

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061745.D
 Acq On : 11 Jun 2020 14:30
 Operator : JC/MD
 Sample : L2988-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20200608

Quant Time: Jun 12 06:45:01 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	278225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	461479	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193165	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	150366	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
35) Dibromofluoromethane	7.55	113	130351	55.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.36%	
50) Toluene-d8	10.06	98	550341	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.38	95	186815	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	

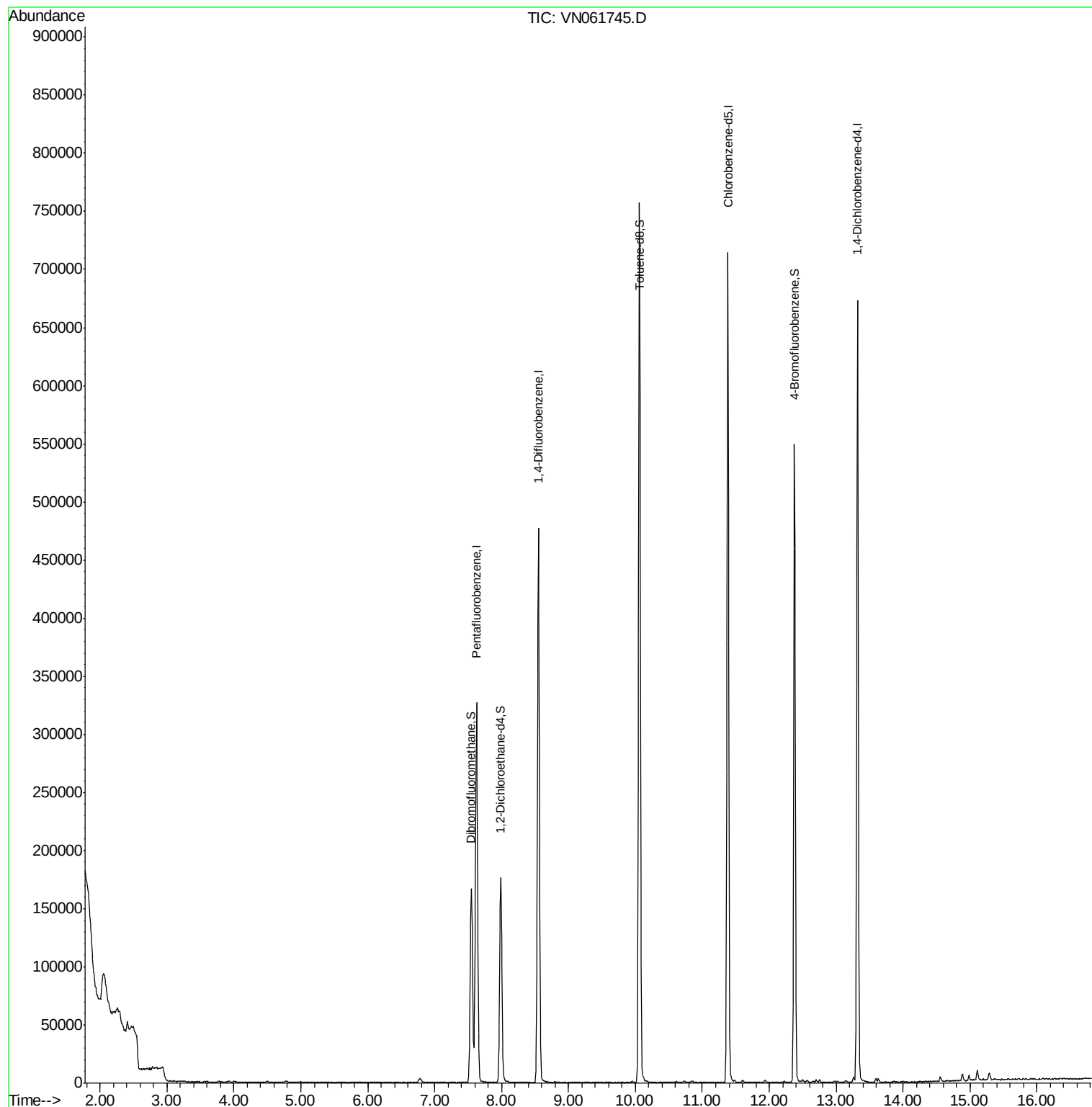
Target Compounds	Qvalue

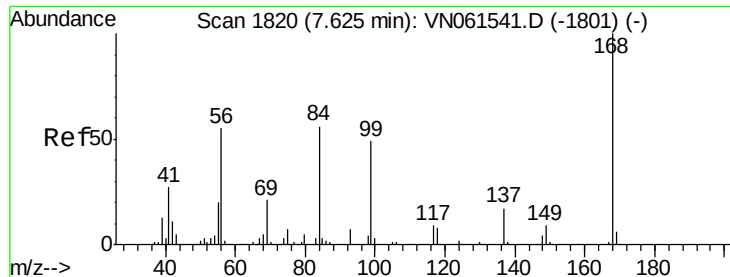
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061120\
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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: VN061745.D

Acq: 11 Jun 2020 14:30

Instrument :

MSVOA_N

ClientSampleId :

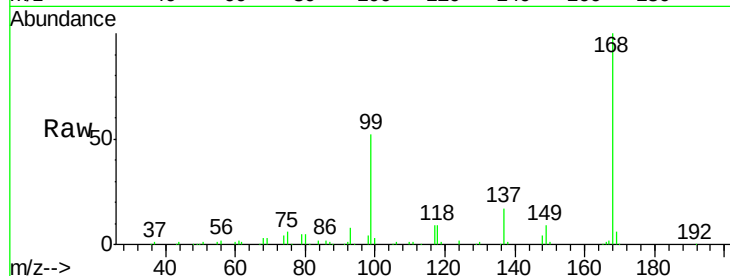
TB-20200608

Tot Ion:168 Resp: 278225

Ion Ratio Lower Upper

168 100

99 52.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

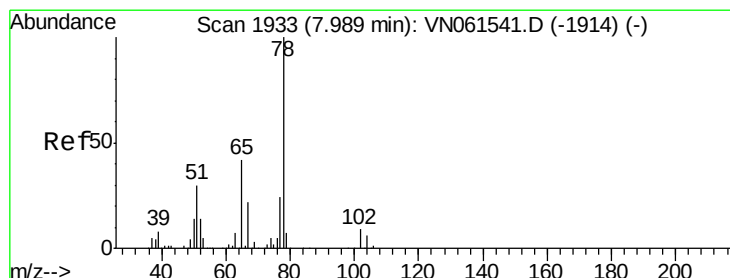
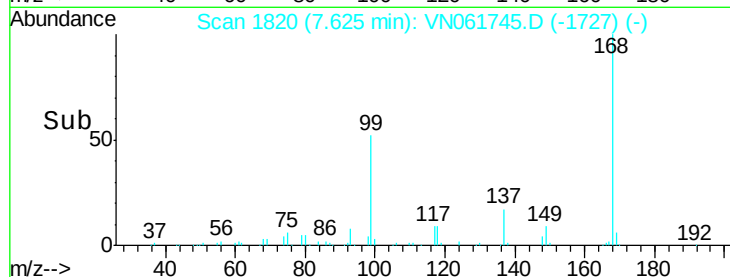
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 45.361 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061745.D

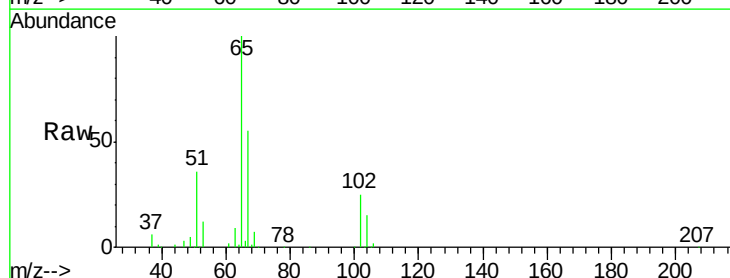
Acq: 11 Jun 2020 14:30

Tgt Ion: 65 Resp: 150366

Ion Ratio Lower Upper

65 100

67 52.9 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

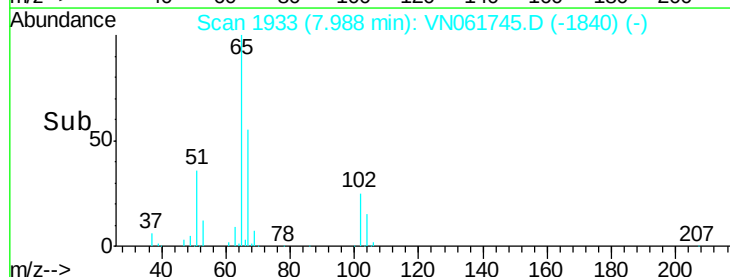
60000

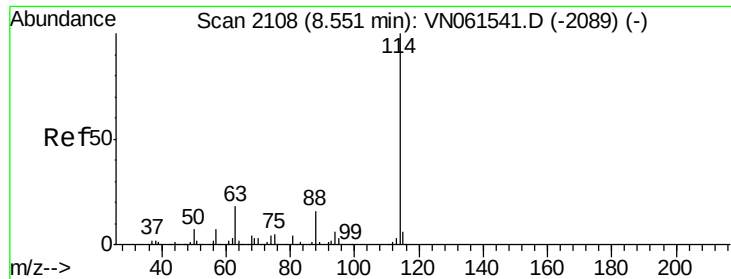
40000

20000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061745.D

Acq: 11 Jun 2020 14:30

Instrument :

MSVOA_N

ClientSampleId :

TB-20200608

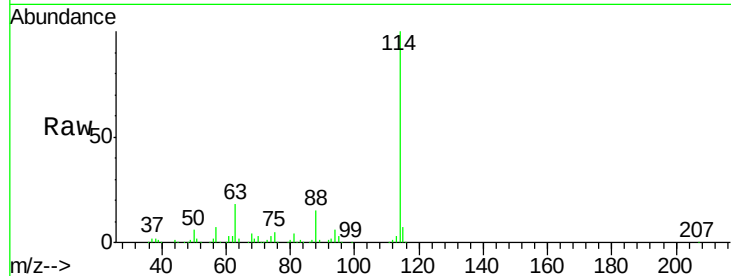
Tot Ion:114 Resp: 461479

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.8

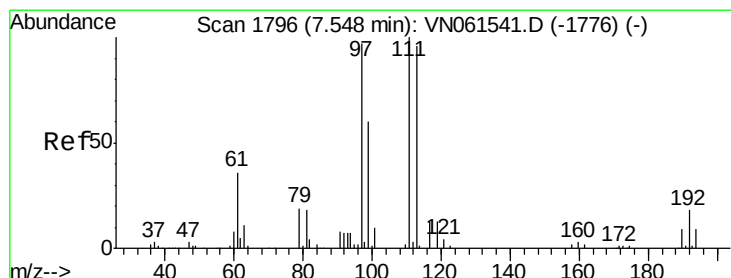
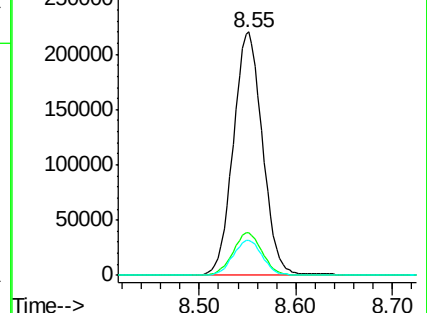
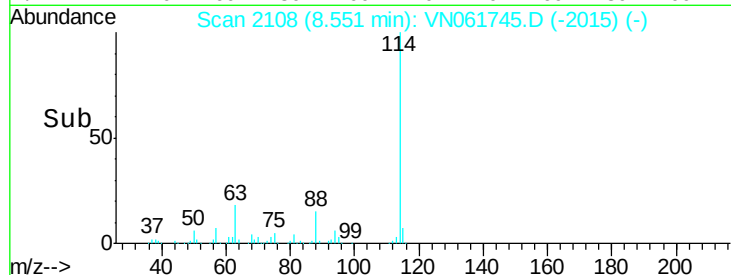
88 14.6 0.0 31.0



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: 55.682 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN061745.D

Acq: 11 Jun 2020 14:30

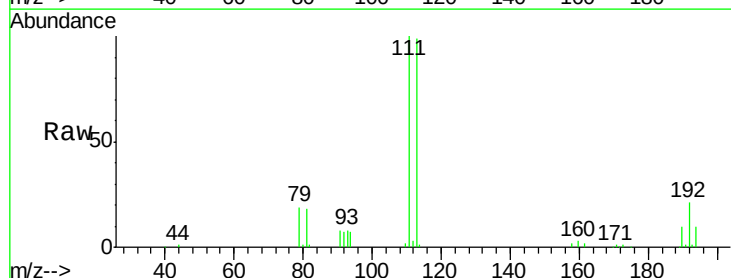
Tgt Ion:113 Resp: 130351

Ion Ratio Lower Upper

113 100

111 100.9 83.4 125.0

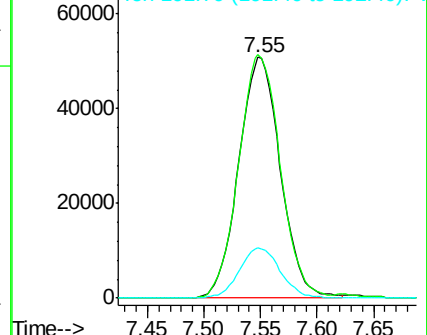
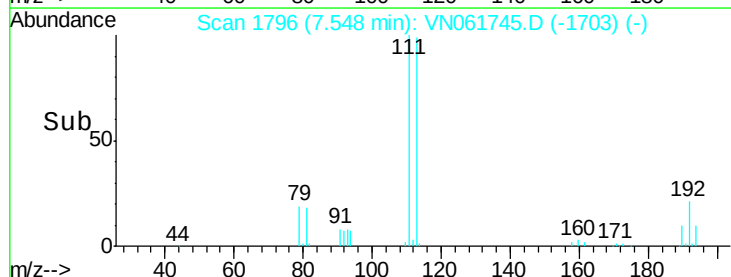
192 20.5 15.4 23.2

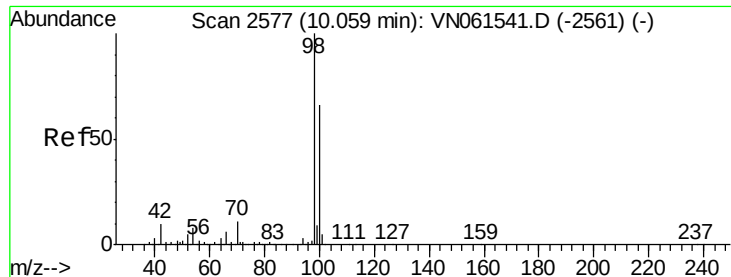


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.730 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061745.D

Acq: 11 Jun 2020 14:30

Instrument :

MSVOA_N

ClientSampleId :

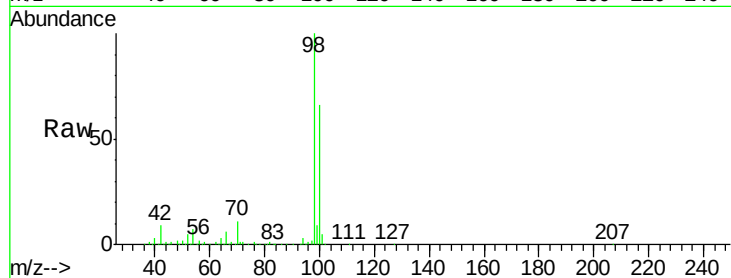
TB-20200608

Tot Ion: 98 Resp: 550341

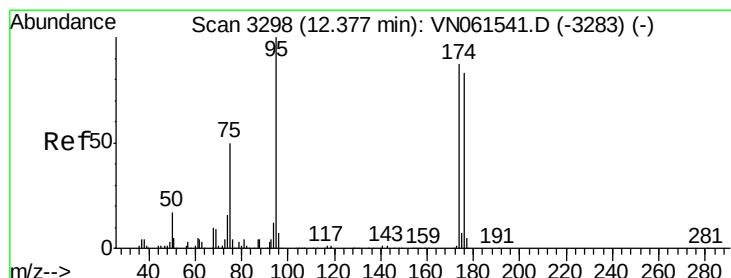
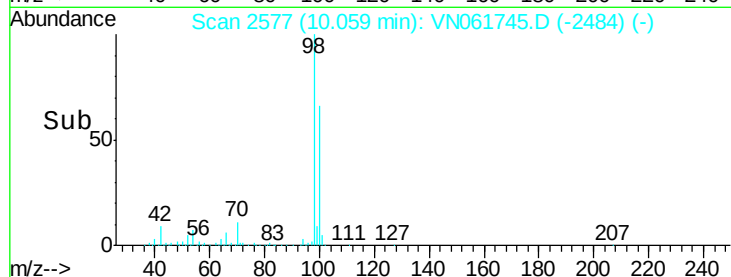
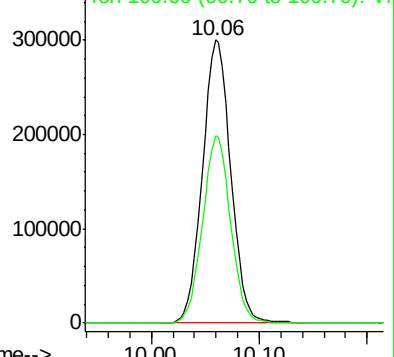
Ion Ratio Lower Upper

98 100

100 65.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061745.D (-2484) (-)



#62

4-Bromofluorobenzene

Concen: 47.200 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061745.D

Acq: 11 Jun 2020 14:30

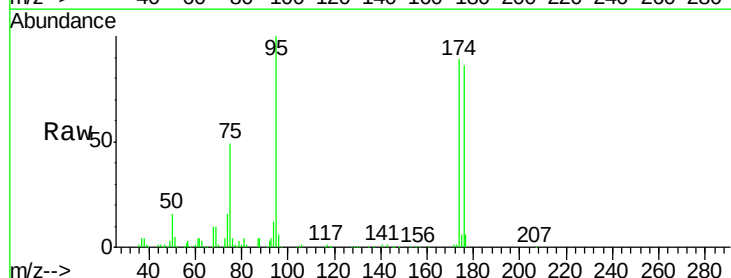
Tgt Ion: 95 Resp: 186815

Ion Ratio Lower Upper

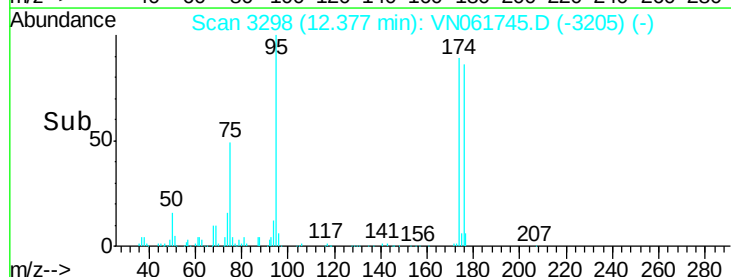
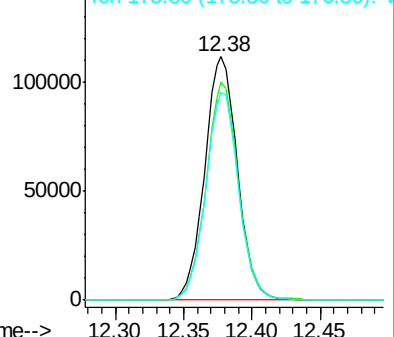
95 100

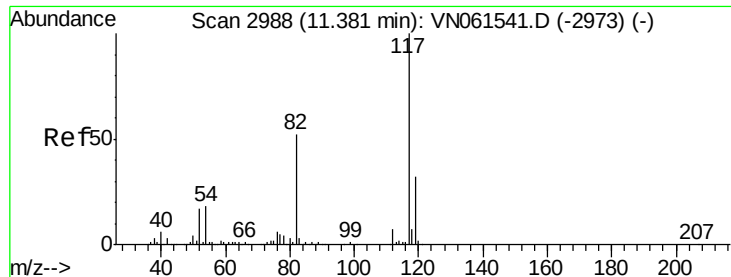
174 88.6 0.0 172.8

176 85.4 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061745.D (-3205) (-)

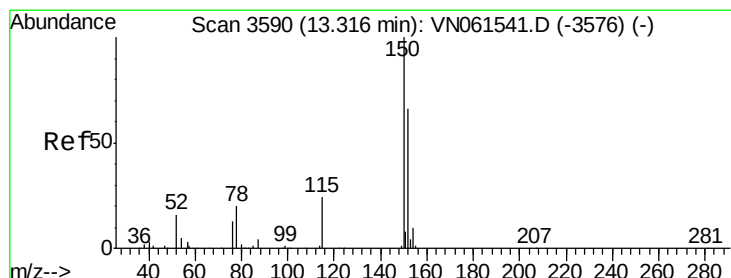
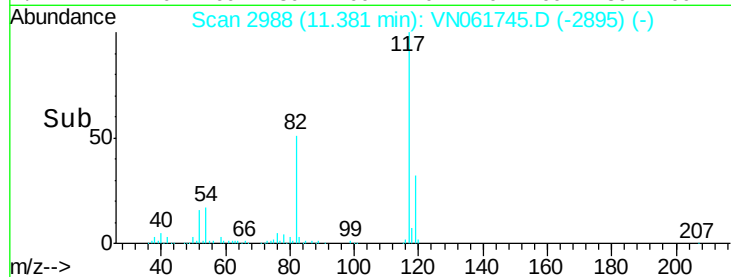
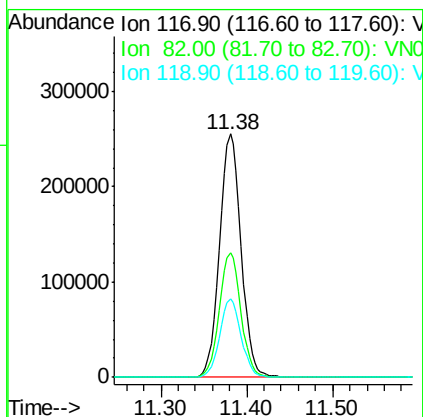
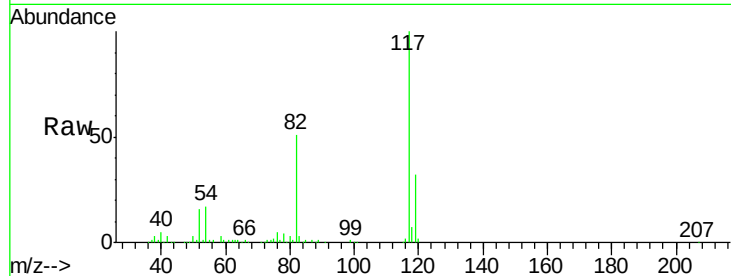




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061745.D
Acq: 11 Jun 2020 14:30

Instrument :
MSVOA_N
ClientSampleId :
TB-20200608

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.5	62.3
119	32.1	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061745.D
Acq: 11 Jun 2020 14:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.0	84.0
150	156.1	0.0	344.0

