

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061754.D
 Acq On : 11 Jun 2020 18:00
 Operator : JC/MD
 Sample : L2988-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D2-20200609

Quant Time: Jun 12 08:16:42 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	283992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	473180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	469771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	206064	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	157044	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
35) Dibromofluoromethane	7.55	113	131502	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	
50) Toluene-d8	10.06	98	574412	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.38	95	196306	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

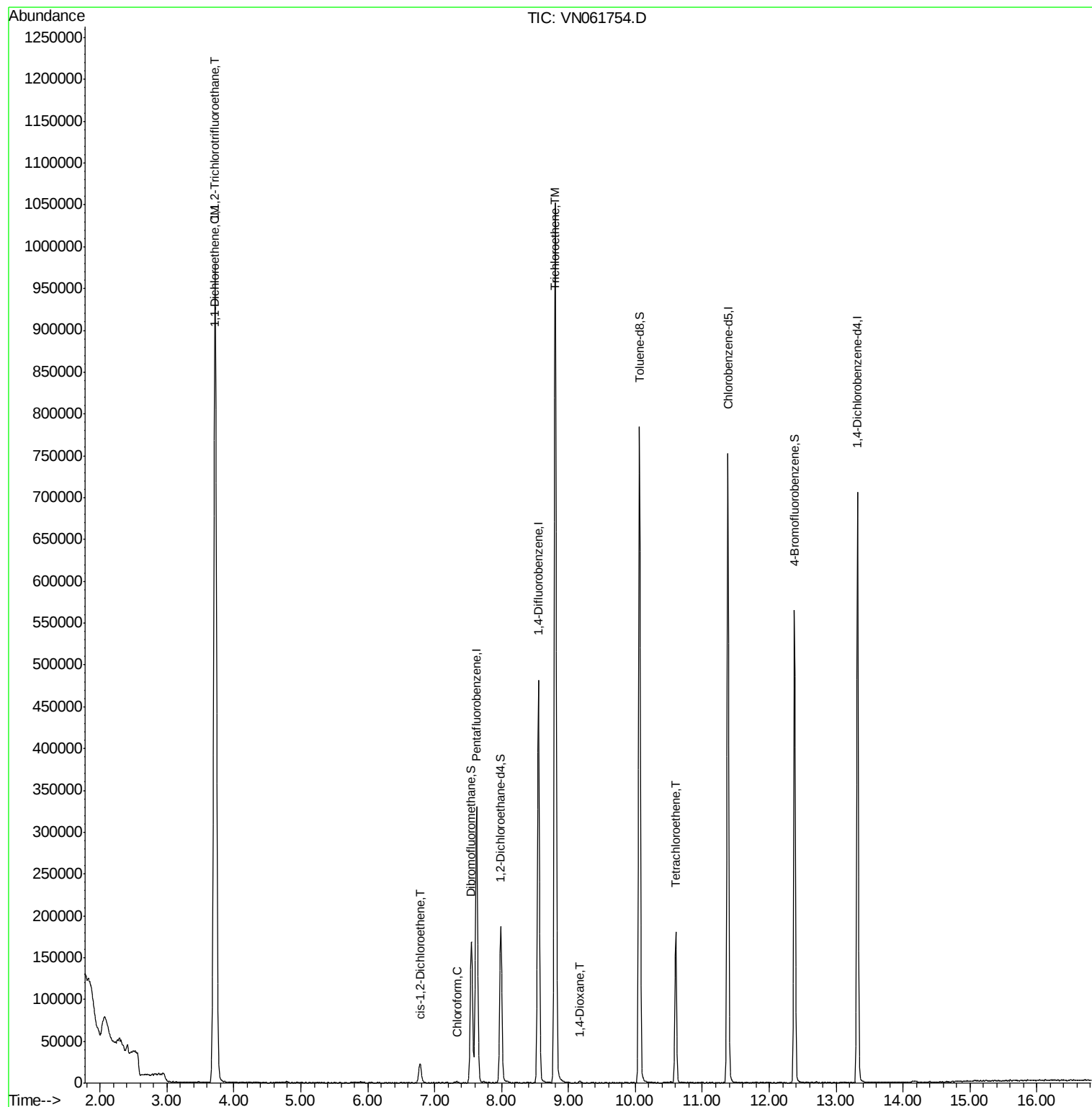
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluoroet	3.72	101	611424	225.103	ug/l	97
12) 1,1-Dichloroethene	3.70	96	6163	2.124	ug/l #	79
27) cis-1,2-Dichloroethene	6.78	96	17773	4.796	ug/l	86
30) Chloroform	7.33	83	2343	0.399	ug/l	93
44) Trichloroethene	8.80	130	409512	103.099	ug/l	94
49) 1,4-Dioxane	9.17	88	1638	38.717	ug/l #	81
64) Tetrachloroethene	10.60	164	43705	9.883	ug/l	97

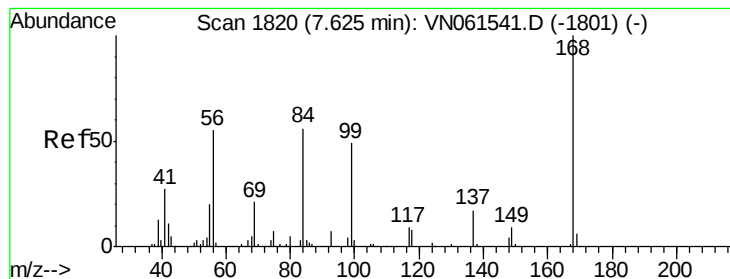
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 12 08:16:42 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061754.D

Acq: 11 Jun 2020 18:00

Instrument :

MSVOA_N

ClientSampleId :

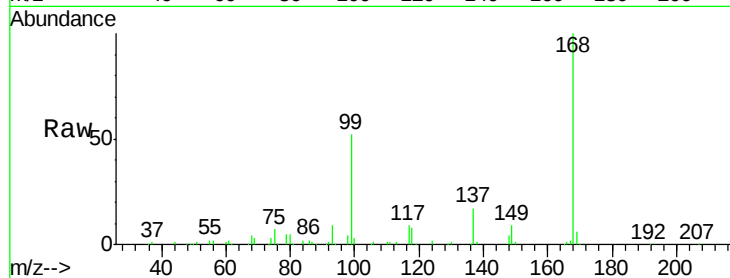
RE131D2-20200609

Tot Ion:168 Resp: 283992

Ion Ratio Lower Upper

168 100

99 52.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

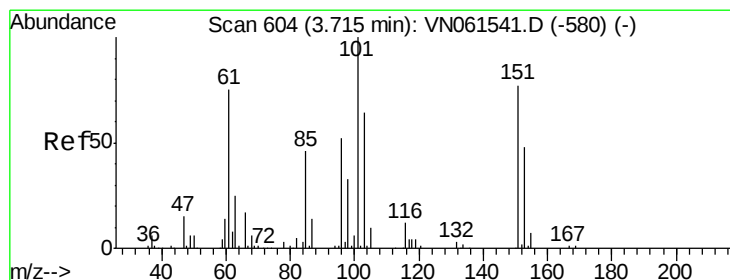
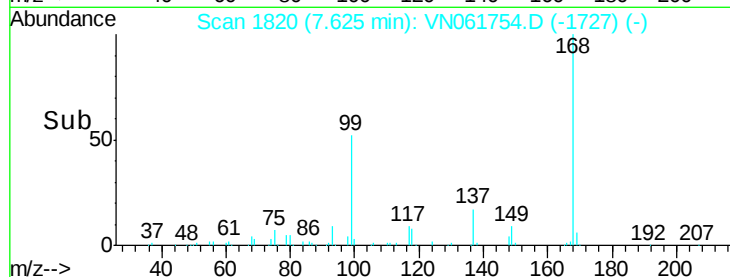
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 225.103 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061754.D

Acq: 11 Jun 2020 18:00

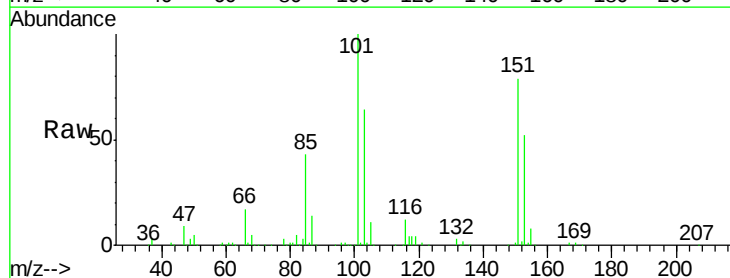
Tgt Ion:101 Resp: 611424

Ion Ratio Lower Upper

101 100

85 43.4 35.2 52.8

151 79.5 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

250000

200000

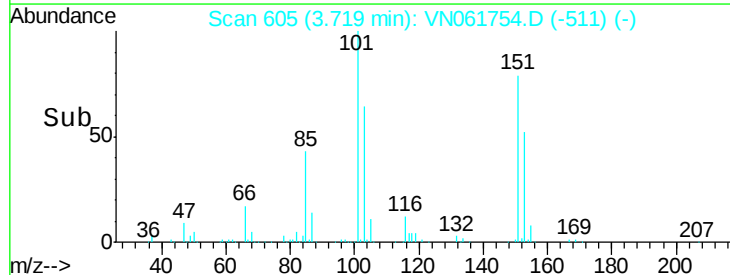
150000

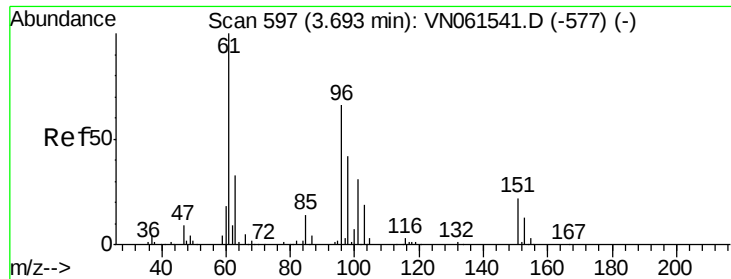
100000

50000

0

Time--> 3.60 3.70 3.80





#12

1,1-Dichloroethene

Concen: 2.124 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.01 min

Lab File: VN061754.D

Acq: 11 Jun 2020 18:00

Instrument :

MSVOA_N

ClientSampleId :

RE131D2-20200609

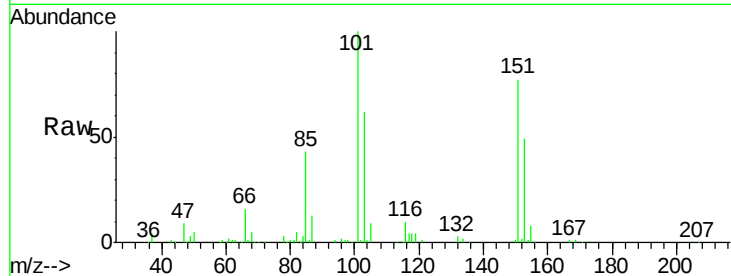
Tot Ion: 96 Resp: 6163

Ion Ratio Lower Upper

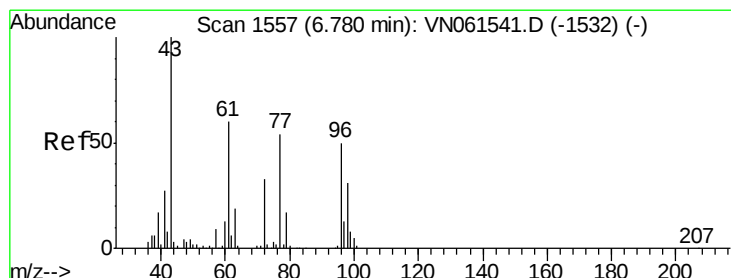
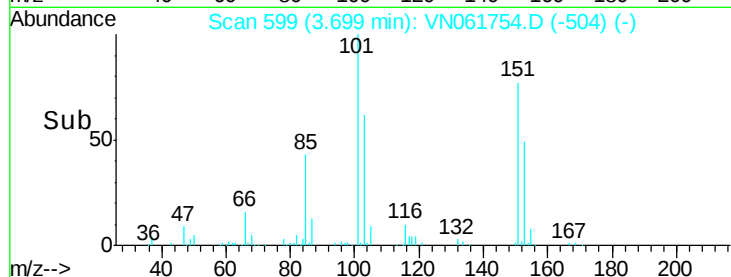
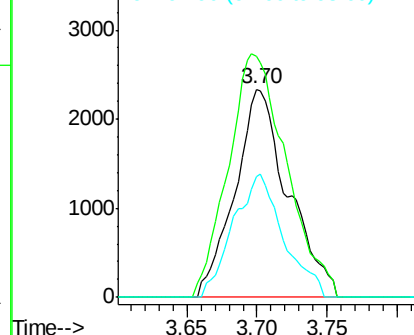
96 100

61 115.7 120.5 180.7#

98 58.3 50.8 76.2



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



#27

cis-1,2-Dichloroethene

Concen: 4.796 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061754.D

Acq: 11 Jun 2020 18:00

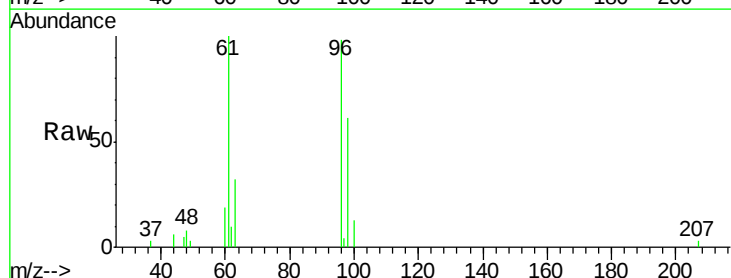
Tgt Ion: 96 Resp: 17773

Ion Ratio Lower Upper

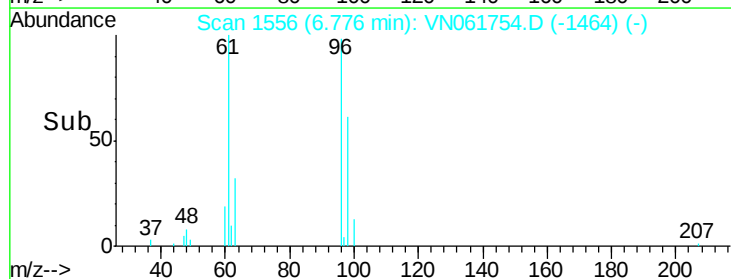
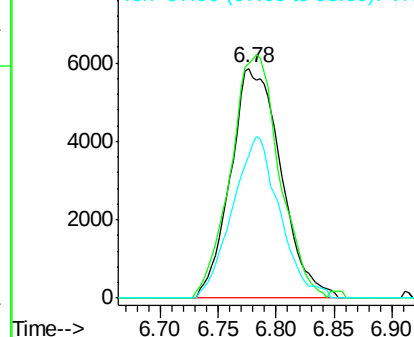
96 100

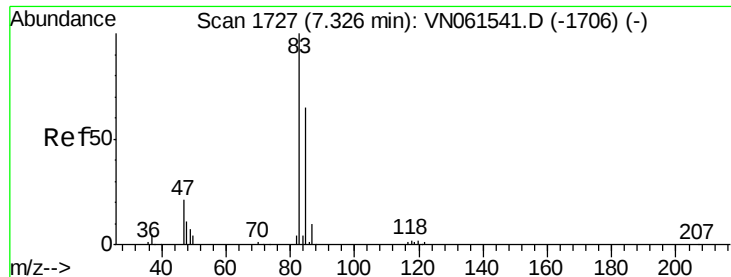
61 102.2 0.0 252.2

98 65.6 0.0 129.2



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

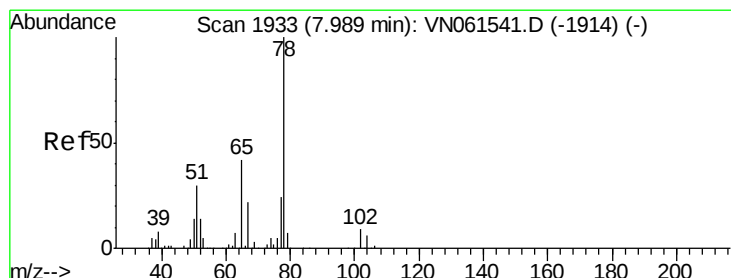
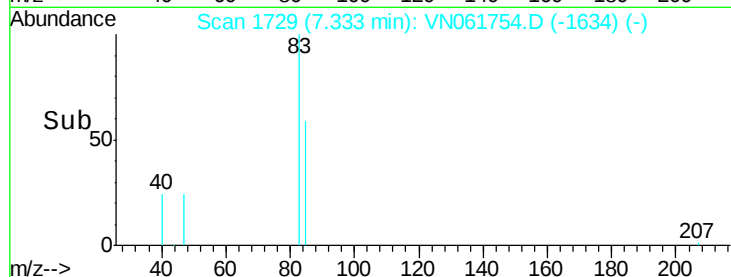
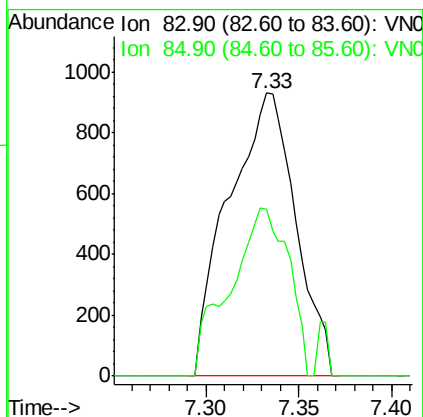
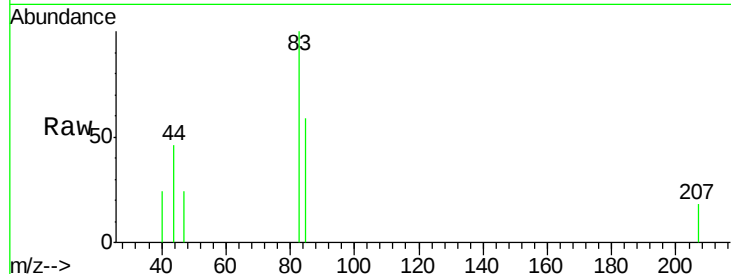




#30
Chloroform
Concen: 0.399 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.01 min
Lab File: VN061754.D
Acq: 11 Jun 2020 18:00

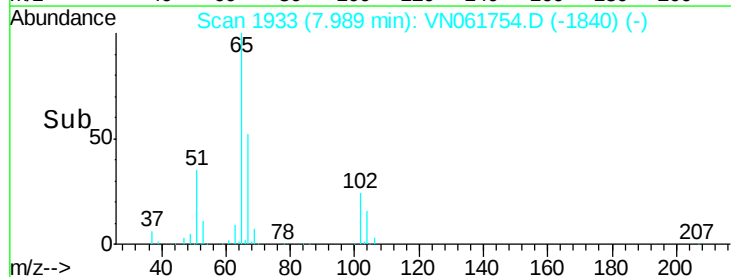
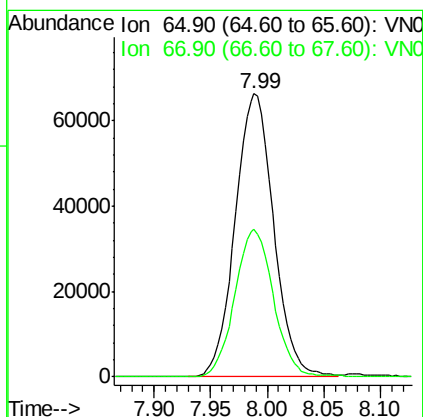
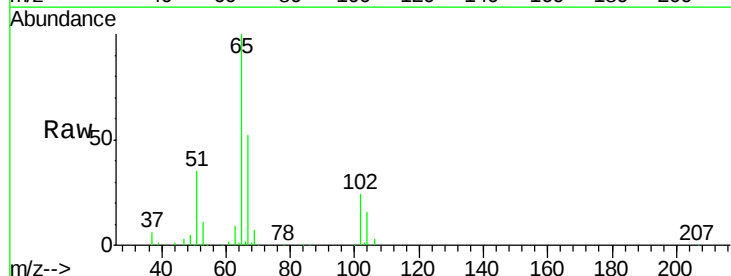
Instrument :
MSVOA_N
ClientSampleId :
RE131D2-20200609

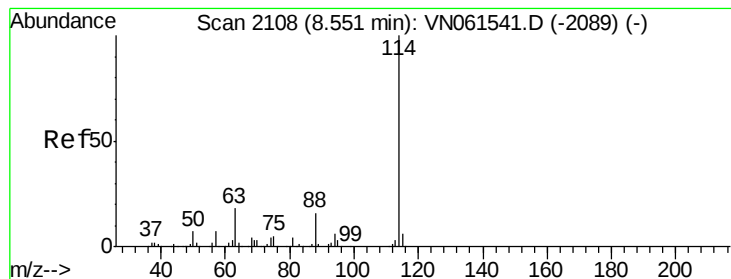
Tot Ion: 83 Resp: 2343
Ion Ratio Lower Upper
83 100
85 58.8 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 46.413 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN061754.D
Acq: 11 Jun 2020 18:00

Tgt Ion: 65 Resp: 157044
Ion Ratio Lower Upper
65 100
67 52.4 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: VN061754.D

Acq: 11 Jun 2020 18:00

Instrument :

MSVOA_N

ClientSampleId :

RE131D2-20200609

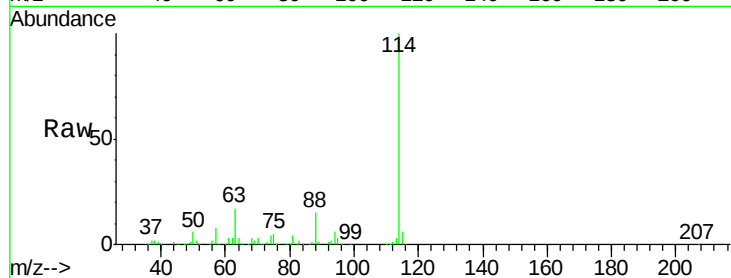
Tot Ion:114 Resp: 473180

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.8

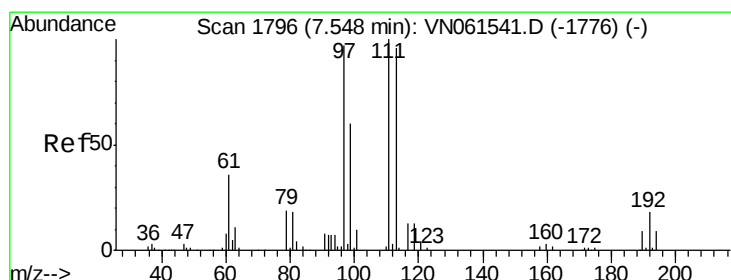
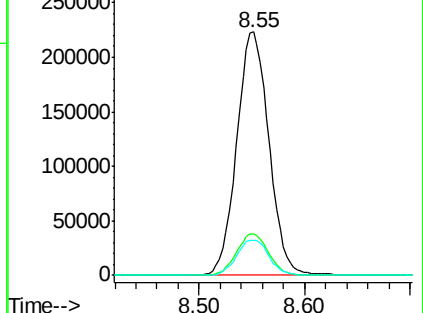
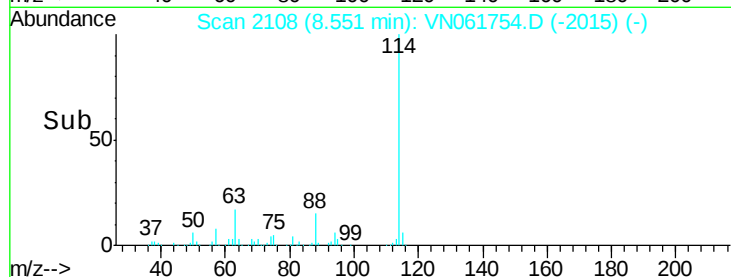
88 14.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 54.784 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061754.D

Acq: 11 Jun 2020 18:00

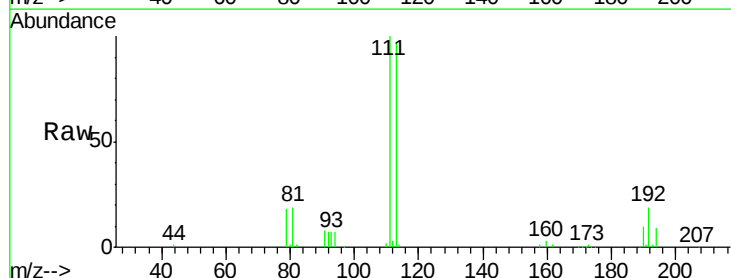
Tgt Ion:113 Resp: 131502

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.0

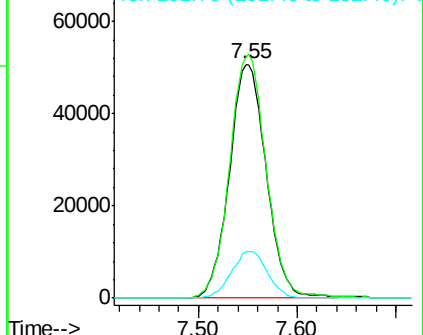
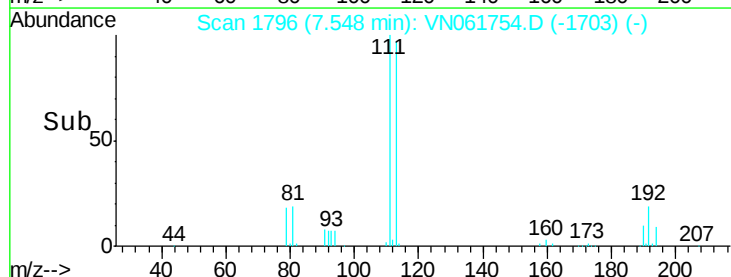
192 19.7 15.4 23.2

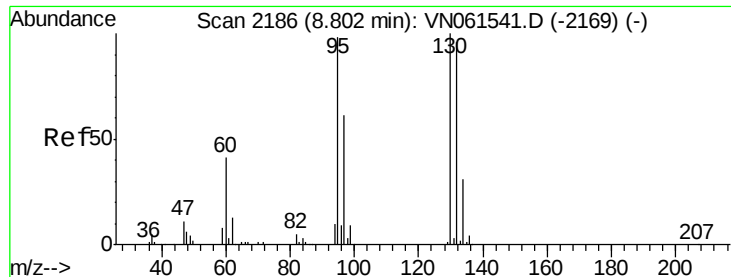


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 103.099 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061754.D

Acq: 11 Jun 2020 18:00

Instrument :

MSVOA_N

ClientSampleId :

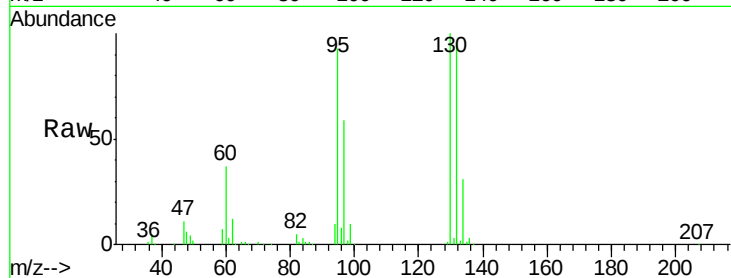
RE131D2-20200609

Tot Ion:130 Resp: 409512

Ion Ratio Lower Upper

130 100

95 92.5 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO

8.80

200000

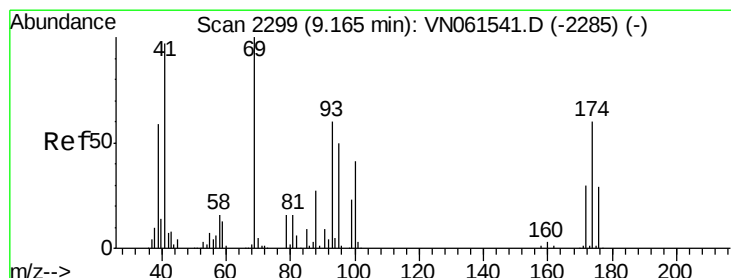
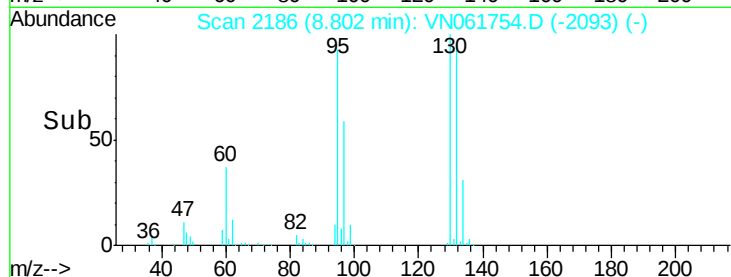
150000

100000

50000

0

Time-->



#49

1,4-Dioxane

Concen: 38.717 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN061754.D

Acq: 11 Jun 2020 18:00

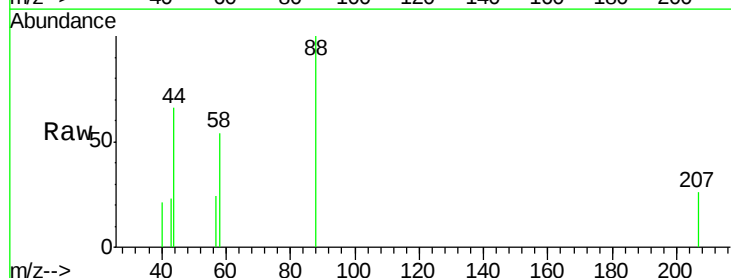
Tgt Ion: 88 Resp: 1638

Ion Ratio Lower Upper

88 100

43 15.2 23.1 34.7#

58 47.9 48.3 72.5#



Abundance Ion 88.00 (87.70 to 88.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

9.17

1000

800

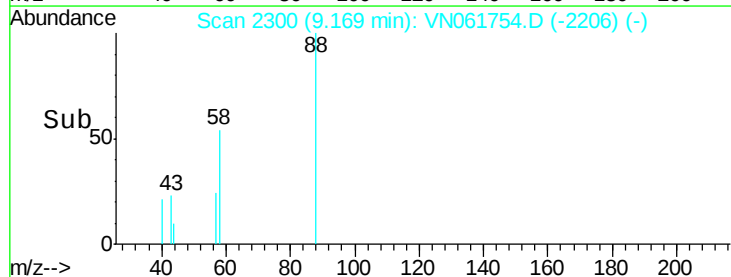
600

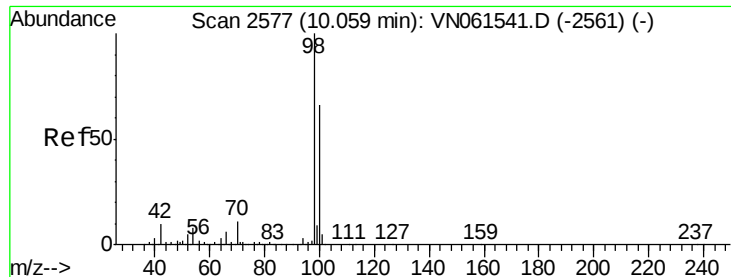
400

200

0

Time-->





#50

Toluene-d8

Concen: 51.639 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.00 min

Lab File: VN061754.D

Acq: 11 Jun 2020 18:00

Instrument :

MSVOA_N

ClientSampleId :

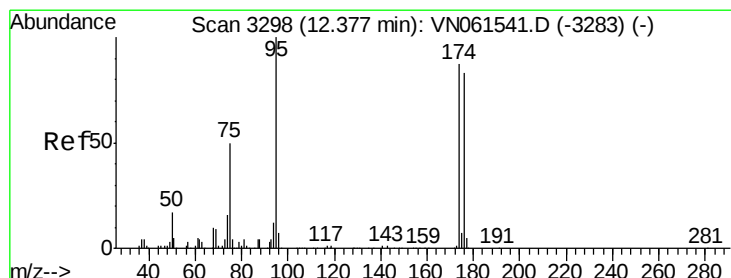
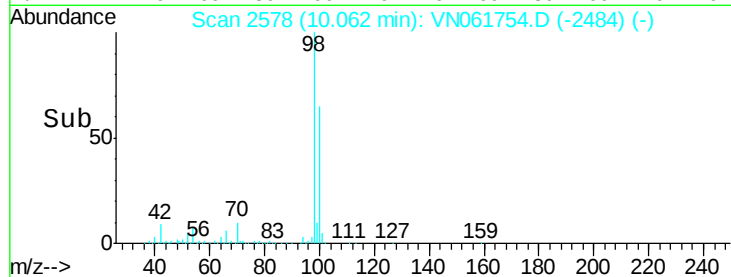
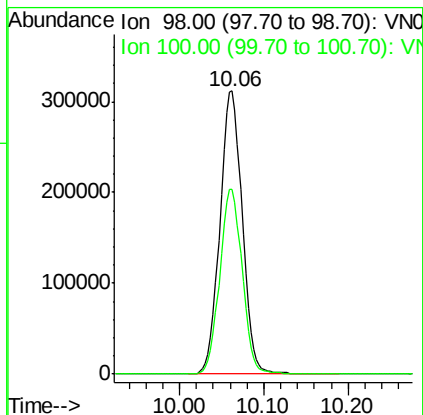
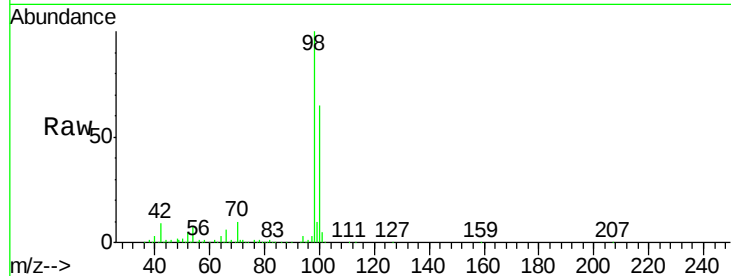
RE131D2-20200609

Tot Ion: 98 Resp: 574412

Ion Ratio Lower Upper

98 100

100 65.7 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 48.372 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061754.D

Acq: 11 Jun 2020 18:00

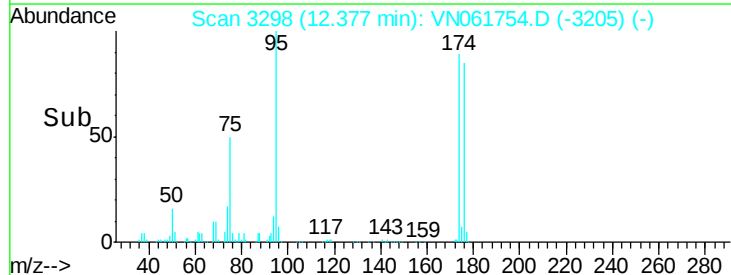
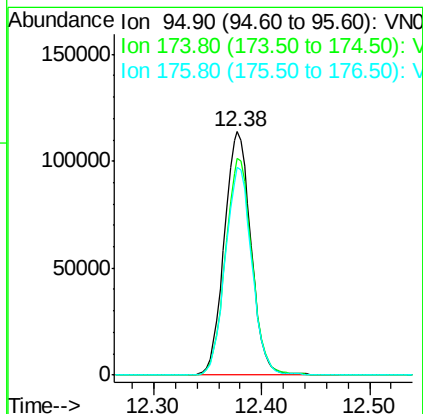
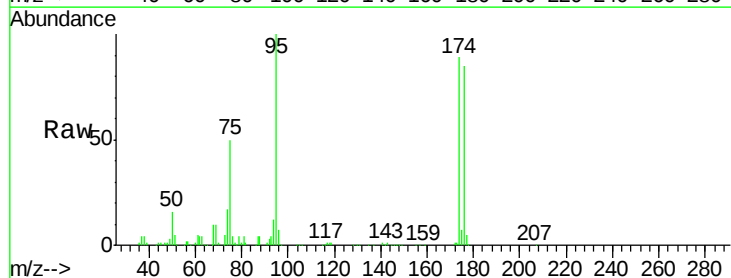
Tgt Ion: 95 Resp: 196306

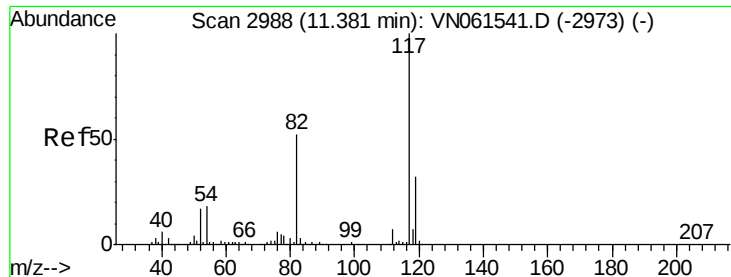
Ion Ratio Lower Upper

95 100

174 88.4 0.0 172.8

176 84.9 0.0 164.8

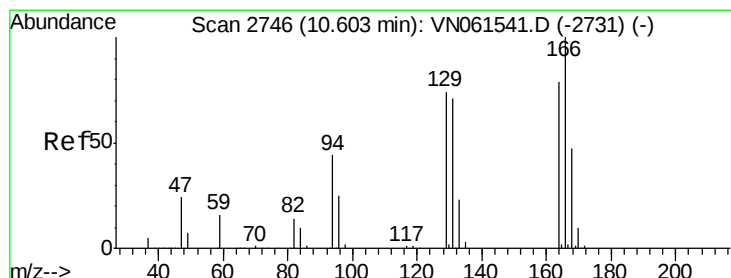
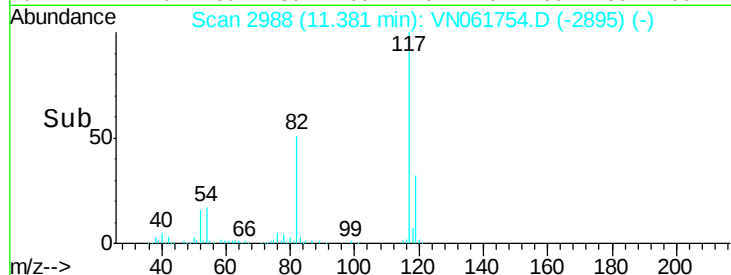
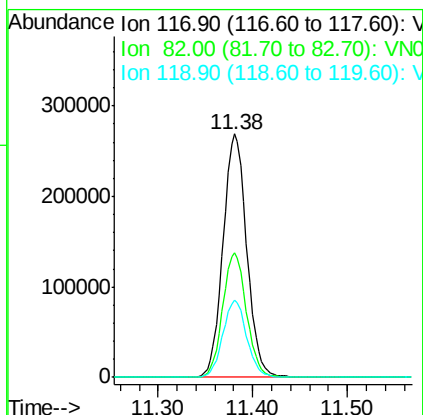
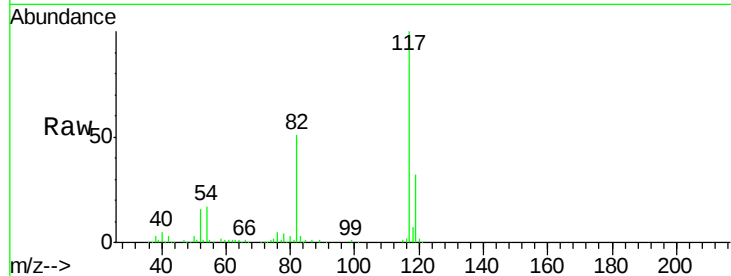




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061754.D
Acq: 11 Jun 2020 18:00

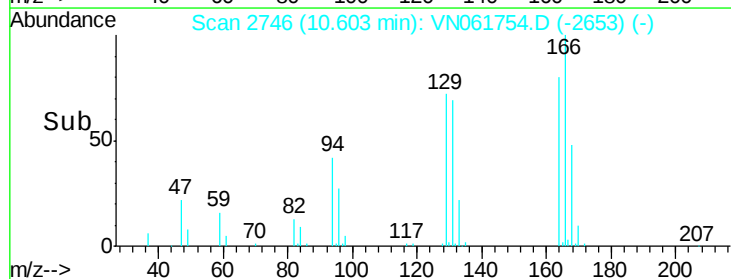
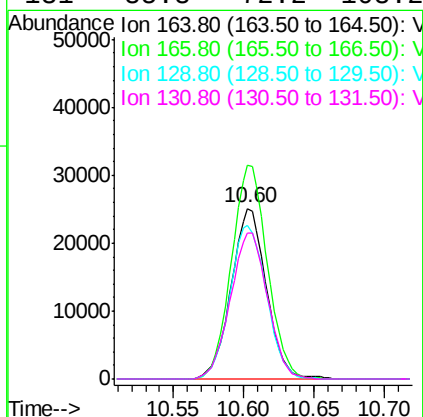
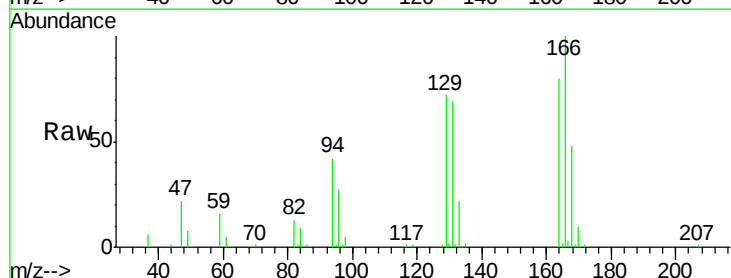
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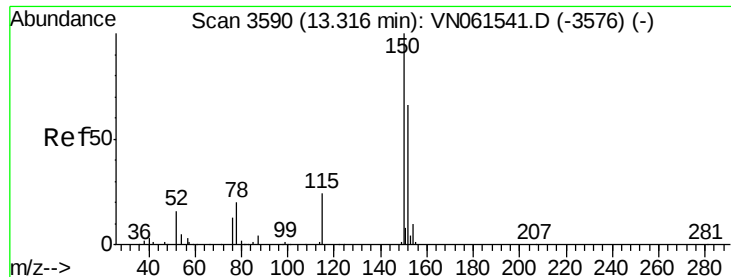
Tot Ion:117 Resp: 469771
Ion Ratio Lower Upper
117 100
82 51.0 41.5 62.3
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 9.883 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061754.D
Acq: 11 Jun 2020 18:00

Tgt Ion:164 Resp: 43705
Ion Ratio Lower Upper
164 100
166 125.2 101.5 152.3
129 90.0 74.9 112.3
131 85.8 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: VN061754.D

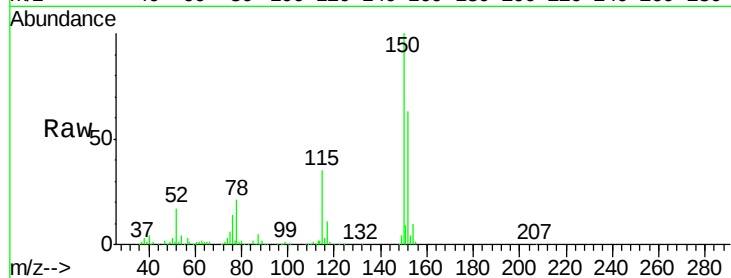
Acq: 11 Jun 2020 18:00

Instrument :

MSVOA_N

ClientSampleId :

RE131D2-20200609



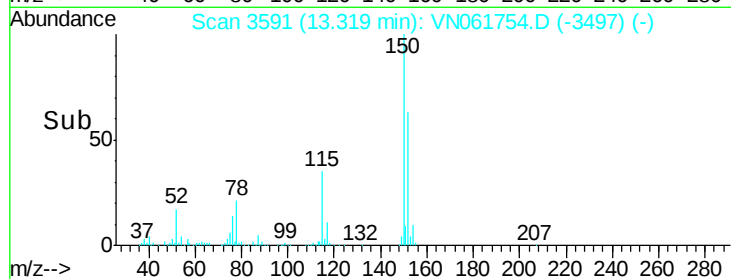
Tot Ion:152 Resp: 206064

Ion Ratio Lower Upper

152 100

115 55.6 28.0 84.0

150 157.5 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

