

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061750.D
 Acq On : 11 Jun 2020 16:27
 Operator : JC/MD
 Sample : L2988-07 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D6-20200608

Quant Time: Jun 12 05:44:29 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

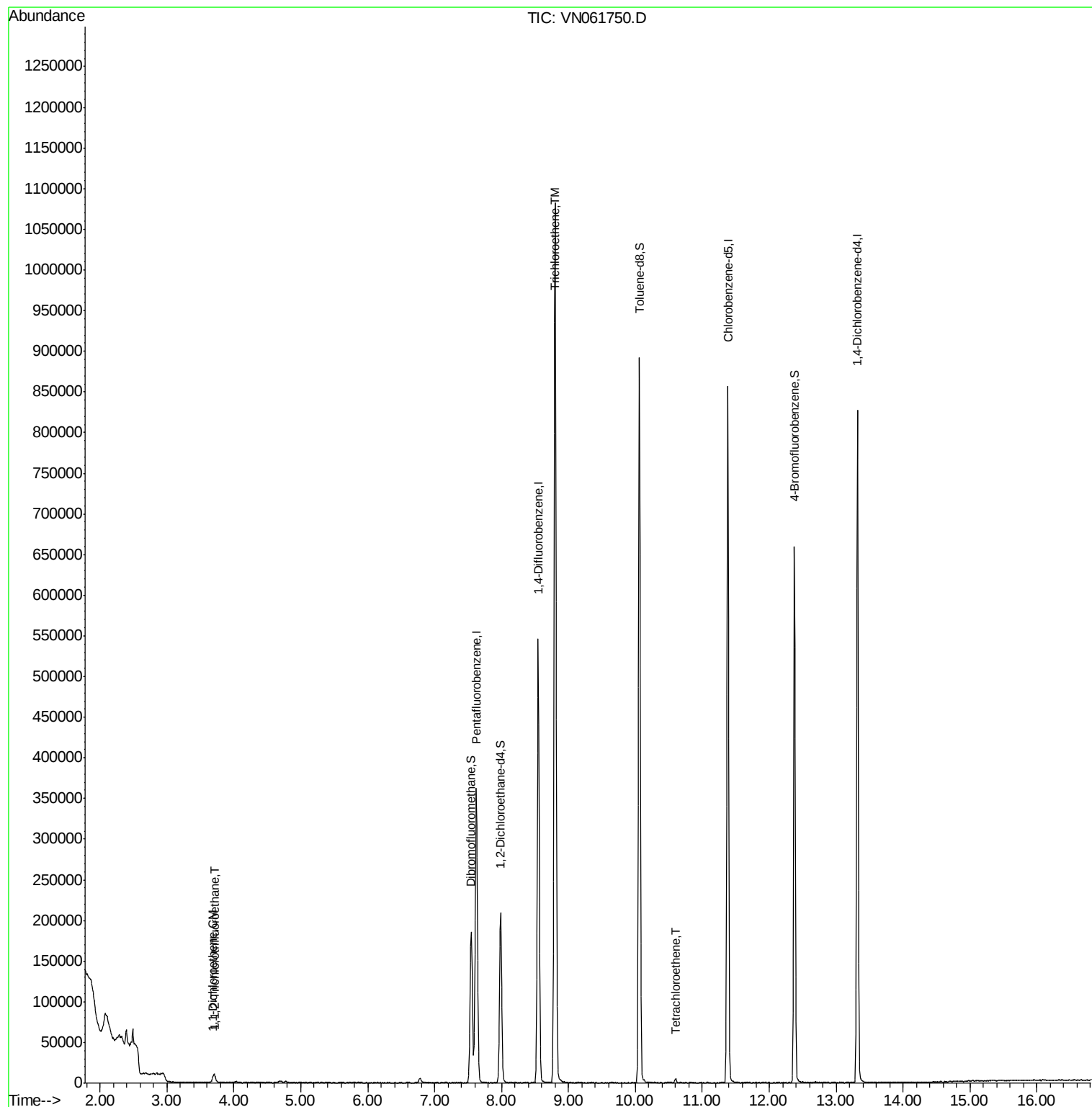
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	314175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	526196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	529059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	232239	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	171976	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
35) Dibromofluoromethane	7.55	113	144509	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
50) Toluene-d8	10.06	98	636301	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.38	95	224986	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.71	101	5826	1.939	ug/l	95
12) 1,1-Dichloroethene	3.68	96	2184	0.680	ug/l #	72
44) Trichloroethene	8.80	130	425162	96.254	ug/l	98
64) Tetrachloroethene	10.61	164	1265	0.254	ug/l	92

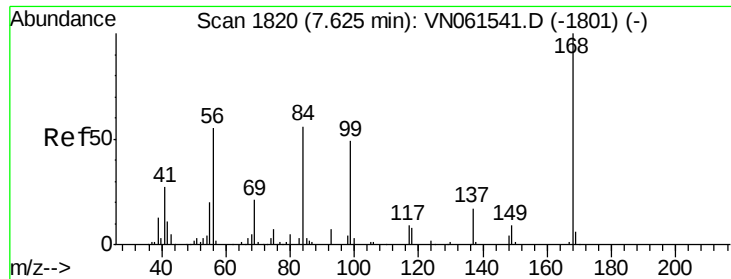
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061120\
Data File : VN061750.D
Acq On : 11 Jun 2020 16:27
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Quant Time: Jun 12 05:44:29 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: VN061750.D

Acq: 11 Jun 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

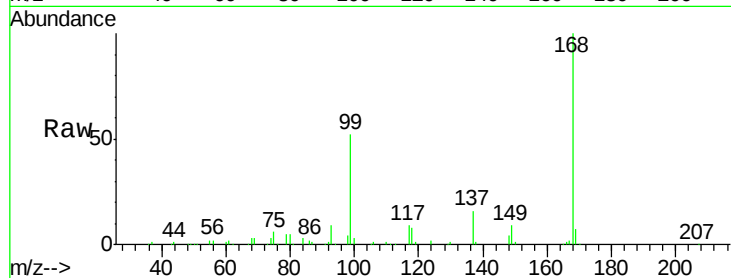
RE132D6-20200608

Tot Ion:168 Resp: 314175

Ion Ratio Lower Upper

168 100

99 51.7 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

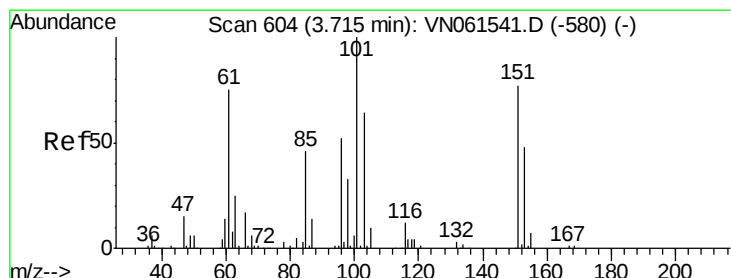
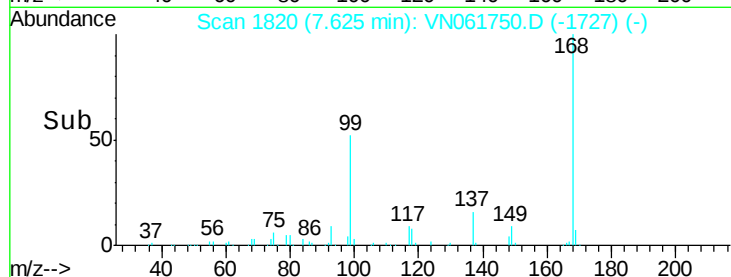
150000

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.939 ug/l

RT: 3.71 min Scan# 601

Delta R.T. -0.01 min

Lab File: VN061750.D

Acq: 11 Jun 2020 16:27

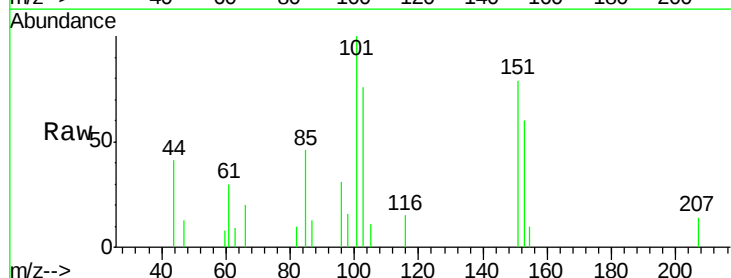
Tgt Ion:101 Resp: 5826

Ion Ratio Lower Upper

101 100

85 41.8 35.2 52.8

151 81.1 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

2500

2000

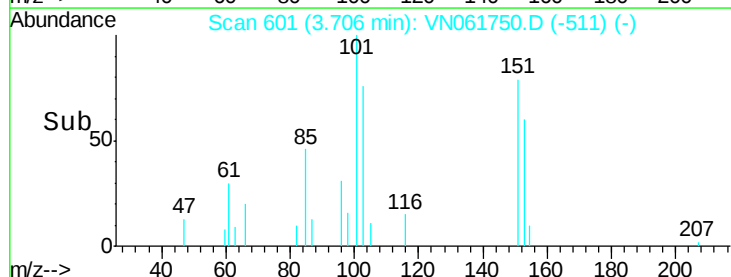
1500

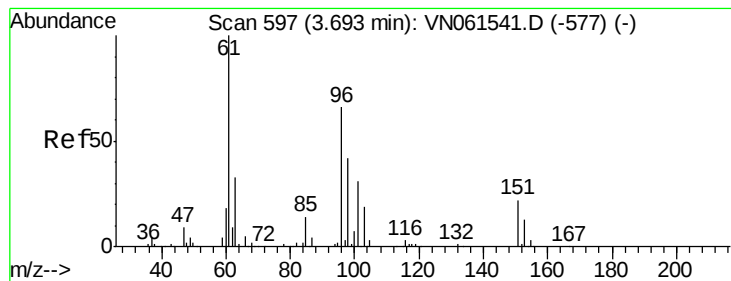
1000

500

0

Time--> 3.65 3.70 3.75 3.80





#12

1,1-Dichloroethene

Concen: 0.680 ug/l

RT: 3.68 min Scan# 593

Delta R.T. -0.01 min

Lab File: VN061750.D

Acq: 11 Jun 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

RE132D6-20200608

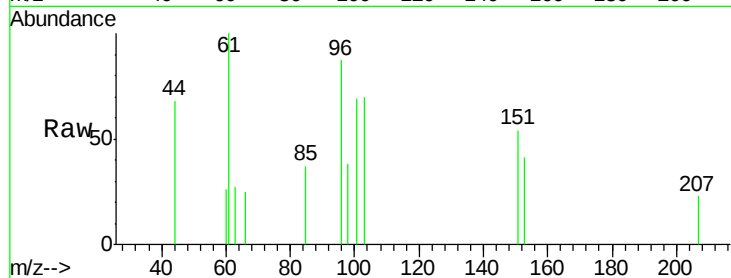
Tot Ion: 96 Resp: 2184

Ion Ratio Lower Upper

96 100

61 114.6 120.5 180.7#

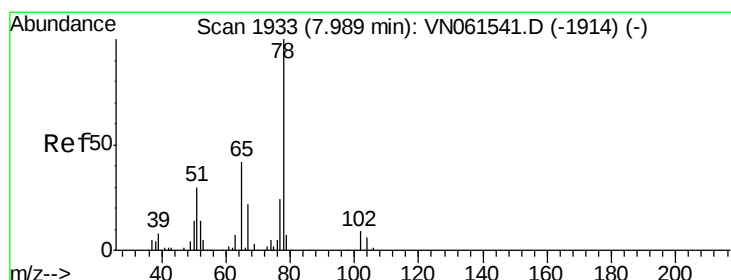
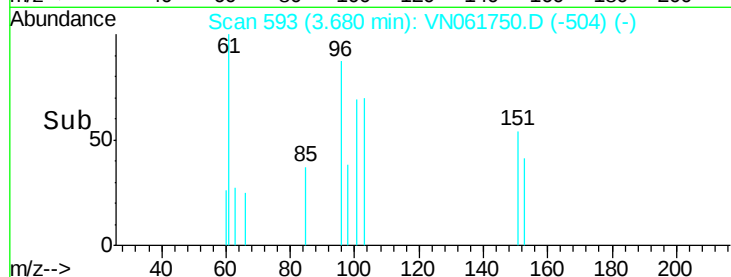
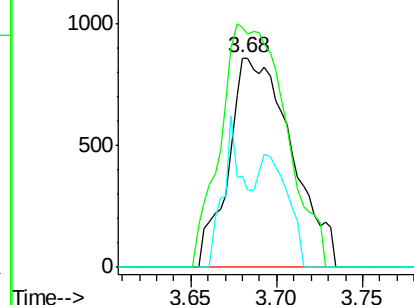
98 43.6 50.8 76.2#



Abundance Ion 95.90 (95.60 to 96.60): VN061750.D (-504) (-)

Ion 60.90 (60.60 to 61.60): VN061750.D (-504) (-)

Ion 97.90 (97.60 to 98.60): VN061750.D (-504) (-)



#33

1,2-Dichloroethane-d4

Concen: 45.944 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061750.D

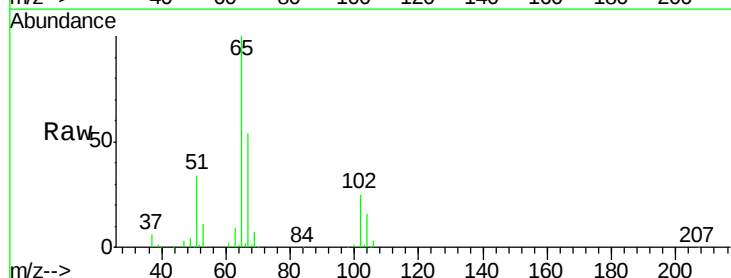
Acq: 11 Jun 2020 16:27

Tgt Ion: 65 Resp: 171976

Ion Ratio Lower Upper

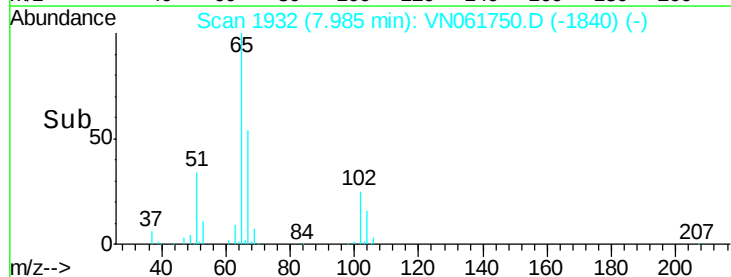
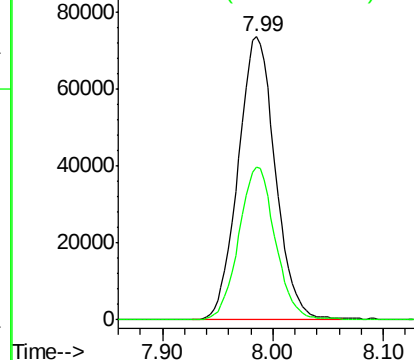
65 100

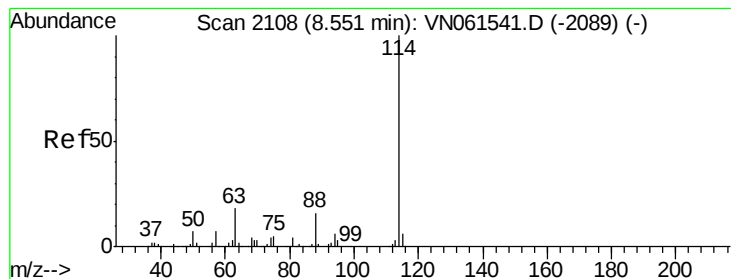
67 52.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN061750.D (-1840) (-)

Ion 66.90 (66.60 to 67.60): VN061750.D (-1840) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061750.D

Acq: 11 Jun 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

RE132D6-20200608

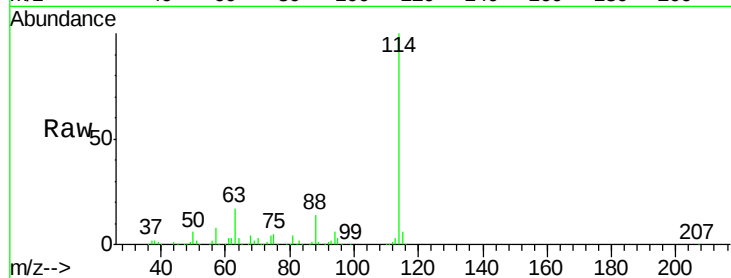
Tot Ion:114 Resp: 526196

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.8

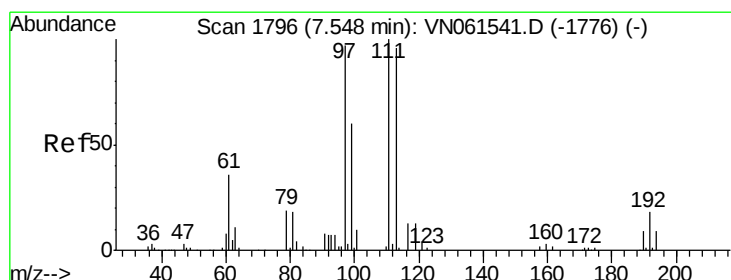
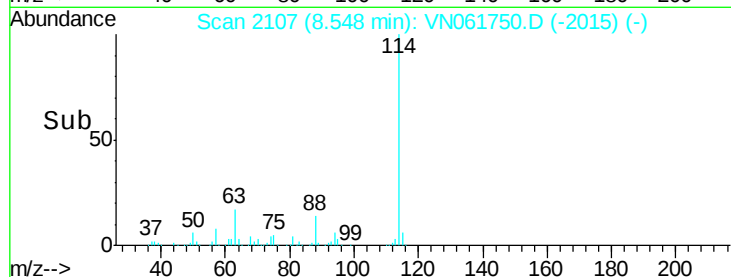
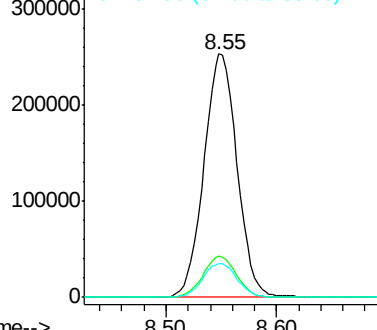
88 14.0 0.0 31.0



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: 54.138 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061750.D

Acq: 11 Jun 2020 16:27

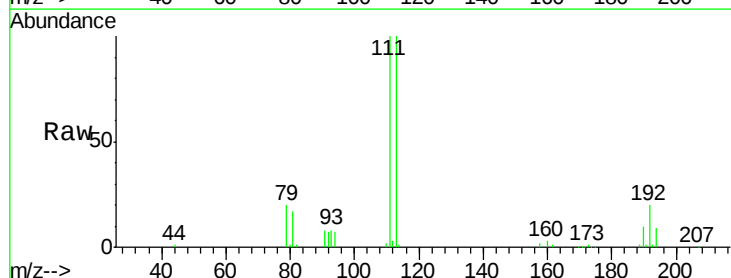
Tgt Ion:113 Resp: 144509

Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.0

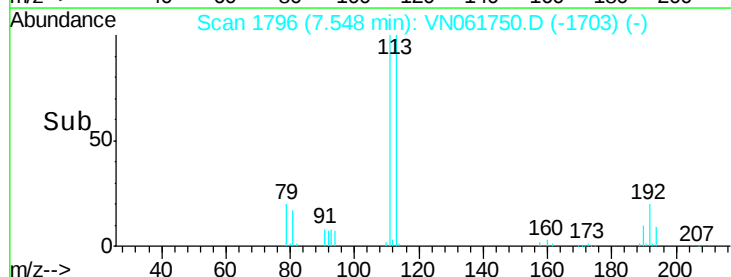
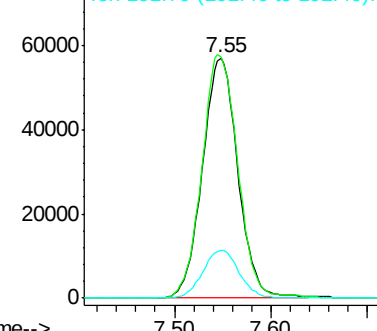
192 20.4 15.4 23.2

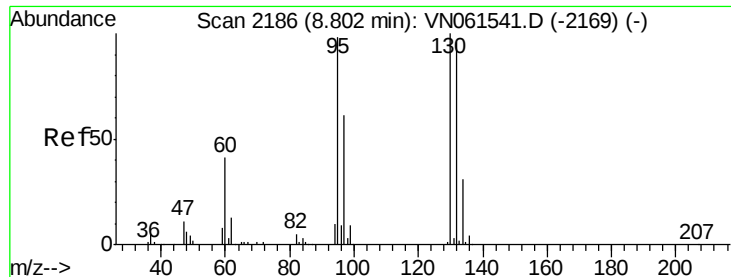


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 96.254 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061750.D

Acq: 11 Jun 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

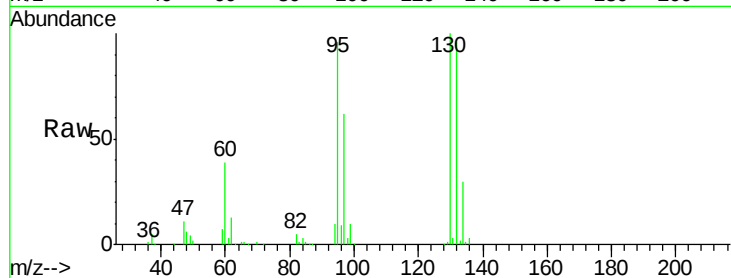
RE132D6-20200608

Tot Ion:130 Resp: 425162

Ion Ratio Lower Upper

130 100

95 96.4 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

8.80

200000

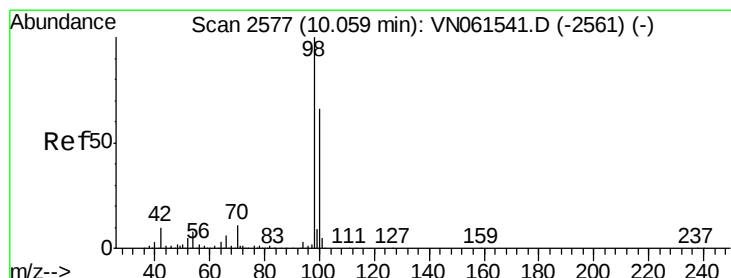
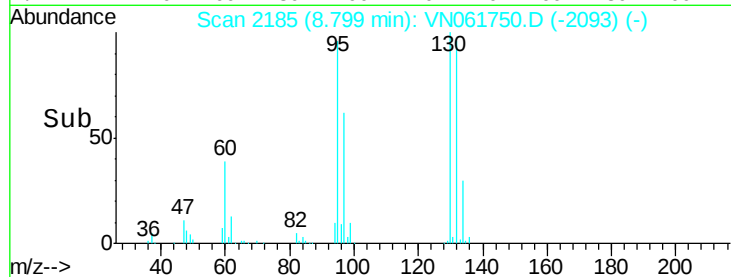
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 51.440 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061750.D

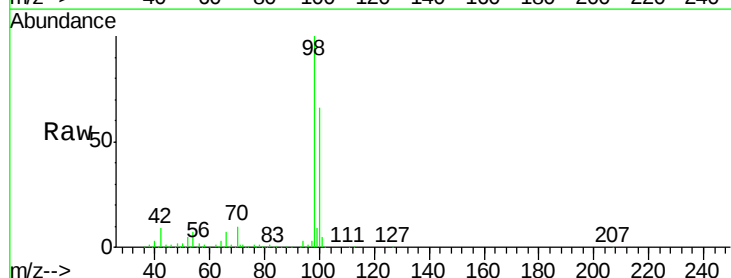
Acq: 11 Jun 2020 16:27

Tgt Ion: 98 Resp: 636301

Ion Ratio Lower Upper

98 100

100 66.0 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

10.06

400000

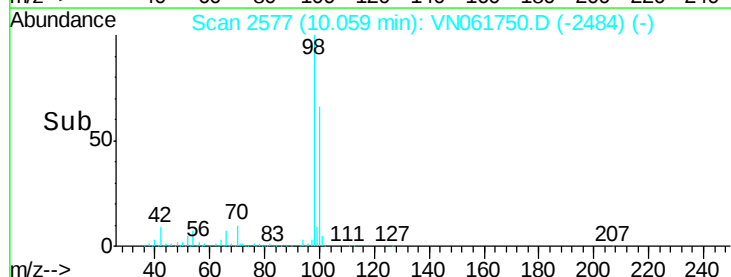
300000

200000

100000

0

Time-->

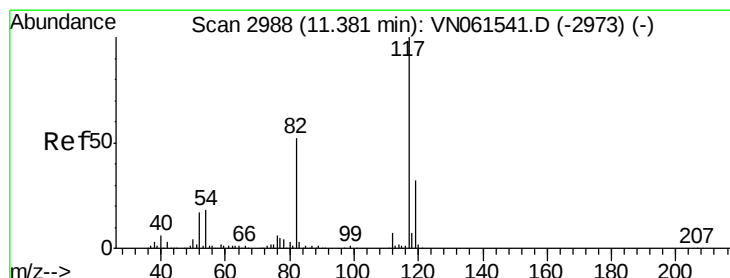
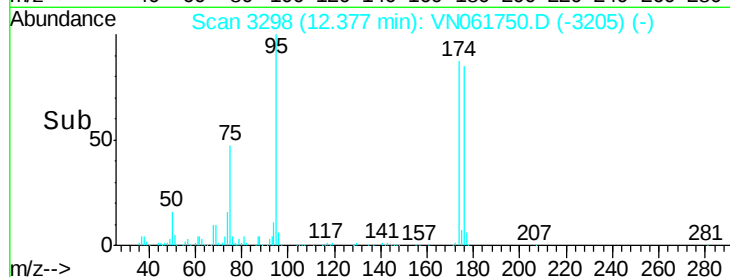
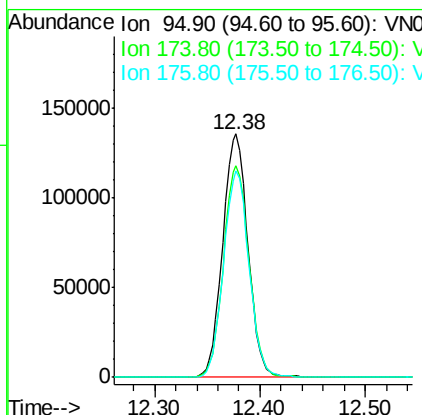
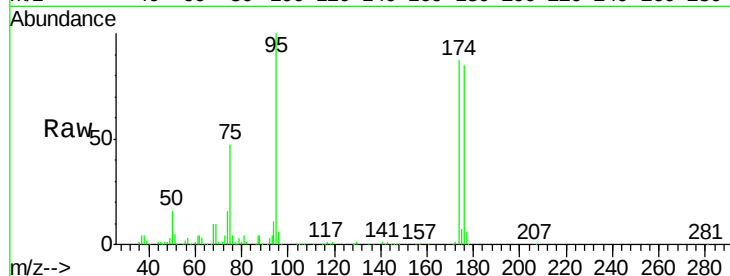




#62
4-Bromofluorobenzene
Concen: 49.853 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061750.D
Acq: 11 Jun 2020 16:27

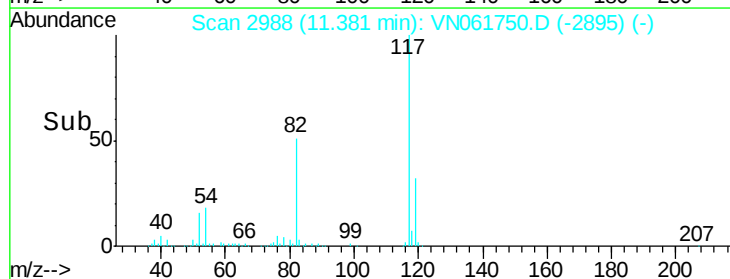
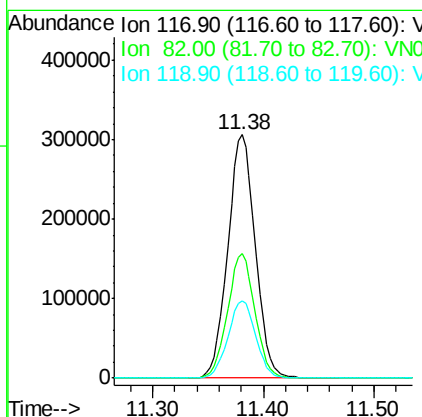
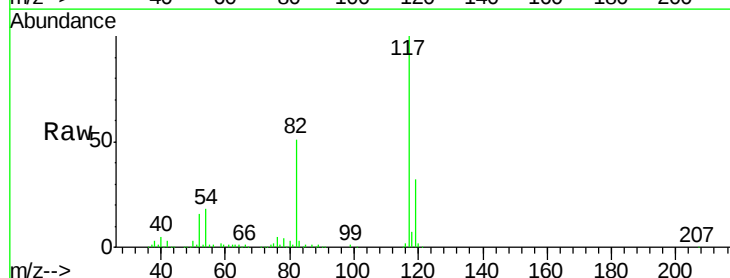
Instrument :
MSVOA_N
ClientSampleId :
RE132D6-20200608

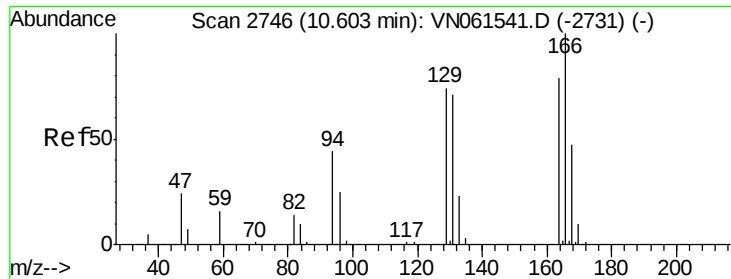
Tot Ion	95	Resp	224986
Ion Ratio	Lower	Upper	
95	100		
174	88.1	0.0	172.8
176	85.3	0.0	164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061750.D
Acq: 11 Jun 2020 16:27

Tgt Ion	117	Resp	529059
Ion Ratio	Lower	Upper	
117	100		
82	50.9	41.5	62.3
119	31.8	25.6	38.4





#64

Tetrachloroethene

Concen: 0.254 ug/l

RT: 10.61 min Scan# 2747

Delta R.T. 0.00 min

Lab File: VN061750.D

Acq: 11 Jun 2020 16:27

Instrument :

MSVOA_N

ClientSampleId :

RE132D6-20200608

Tot Ion:164 Resp: 1265

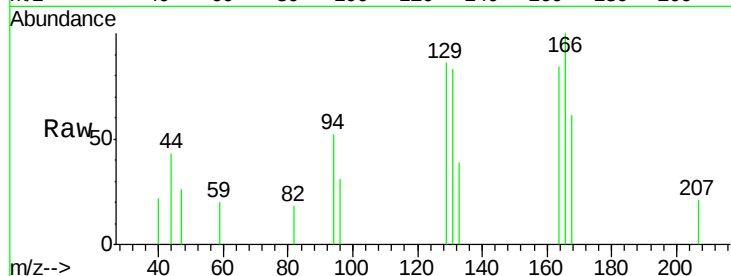
Ion Ratio Lower Upper

164 100

166 118.8 101.5 152.3

129 102.4 74.9 112.3

131 98.3 72.2 108.2

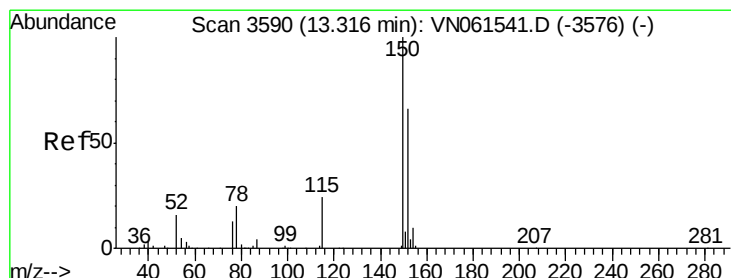
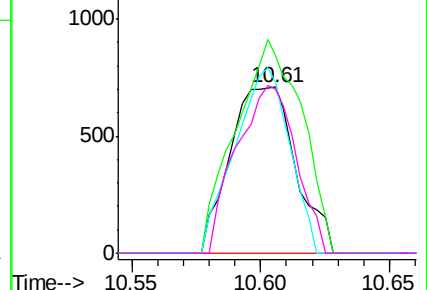
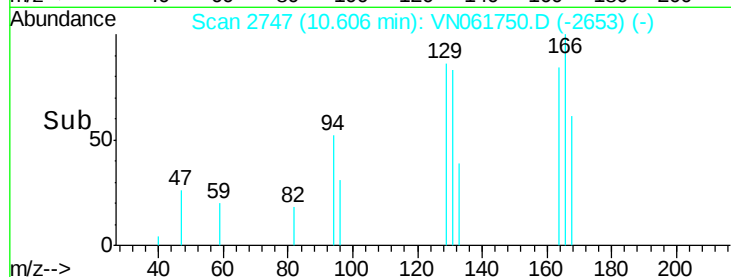


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN061750.D

Acq: 11 Jun 2020 16:27

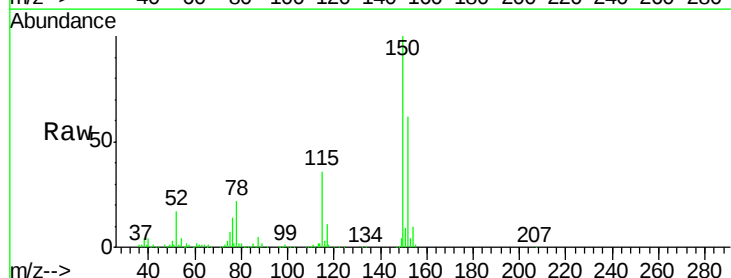
Tgt Ion:152 Resp: 232239

Ion Ratio Lower Upper

152 100

115 56.9 28.0 84.0

150 160.5 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

