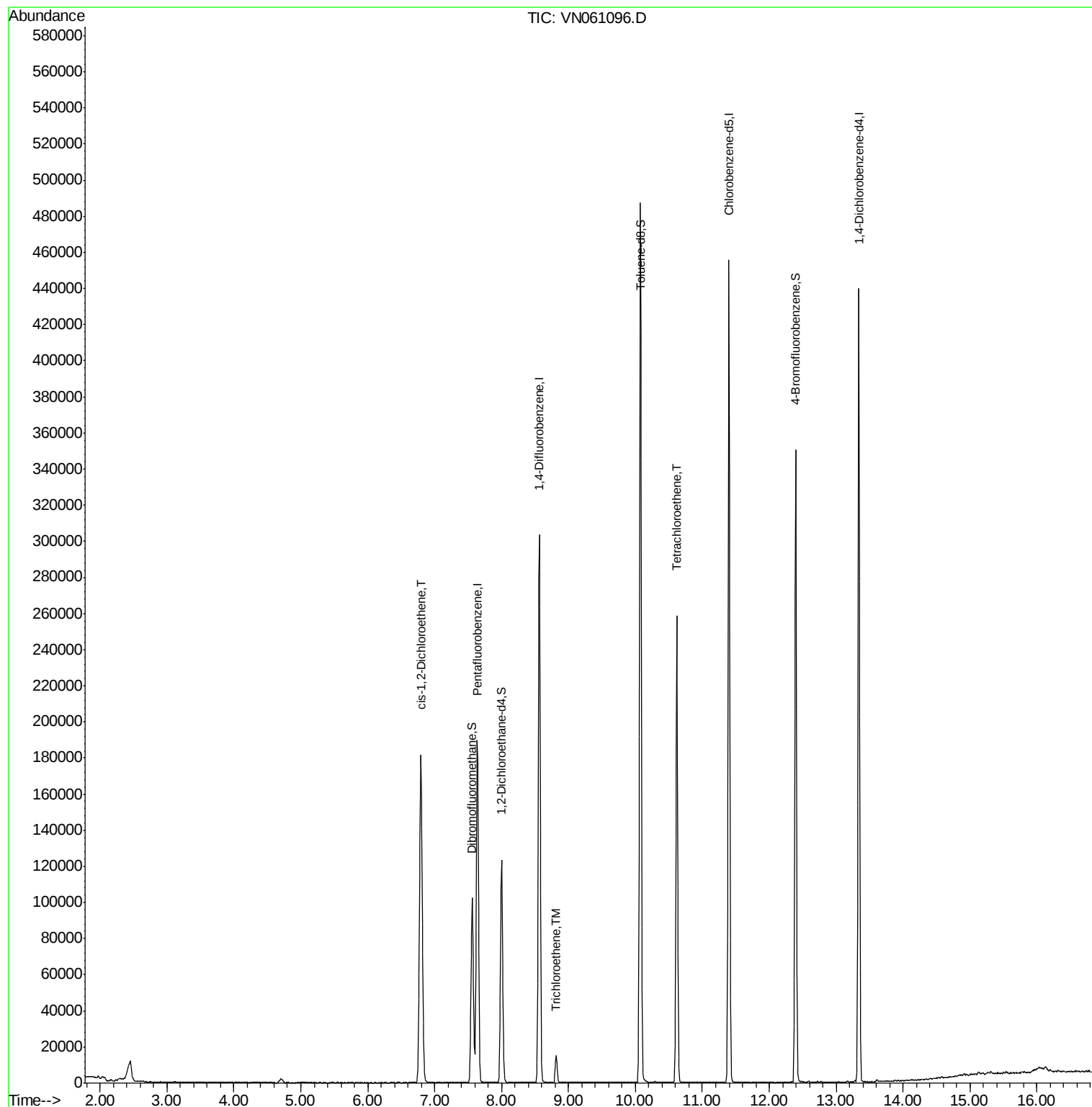
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	152580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	262671	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	250470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	112419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	105931	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
35) Dibromofluoromethane	7.56	113	78129	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
50) Toluene-d8	10.08	98	328188	56.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.24%	
62) 4-Bromofluorobenzene	12.40	95	124425	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.80	96	118173	57.637	ug/l	89
44) Trichloroethene	8.82	130	5555	2.749	ug/l	94
64) Tetrachloroethene	10.62	164	58851	30.705	ug/l	99

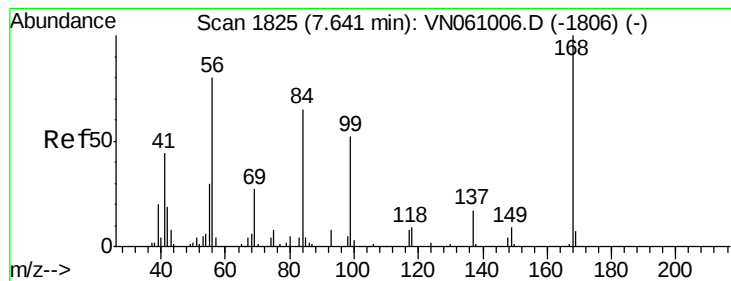
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1824

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

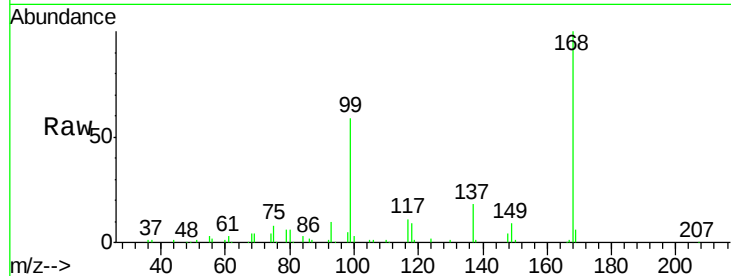
ST008MW305-200415DL

Tot Ion:168 Resp: 152580

Ion Ratio Lower Upper

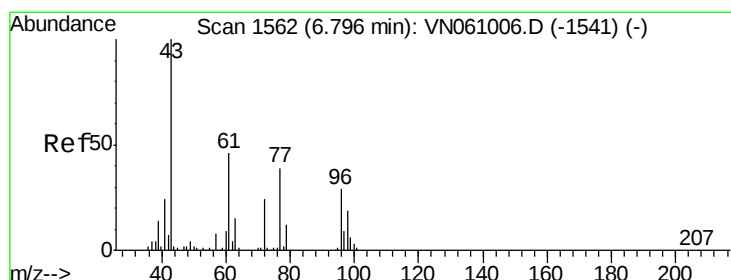
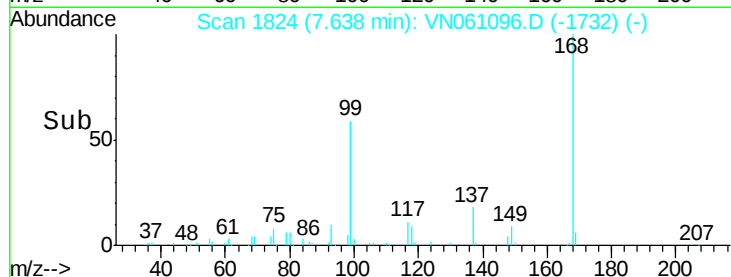
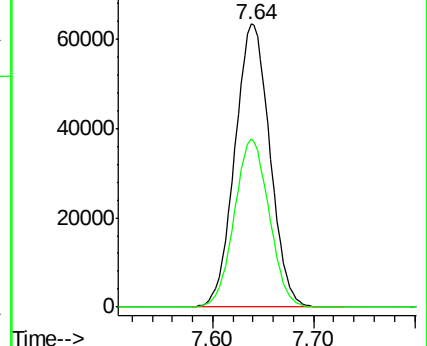
168 100

99 59.3 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: 57.637 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN061096.D

Acq: 20 Apr 2020 13:13

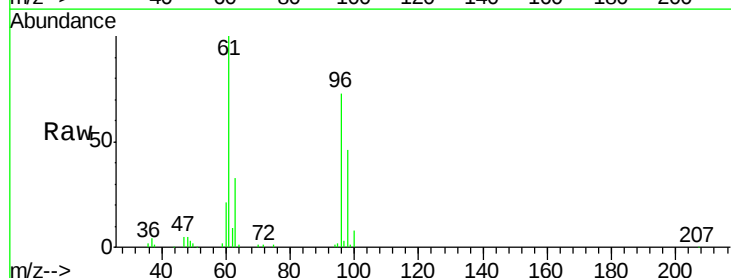
Tgt Ion: 96 Resp: 118173

Ion Ratio Lower Upper

96 100

61 139.5 0.0 317.4

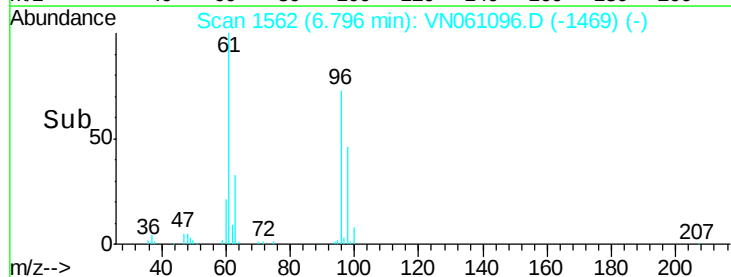
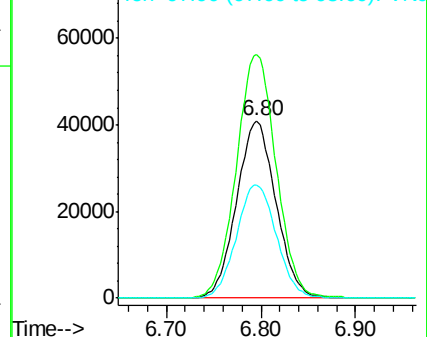
98 65.1 0.0 127.8

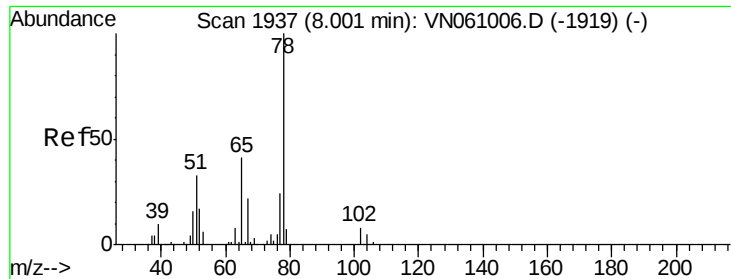


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 54.264 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN061096.D

Acq: 20 Apr 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

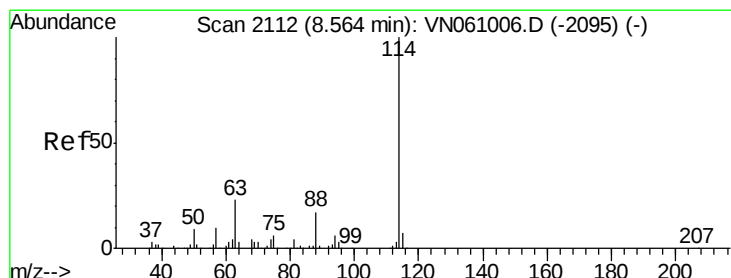
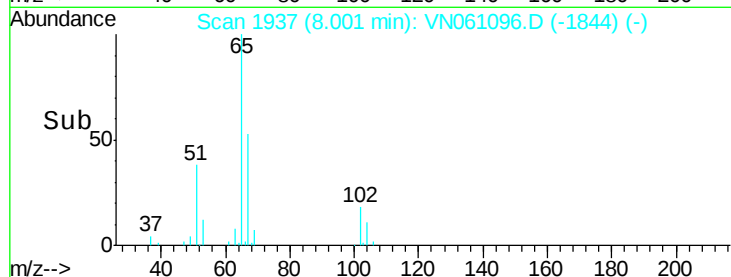
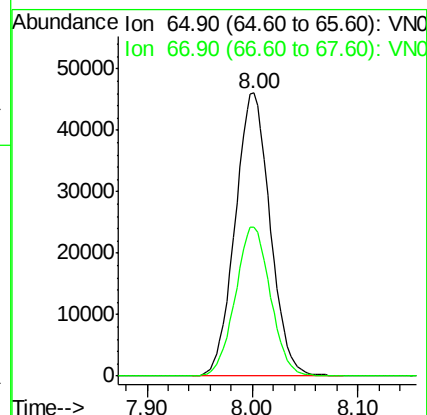
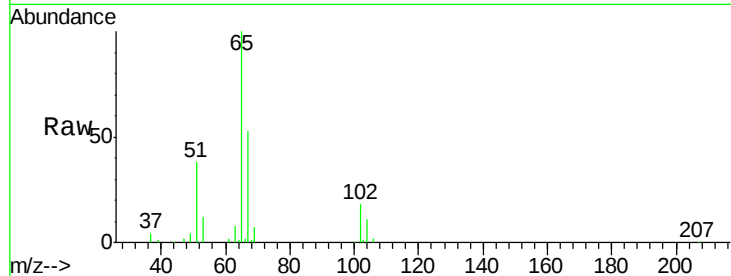
ST008MW305-200415DL

Tot Ion: 65 Resp: 105931

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN061096.D

Acq: 20 Apr 2020 13:13

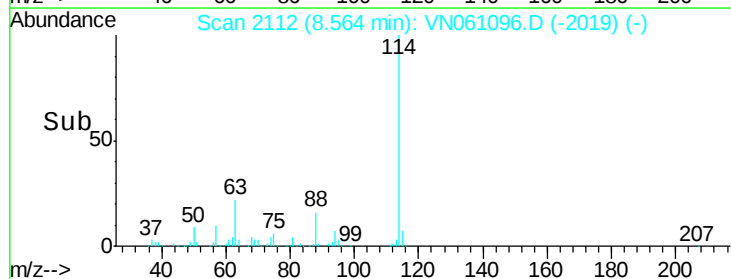
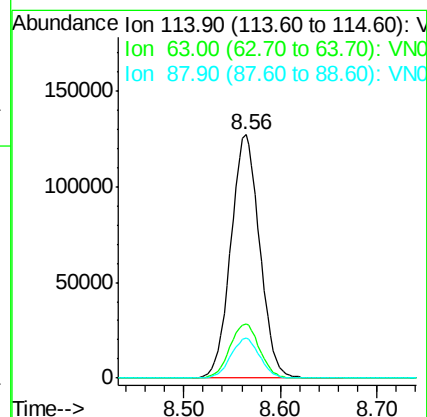
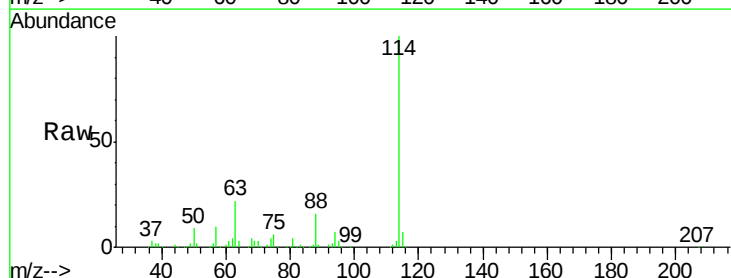
Tgt Ion: 114 Resp: 262671

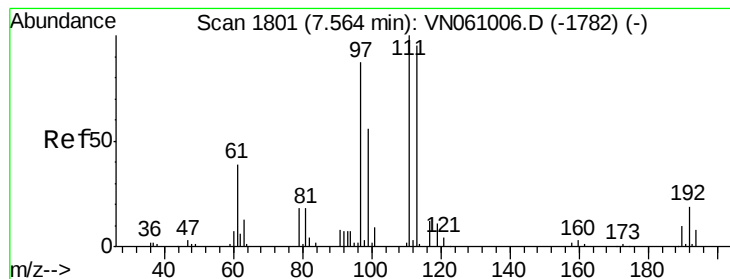
Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.2

88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.933 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN061096.D

Acq: 20 Apr 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

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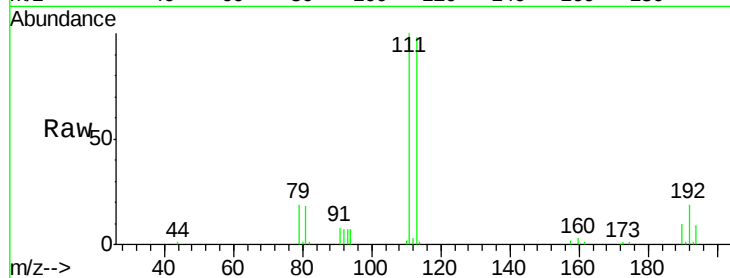
Tot Ion:113 Resp: 78129

Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

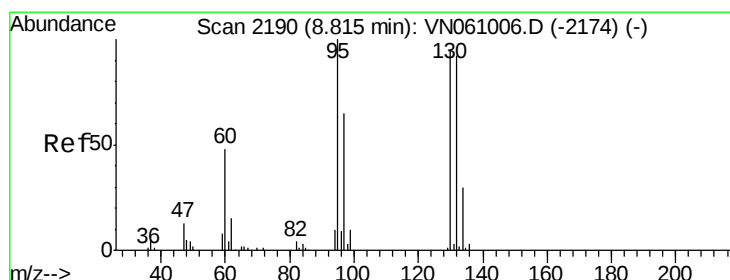
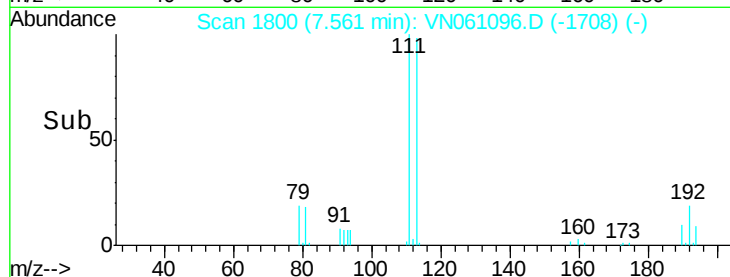
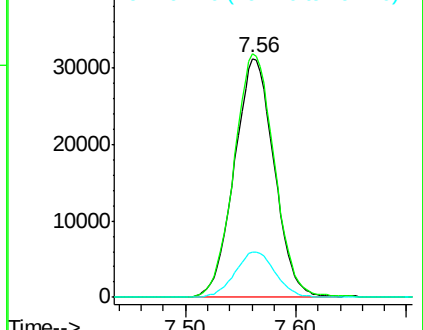
192 19.3 15.5 23.3



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



#44

Trichloroethene

Concen: 2.749 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN061096.D

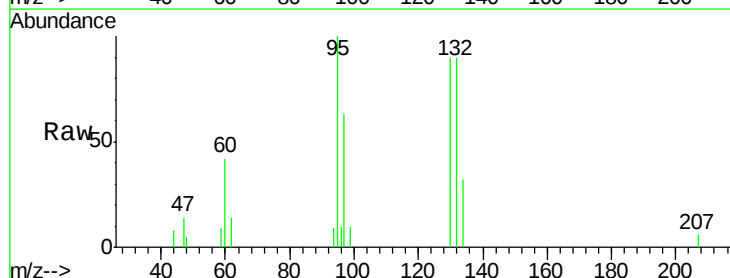
Acq: 20 Apr 2020 13:13

Tgt Ion:130 Resp: 5555

Ion Ratio Lower Upper

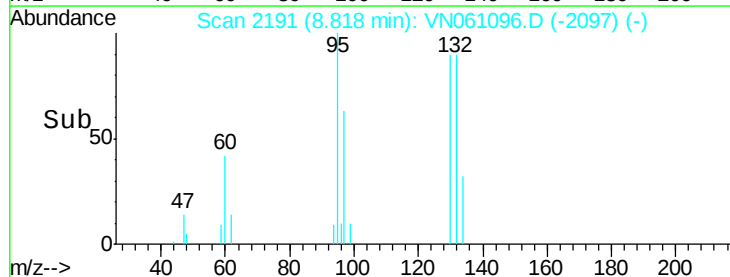
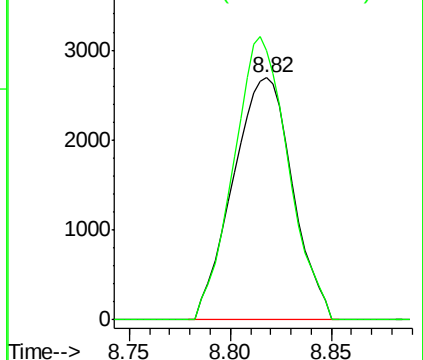
130 100

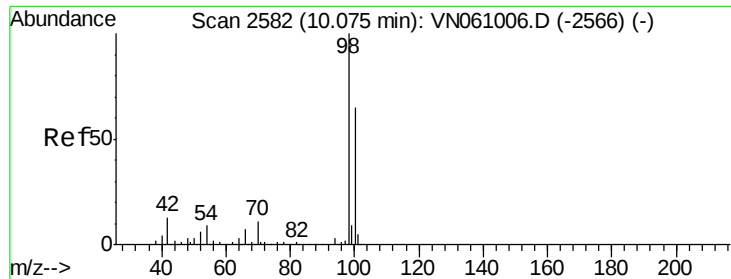
95 111.1 0.0 210.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

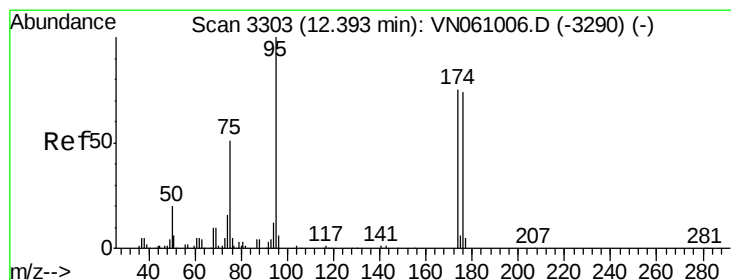
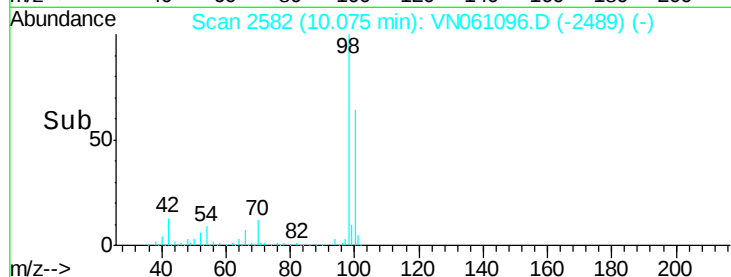
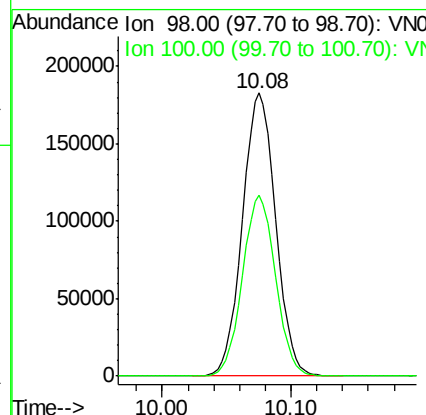
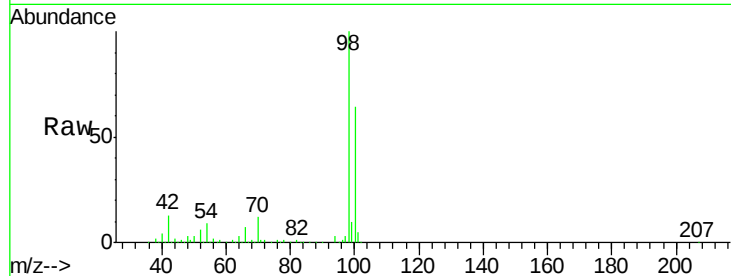




#50
Toluene-d8
Concen: 56.618 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN061096.D
Acq: 20 Apr 2020 13:13

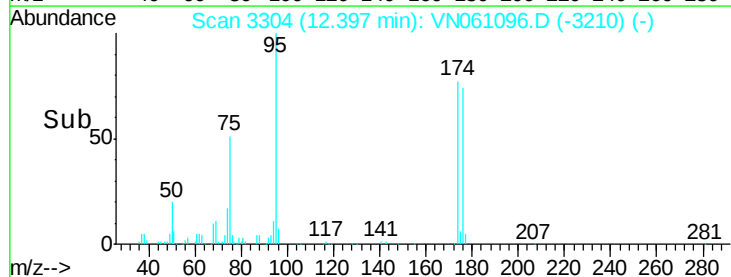
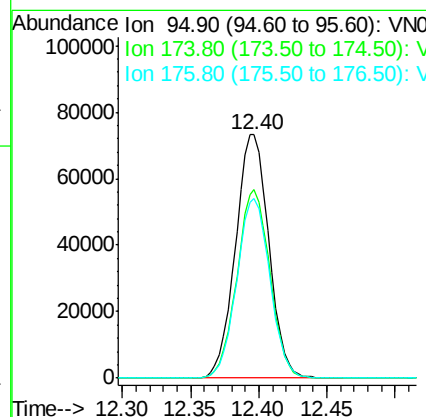
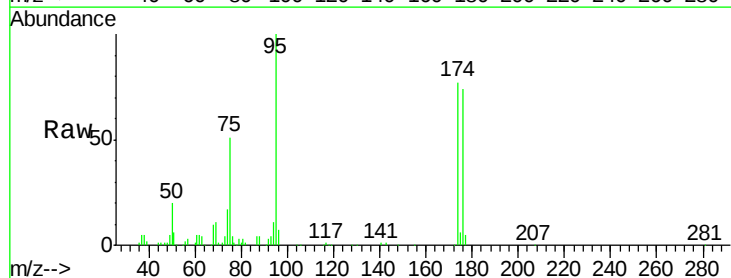
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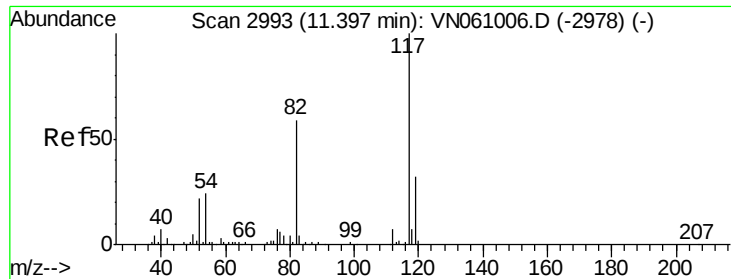
Tot Ion: 98 Resp: 328188
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.768 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN061096.D
Acq: 20 Apr 2020 13:13

Tgt Ion: 95 Resp: 124425
Ion Ratio Lower Upper
95 100
174 76.2 0.0 151.2
176 73.5 0.0 148.2

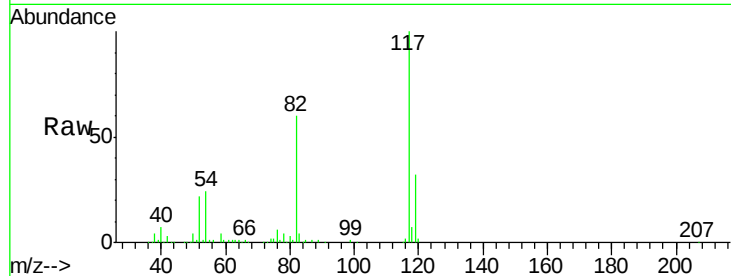




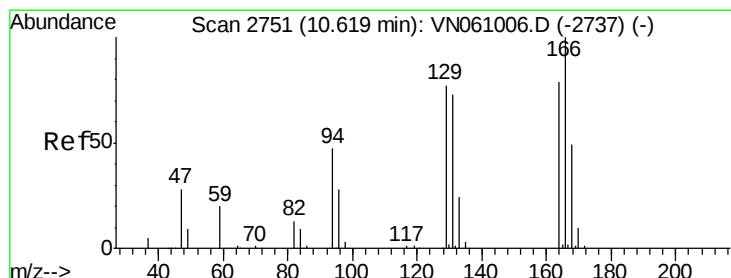
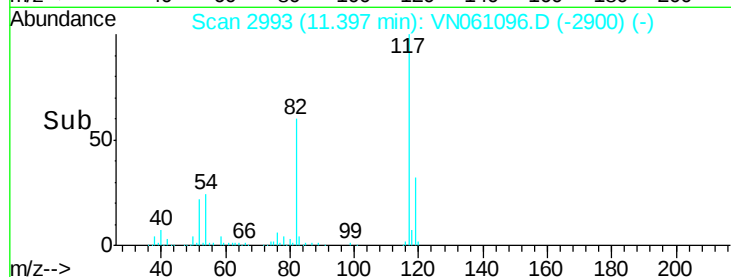
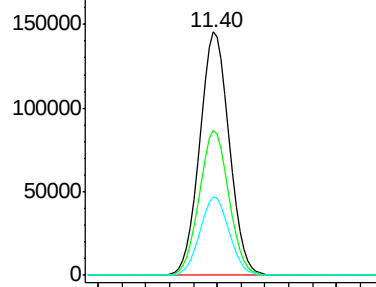
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN061096.D
Acq: 20 Apr 2020 13:13

Instrument :
MSVOA_N
ClientSampleId :
ST008MW305-200415DL

Tot Ion:117 Resp: 250470
Ion Ratio Lower Upper
117 100
82 59.6 47.1 70.7
119 32.5 25.7 38.5

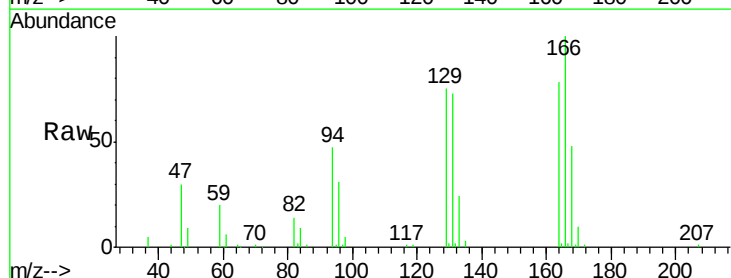


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

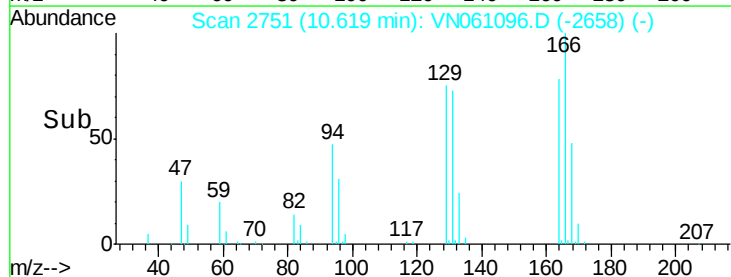
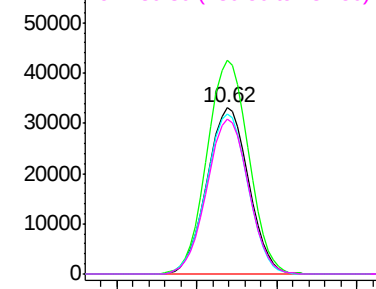


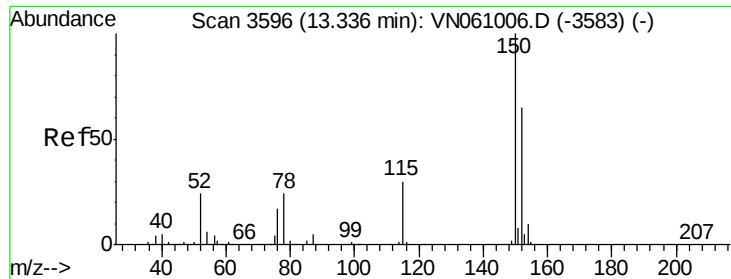
#64
Tetrachloroethene
Concen: 30.705 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN061096.D
Acq: 20 Apr 2020 13:13

Tgt Ion:164 Resp: 58851
Ion Ratio Lower Upper
164 100
166 128.7 101.6 152.4
129 96.8 78.5 117.7
131 93.7 74.3 111.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061096.D

Acq: 20 Apr 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

ST008MW305-200415DL

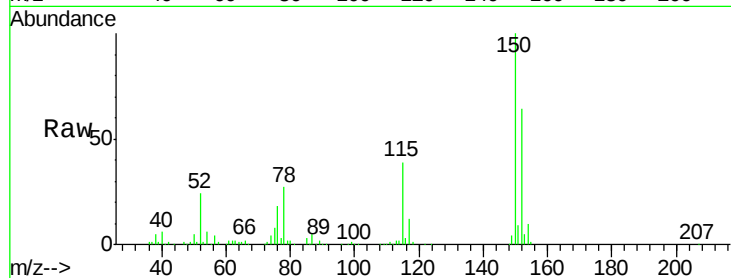
Tot Ion:152 Resp: 112419

Ion Ratio Lower Upper

152 100

115 60.5 30.8 92.4

150 156.8 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

