

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061220\
 Data File : VN061801.D
 Acq On : 12 Jun 2020 19:07
 Operator : JC/MD
 Sample : L2989-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20200609

Quant Time: Jun 13 07:03:58 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

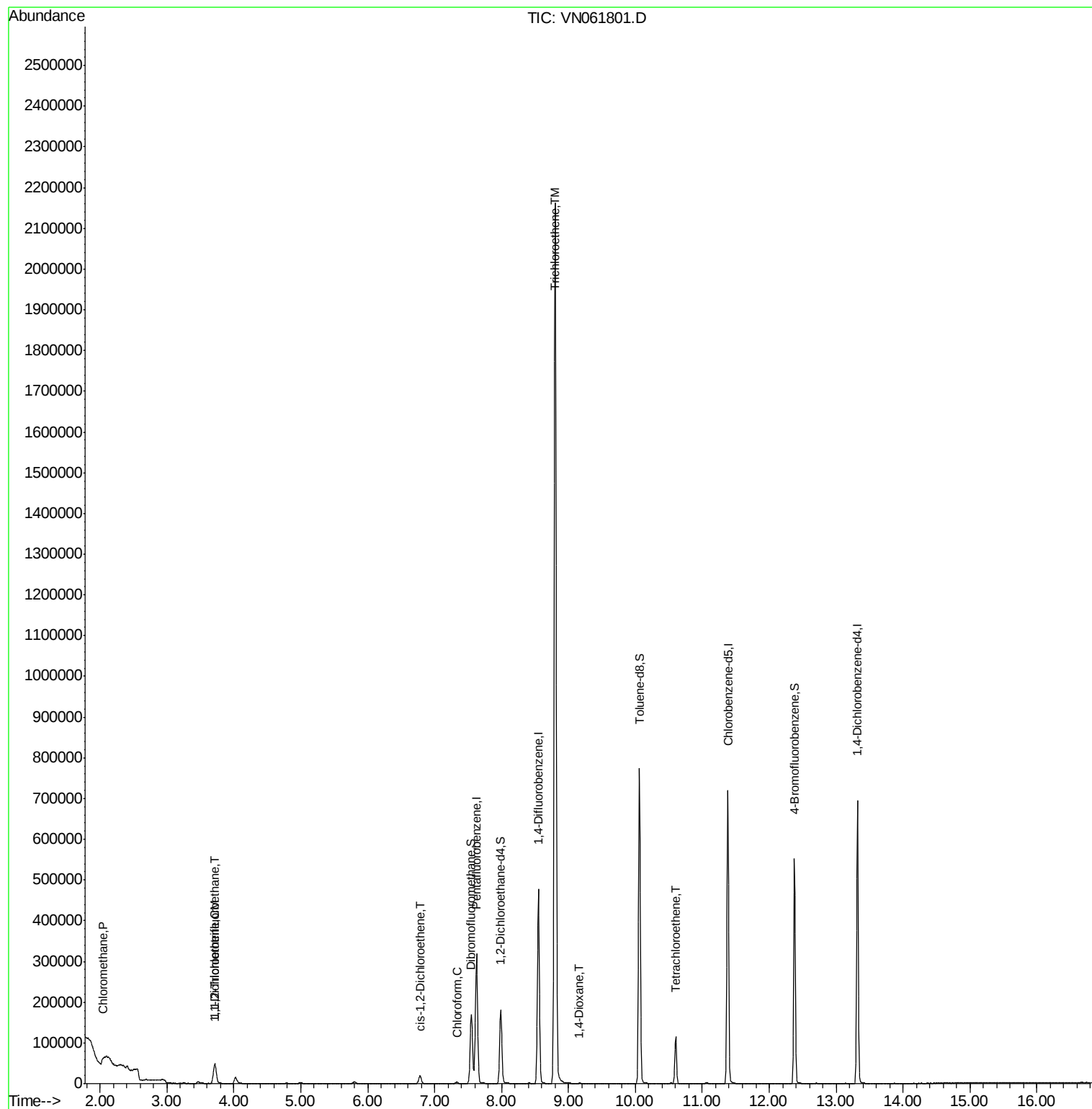
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	272825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	463070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	453615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	199835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	153134	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
35) Dibromofluoromethane	7.55	113	134399	57.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.42%	
50) Toluene-d8	10.06	98	554682	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.38	95	186495	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
Target Compounds						
3) Chloromethane	2.03	50	3810	1.145	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	27287	10.457	ug/l	95
12) 1,1-Dichloroethene	3.70	96	5527	1.983	ug/l	96
27) cis-1,2-Dichloroethene	6.78	96	13257	3.724	ug/l	89
30) Chloroform	7.33	83	4206	0.746	ug/l	98
44) Trichloroethene	8.80	130	848287	218.227	ug/l	96
49) 1,4-Dioxane	9.17	88	1038	25.070	ug/l #	89
64) Tetrachloroethene	10.60	164	28096	6.580	ug/l	96

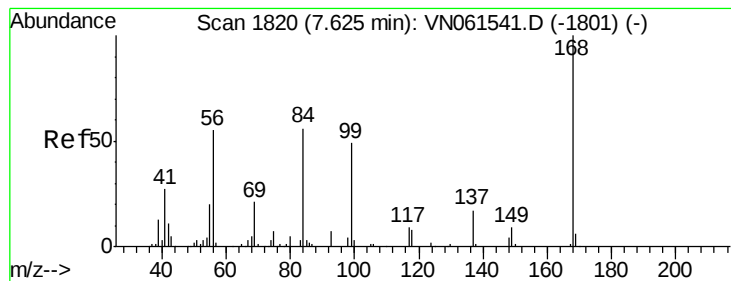
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061220\
Data File : VN061801.D
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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

Lab File: VN061801.D

Acq: 12 Jun 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

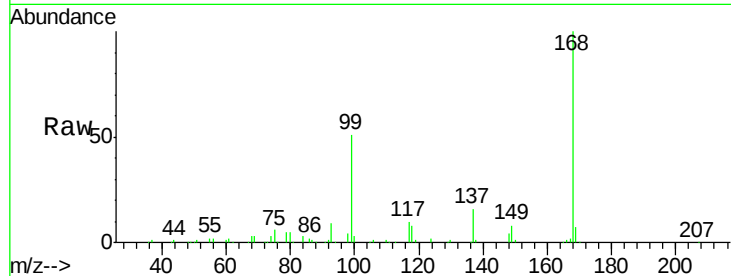
RE125D1-20200609

Tot Ion:168 Resp: 272825

Ion Ratio Lower Upper

168 100

99 51.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

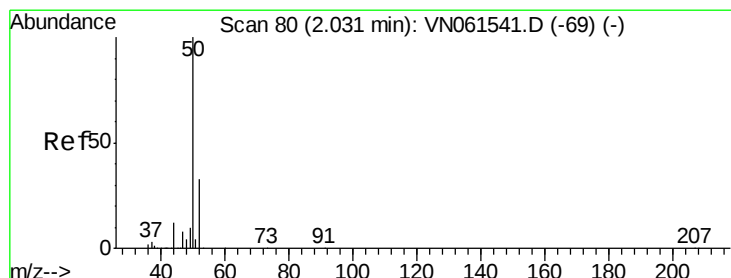
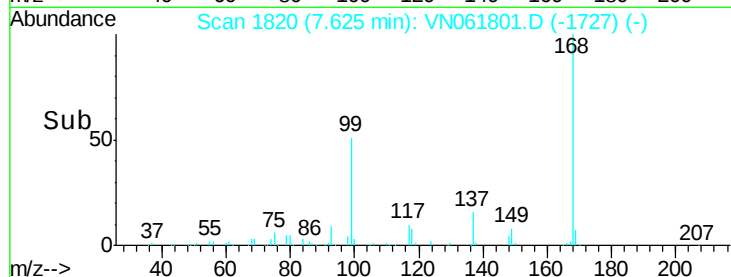
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 1.145 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061801.D

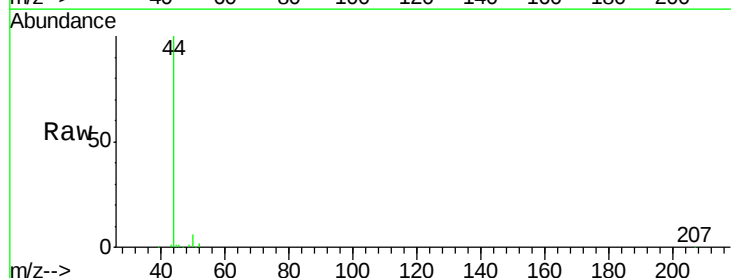
Acq: 12 Jun 2020 19:07

Tgt Ion: 50 Resp: 3810

Ion Ratio Lower Upper

50 100

52 37.5 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

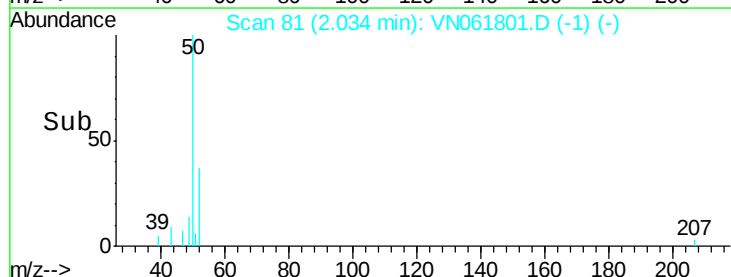
3000

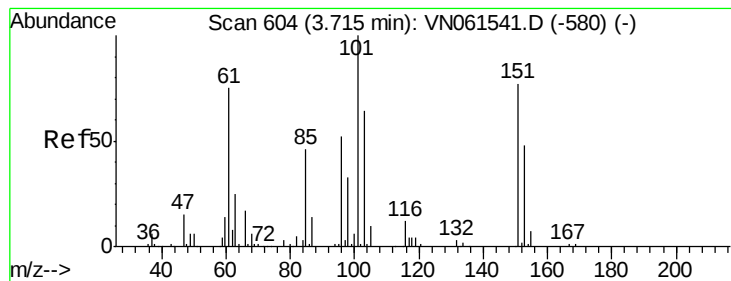
2000

1000

0

Time--> 2.00 2.02 2.04 2.06 2.08





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.457 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061801.D

Acq: 12 Jun 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20200609

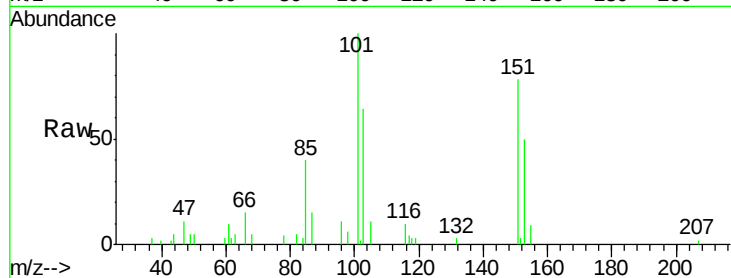
Tot Ion:101 Resp: 27287

Ion Ratio Lower Upper

101 100

85 43.0 35.2 52.8

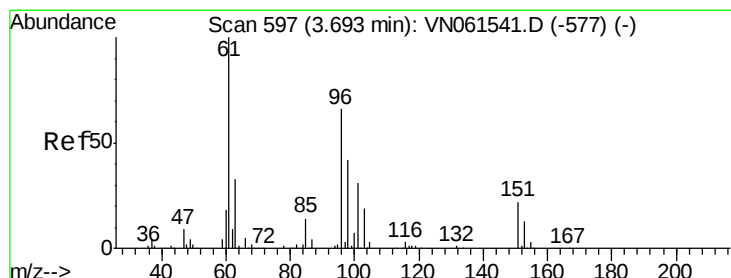
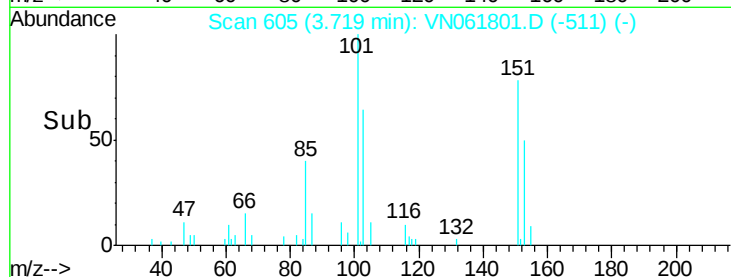
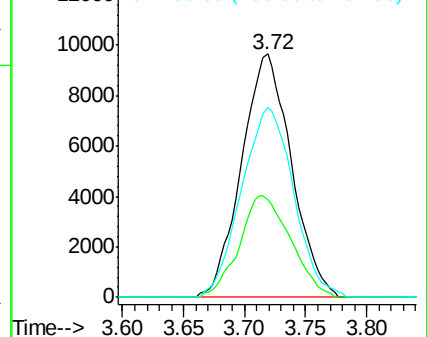
151 81.7 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 1.983 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN061801.D

Acq: 12 Jun 2020 19:07

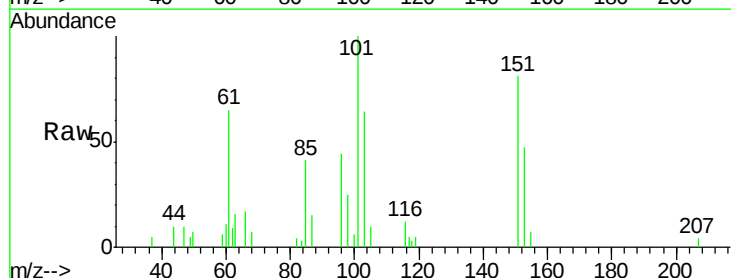
Tgt Ion: 96 Resp: 5527

Ion Ratio Lower Upper

96 100

61 147.7 120.5 180.7

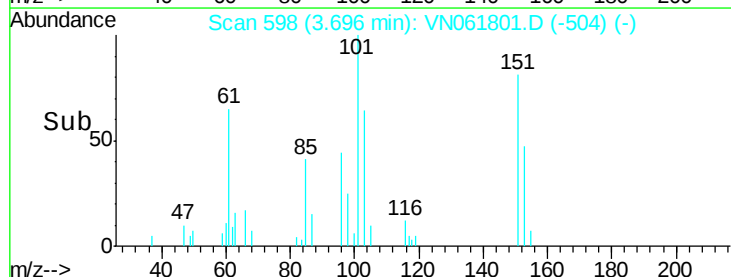
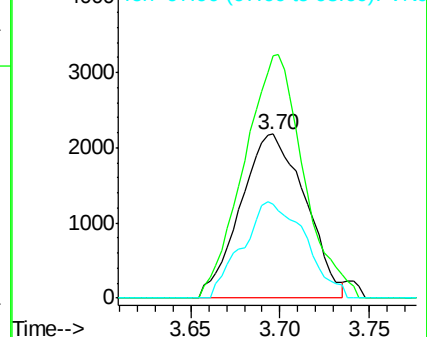
98 57.0 50.8 76.2

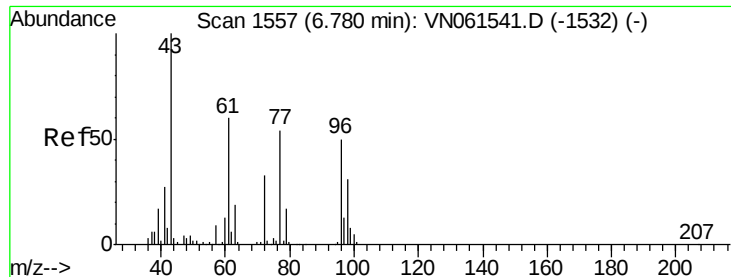


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

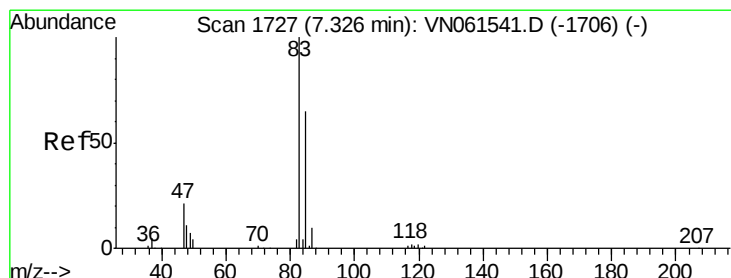
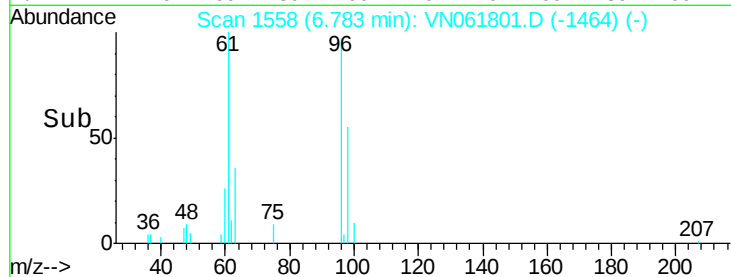
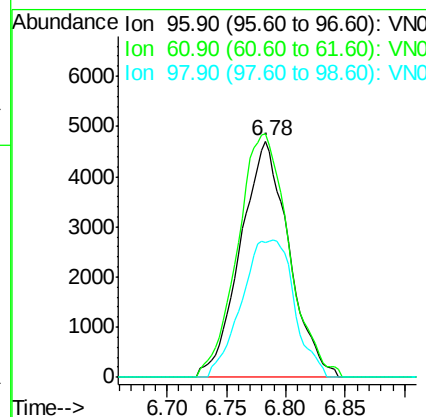
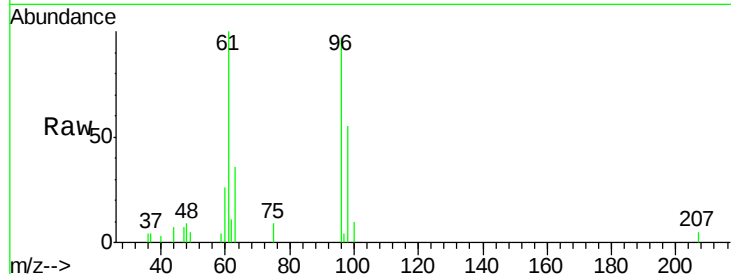




#27
 cis-1,2-Dichloroethene
 Concen: 3.724 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN061801.D
 Acq: 12 Jun 2020 19:07

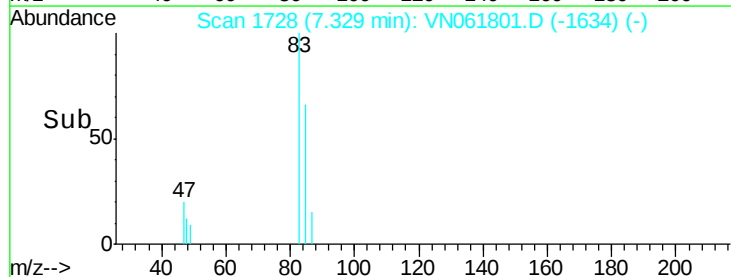
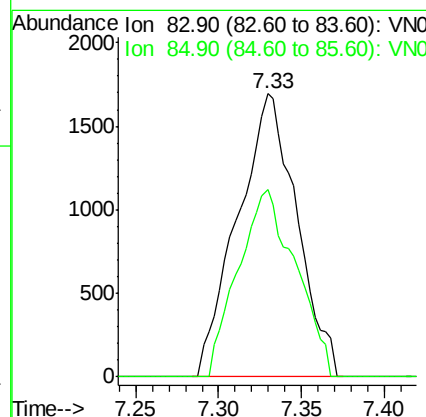
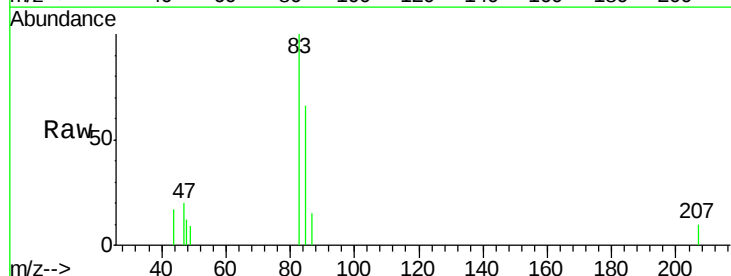
Instrument :
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 RE125D1-20200609

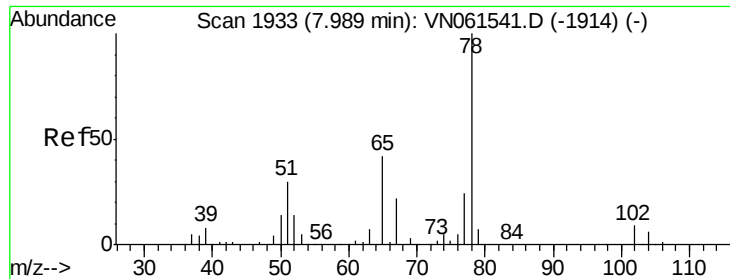
Tot Ion: 96 Resp: 13257
 Ion Ratio Lower Upper
 96 100
 61 109.2 0.0 252.2
 98 62.8 0.0 129.2



#30
 Chloroform
 Concen: 0.746 ug/l
 RT: 7.33 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: VN061801.D
 Acq: 12 Jun 2020 19:07

Tgt Ion: 83 Resp: 4206
 Ion Ratio Lower Upper
 83 100
 85 66.4 51.7 77.5

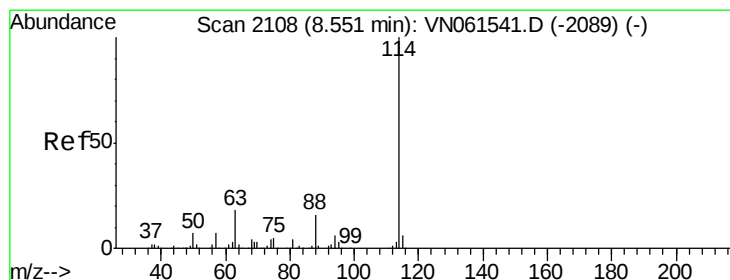
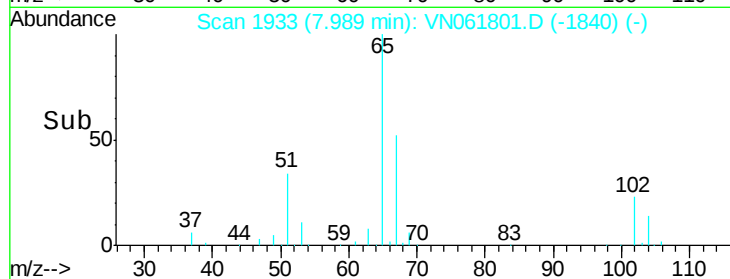
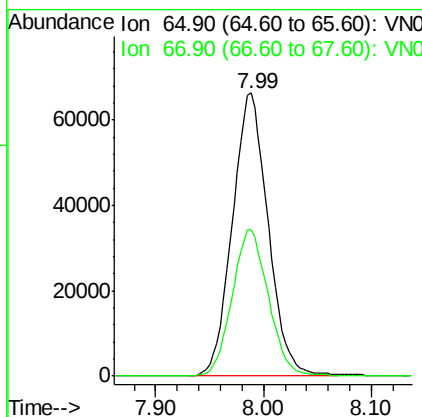
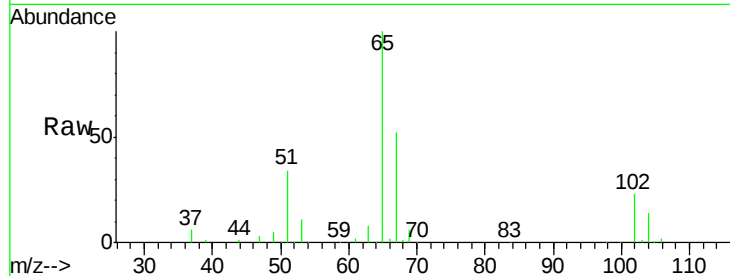




#33
 1,2-Dichloroethane-d4
 Concen: 47.110 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061801.D
 Acq: 12 Jun 2020 19:07

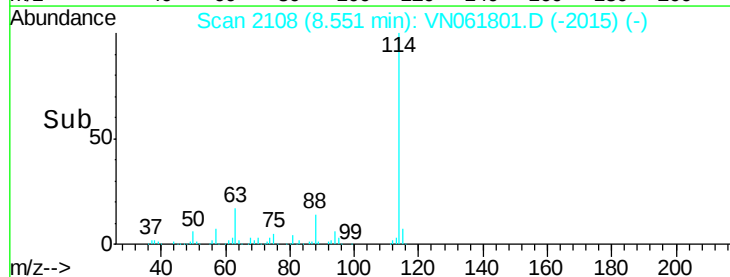
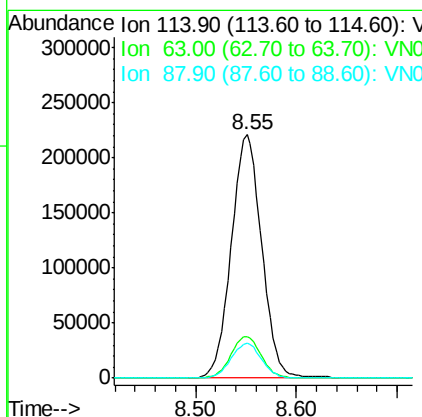
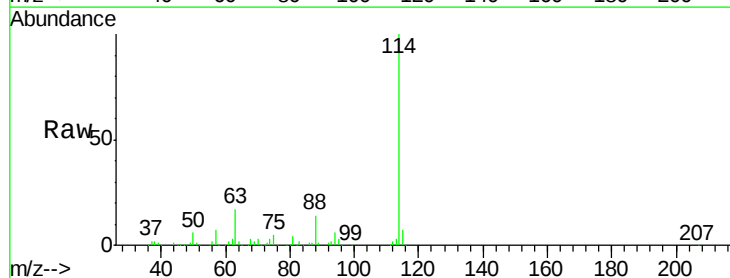
Instrument :
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 ClientSampleId :
 RE125D1-20200609

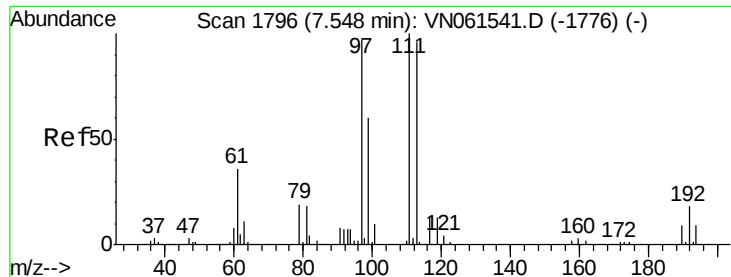
Tot Ion: 65 Resp: 153134
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061801.D
 Acq: 12 Jun 2020 19:07

Tgt Ion: 114 Resp: 463070
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.8
 88 14.1 0.0 31.0

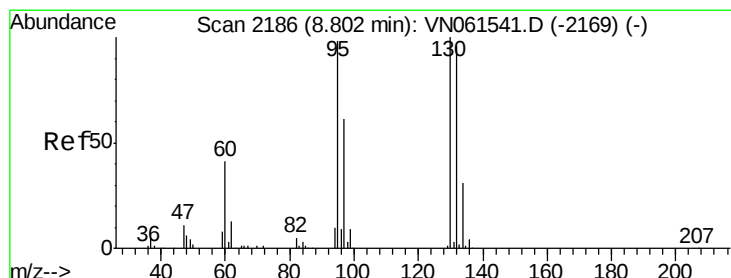
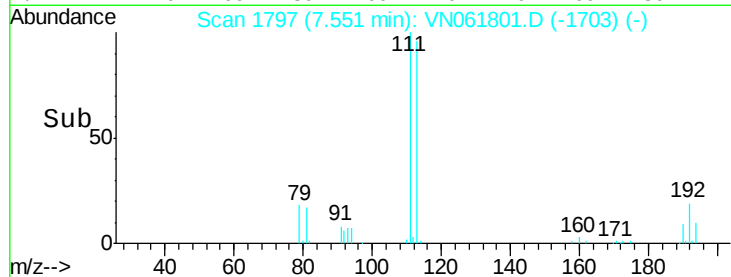
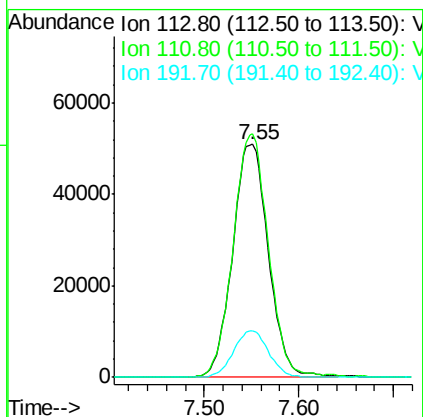
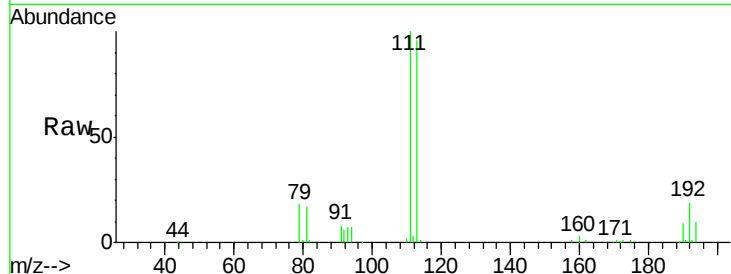




#35
 Dibromofluoromethane
 Concen: 57.214 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061801.D
 Acq: 12 Jun 2020 19:07

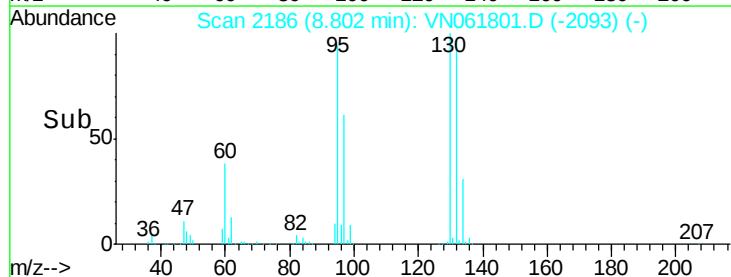
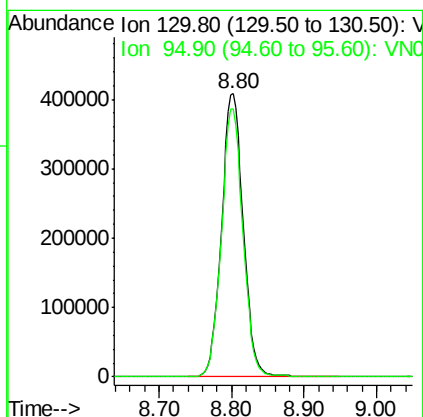
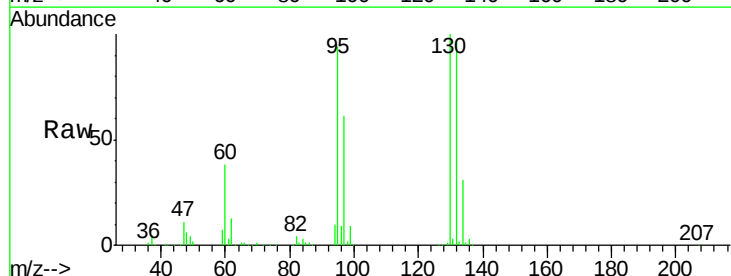
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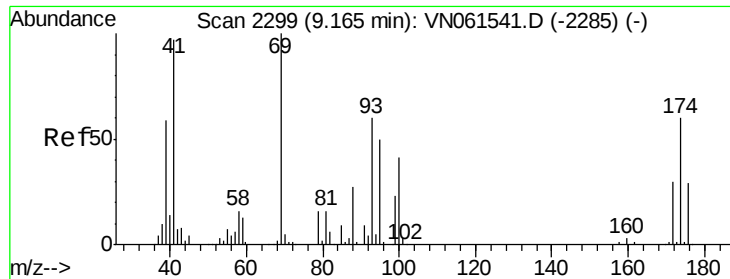
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.4	125.0
192	19.6	15.4	23.2



#44
 Trichloroethene
 Concen: 218.227 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN061801.D
 Acq: 12 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	196.6

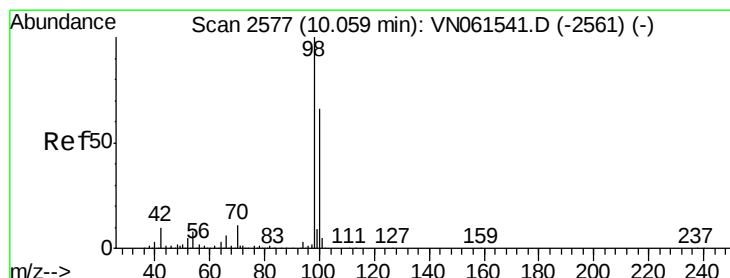
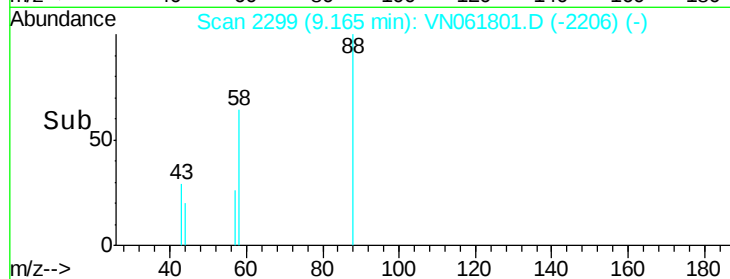
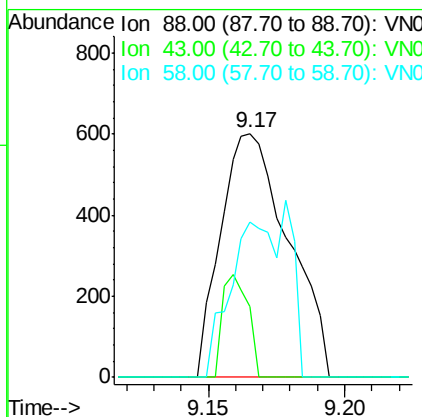
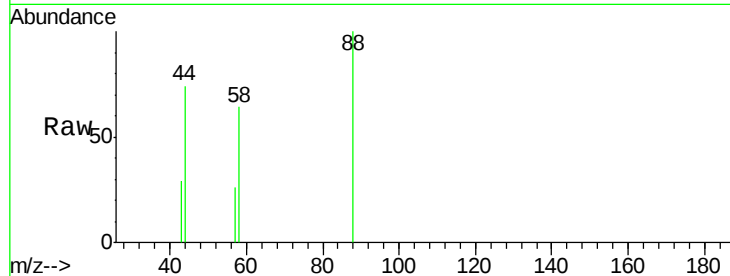




#49
 1,4-Dioxane
 Concen: 25.070 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061801.D
 Acq: 12 Jun 2020 19:07

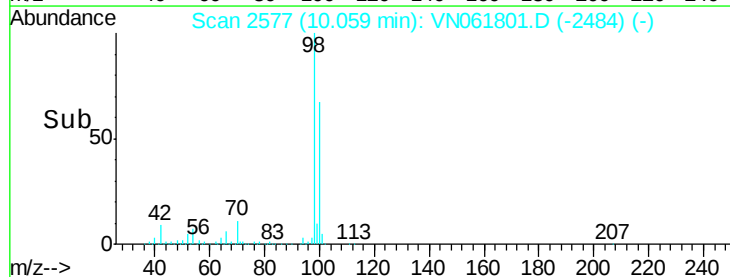
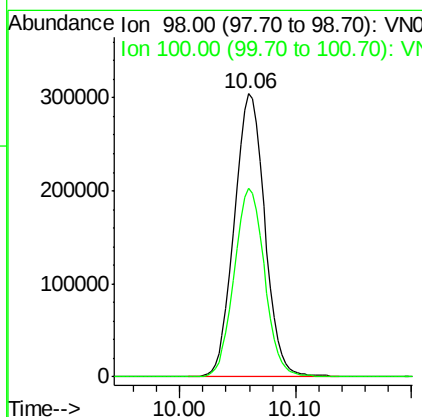
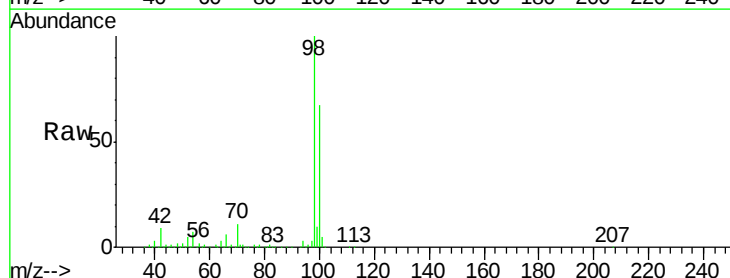
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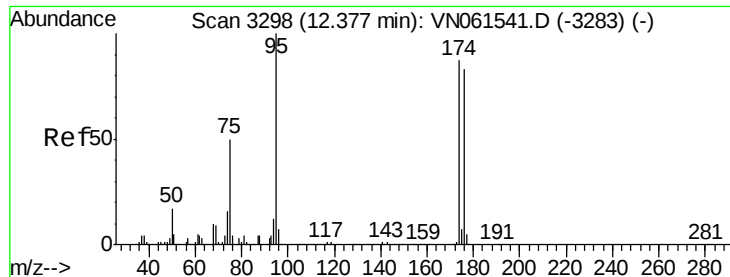
Tot Ion: 88 Resp: 1038
 Ion Ratio Lower Upper
 88 100
 43 16.2 23.1 34.7#
 58 57.0 48.3 72.5



#50
 Toluene-d8
 Concen: 50.954 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061801.D
 Acq: 12 Jun 2020 19:07

Tgt Ion: 98 Resp: 554682
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.8 79.2

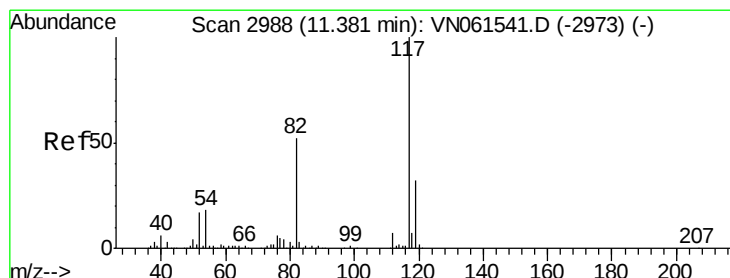
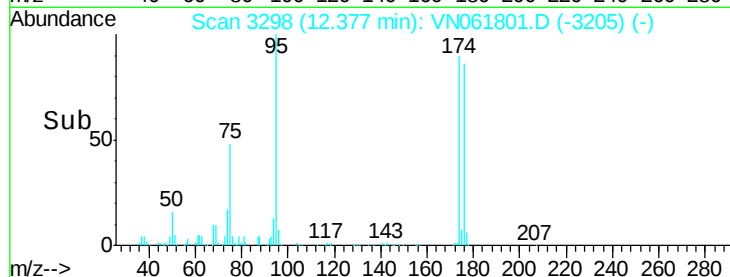
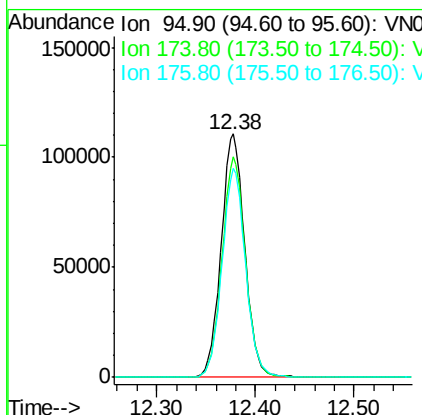
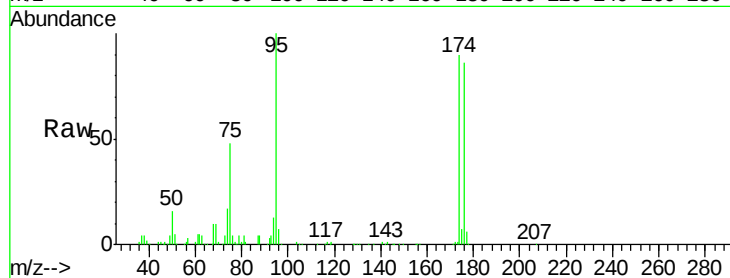




#62
4-Bromofluorobenzene
Concen: 46.958 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061801.D
Acq: 12 Jun 2020 19:07

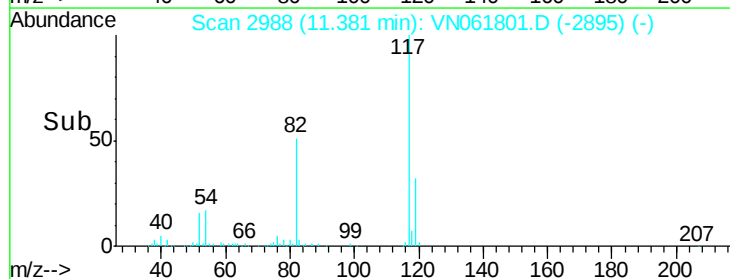
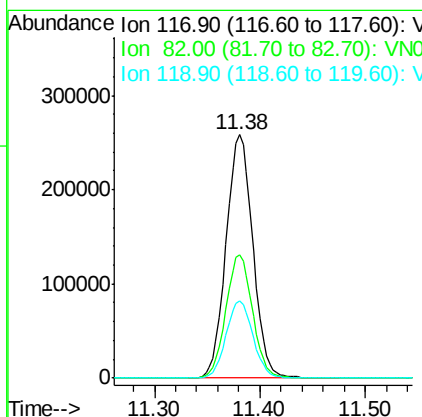
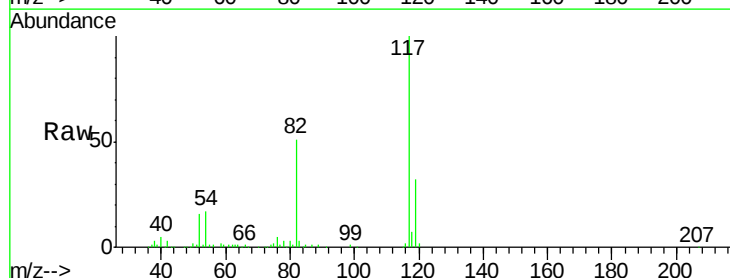
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20200609

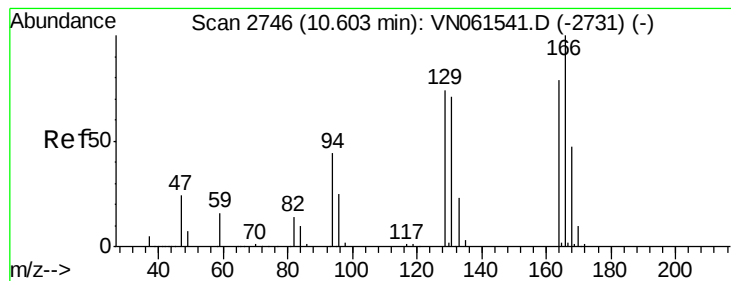
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	172.8
176	85.6	0.0	164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061801.D
Acq: 12 Jun 2020 19:07

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.5	62.3
119	31.7	25.6	38.4





#64

Tetrachloroethene

Concen: 6.580 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN061801.D

Acq: 12 Jun 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20200609

Tot Ion:164 Resp: 28096

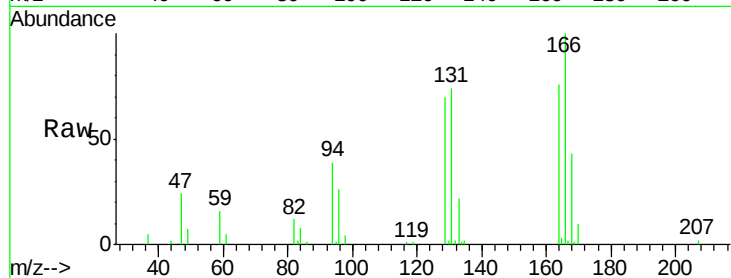
Ion Ratio Lower Upper

164 100

166 131.7 101.5 152.3

129 91.6 74.9 112.3

131 96.9 72.2 108.2

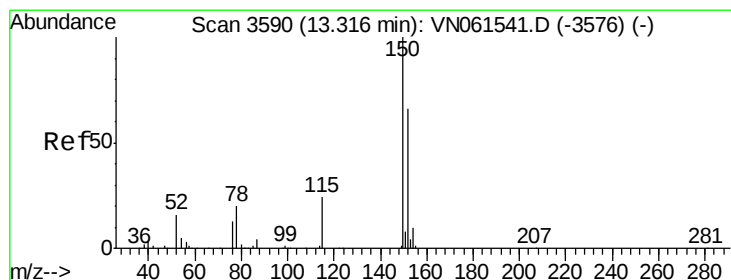
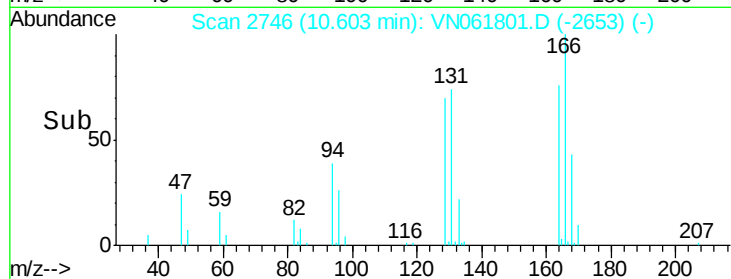
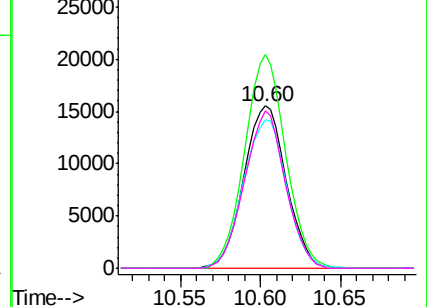


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN061801.D

Acq: 12 Jun 2020 19:07

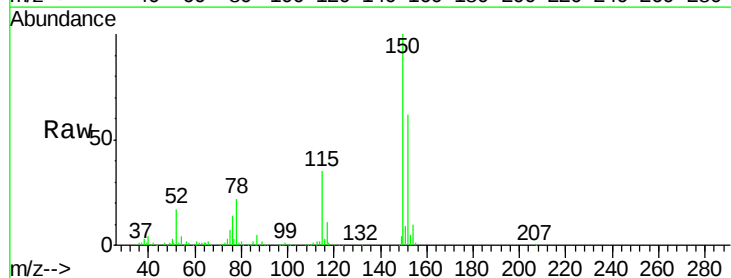
Tgt Ion:152 Resp: 199835

Ion Ratio Lower Upper

152 100

115 54.9 28.0 84.0

150 158.3 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

