

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN061994.D
 Acq On : 22 Jun 2020 13:01
 Operator : JC/MD
 Sample : L2988-20DL 4X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200609DL

Quant Time: Jun 23 05:30:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

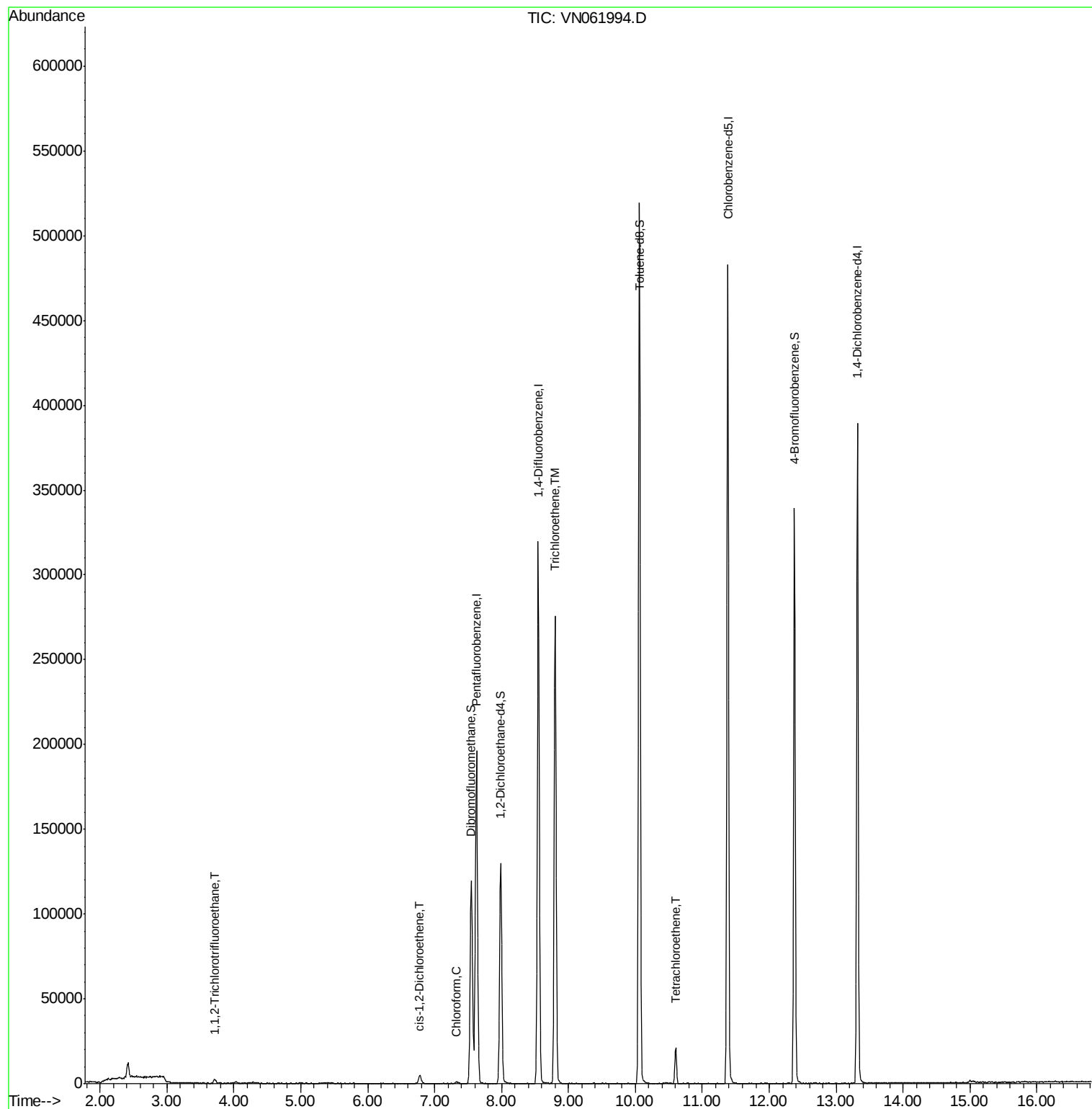
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	156158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	291618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	282118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	105920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	108894	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
35) Dibromofluoromethane	7.55	113	92012	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
50) Toluene-d8	10.06	98	369035	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.37	95	118813	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	3.71	101	1508	0.952	ug/l #	64
27) cis-1,2-Dichloroethene	6.78	96	2174	1.034	ug/l	81
30) Chloroform	7.33	83	1376	0.408	ug/l #	77
44) Trichloroethene	8.80	130	104583	49.320	ug/l	100
64) Tetrachloroethene	10.60	164	4846	2.695	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062220\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061994.D

Acq: 22 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

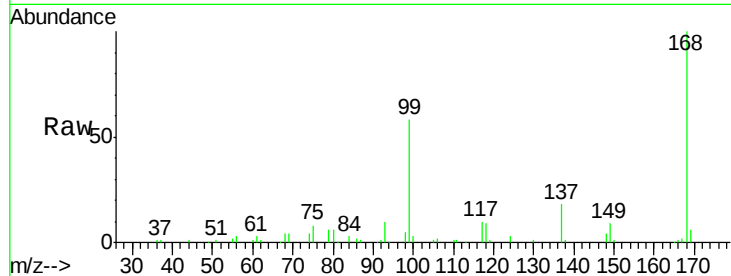
RE131D1-20200609DL

Tot Ion:168 Resp: 156158

Ion Ratio Lower Upper

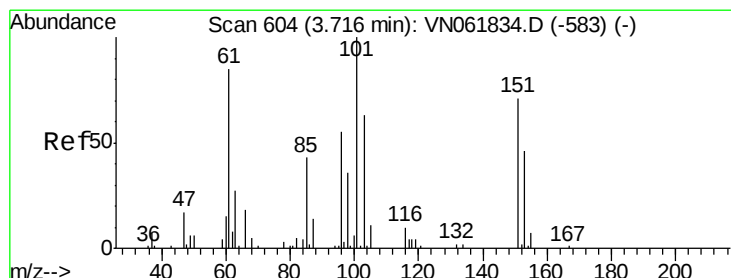
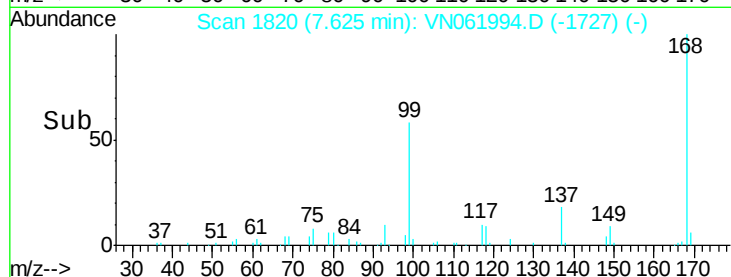
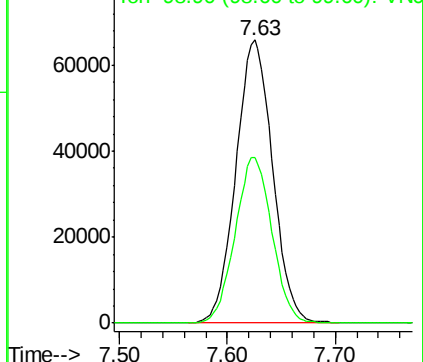
168 100

99 58.4 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.952 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061994.D

Acq: 22 Jun 2020 13:01

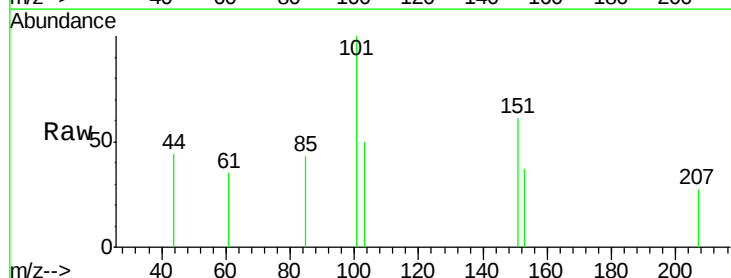
Tgt Ion:101 Resp: 1508

Ion Ratio Lower Upper

101 100

85 36.7 35.0 52.6

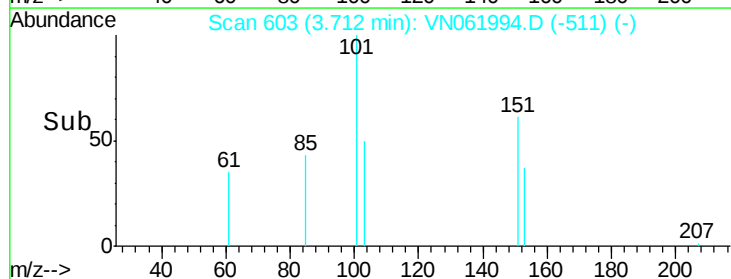
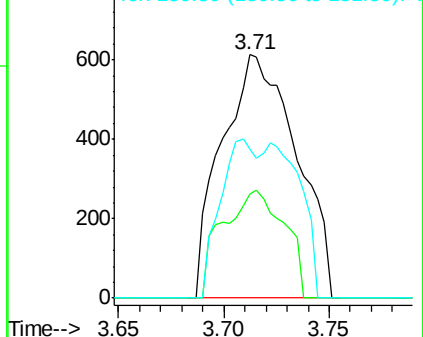
151 31.7 59.2 88.8#

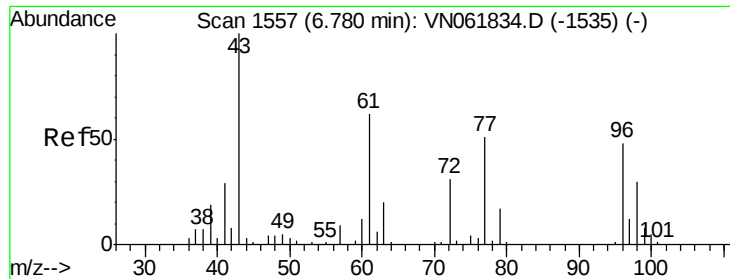


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V





#27

cis-1,2-Dichloroethene

Concen: 1.034 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061994.D

Acq: 22 Jun 2020 13:01

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RE131D1-20200609DL

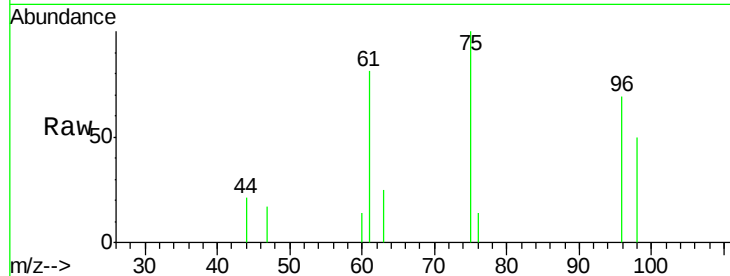
Tot Ion: 96 Resp: 2174

Ion Ratio Lower Upper

96 100

61 134.5 0.0 265.6

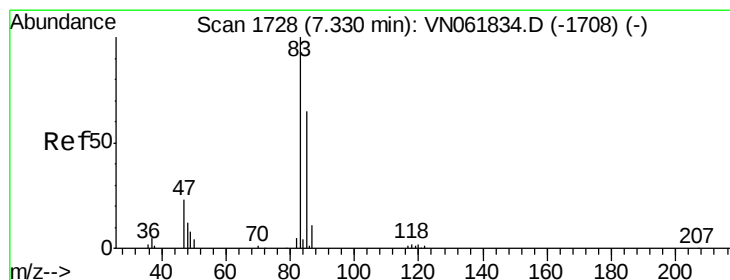
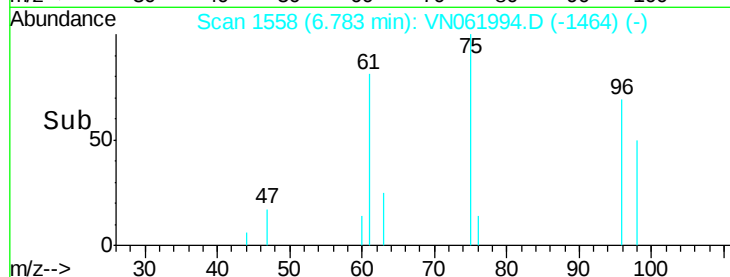
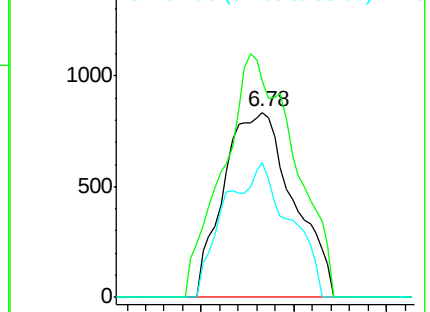
98 21.9 0.0 128.2



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



#30

Chloroform

Concen: 0.408 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN061994.D

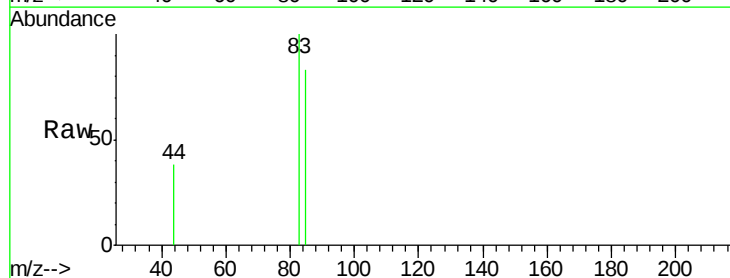
Acq: 22 Jun 2020 13:01

Tgt Ion: 83 Resp: 1376

Ion Ratio Lower Upper

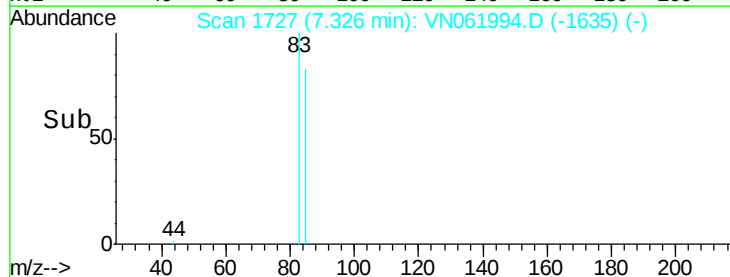
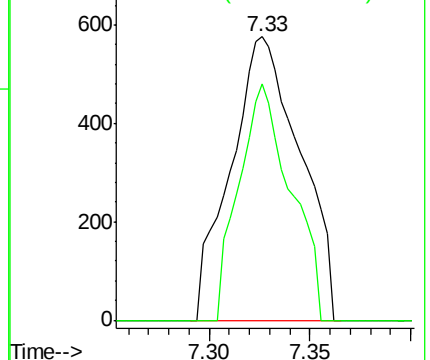
83 100

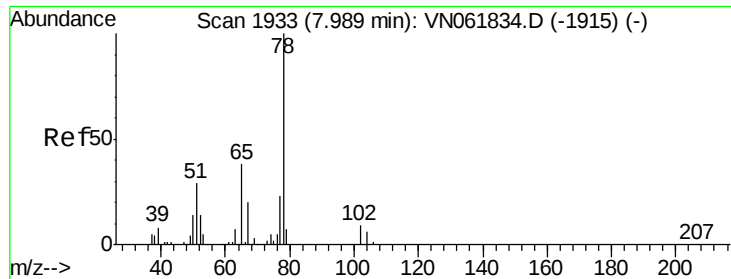
85 83.2 52.0 78.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

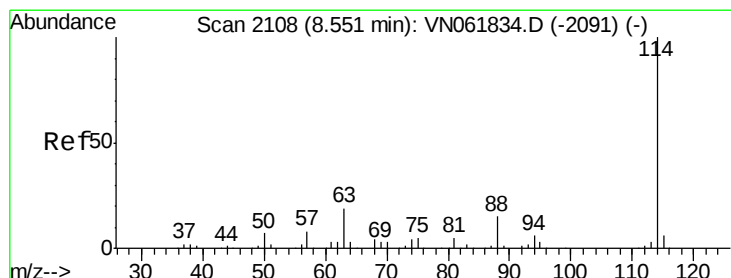
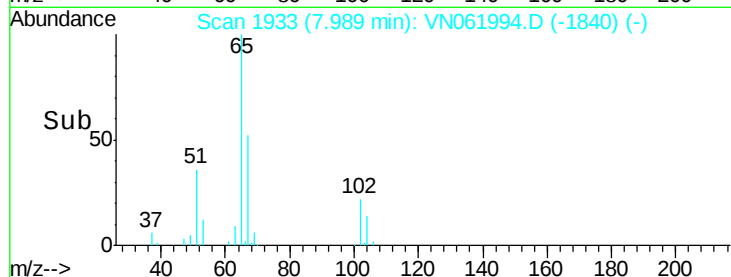
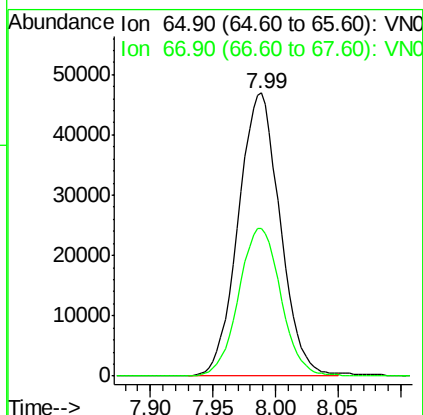
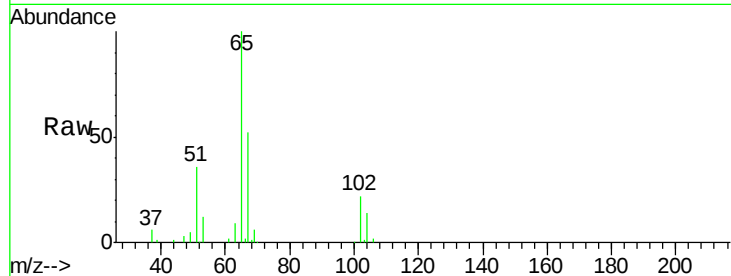




#33
 1,2-Dichloroethane-d4
 Concen: 51.995 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061994.D
 Acq: 22 Jun 2020 13:01

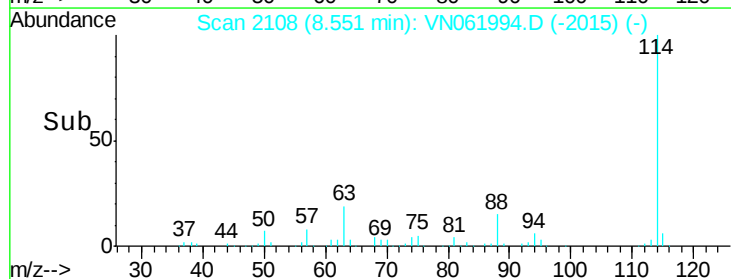
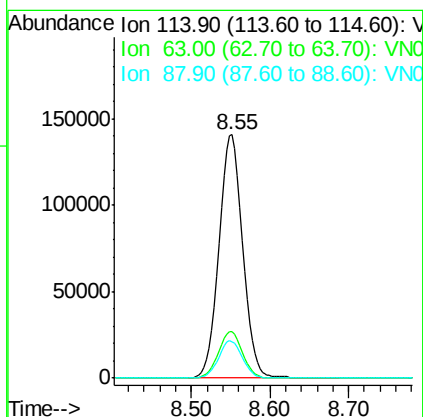
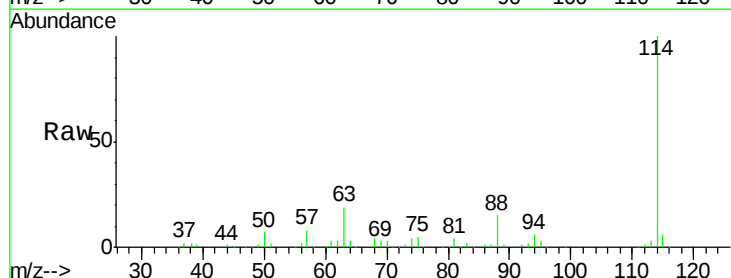
Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200609DL

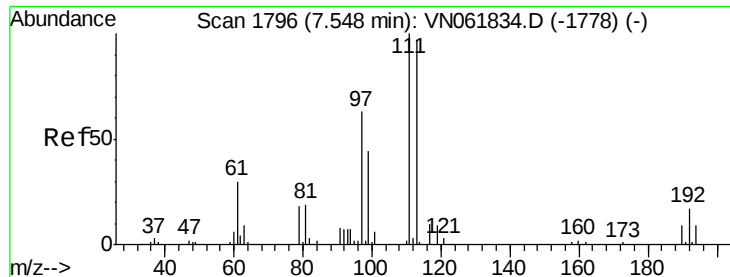
Tot Ion: 65 Resp: 108894
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061994.D
 Acq: 22 Jun 2020 13:01

Tgt Ion: 114 Resp: 291618
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.6
 88 15.1 0.0 31.0

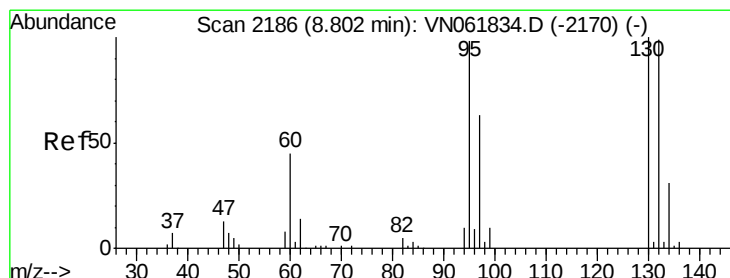
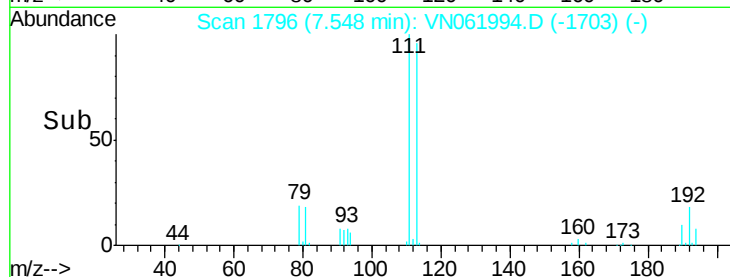
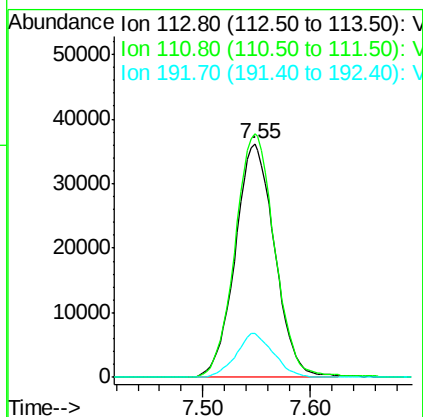
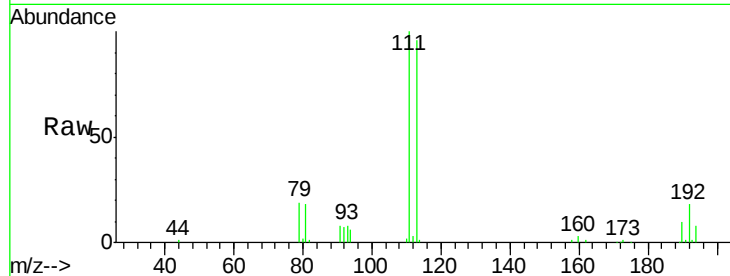




#35
 Dibromofluoromethane
 Concen: 49.320 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061994.D
 Acq: 22 Jun 2020 13:01

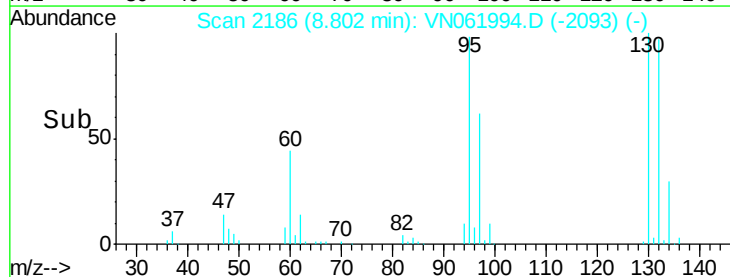
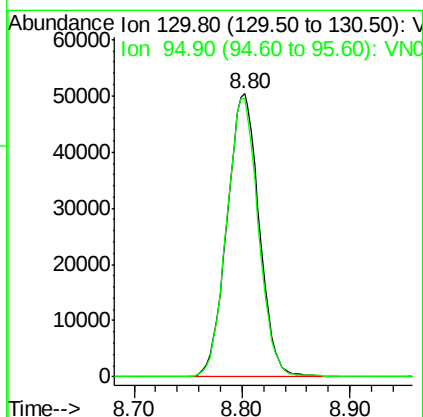
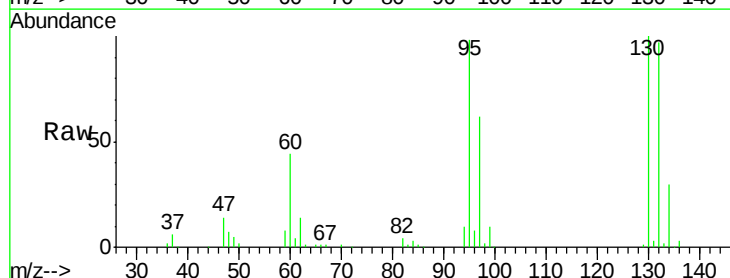
Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D1-20200609DL

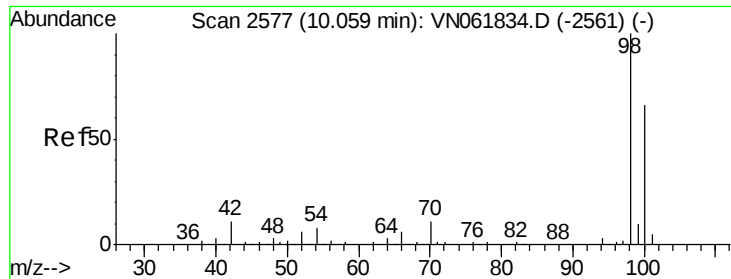
Tot Ion:113 Resp: 92012
 Ion Ratio Lower Upper
 113 100
 111 104.9 83.7 125.5
 192 17.9 13.9 20.9



#44
 Trichloroethene
 Concen: 49.320 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN061994.D
 Acq: 22 Jun 2020 13:01

Tgt Ion:130 Resp: 104583
 Ion Ratio Lower Upper
 130 100
 95 98.2 0.0 195.6





#50

Toluene-d8

Concen: 50.315 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061994.D

Acq: 22 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

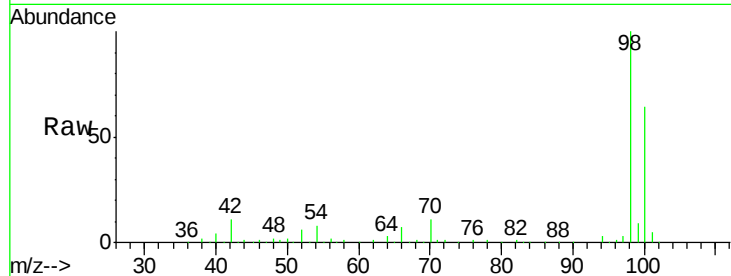
RE131D1-20200609DL

Tot Ion: 98 Resp: 369035

Ion Ratio Lower Upper

98 100

100 64.2 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

200000

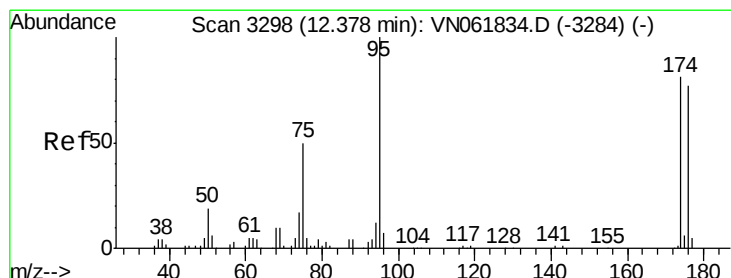
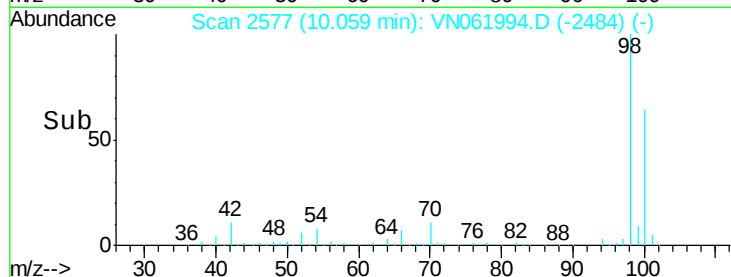
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.226 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061994.D

Acq: 22 Jun 2020 13:01

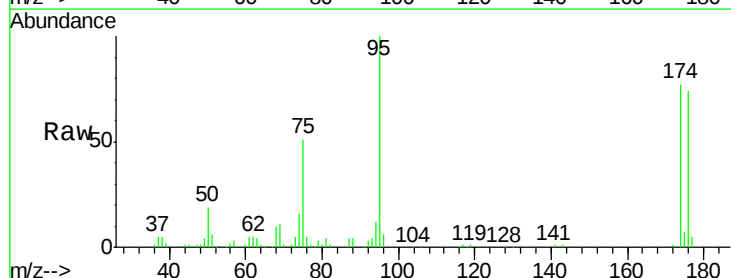
Tgt Ion: 95 Resp: 118813

Ion Ratio Lower Upper

95 100

174 79.5 0.0 158.6

176 76.0 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

12.37

80000

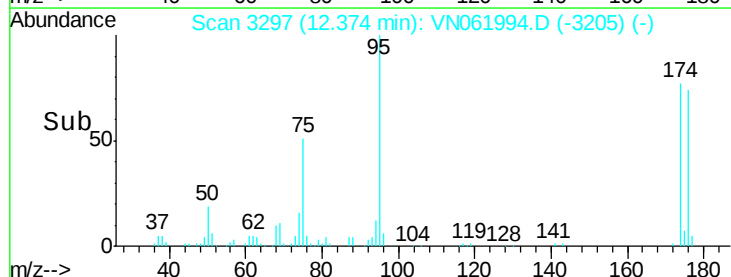
60000

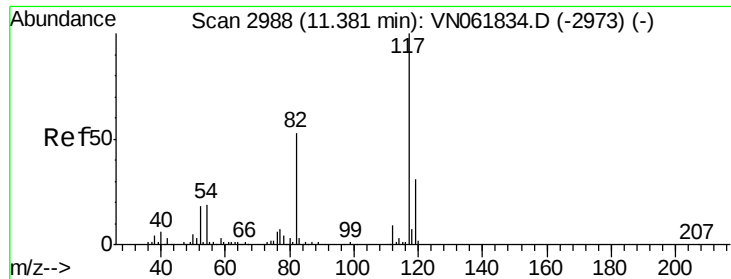
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20000

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Time-->

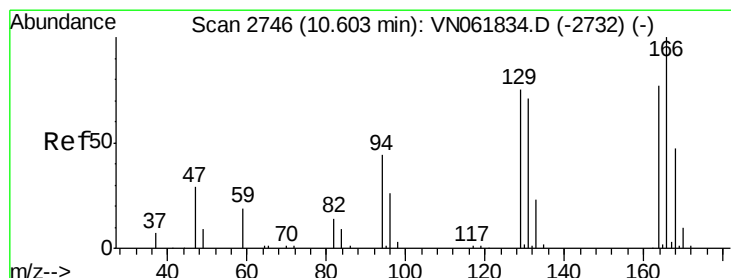
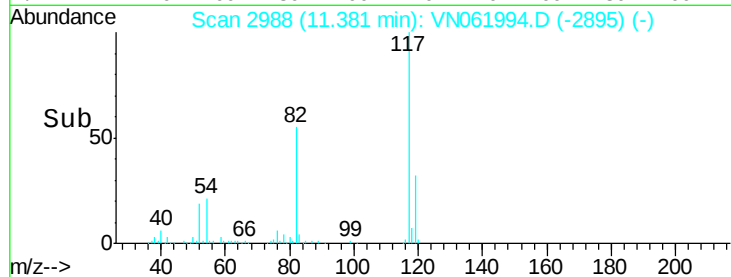
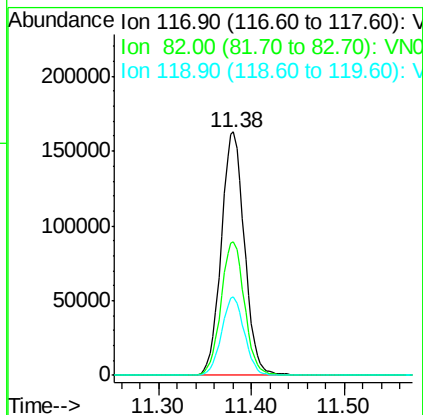
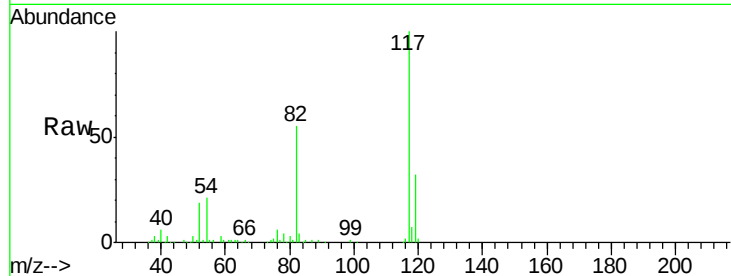




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061994.D
Acq: 22 Jun 2020 13:01

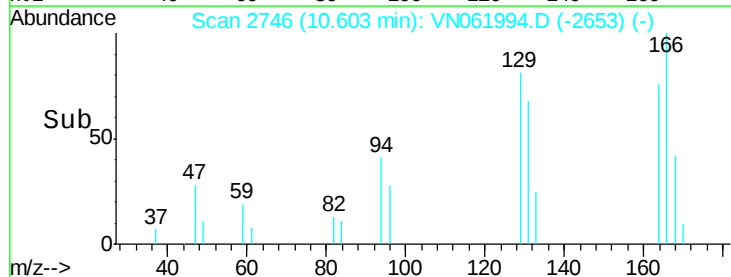
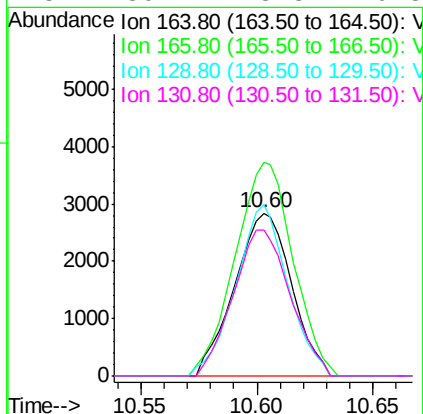
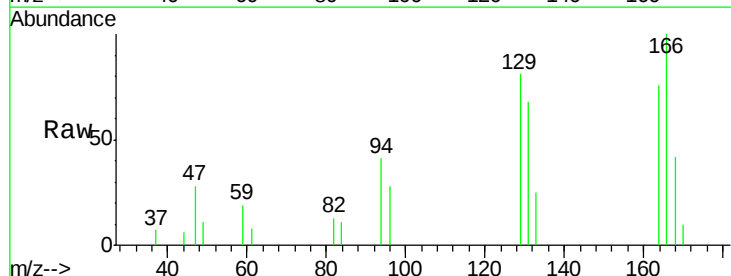
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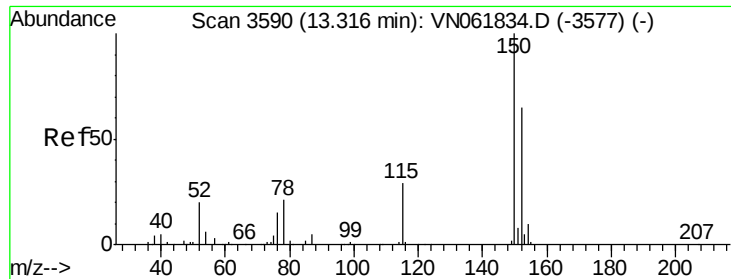
Tot Ion:117 Resp: 282118
Ion Ratio Lower Upper
117 100
82 54.8 42.6 64.0
119 32.1 24.7 37.1



#64
Tetrachloroethene
Concen: 2.695 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061994.D
Acq: 22 Jun 2020 13:01

Tgt Ion:164 Resp: 4846
Ion Ratio Lower Upper
164 100
166 130.9 103.5 155.3
129 105.4 77.5 116.3
131 89.2 73.8 110.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061994.D

Acq: 22 Jun 2020 13:01

Instrument :

MSVOA_N

ClientSampleId :

RE131D1-20200609DL

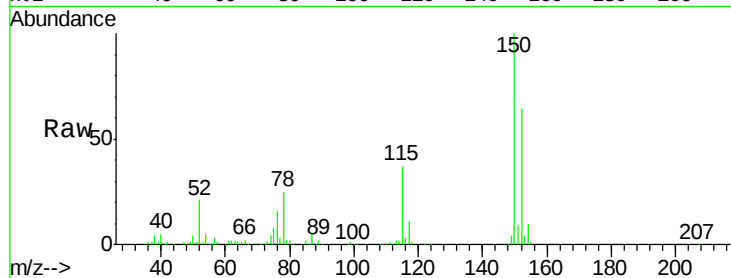
Tot Ion:152 Resp: 105920

Ion Ratio Lower Upper

152 100

115 59.5 29.1 87.3

150 158.1 0.0 347.6



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

