

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061753.D
 Acq On : 11 Jun 2020 17:37
 Operator : JC/MD
 Sample : L2988-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D4-20200609

Quant Time: Jun 12 08:07:06 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

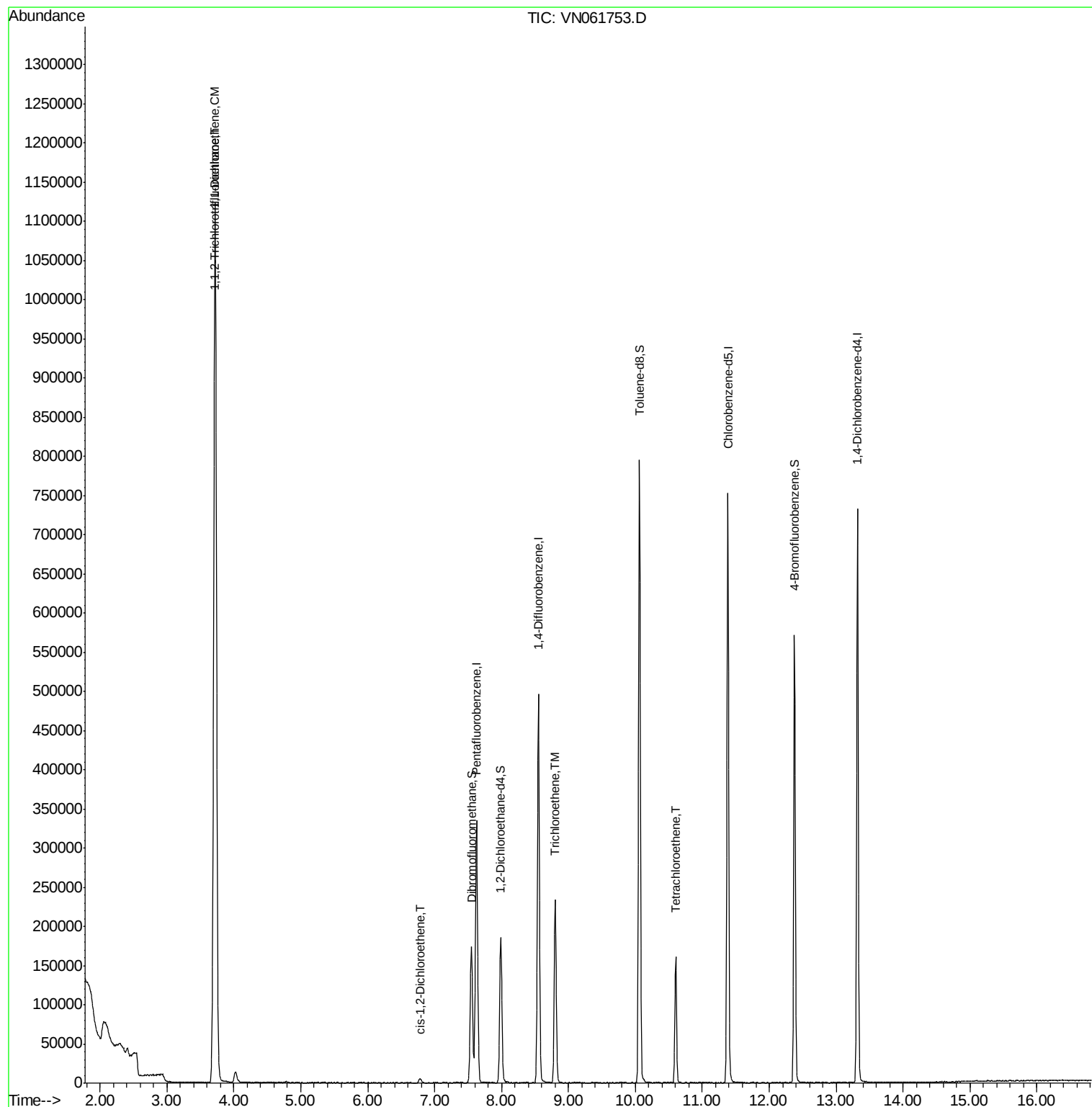
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	281279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	482700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	472354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	211969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	159085	47.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.94%	
35) Dibromofluoromethane	7.55	113	135452	55.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.64%	
50) Toluene-d8	10.06	98	583530	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.38	95	200389	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.72	101	705745	262.334	ug/l	97
12) 1,1-Dichloroethene	3.70	96	4878	1.697	ug/l #	66
27) cis-1,2-Dichloroethene	6.78	96	3378	0.920	ug/l	83
44) Trichloroethene	8.80	130	93081	22.972	ug/l	92
64) Tetrachloroethene	10.60	164	39523	8.889	ug/l	99

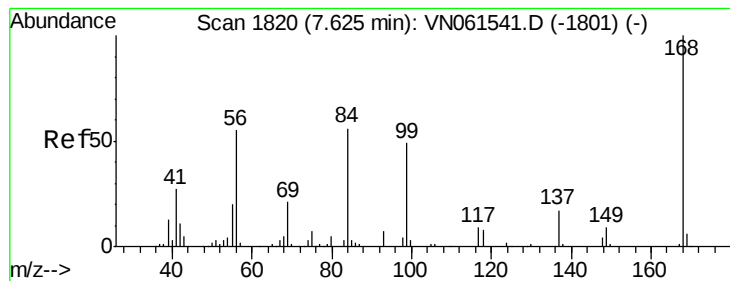
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061753.D

Acq: 11 Jun 2020 17:37

Instrument :

MSVOA_N

ClientSampleId :

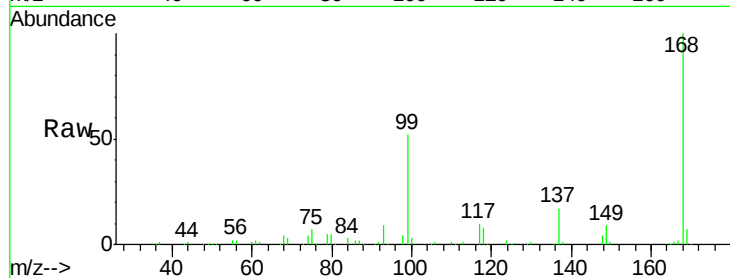
RE134D4-20200609

Tot Ion:168 Resp: 281279

Ion Ratio Lower Upper

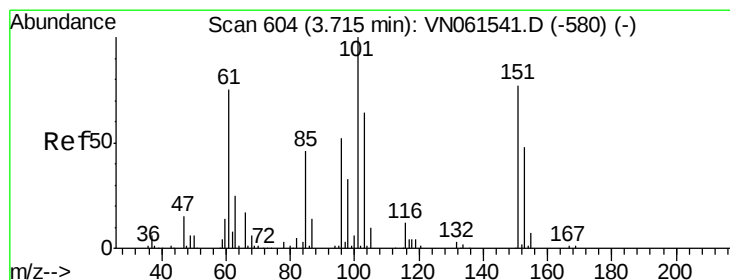
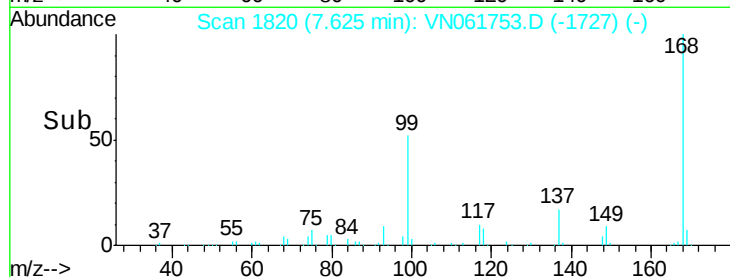
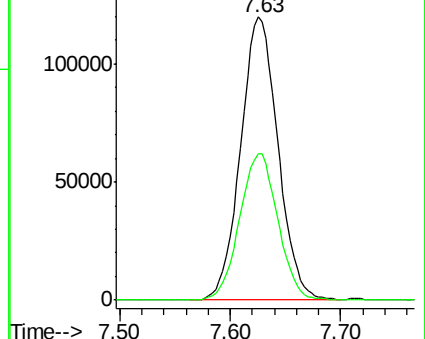
168 100

99 51.8 45.0 67.4



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: 262.334 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061753.D

Acq: 11 Jun 2020 17:37

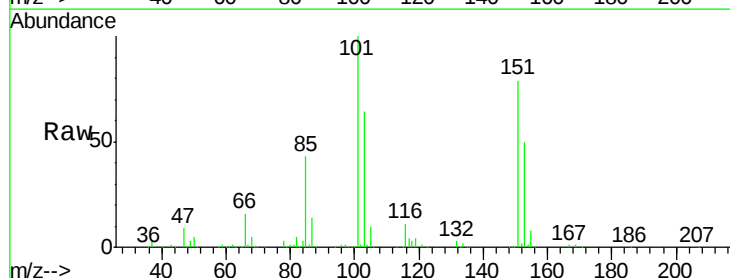
Tgt Ion:101 Resp: 705745

Ion Ratio Lower Upper

101 100

85 42.9 35.2 52.8

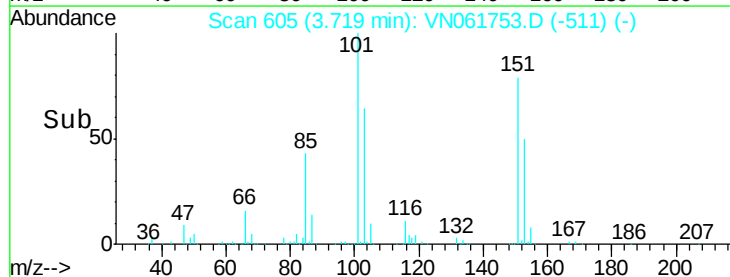
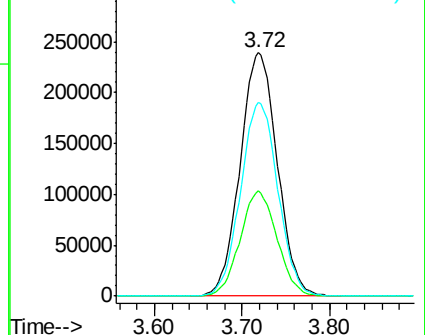
151 79.9 61.0 91.6

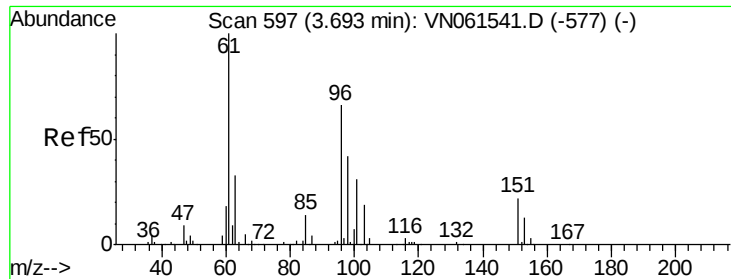


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.697 ug/l

RT: 3.70 min Scan# 600

Delta R.T. 0.01 min

Lab File: VN061753.D

Acq: 11 Jun 2020 17:37

Instrument :

MSVOA_N

ClientSampleId :

RE134D4-20200609

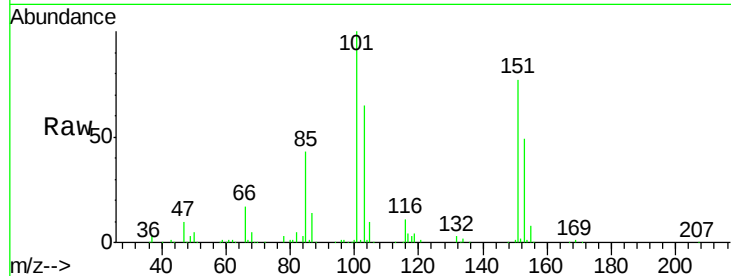
Tot Ion: 96 Resp: 4878

Ion Ratio Lower Upper

96 100

61 100.2 120.5 180.7#

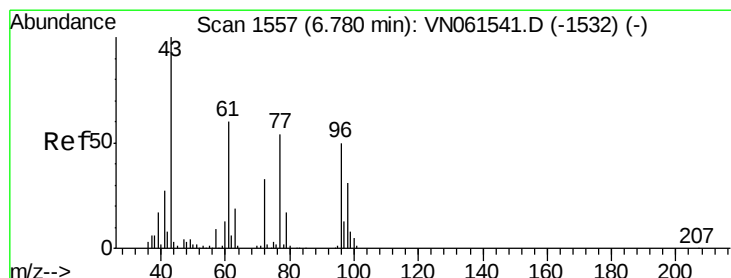
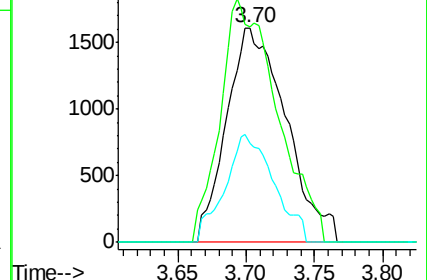
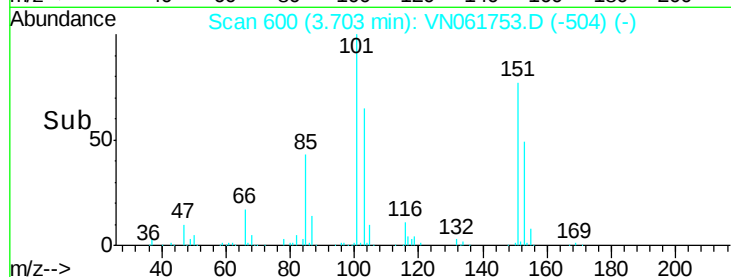
98 46.3 50.8 76.2#



Abundance Ion 95.90 (95.60 to 96.60): VN061753.D (-504) (-)

Ion 60.90 (60.60 to 61.60): VN061753.D (-504) (-)

Ion 97.90 (97.60 to 98.60): VN061753.D (-504) (-)



#27

cis-1,2-Dichloroethene

Concen: 0.920 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061753.D

Acq: 11 Jun 2020 17:37

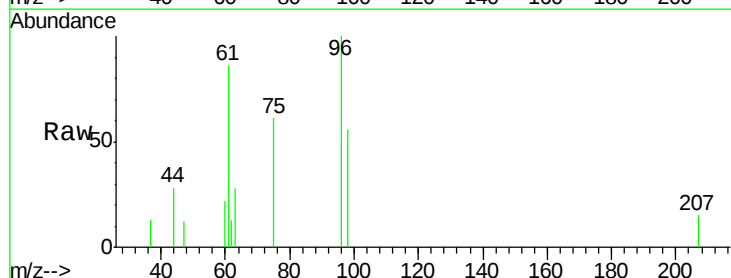
Tgt Ion: 96 Resp: 3378

Ion Ratio Lower Upper

96 100

61 99.0 0.0 252.2

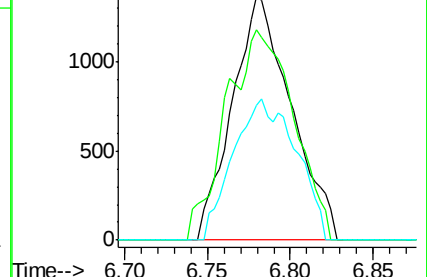
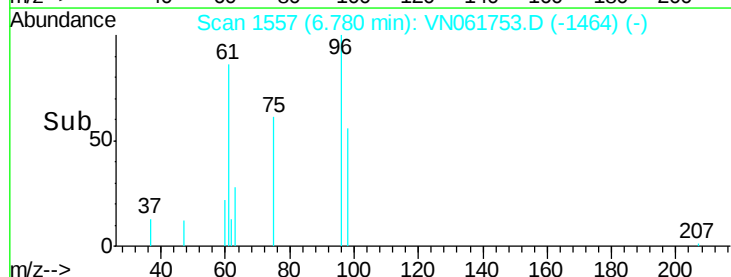
98 62.1 0.0 129.2

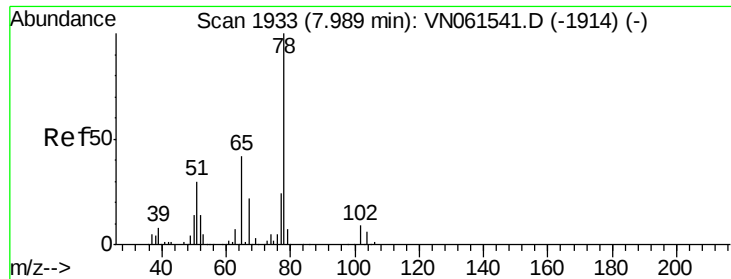


Abundance Ion 95.90 (95.60 to 96.60): VN061753.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN061753.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN061753.D (-1464) (-)

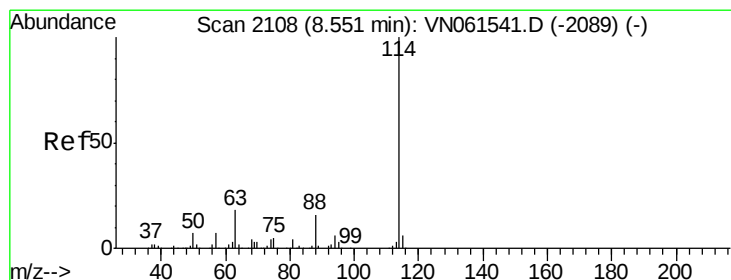
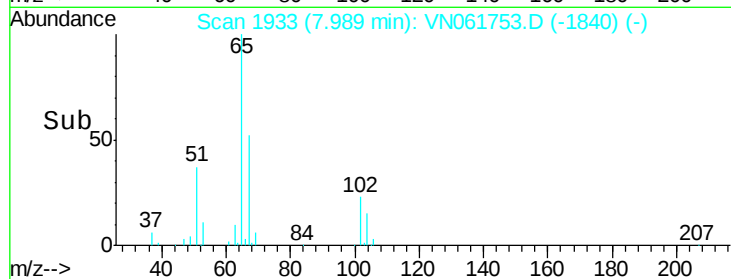
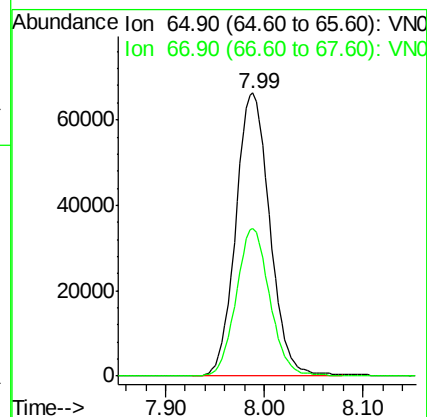
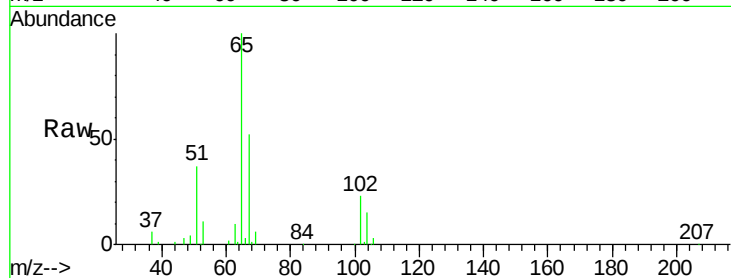




#33
 1,2-Dichloroethane-d4
 Concen: 47.470 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061753.D
 Acq: 11 Jun 2020 17:37

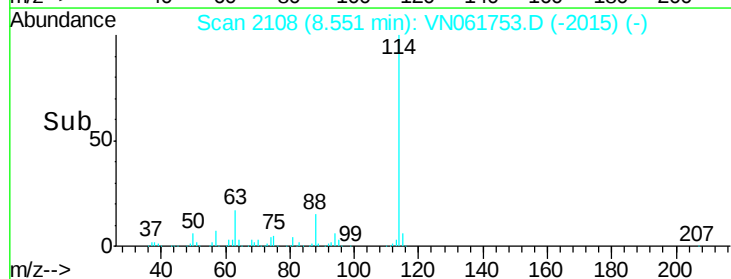
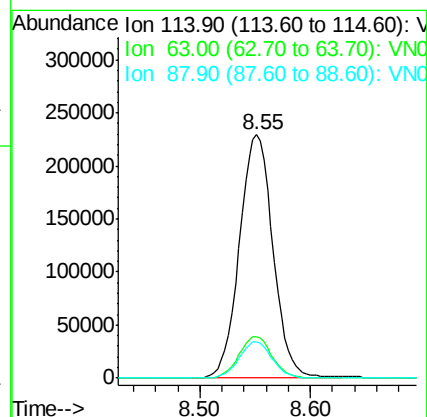
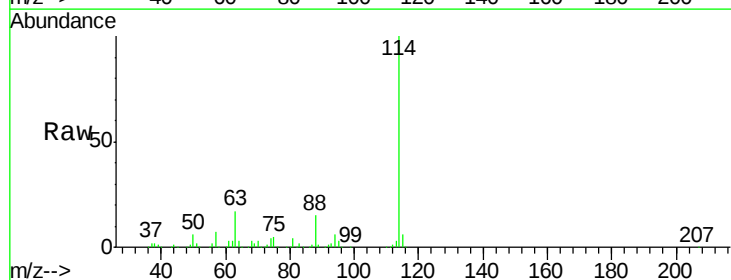
Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D4-20200609

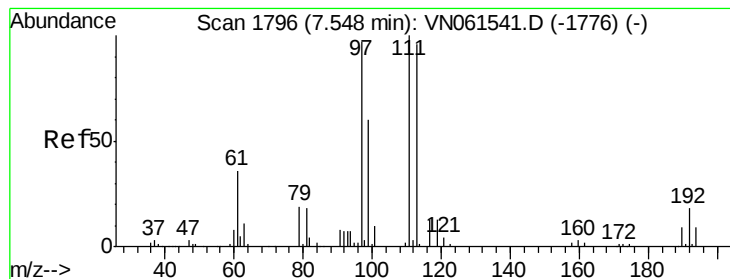
Tot Ion: 65 Resp: 159085
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061753.D
 Acq: 11 Jun 2020 17:37

Tgt Ion: 114 Resp: 482700
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.8
 88 14.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 55.317 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061753.D

Acq: 11 Jun 2020 17:37

Instrument :

MSVOA_N

ClientSampleId :

RE134D4-20200609

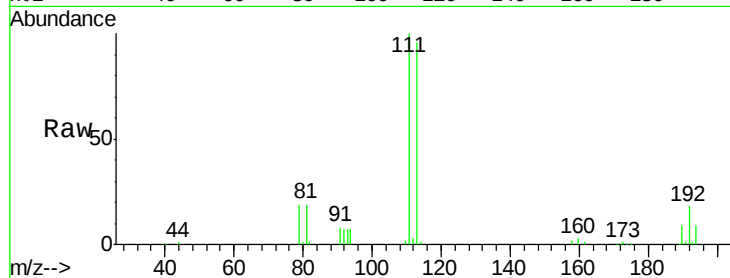
Tot Ion:113 Resp: 135452

Ion Ratio Lower Upper

113 100

111 101.1 83.4 125.0

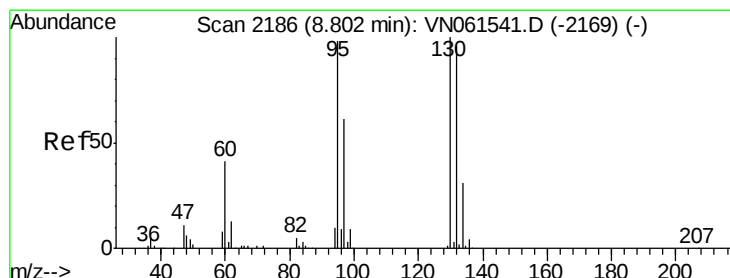
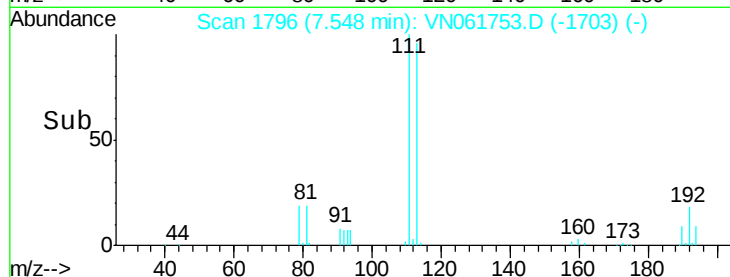
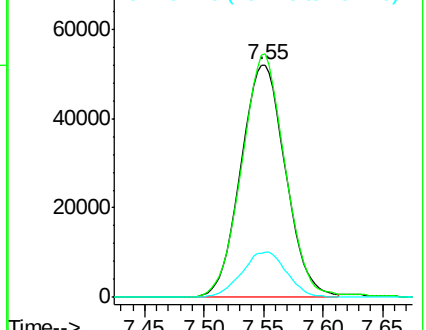
192 19.6 15.4 23.2



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: 22.972 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061753.D

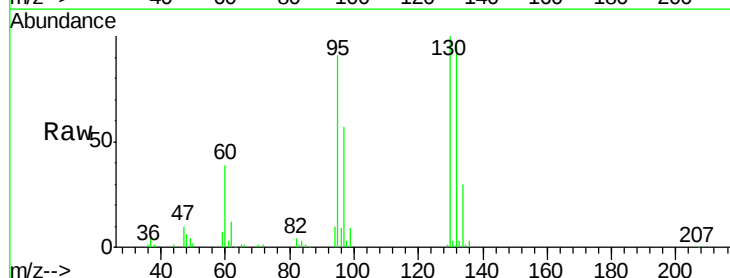
Acq: 11 Jun 2020 17:37

Tgt Ion:130 Resp: 93081

Ion Ratio Lower Upper

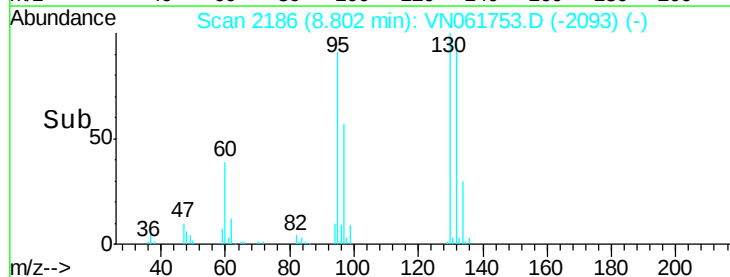
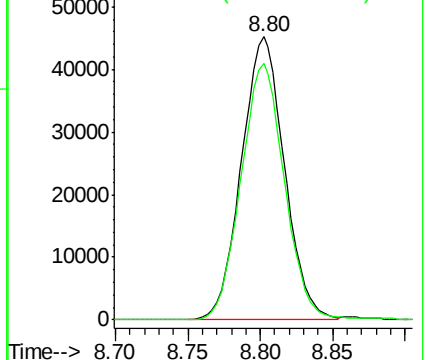
130 100

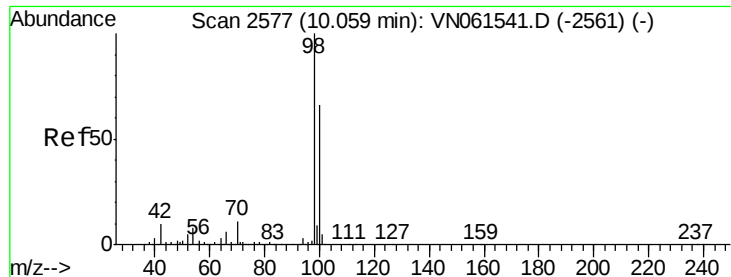
95 90.6 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#50

Toluene-d8

Concen: 51.424 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061753.D

Acq: 11 Jun 2020 17:37

Instrument :

MSVOA_N

ClientSampleId :

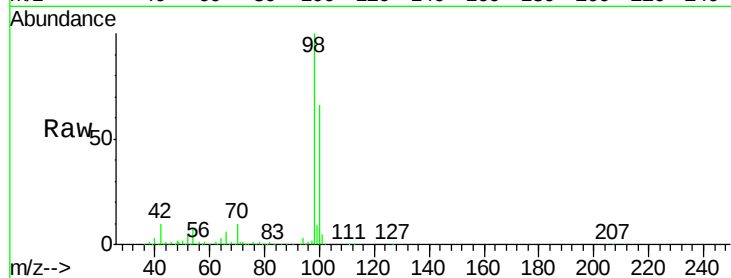
RE134D4-20200609

Tot Ion: 98 Resp: 583530

Ion Ratio Lower Upper

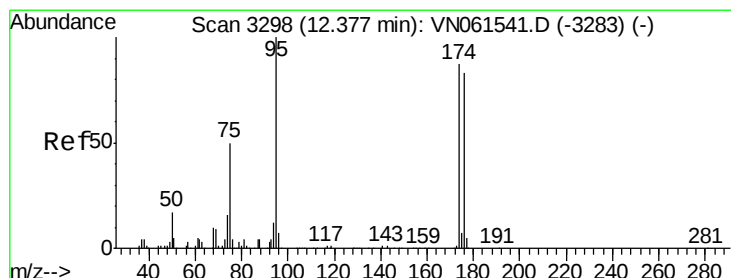
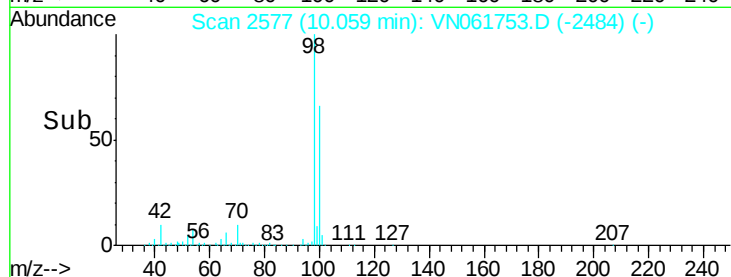
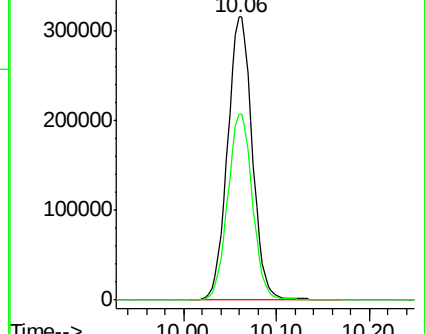
98 100

100 65.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 48.404 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061753.D

Acq: 11 Jun 2020 17:37

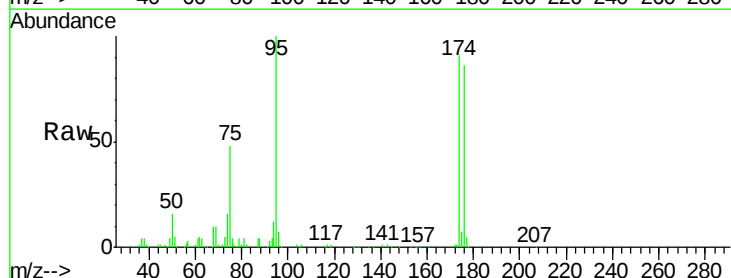
Tgt Ion: 95 Resp: 200389

Ion Ratio Lower Upper

95 100

174 88.2 0.0 172.8

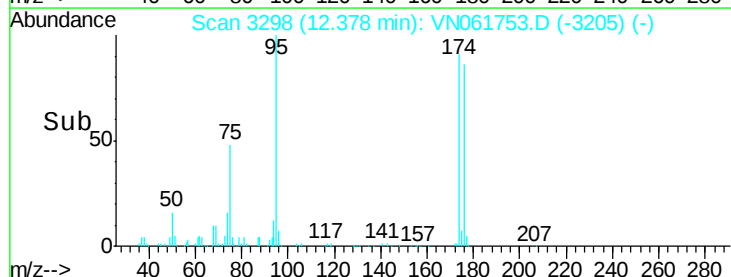
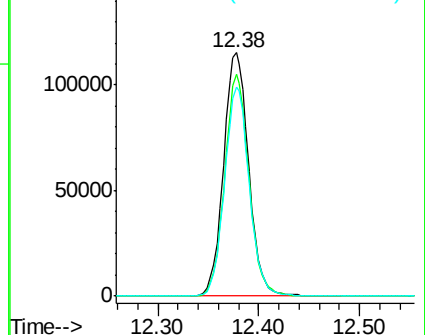
176 84.4 0.0 164.8

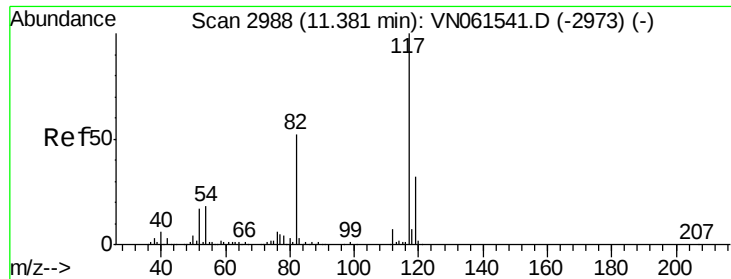


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

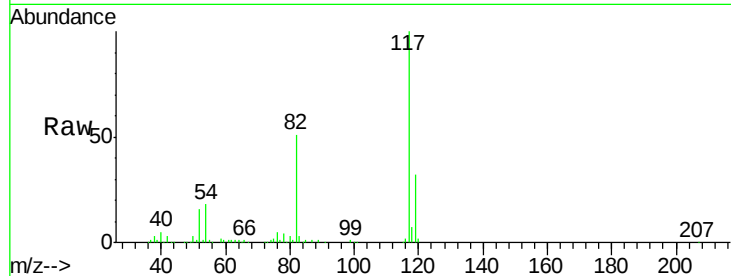




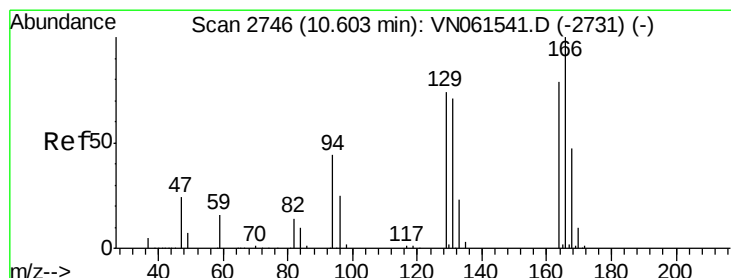
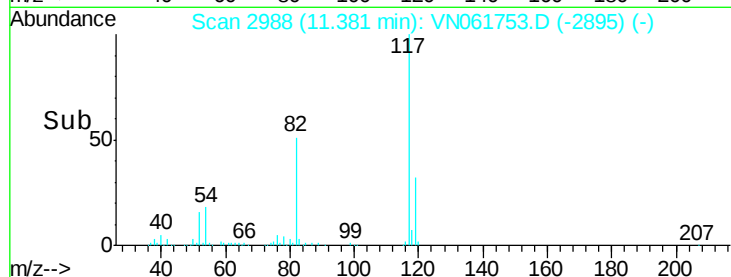
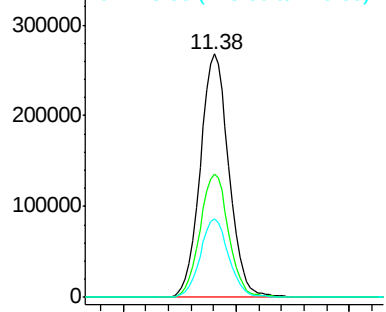
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061753.D
Acq: 11 Jun 2020 17:37

Instrument :
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Tot Ion:117 Resp: 472354
Ion Ratio Lower Upper
117 100
82 50.7 41.5 62.3
119 32.1 25.6 38.4

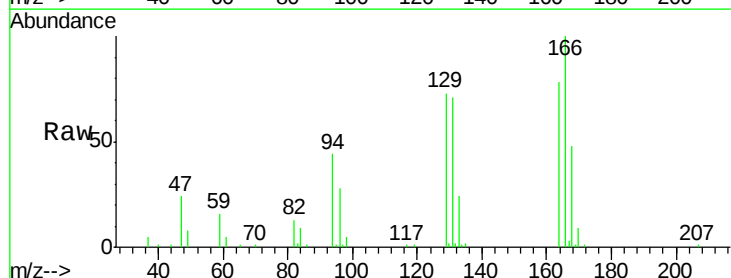


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

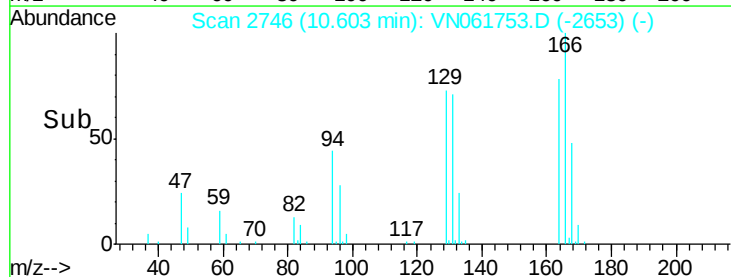
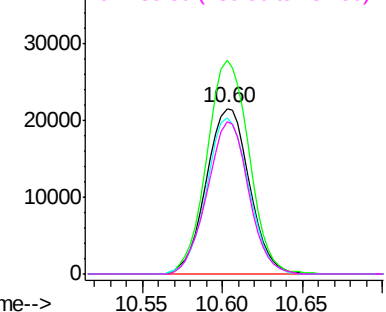


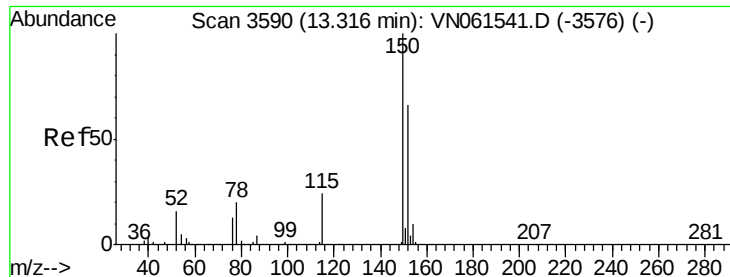
#64
Tetrachloroethene
Concen: 8.889 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061753.D
Acq: 11 Jun 2020 17:37

Tgt Ion:164 Resp: 39523
Ion Ratio Lower Upper
164 100
166 129.0 101.5 152.3
129 94.5 74.9 112.3
131 91.7 72.2 108.2



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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061753.D

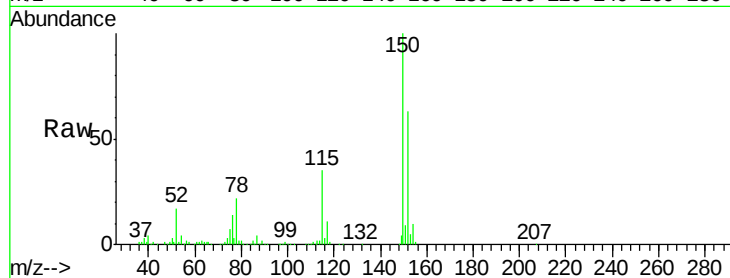
Acq: 11 Jun 2020 17:37

Instrument :

MSVOA_N

ClientSampleId :

RE134D4-20200609



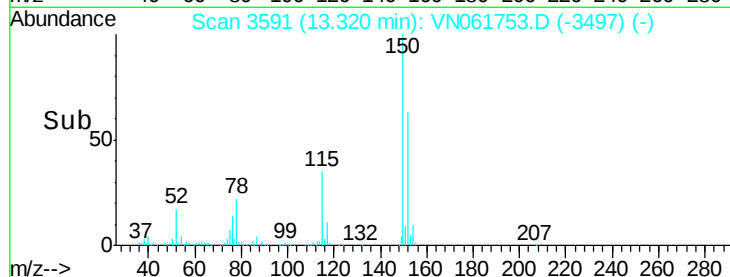
Tot Ion:152 Resp: 211969

Ion Ratio Lower Upper

152 100

115 55.6 28.0 84.0

150 159.1 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

