

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061787.D
 Acq On : 12 Jun 2020 13:40
 Operator : JC/MD
 Sample : L2988-10DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200608DL

Manual Integrations
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 6/15/2020 11:08:34 AM

Quant Time: Jun 13 05:46:09 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	7.62	168	301233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	505890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	511475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222537	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	166150	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
35) Dibromofluoromethane	7.54	113	143365	55.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.72%	
50) Toluene-d8	10.06	98	615745	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.38	95	215682	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.71	101	2488	0.864	ug/l #	30
12) 1,1-Dichloroethene	3.68	96	1342m	0.436	ug/l	
27) cis-1,2-Dichloroethene	6.78	96	2273	0.578	ug/l	91
44) Trichloroethene	8.80	130	1100553	259.160	ug/l	96

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

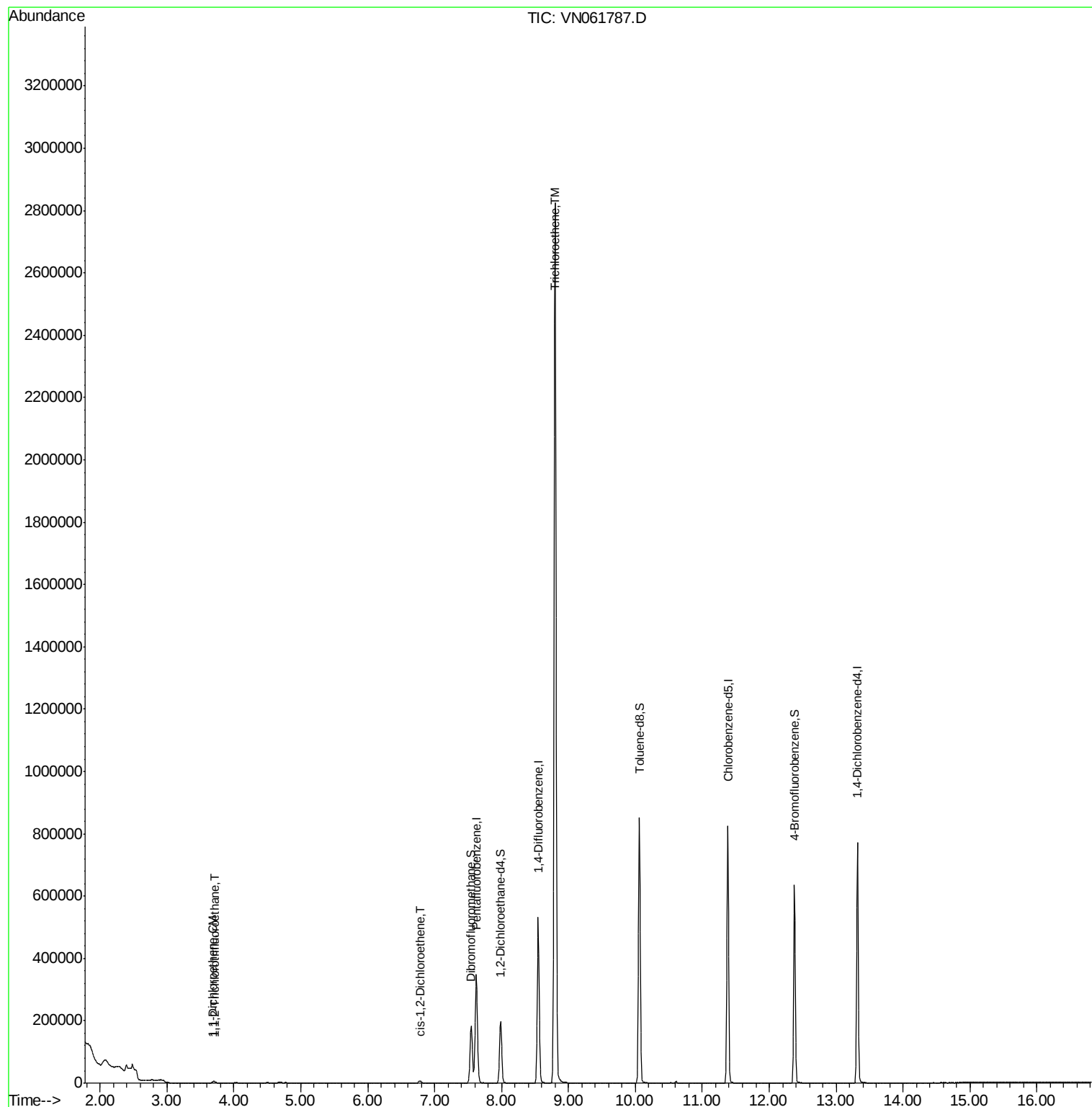
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
Data File : VN061787.D
Acq On : 12 Jun 2020 13:40
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Quant Time: Jun 13 05:46:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061787.D

Acq: 12 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200608DL

Tot Ion:168 Resp: 301233

Ion Ratio Lower Upper

168 100

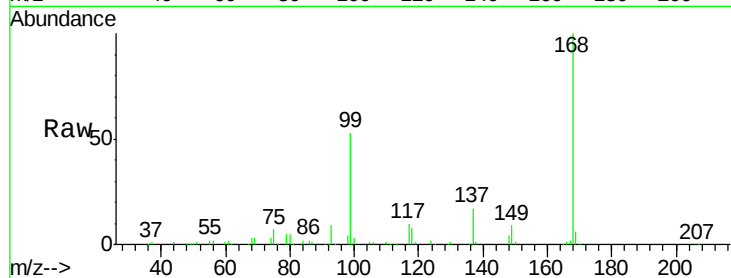
99 52.6 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

150000

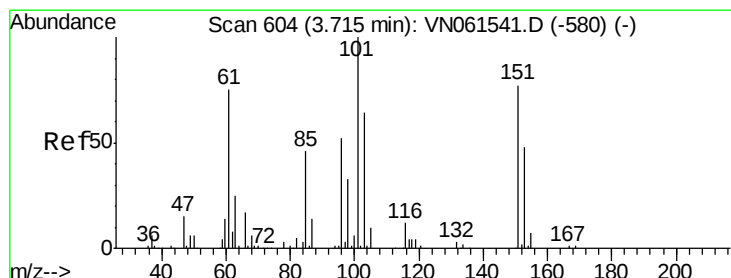
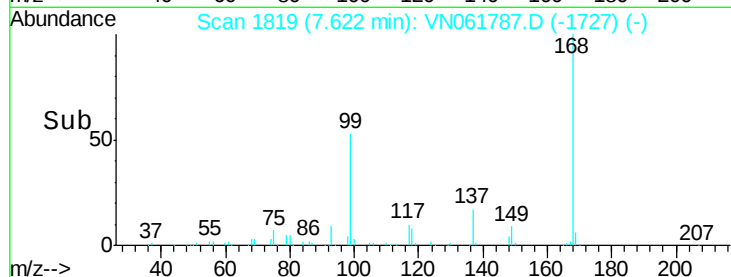
100000

50000

0

Time-->

7.50 7.60 7.70 7.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.864 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061787.D

Acq: 12 Jun 2020 13:40

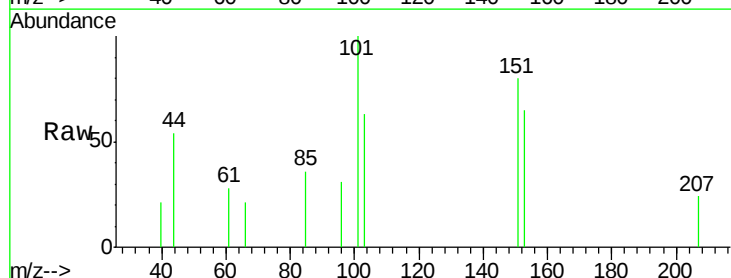
Tgt Ion:101 Resp: 2488

Ion Ratio Lower Upper

101 100

85 20.5 35.2 52.8#

151 0.0 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

3.71

1200

1000

800

600

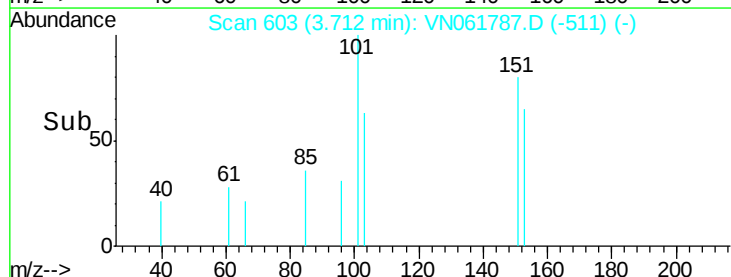
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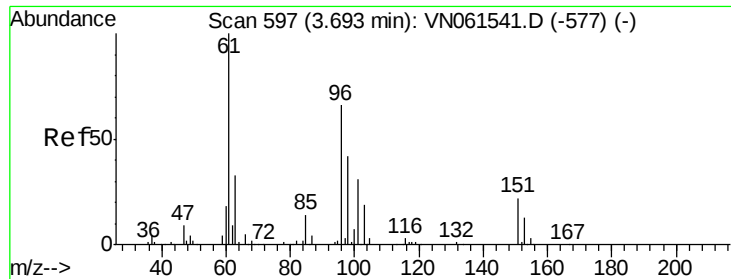
200

0

Time-->

3.65 3.70 3.75





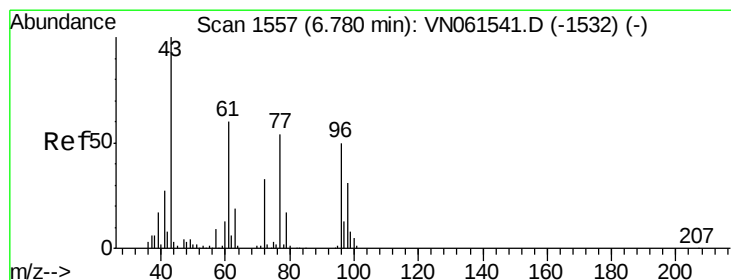
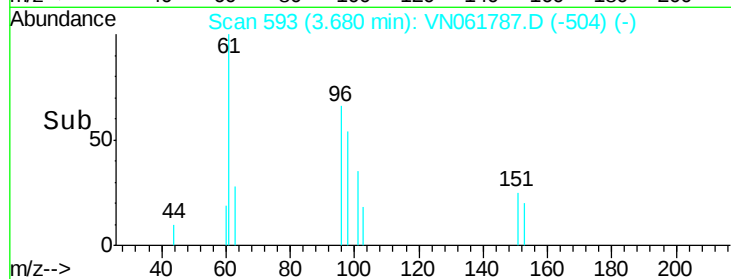
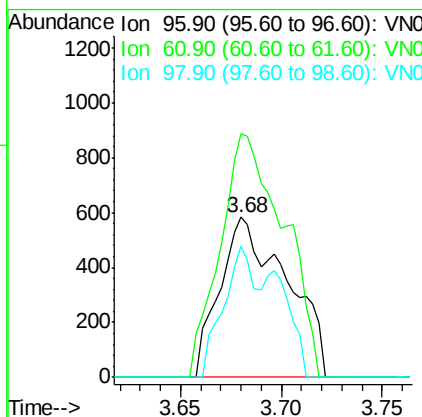
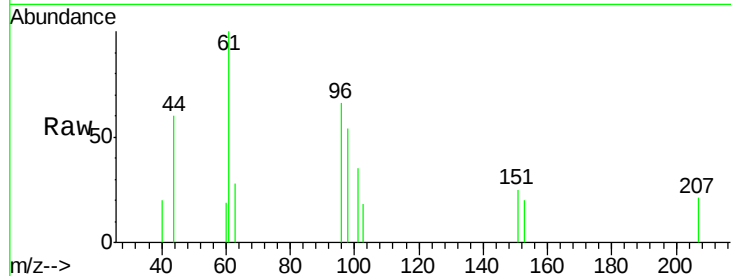
#12
 1,1-Dichloroethene
 Concen: 0.436 ug/l m
 RT: 3.68 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: VN061787.D
 Acq: 12 Jun 2020 13:40

Instrument :
 MSVOA_N
 ClientSampleId :
 RE108D2-20200608DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.1	120.5	180.7
98	81.6	50.8	76.2#

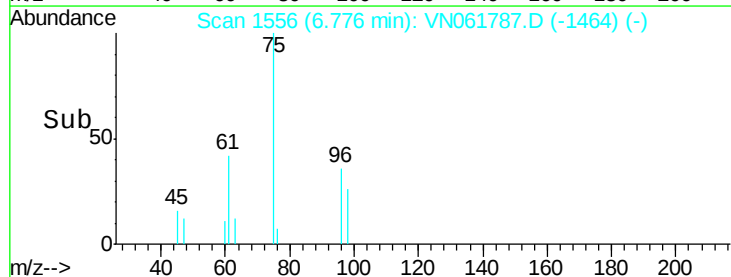
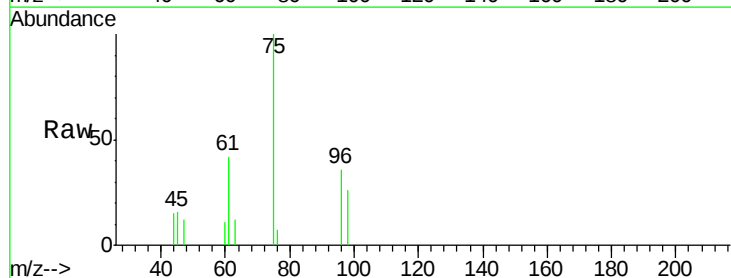
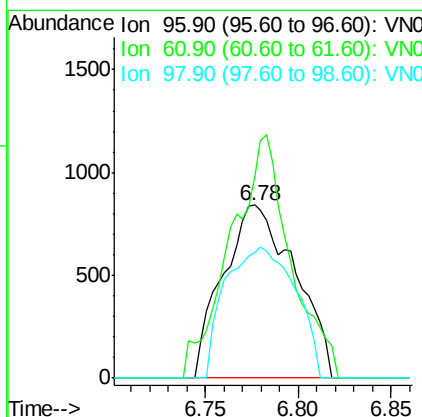
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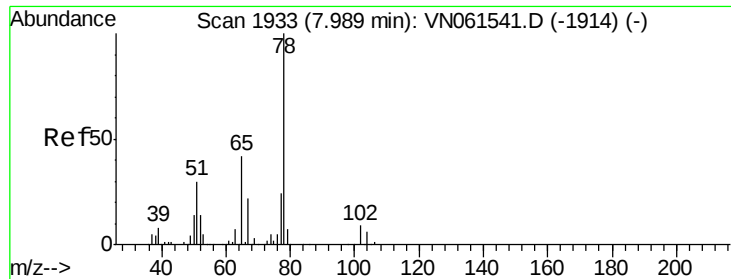
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#27
 cis-1,2-Dichloroethene
 Concen: 0.578 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN061787.D
 Acq: 12 Jun 2020 13:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	116.7	0.0	252.2
98	73.3	0.0	129.2





#33

1,2-Dichloroethane-d4

Concen: 46.294 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061787.D

Acq: 12 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200608DL

Tot Ion: 65 Resp: 166150

Ion Ratio Lower Upper

65 100

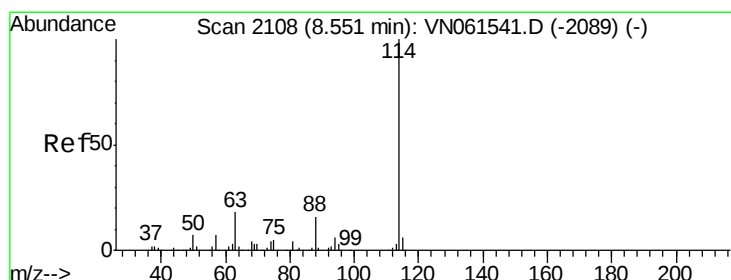
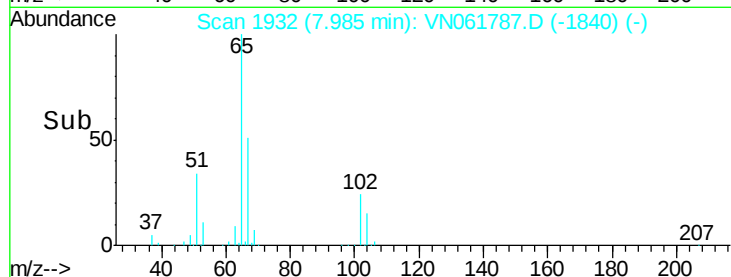
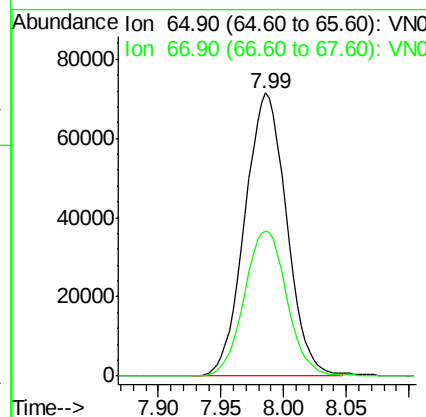
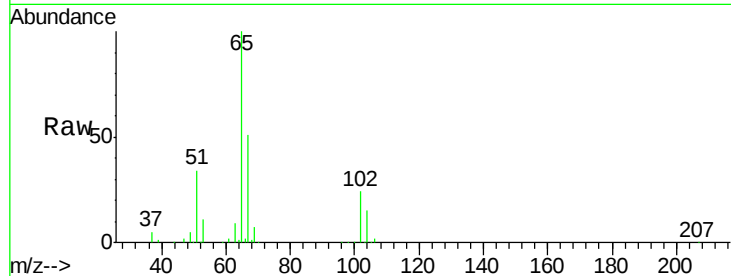
67 51.9 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061787.D

Acq: 12 Jun 2020 13:40

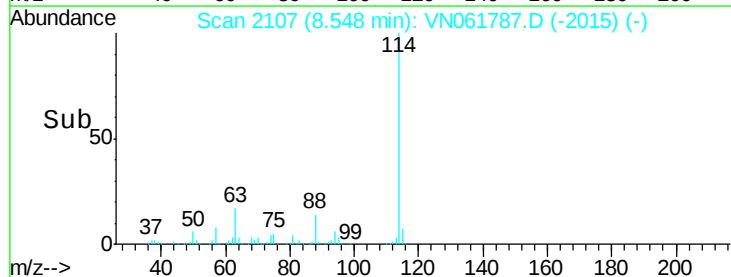
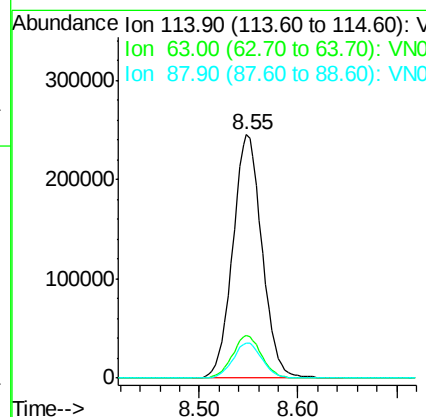
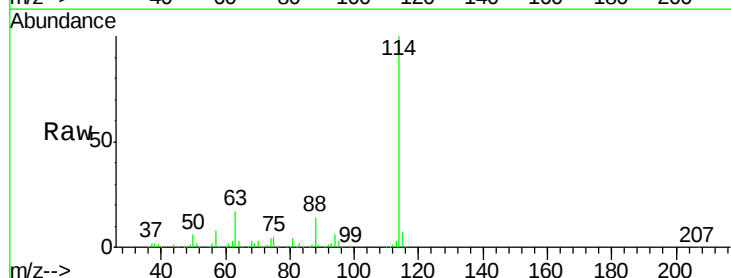
Tgt Ion: 114 Resp: 505890

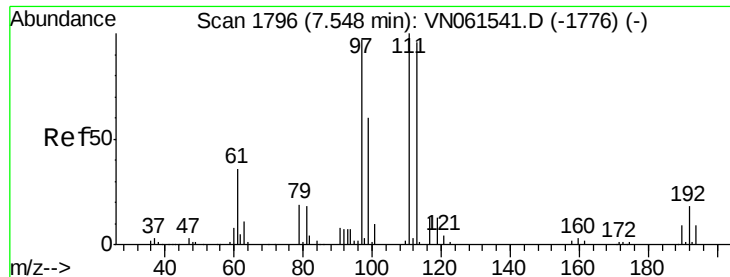
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.8

88 14.5 0.0 31.0





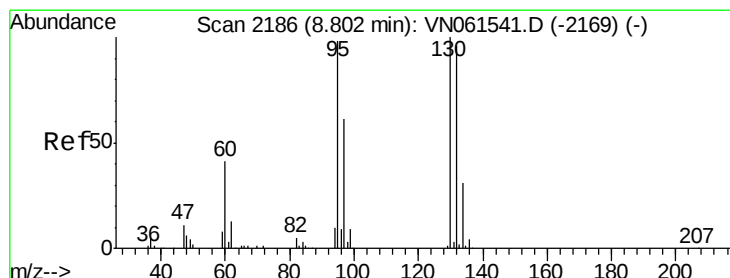
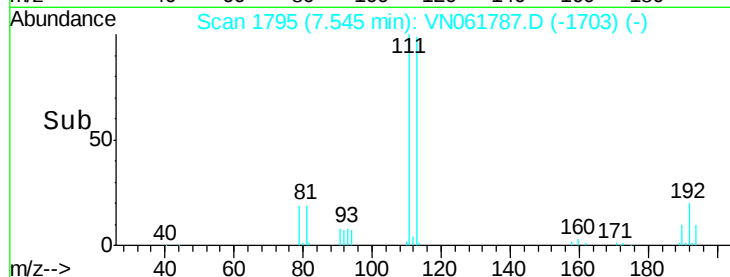
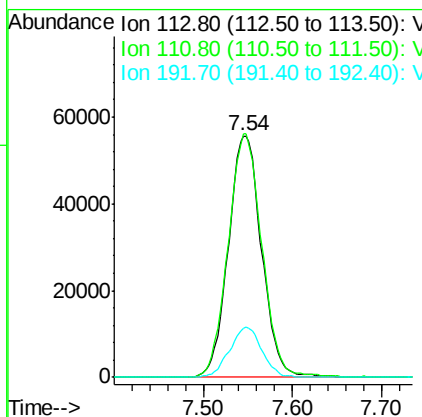
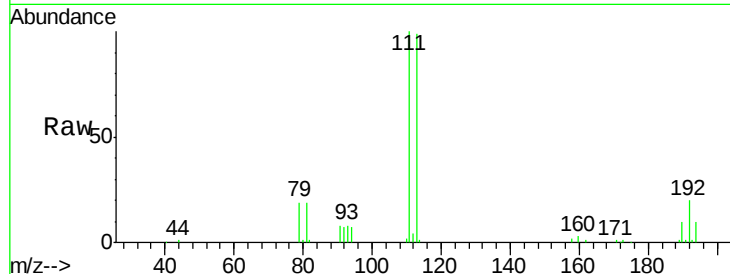
#35
Dibromofluoromethane
Concen: 55.865 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN061787.D
Acq: 12 Jun 2020 13:40

Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20200608DL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	143365		
111	102.4	83.4	125.0	
192	20.3	15.4	23.2	

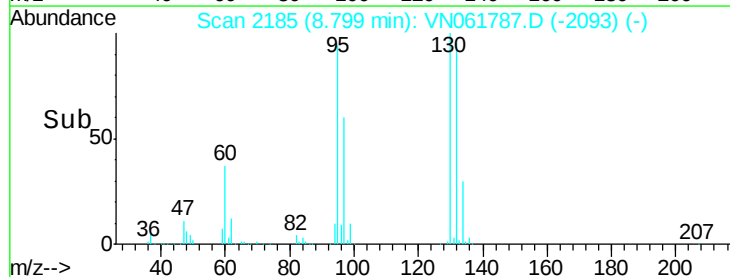
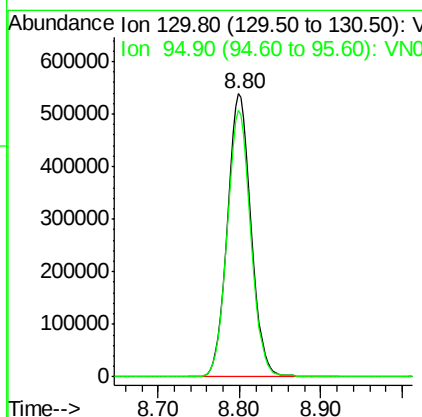
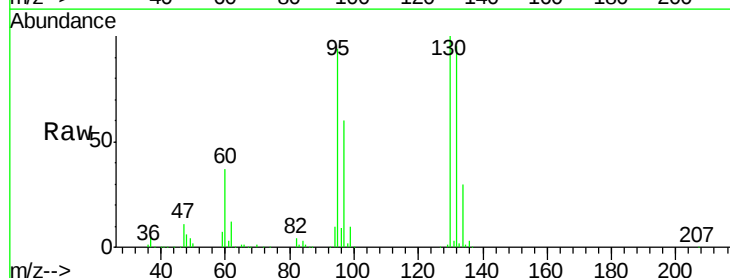
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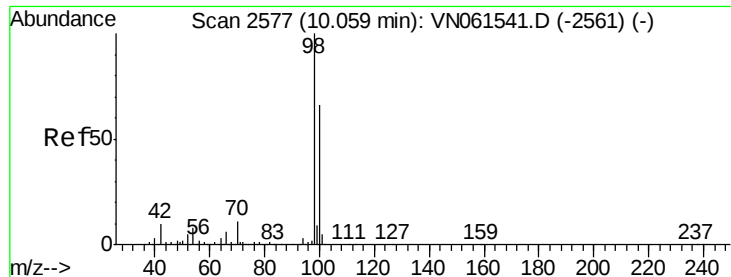
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#44
Trichloroethene
Concen: 259.160 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN061787.D
Acq: 12 Jun 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	1100553		
95	94.5	0.0	196.6	





#50

Toluene-d8

Concen: 51.776 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061787.D

Acq: 12 Jun 2020 13:40

Instrument :

MSVOA_N

ClientSampleId :

RE108D2-20200608DL

Tot Ion: 98 Resp: 615745

Ion Ratio Lower Upper

98 100

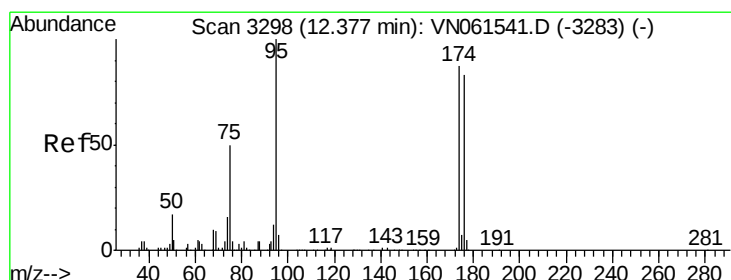
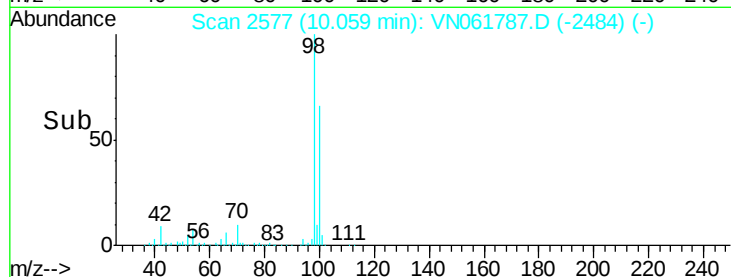
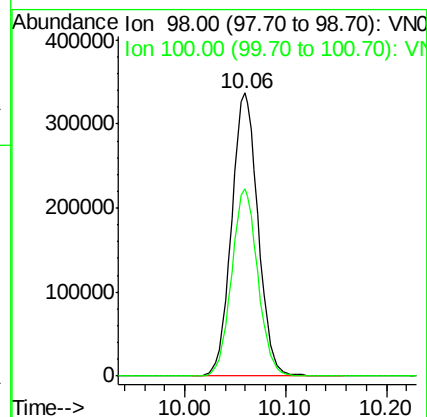
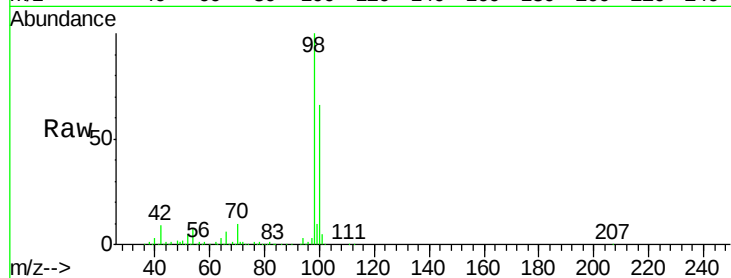
100 65.4 52.8 79.2

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#62

4-Bromofluorobenzene

Concen: 49.710 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061787.D

Acq: 12 Jun 2020 13:40

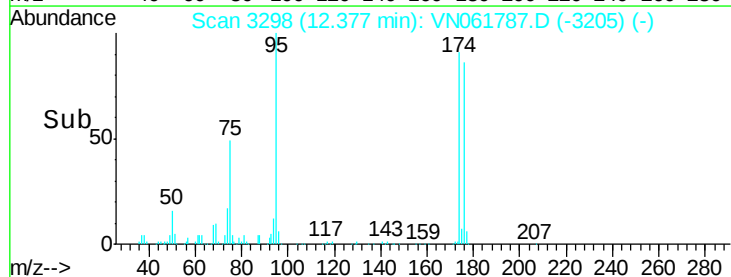
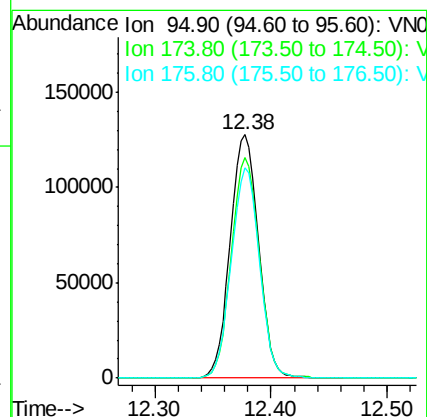
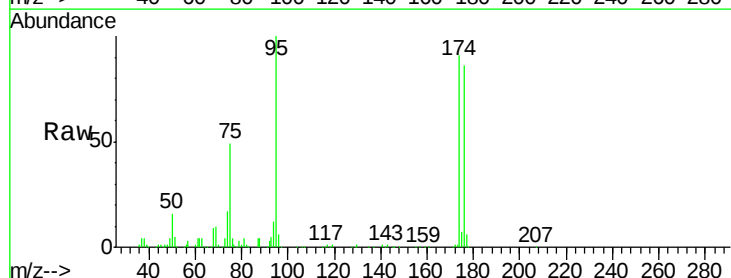
Tgt Ion: 95 Resp: 215682

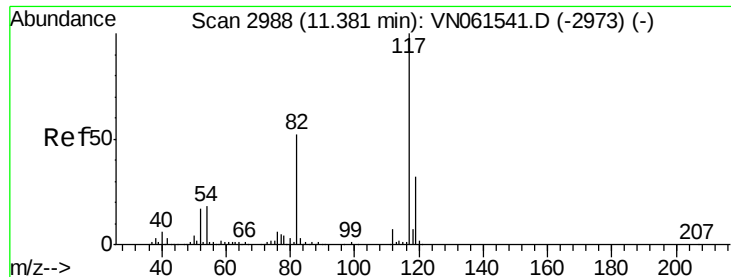
Ion Ratio Lower Upper

95 100

174 89.3 0.0 172.8

176 85.4 0.0 164.8





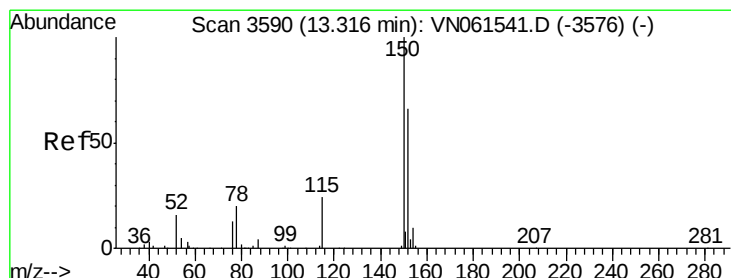
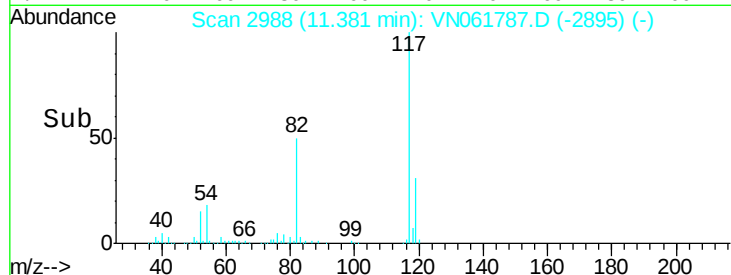
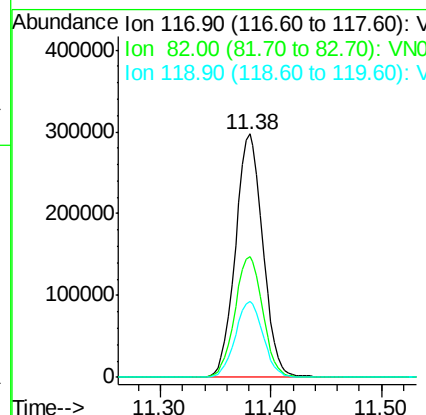
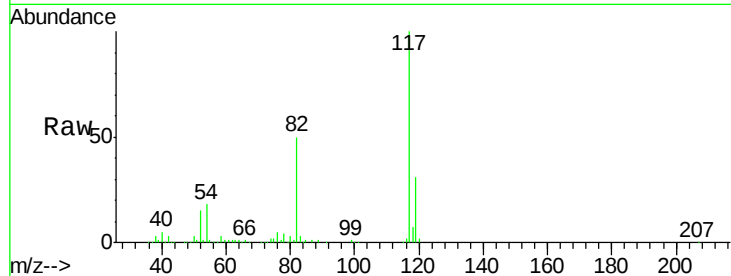
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061787.D
Acq: 12 Jun 2020 13:40

Instrument :
MSVOA_N
ClientSampleId :
RE108D2-20200608DL

Tot Ion	Ratio	Resp	Lower	Upper
117	100	511475		
82	49.6		41.5	62.3
119	31.4		25.6	38.4

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061787.D
Acq: 12 Jun 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	222537		
115	54.7		28.0	84.0
150	157.9		0.0	344.0

