

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061785.D
 Acq On : 12 Jun 2020 12:53
 Operator : JC/MD
 Sample : L2988-16DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D4-20200609DL

Quant Time: Jun 13 05:40:50 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

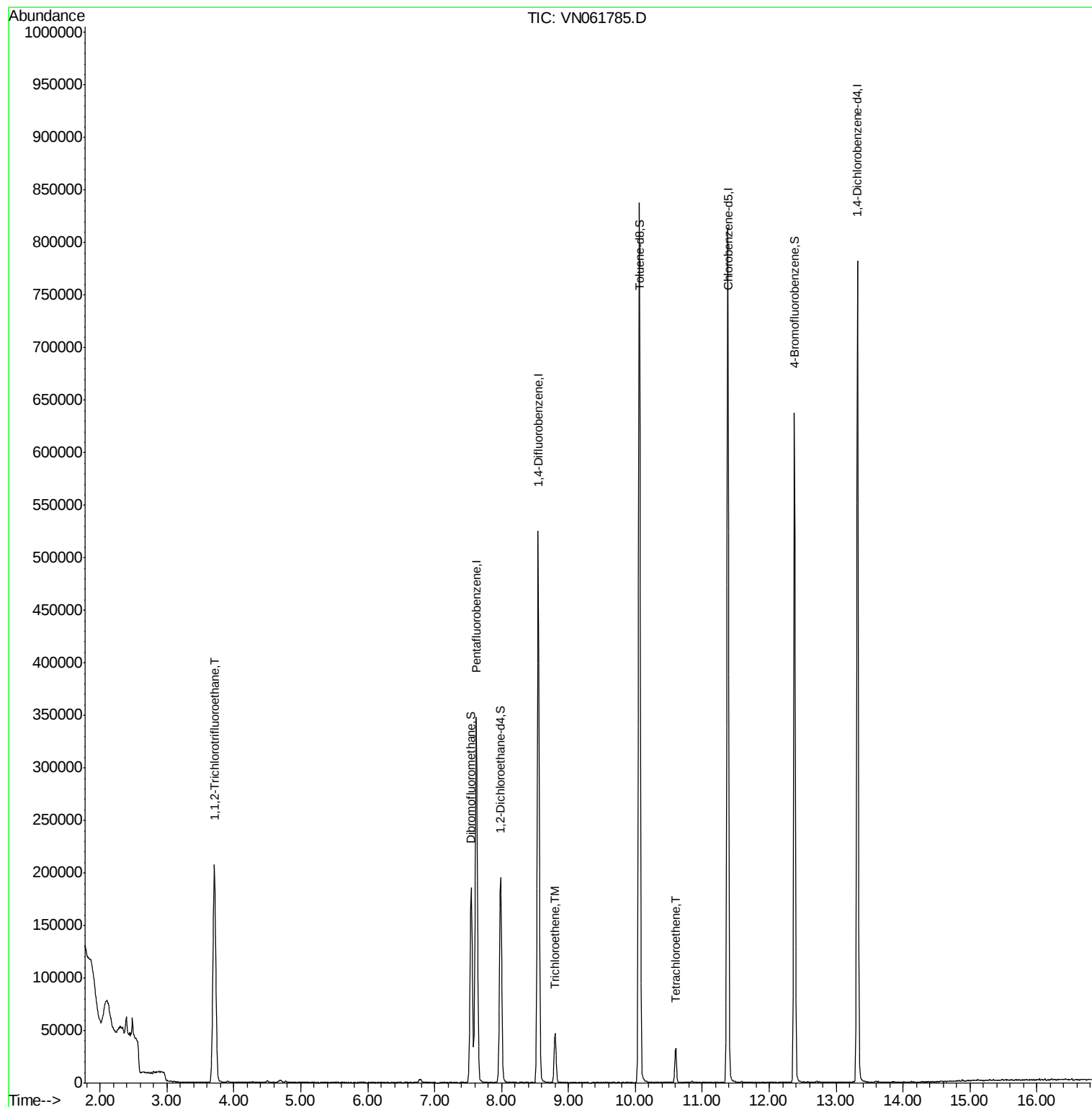
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	301691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	502416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	504860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	223184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	165408	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.04%	
35) Dibromofluoromethane	7.54	113	142463	55.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.80%	
50) Toluene-d8	10.06	98	606133	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.38	95	216635	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.71	101	131925	45.720	ug/l	96
44) Trichloroethene	8.80	130	18420	4.368	ug/l	94
64) Tetrachloroethene	10.60	164	8147	1.714	ug/l	95

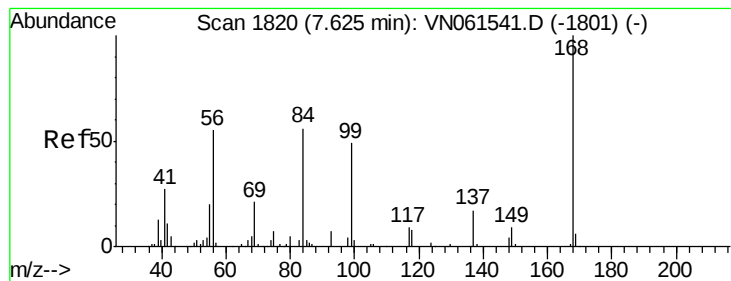
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

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Acq: 12 Jun 2020 12:53

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ClientSampleId :

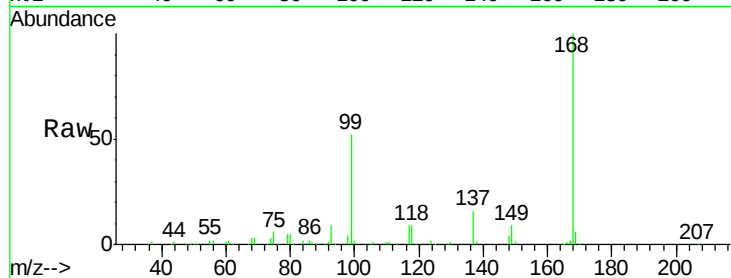
RE134D4-20200609DL

Tot Ion:168 Resp: 301691

Ion Ratio Lower Upper

168 100

99 52.0 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

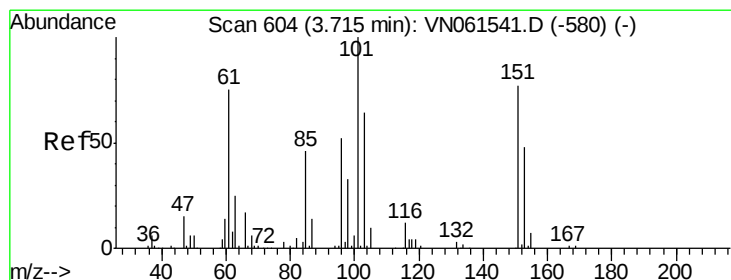
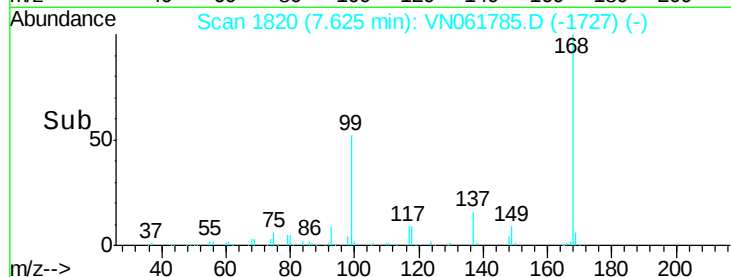
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.720 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.01 min

Lab File: VN061785.D

Acq: 12 Jun 2020 12:53

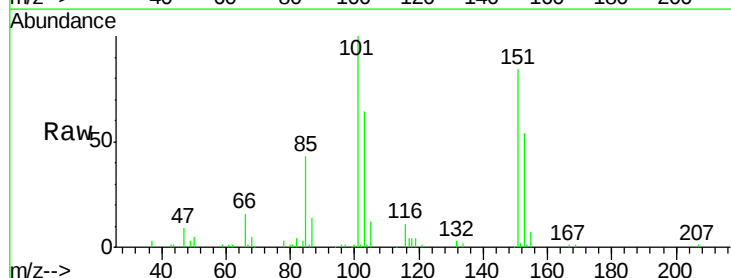
Tgt Ion:101 Resp: 131925

Ion Ratio Lower Upper

101 100

85 42.7 35.2 52.8

151 80.9 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

3.71

60000

50000

40000

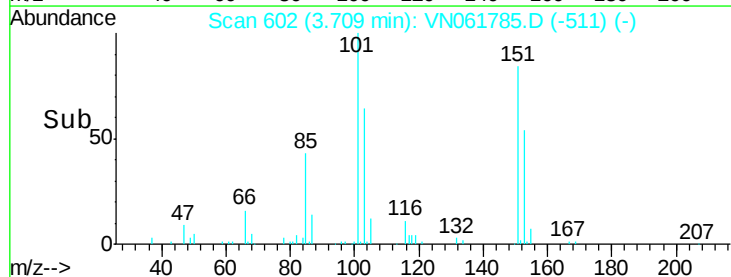
30000

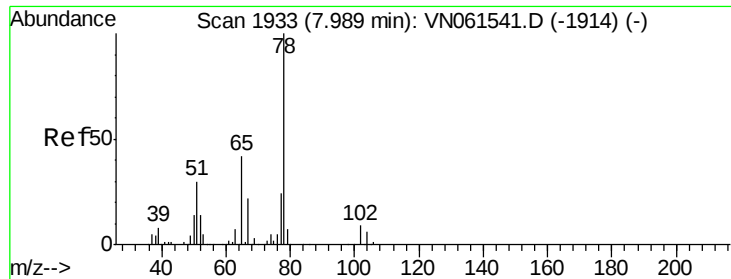
20000

10000

0

Time--> 3.60 3.70 3.80





#33

1,2-Dichloroethane-d4

Concen: 46.017 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061785.D

Acq: 12 Jun 2020 12:53

Instrument :

MSVOA_N

ClientSampleId :

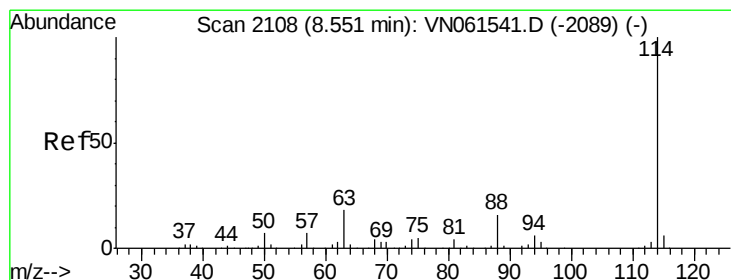
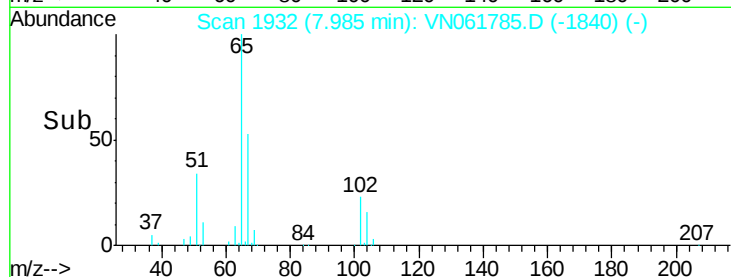
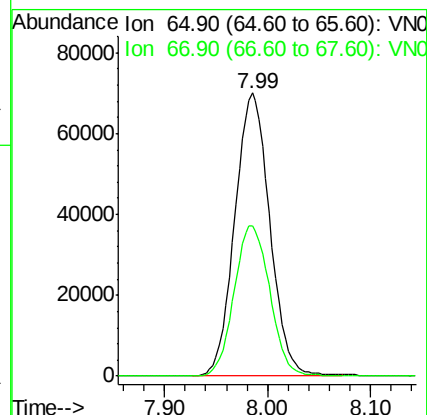
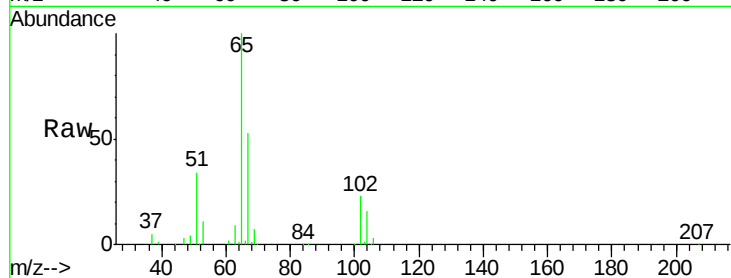
RE134D4-20200609DL

Tot Ion: 65 Resp: 165408

Ion Ratio Lower Upper

65 100

67 54.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061785.D

Acq: 12 Jun 2020 12:53

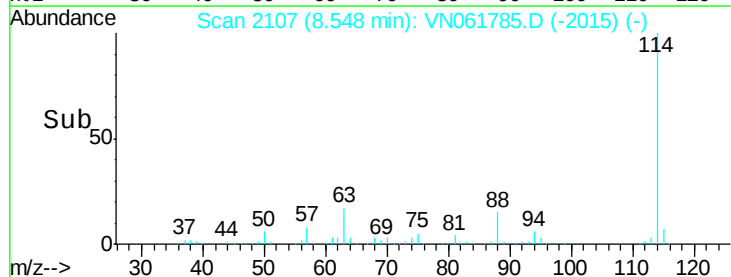
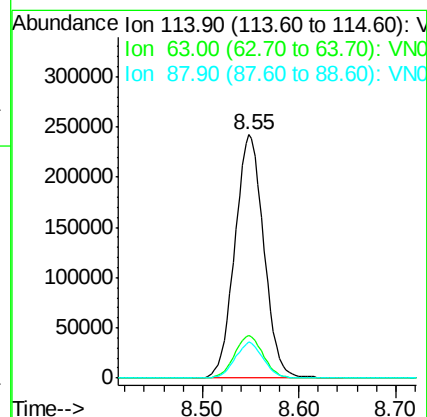
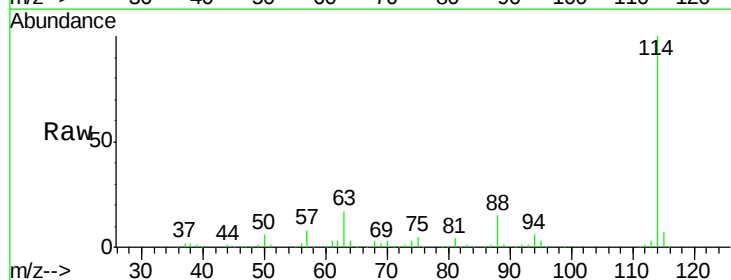
Tgt Ion: 114 Resp: 502416

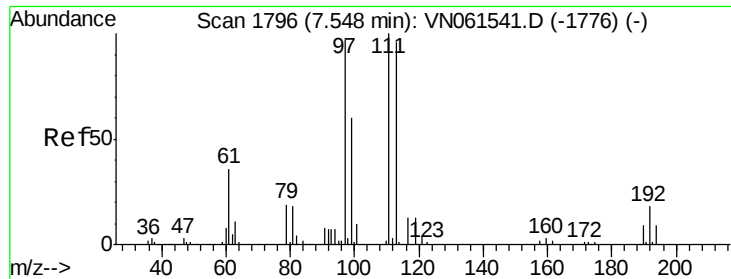
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.8

88 14.7 0.0 31.0

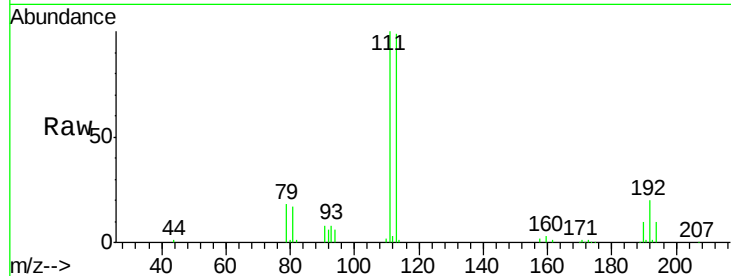




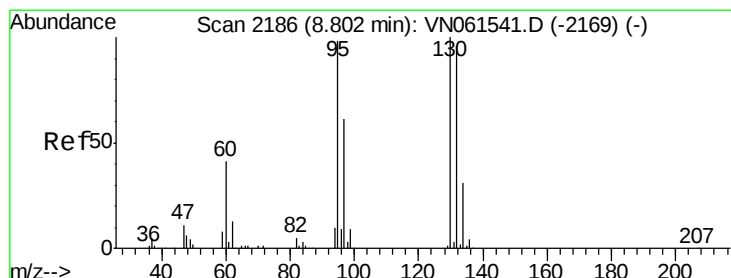
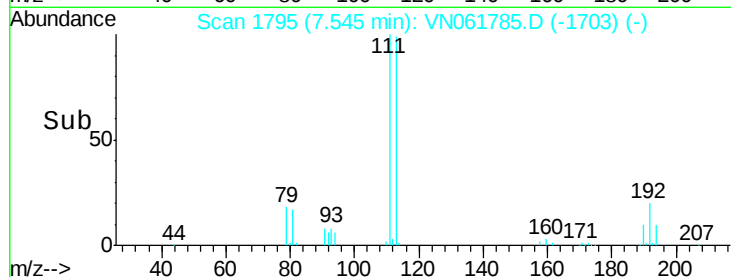
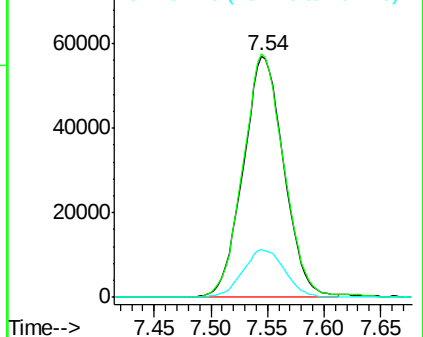
#35
 Dibromofluoromethane
 Concen: 55.897 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061785.D
 Acq: 12 Jun 2020 12:53

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D4-20200609DL

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.0
192	20.4	15.4	23.2

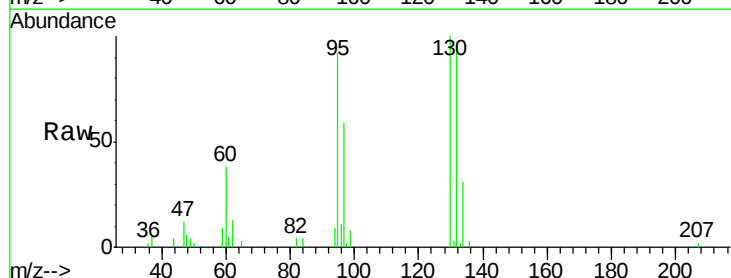


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

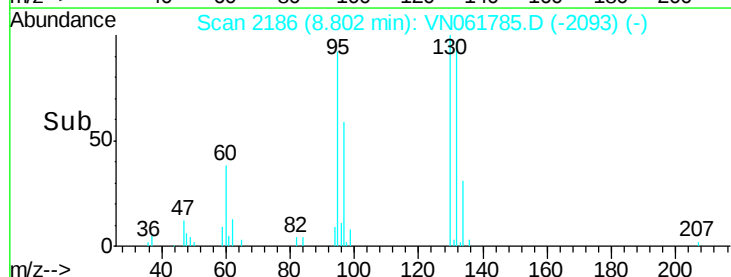
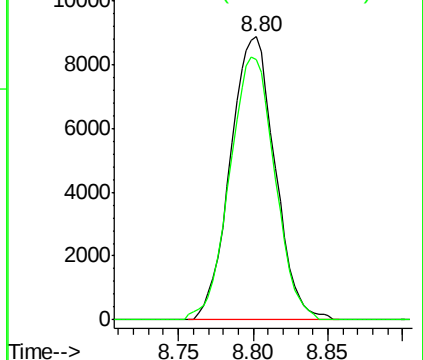


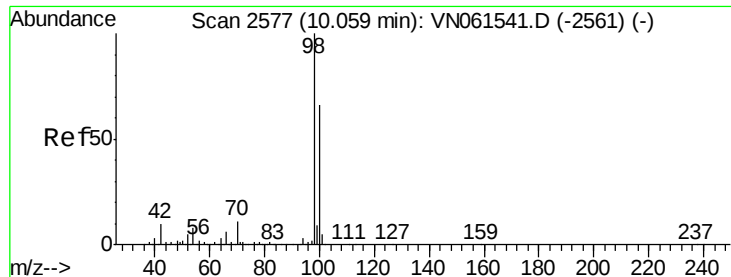
#44
 Trichloroethene
 Concen: 4.368 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN061785.D
 Acq: 12 Jun 2020 12:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	196.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.320 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061785.D

Acq: 12 Jun 2020 12:53

Instrument :

MSVOA_N

ClientSampleId :

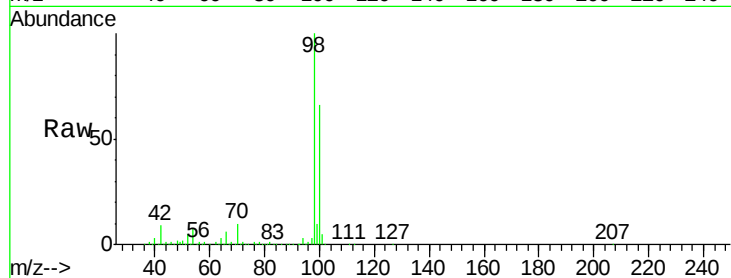
RE134D4-20200609DL

Tot Ion: 98 Resp: 606133

Ion Ratio Lower Upper

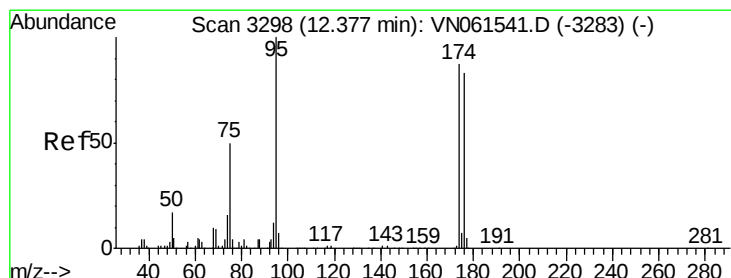
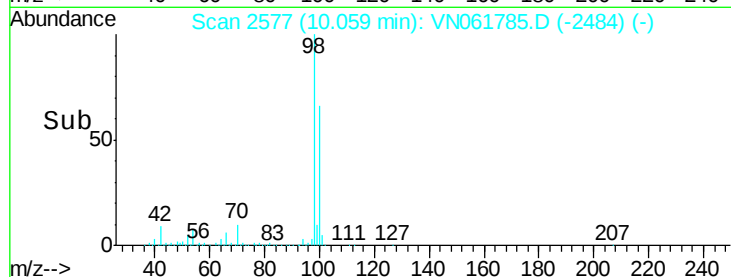
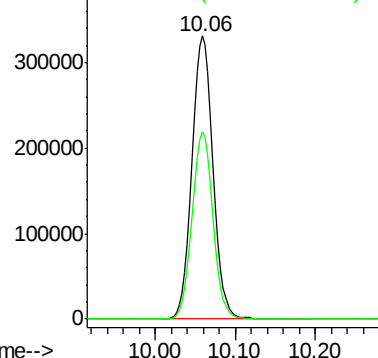
98 100

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: 50.275 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061785.D

Acq: 12 Jun 2020 12:53

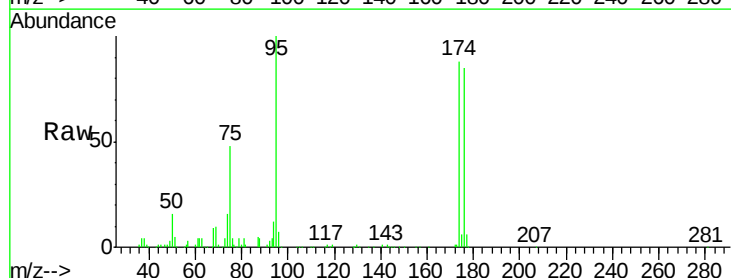
Tgt Ion: 95 Resp: 216635

Ion Ratio Lower Upper

95 100

174 88.0 0.0 172.8

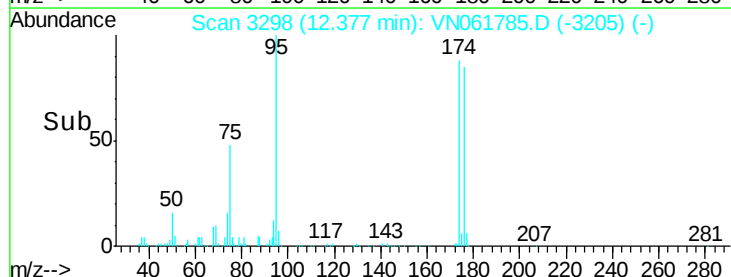
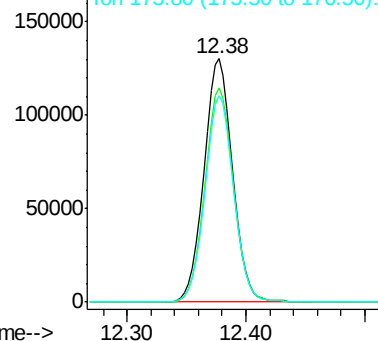
176 84.9 0.0 164.8

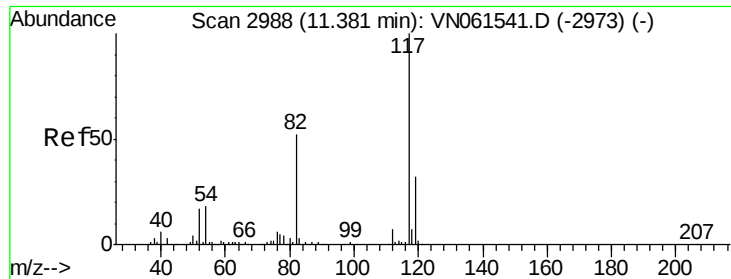


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

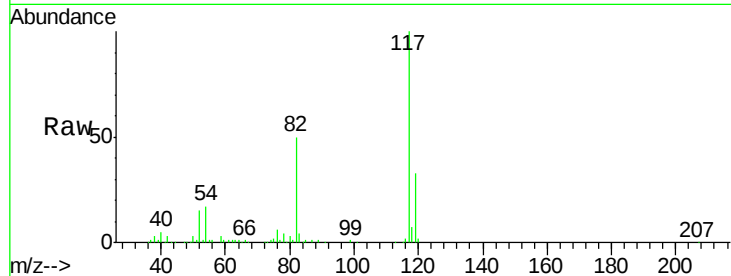




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061785.D
Acq: 12 Jun 2020 12:53

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20200609DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.8	41.5	62.3
119	32.5	25.6	38.4

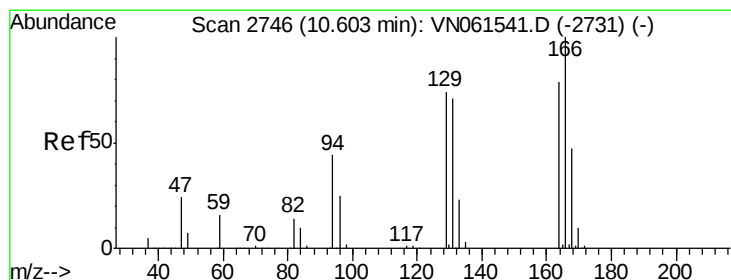
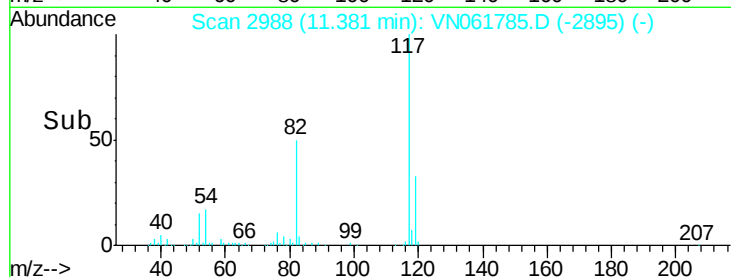
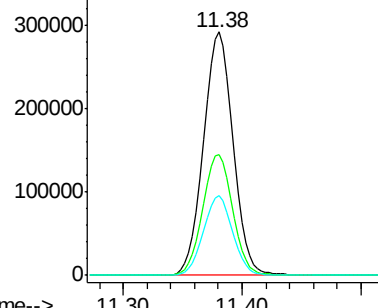


Abundance

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: 1.714 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061785.D
Acq: 12 Jun 2020 12:53

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.1	101.5	152.3
129	91.2	74.9	112.3
131	99.3	72.2	108.2

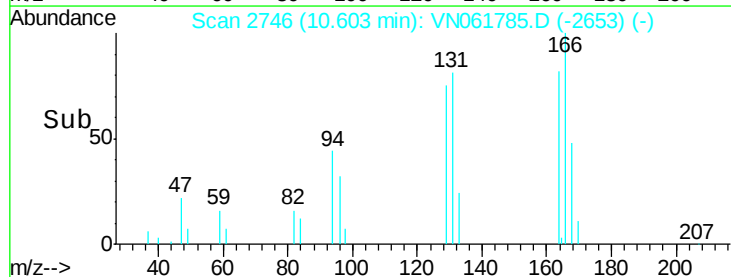
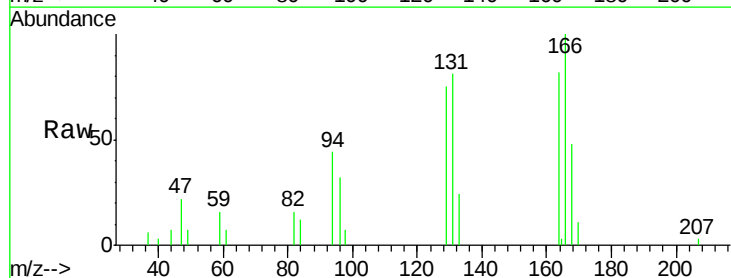
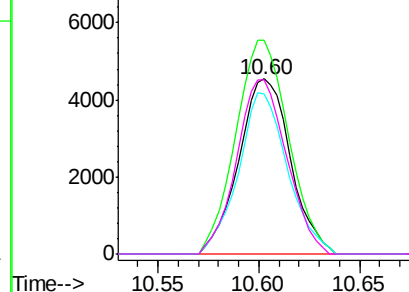
Abundance

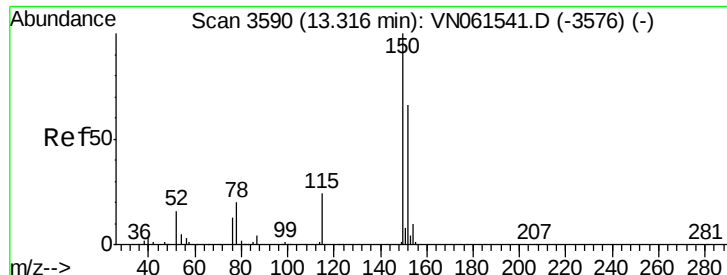
Ion 163.80 (163.50 to 164.50): V

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: VN061785.D

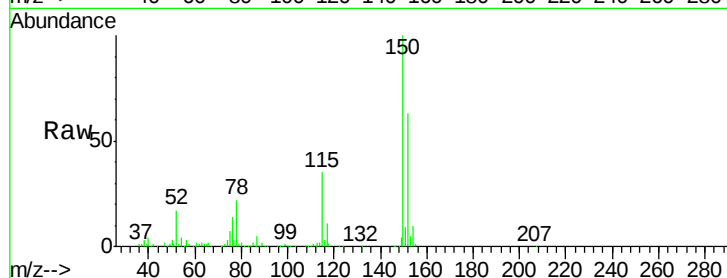
Acq: 12 Jun 2020 12:53

Instrument :

MSVOA_N

ClientSampleId :

RE134D4-20200609DL



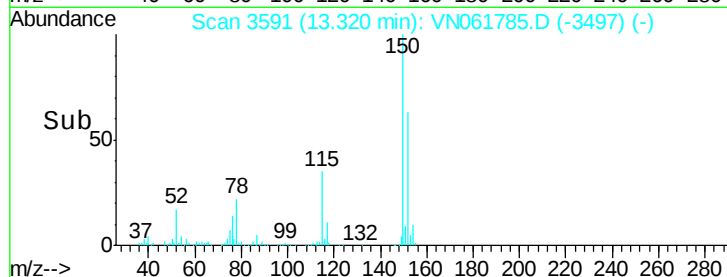
Tot Ion:152 Resp: 223184

Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

150 157.6 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

