

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061803.D
 Acq On : 12 Jun 2020 19:54
 Operator : JC/MD
 Sample : L2989-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D3-20200609

Quant Time: Jun 13 07:09:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

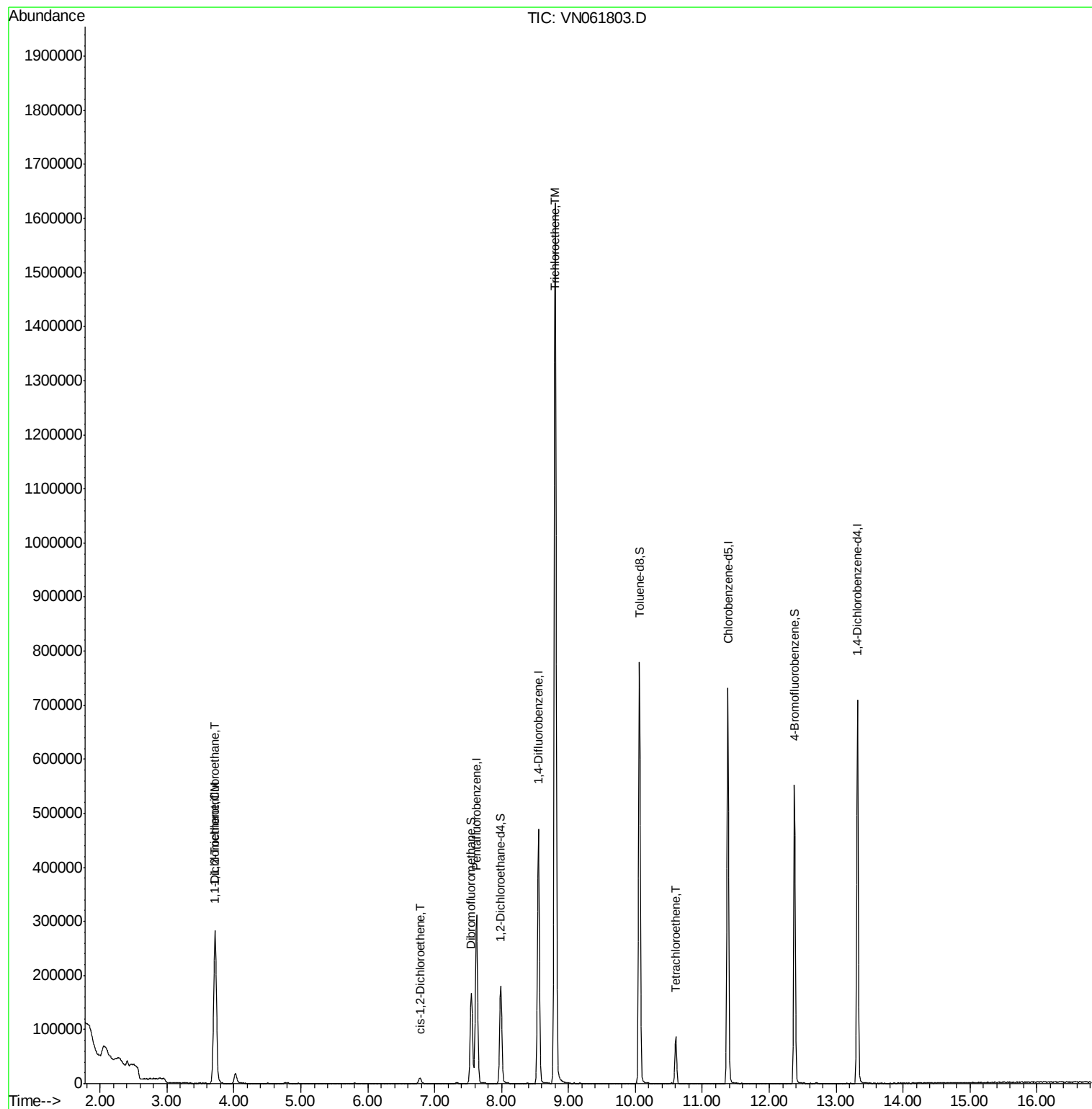
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	264390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	458763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	459184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	155190	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
35) Dibromofluoromethane	7.55	113	129671	55.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.44%	
50) Toluene-d8	10.06	98	557522	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.38	95	190594	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	174082	68.842	ug/l	96
12) 1,1-Dichloroethene	3.70	96	1893	0.701	ug/l #	65
27) cis-1,2-Dichloroethene	6.78	96	6716	1.947	ug/l	90
44) Trichloroethene	8.80	130	648389	168.368	ug/l	95
64) Tetrachloroethene	10.60	164	20769	4.805	ug/l	94

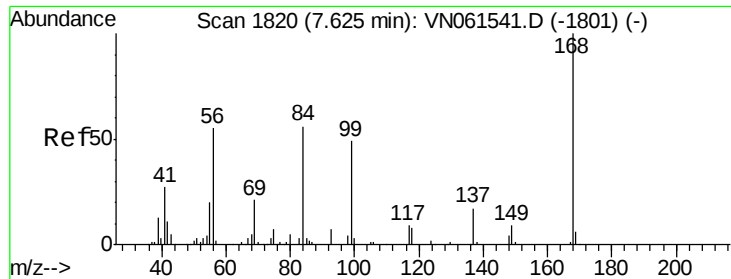
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061220\
Data File : VN061803.D
Acq On : 12 Jun 2020 19:54
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Quant Time: Jun 13 07:09:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 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: VN061803.D

Acq: 12 Jun 2020 19:54

Instrument :

MSVOA_N

ClientSampleId :

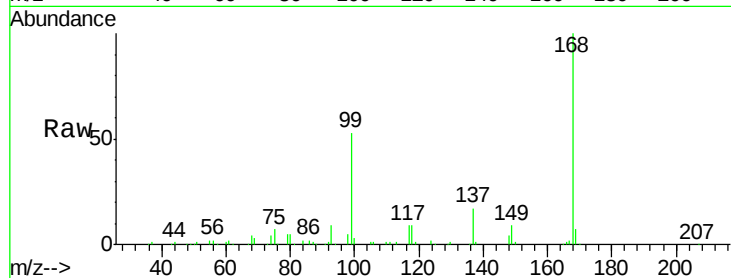
RE125D3-20200609

Tot Ion:168 Resp: 264390

Ion Ratio Lower Upper

168 100

99 53.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

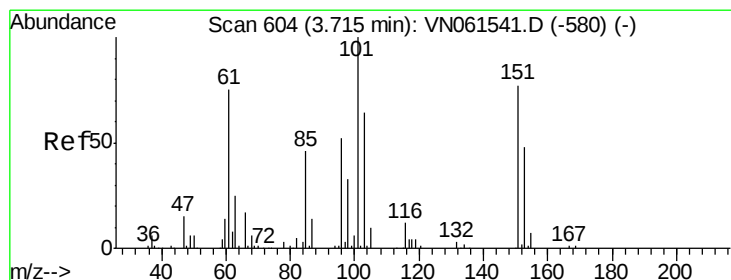
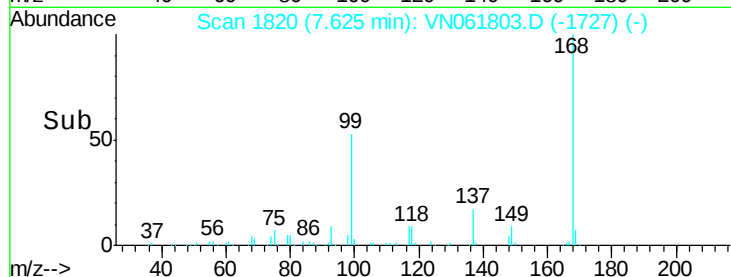
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 68.842 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061803.D

Acq: 12 Jun 2020 19:54

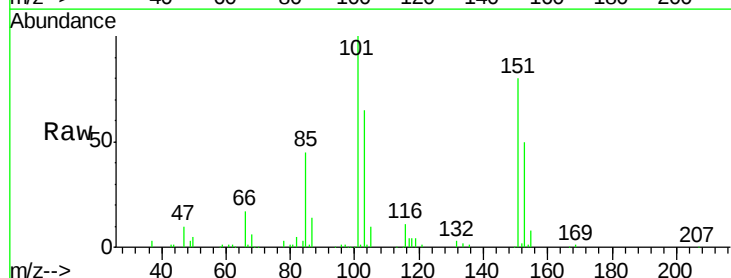
Tgt Ion:101 Resp: 174082

Ion Ratio Lower Upper

101 100

85 44.4 35.2 52.8

151 81.2 61.0 91.6



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

80000

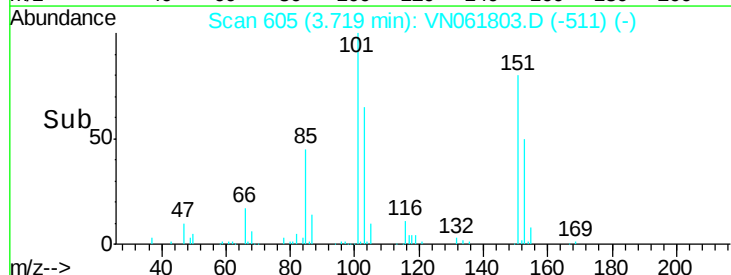
60000

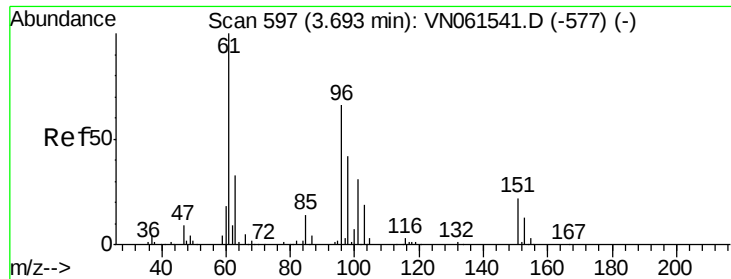
40000

20000

0

Time--> 3.60 3.70 3.80





#12

1,1-Dichloroethene

Concen: 0.701 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.01 min

Lab File: VN061803.D

Acq: 12 Jun 2020 19:54

Instrument :

MSVOA_N

ClientSampleId :

RE125D3-20200609

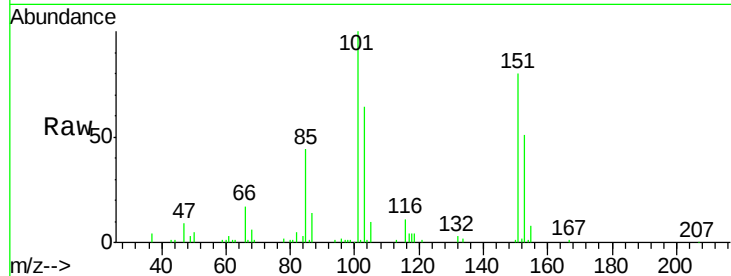
Tot Ion: 96 Resp: 1893

Ion Ratio Lower Upper

96 100

61 102.0 120.5 180.7#

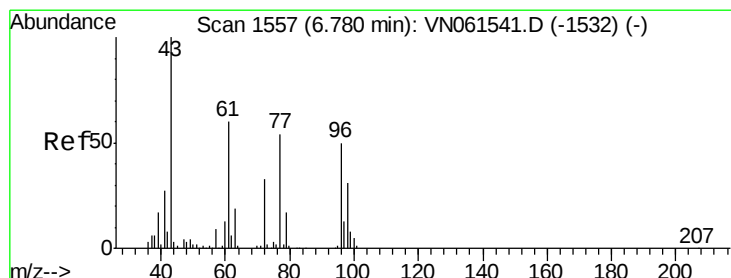
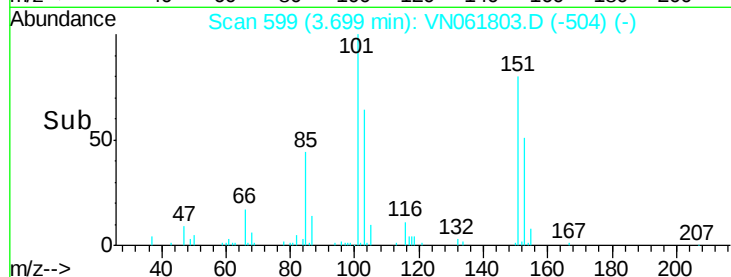
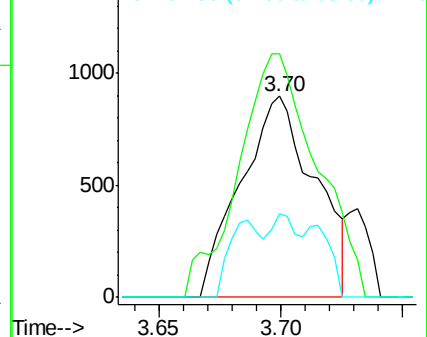
98 41.7 50.8 76.2#



Abundance Ion 95.90 (95.60 to 96.60): VN061541.D (-577) (-)

Ion 60.90 (60.60 to 61.60): VN061541.D (-577) (-)

Ion 97.90 (97.60 to 98.60): VN061541.D (-577) (-)



#27

cis-1,2-Dichloroethene

Concen: 1.947 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061803.D

Acq: 12 Jun 2020 19:54

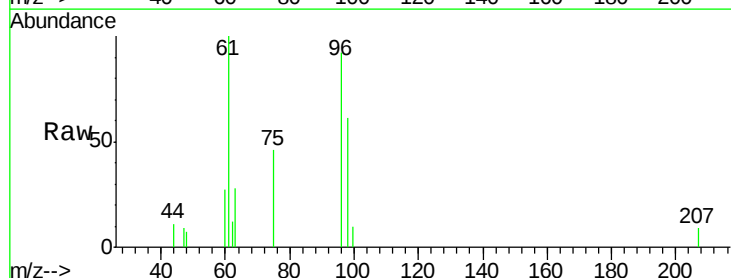
Tgt Ion: 96 Resp: 6716

Ion Ratio Lower Upper

96 100

61 110.4 0.0 252.2

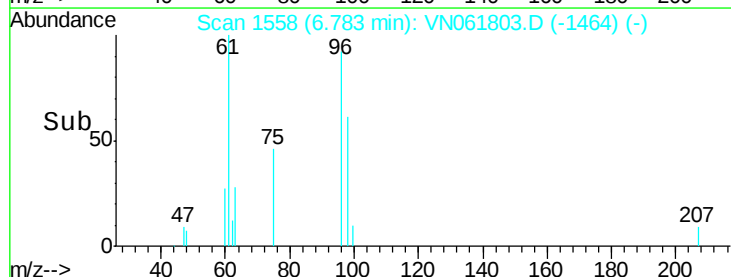
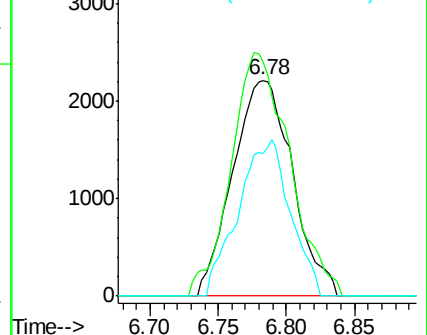
98 63.1 0.0 129.2

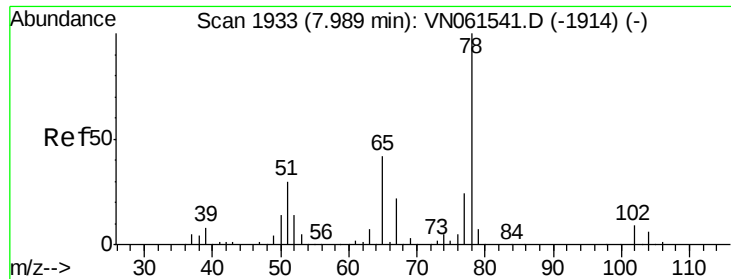


Abundance Ion 95.90 (95.60 to 96.60): VN061541.D (-1532) (-)

Ion 60.90 (60.60 to 61.60): VN061541.D (-1532) (-)

Ion 97.90 (97.60 to 98.60): VN061541.D (-1532) (-)

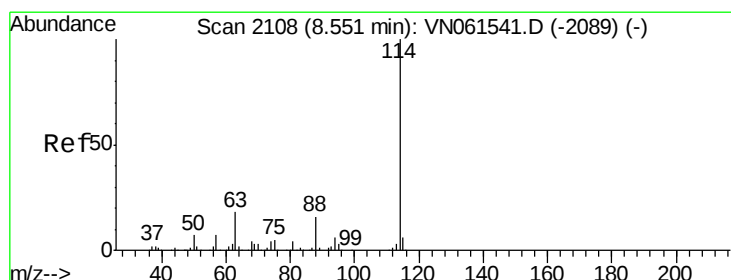
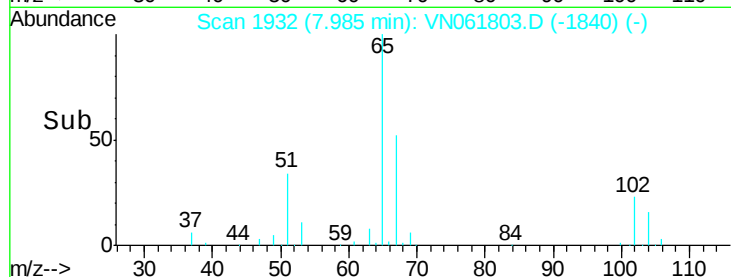
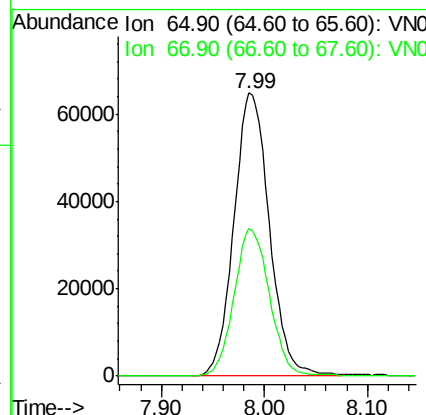
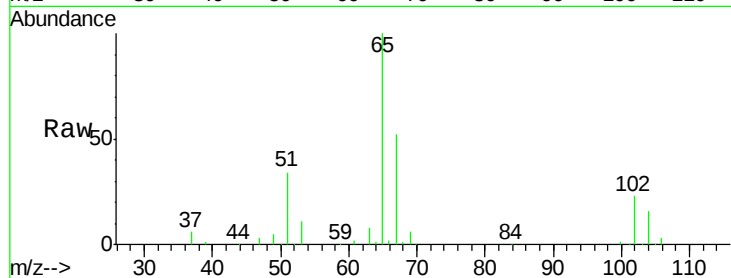




#33
 1,2-Dichloroethane-d4
 Concen: 49.266 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061803.D
 Acq: 12 Jun 2020 19:54

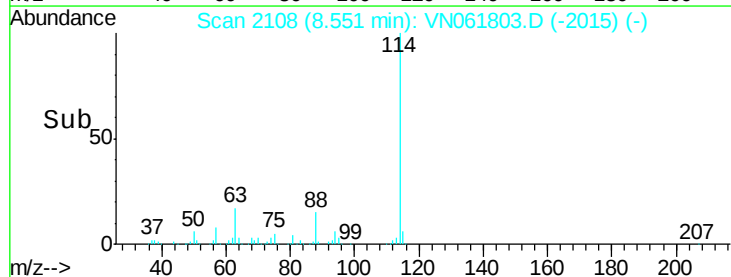
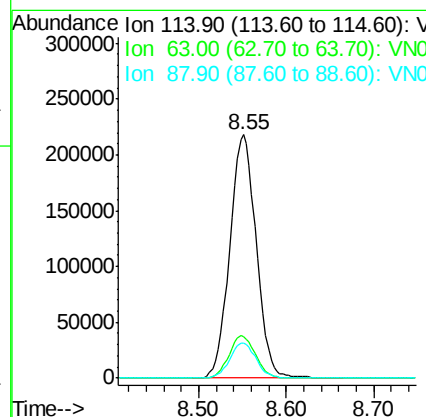
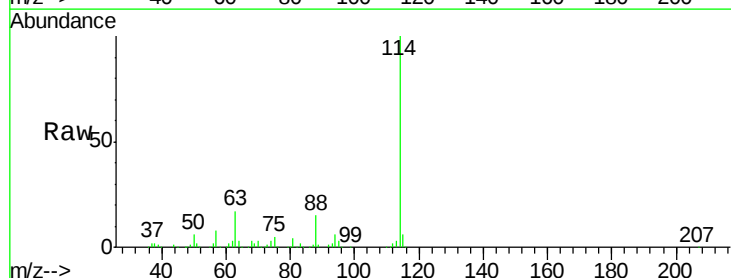
Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D3-20200609

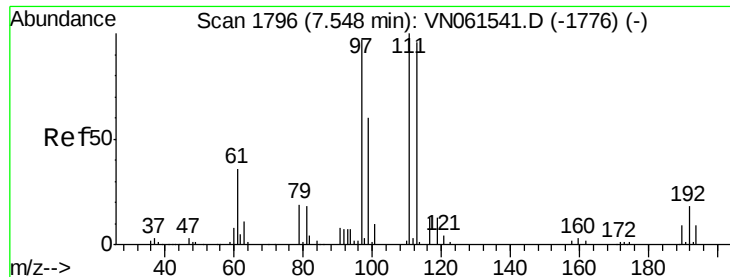
Tot Ion: 65 Resp: 155190
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061803.D
 Acq: 12 Jun 2020 19:54

Tgt Ion: 114 Resp: 458763
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.8
 88 14.6 0.0 31.0

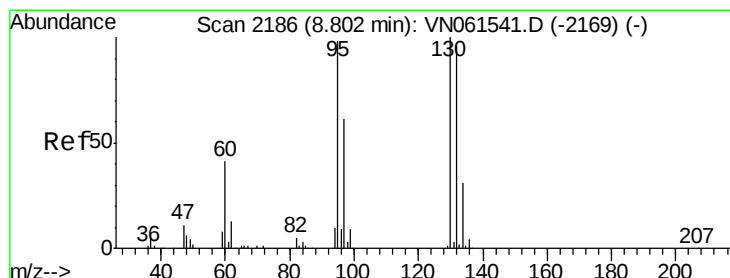
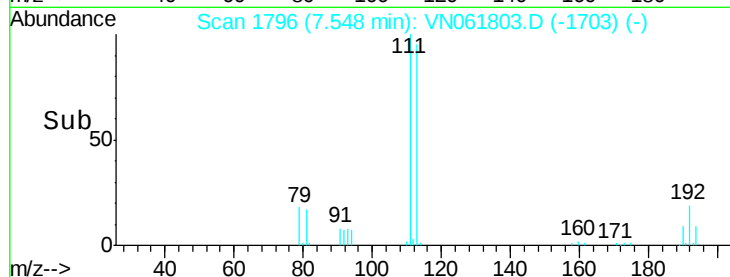
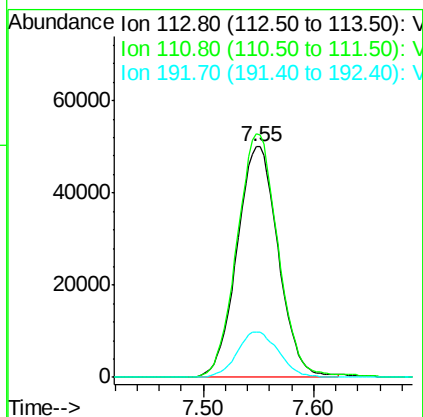
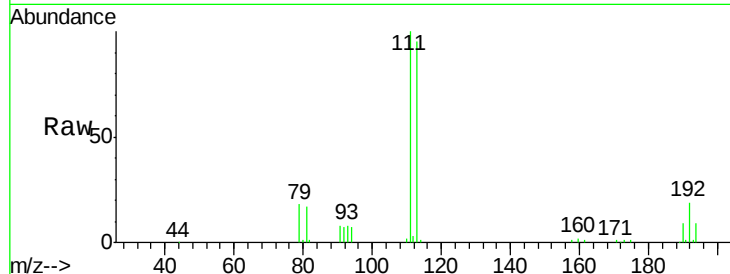




#35
Dibromofluoromethane
Concen: 55.719 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN061803.D
Acq: 12 Jun 2020 19:54

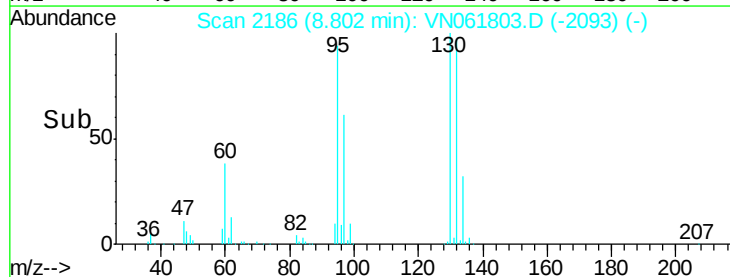
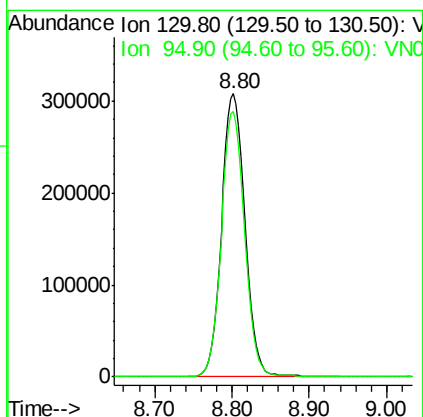
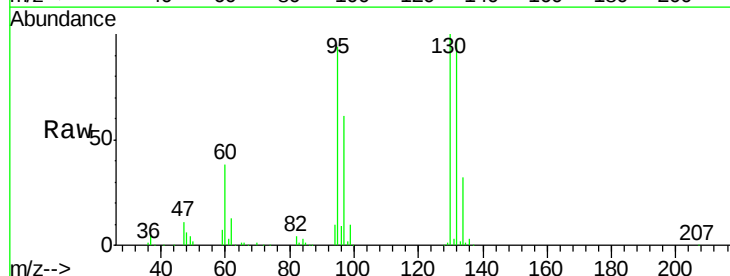
Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20200609

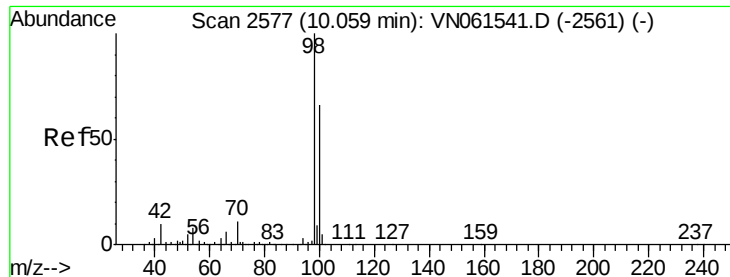
Tot Ion:113 Resp: 129671
Ion Ratio Lower Upper
113 100
111 104.4 83.4 125.0
192 19.9 15.4 23.2



#44
Trichloroethene
Concen: 168.368 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061803.D
Acq: 12 Jun 2020 19:54

Tgt Ion:130 Resp: 648389
Ion Ratio Lower Upper
130 100
95 93.8 0.0 196.6





#50

Toluene-d8

Concen: 51.696 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061803.D

Acq: 12 Jun 2020 19:54

Instrument :

MSVOA_N

ClientSampleId :

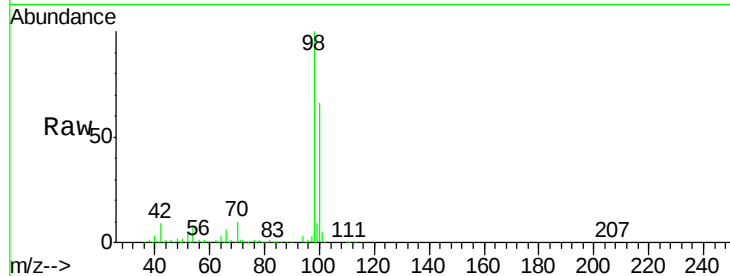
RE125D3-20200609

Tot Ion: 98 Resp: 557522

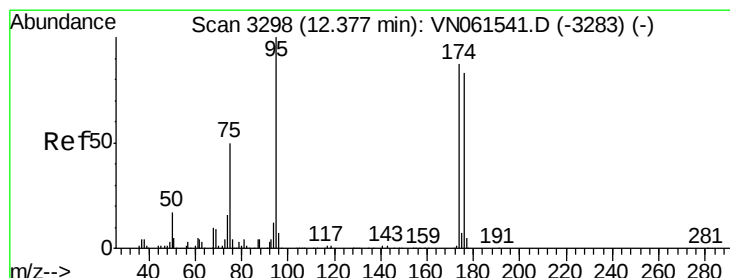
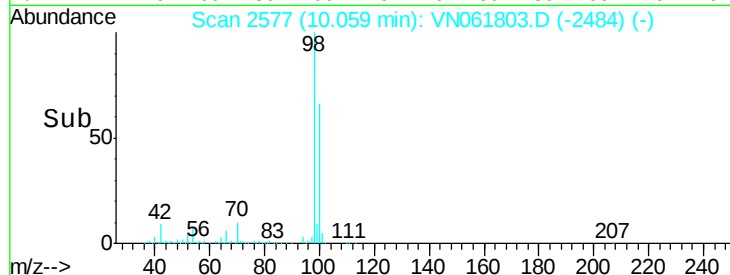
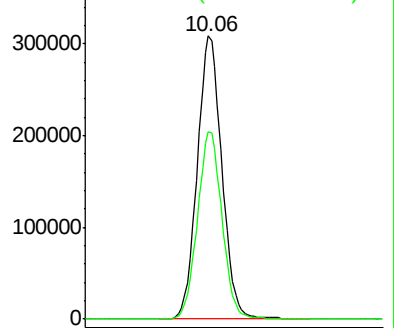
Ion Ratio Lower Upper

98 100

100 66.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061541.D (-2561) (-)



#62

4-Bromofluorobenzene

Concen: 48.440 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061803.D

Acq: 12 Jun 2020 19:54

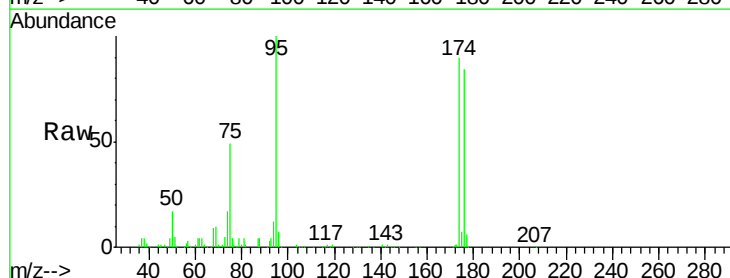
Tgt Ion: 95 Resp: 190594

Ion Ratio Lower Upper

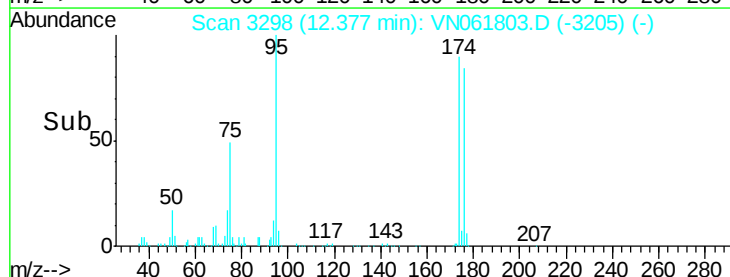
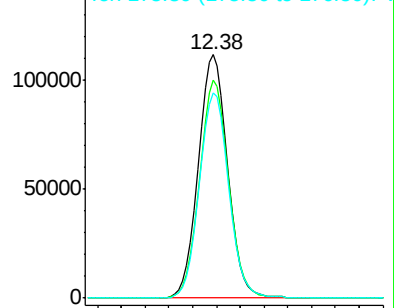
95 100

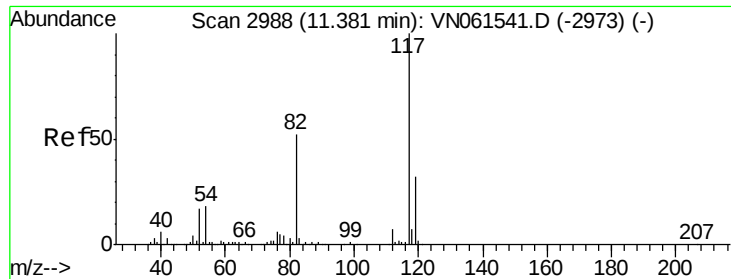
174 88.9 0.0 172.8

176 84.7 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

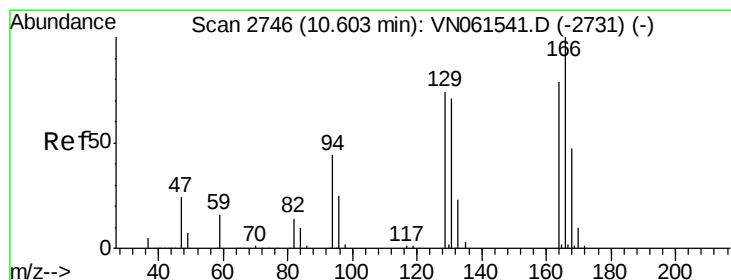
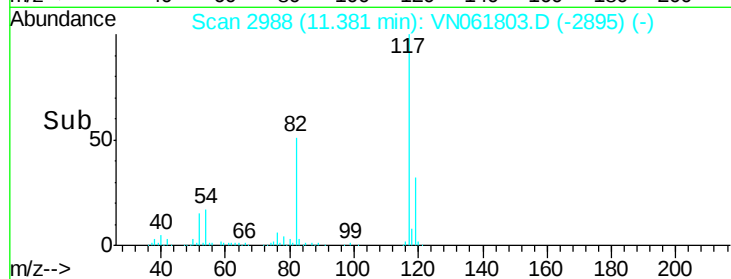
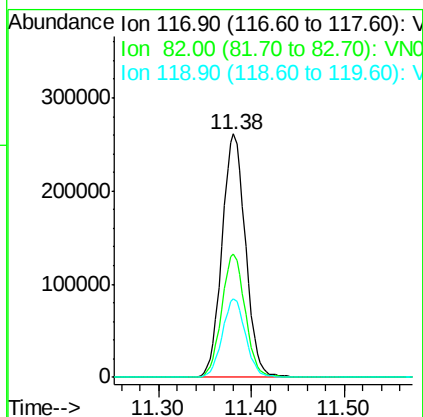
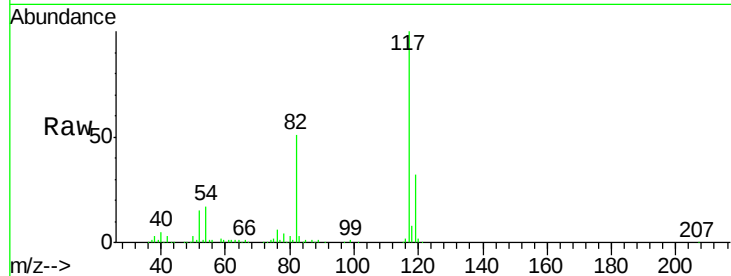




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061803.D
Acq: 12 Jun 2020 19:54

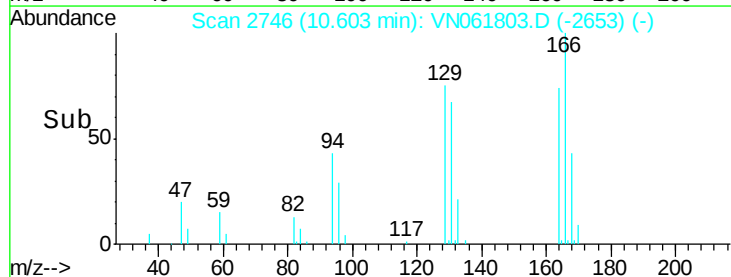
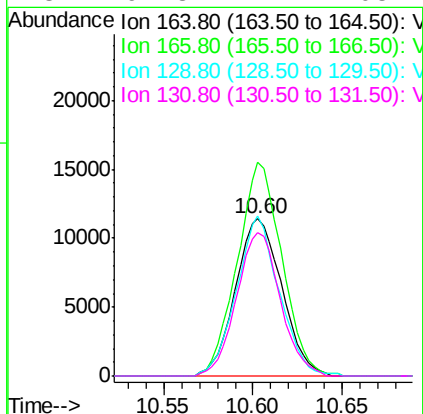
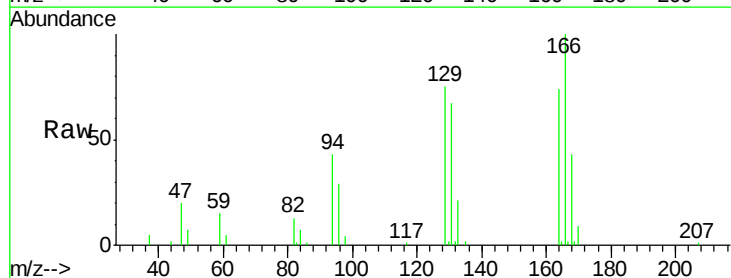
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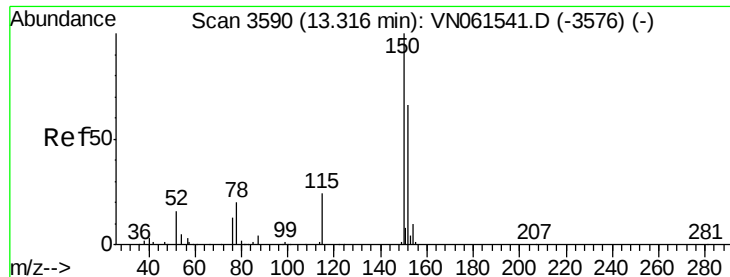
Tot Ion:117 Resp: 459184
Ion Ratio Lower Upper
117 100
82 50.8 41.5 62.3
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 4.805 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061803.D
Acq: 12 Jun 2020 19:54

Tgt Ion:164 Resp: 20769
Ion Ratio Lower Upper
164 100
166 135.8 101.5 152.3
129 101.9 74.9 112.3
131 91.3 72.2 108.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061803.D

Acq: 12 Jun 2020 19:54

Instrument :

MSVOA_N

ClientSampleId :

RE125D3-20200609

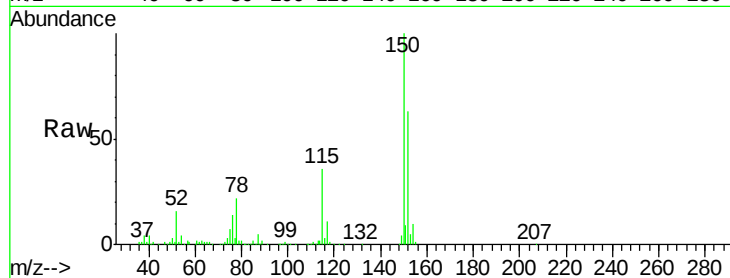
Tot Ion:152 Resp: 200424

Ion Ratio Lower Upper

152 100

115 57.0 28.0 84.0

150 160.7 0.0 344.0



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

