

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061487.D
 Acq On : 19 May 2020 16:43
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 20 05:53:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	327470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	583035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	561515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	250043	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	215085	44.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.02%	
35) Dibromofluoromethane	7.55	113	167343	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
50) Toluene-d8	10.06	98	715536	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.37	95	269525	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	

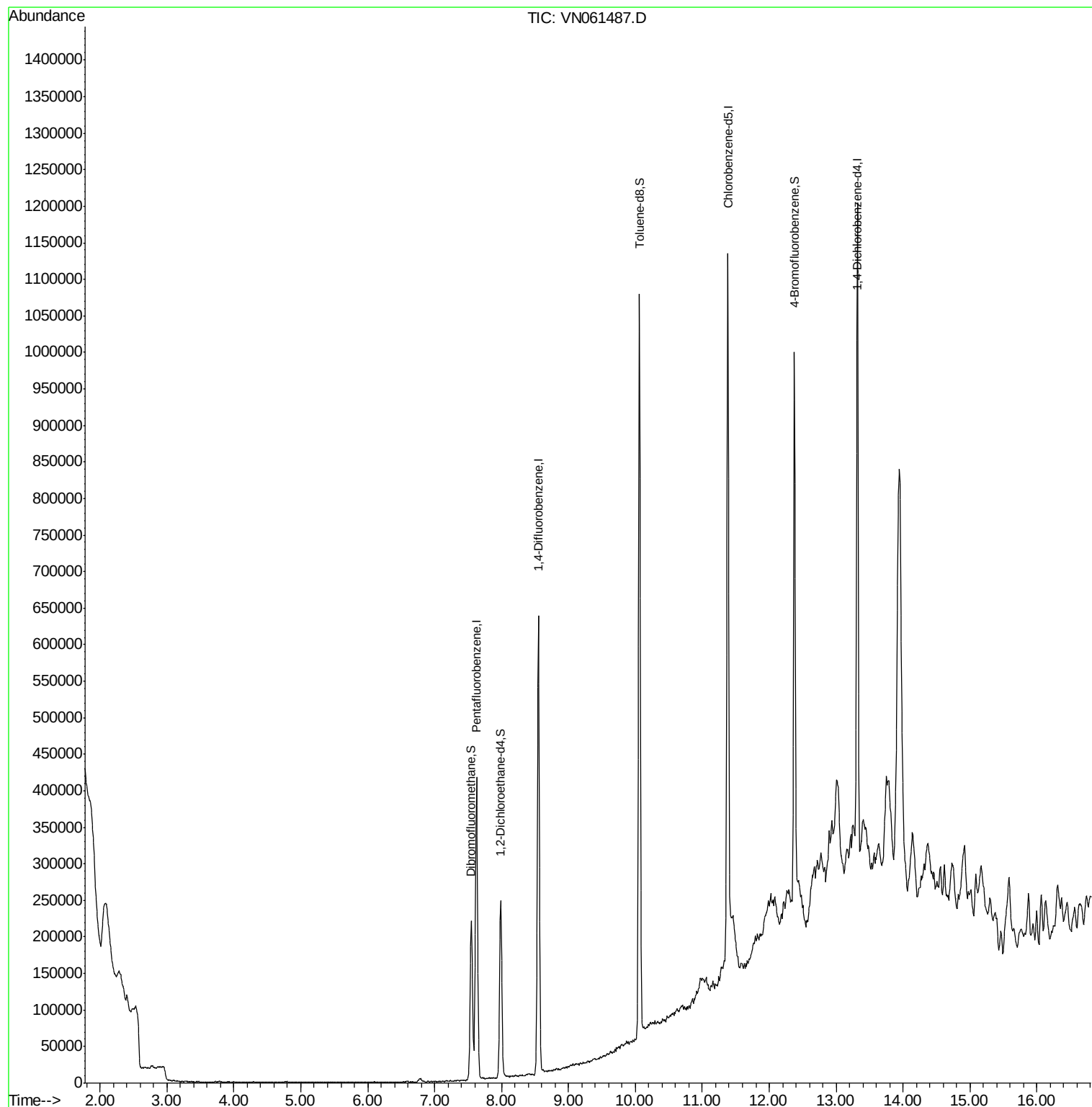
Target Compounds	Qvalue
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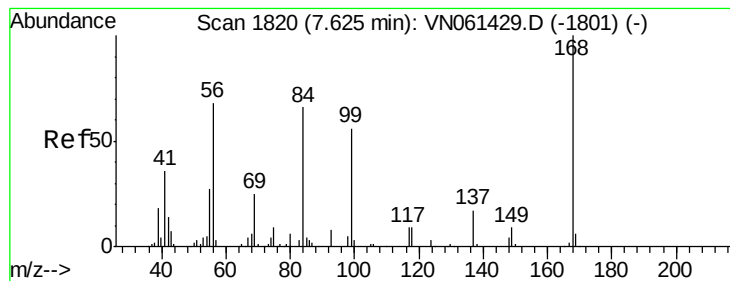
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 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: VN061487.D

Acq: 19 May 2020 16:43

Instrument :

MSVOA_N

ClientSampled :

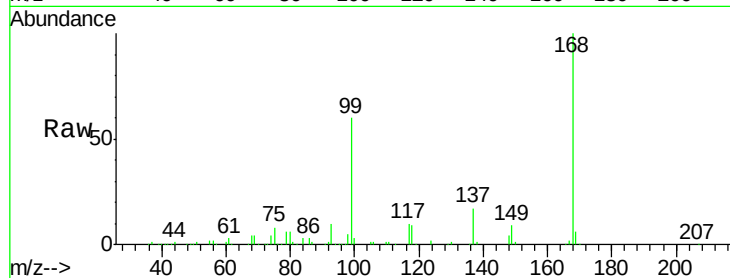
IBLK

Tot Ion:168 Resp: 327470

Ion Ratio Lower Upper

168 100

99 60.2 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

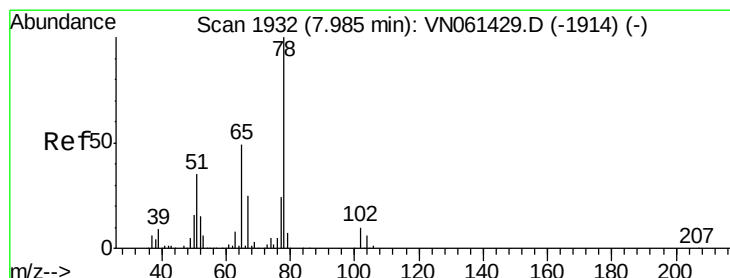
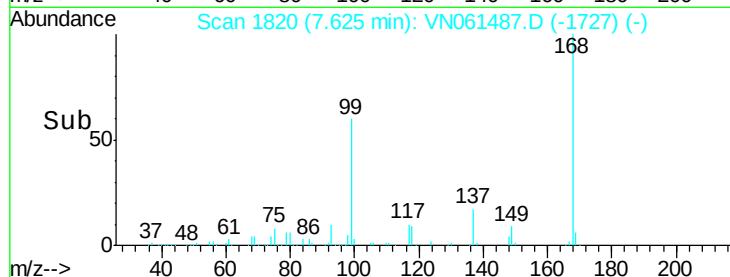
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 44.009 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061487.D

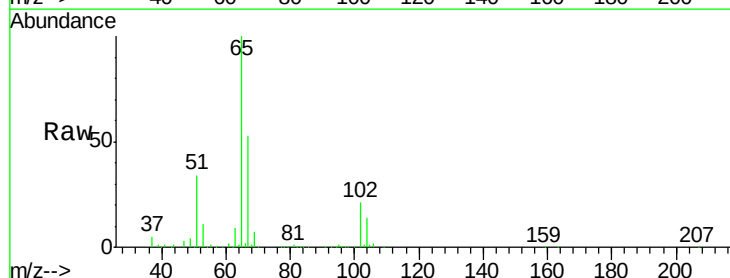
Acq: 19 May 2020 16:43

Tgt Ion: 65 Resp: 215085

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

100000

80000

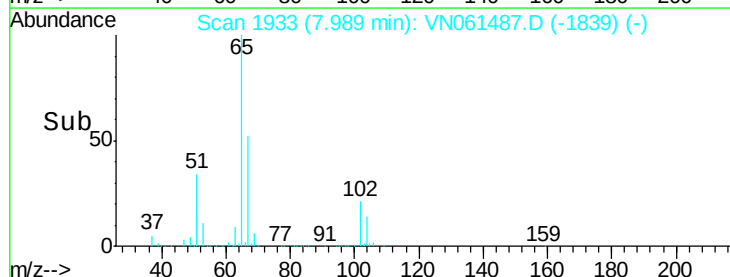
60000

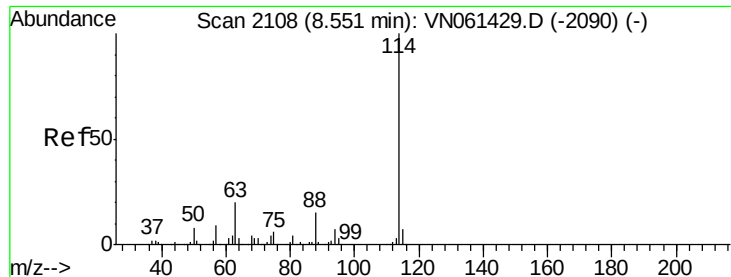
40000

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: VN061487.D

Acq: 19 May 2020 16:43

Instrument :

MSVOA_N

ClientSampleId :

IBLK

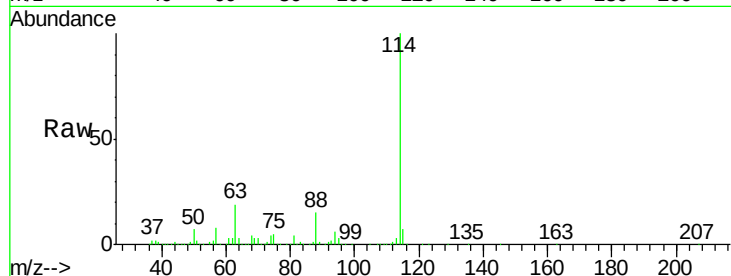
Tot Ion:114 Resp: 583035

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.8

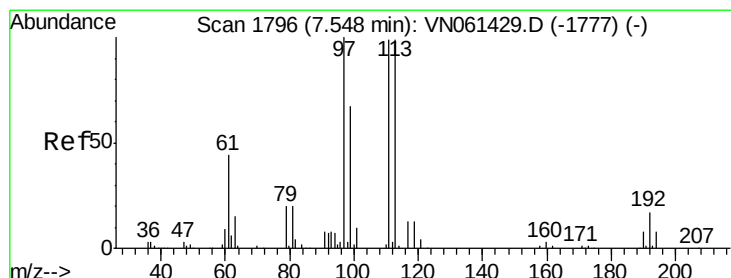
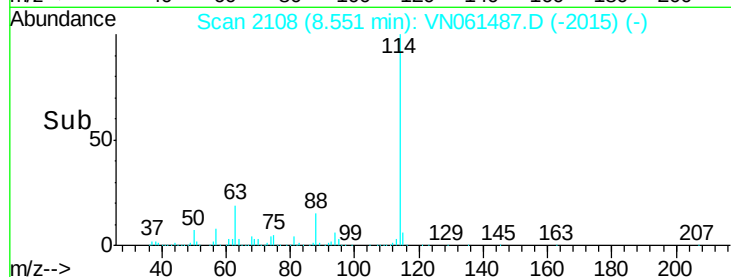
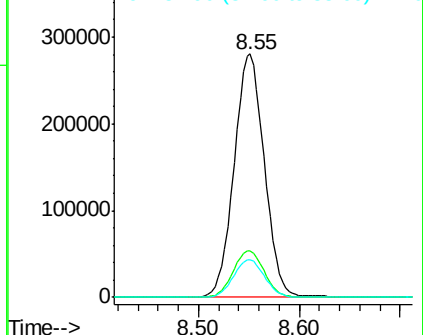
88 15.4 0.0 30.8



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: 54.788 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061487.D

Acq: 19 May 2020 16:43

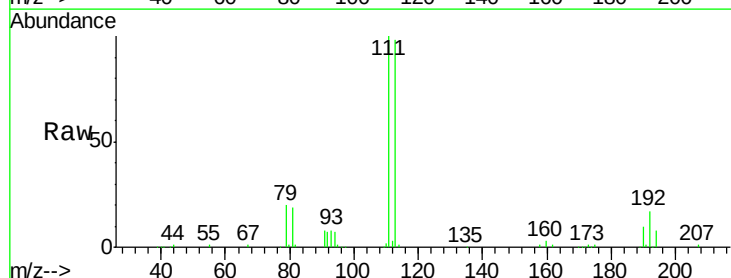
Tgt Ion:113 Resp: 167343

Ion Ratio Lower Upper

113 100

111 102.4 80.6 121.0

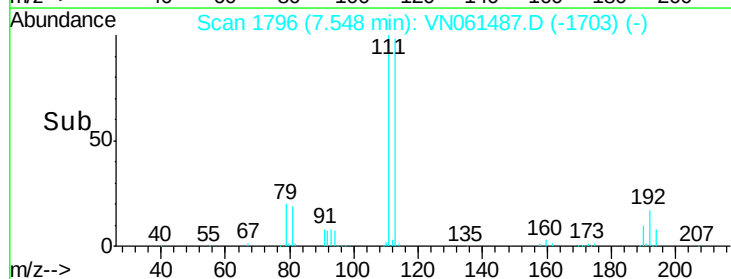
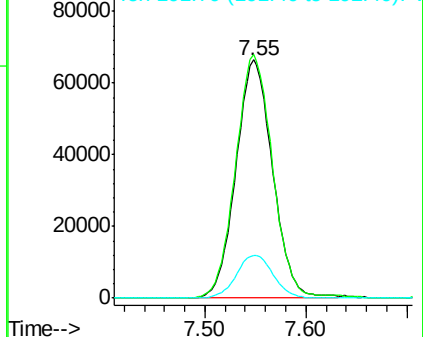
192 18.1 13.2 19.8

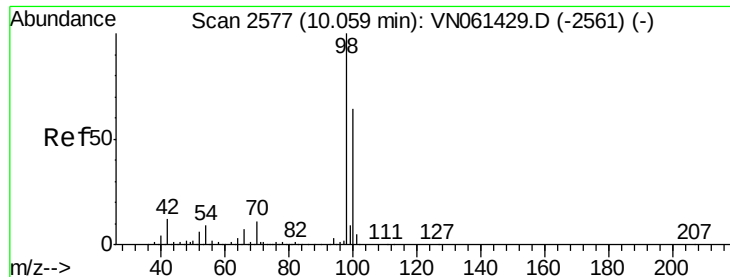


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.508 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061487.D

Acq: 19 May 2020 16:43

Instrument :

MSVOA_N

ClientSampled :

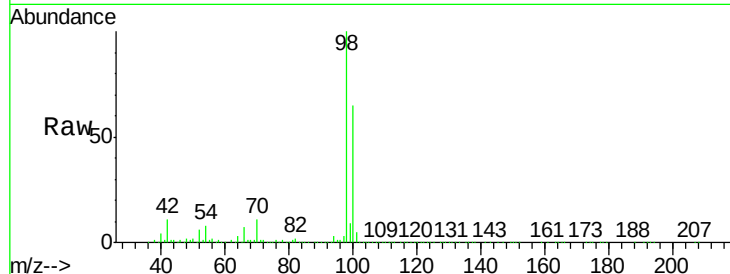
IBLK

Tot Ion: 98 Resp: 715536

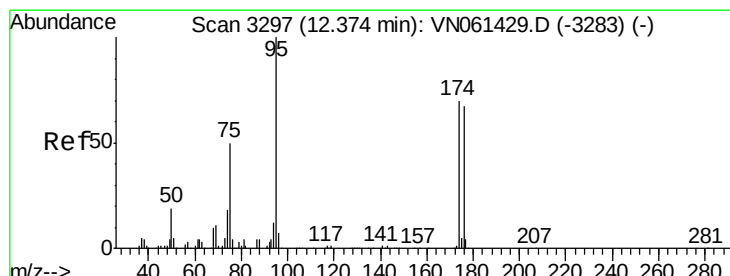
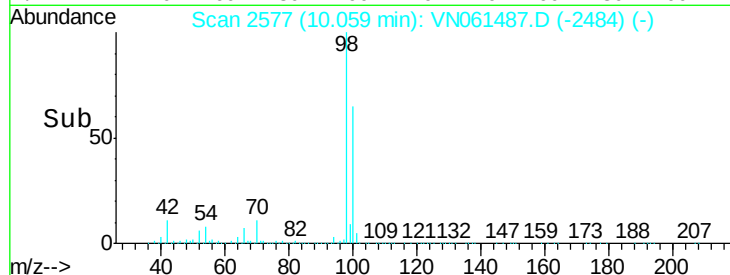
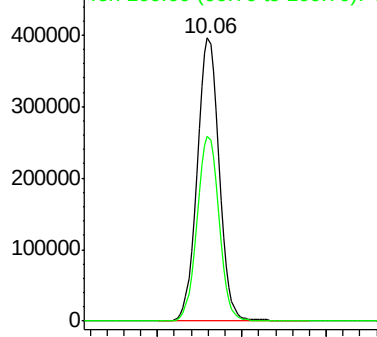
Ion Ratio Lower Upper

98 100

100 65.6 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN061487.D (-2484) (-)



#62

4-Bromofluorobenzene

Concen: 50.923 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061487.D

Acq: 19 May 2020 16:43

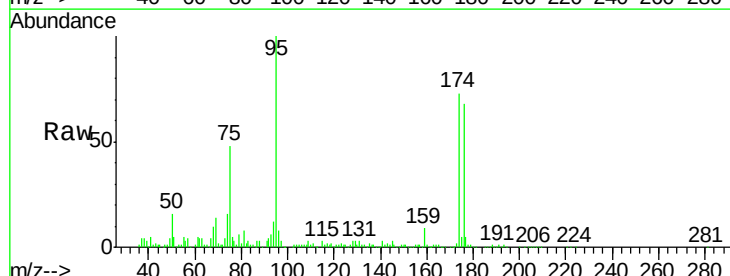
Tgt Ion: 95 Resp: 269525

Ion Ratio Lower Upper

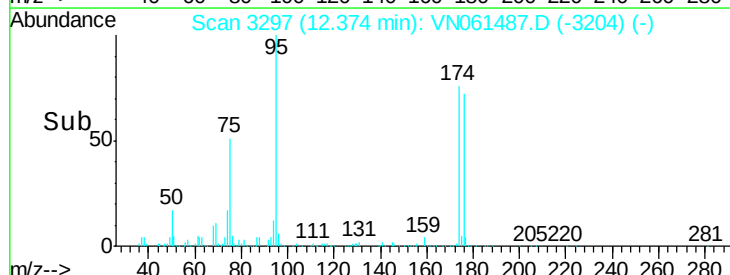
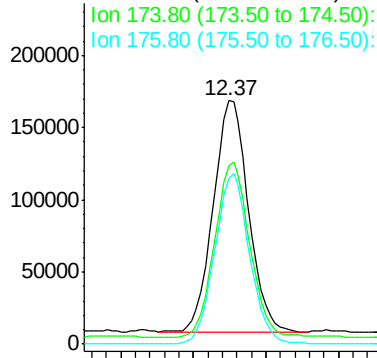
95 100

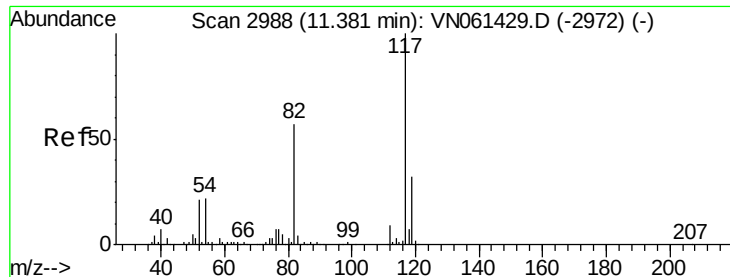
174 74.7 0.0 141.2

176 73.6 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061487.D (-3204) (-)

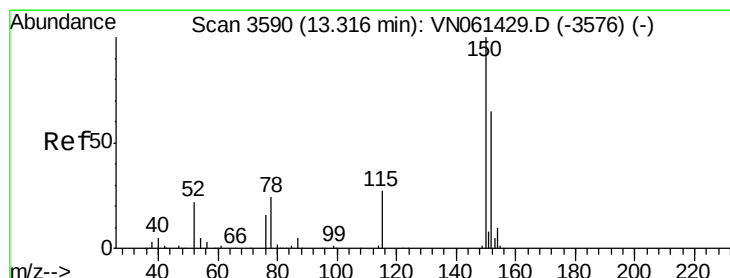
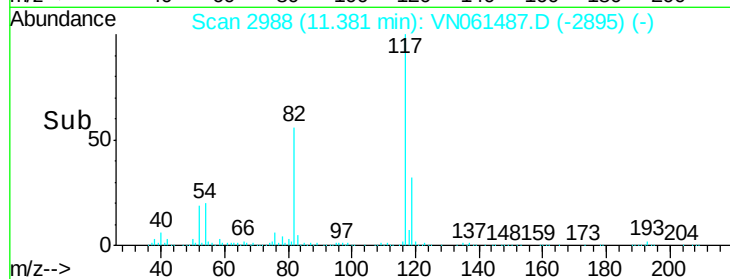
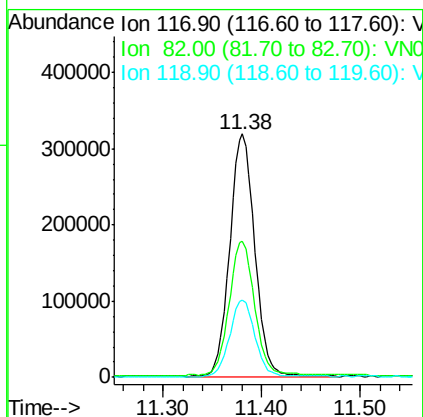
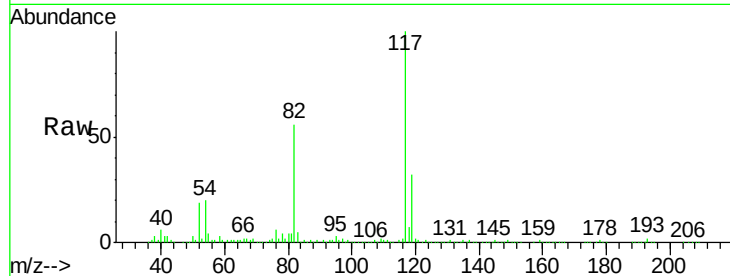




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061487.D
Acq: 19 May 2020 16:43

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.2	67.8
119	31.7	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061487.D
Acq: 19 May 2020 16:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.9	92.5
150	157.5	0.0	349.2

