

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058286.D
 Acq On : 23 Sep 2019 12:57
 Operator : JC/SP
 Sample : K4975-17 25X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP06-20190918

Quant Time: Sep 25 11:07:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	483529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	791454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	662183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	256691	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	362329	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	
35) Dibromofluoromethane	7.58	113	254201	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
50) Toluene-d8	10.09	98	1007214	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
62) 4-Bromofluorobenzene	12.41	95	312504	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	

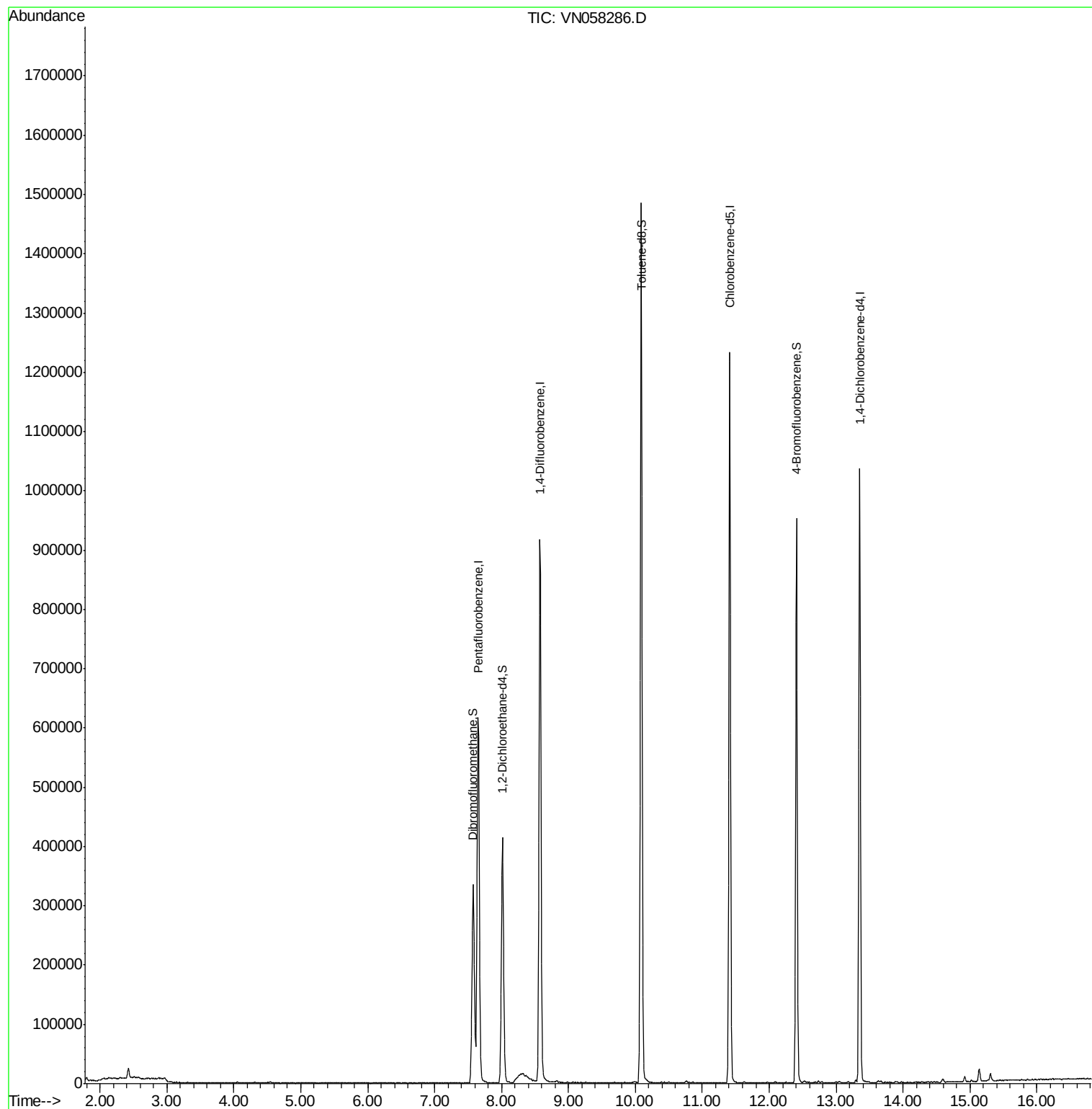
Target Compounds	Qvalue

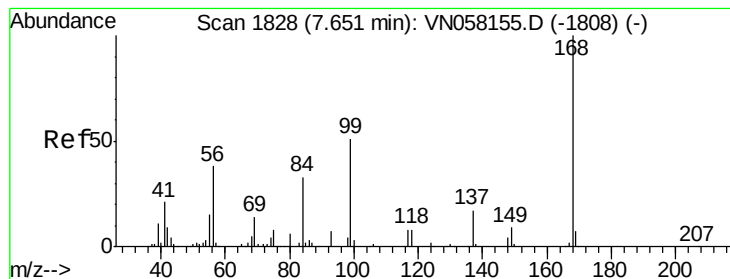
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN058286.D

Acq: 23 Sep 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

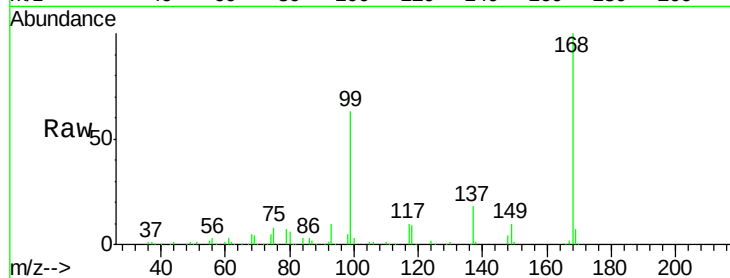
DUP06-20190918

Tot Ion:168 Resp: 483529

Ion Ratio Lower Upper

168 100

99 62.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

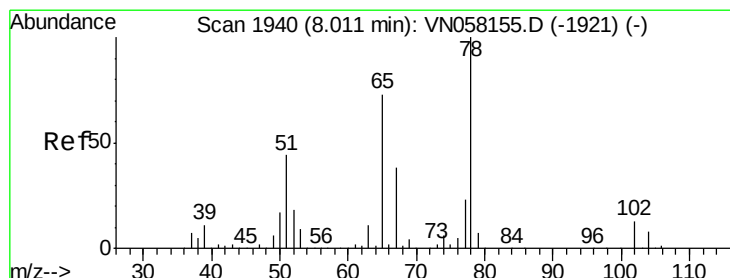
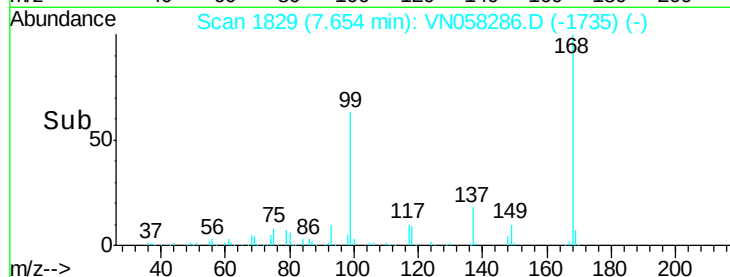
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.801 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058286.D

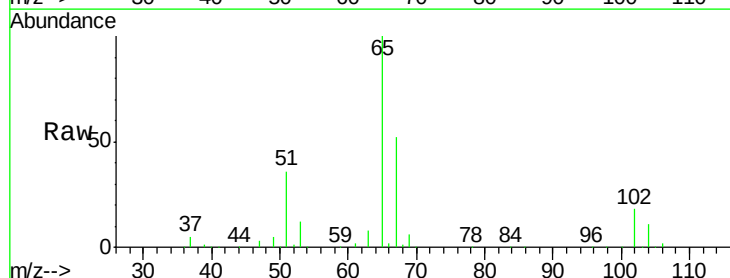
Acq: 23 Sep 2019 12:57

Tgt Ion: 65 Resp: 362329

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

150000

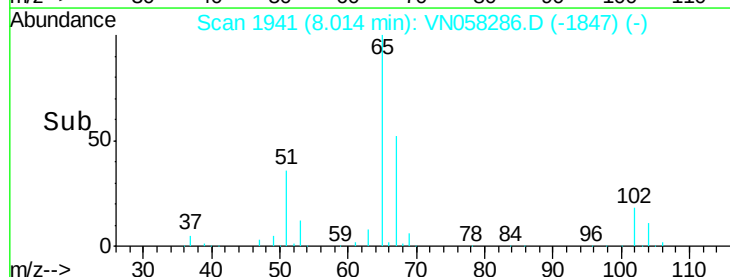
100000

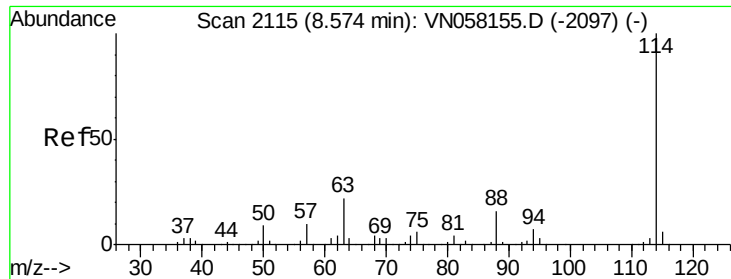
50000

0

7.90 8.00 8.10

Time-->

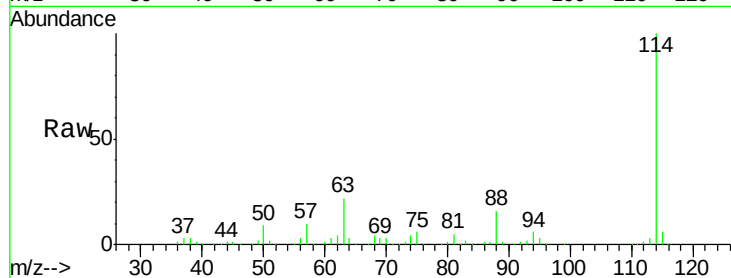




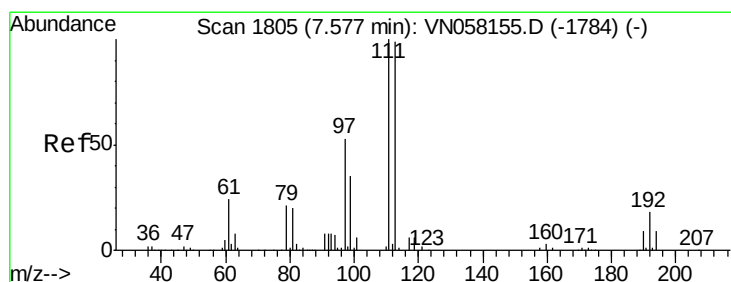
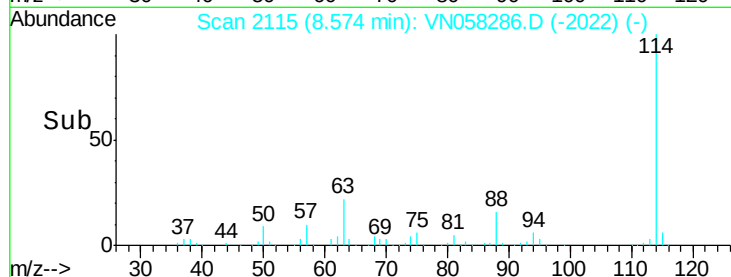
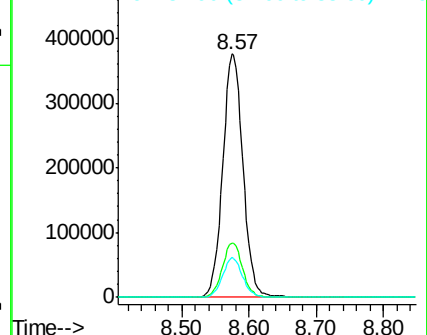
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058286.D
Acq: 23 Sep 2019 12:57

Instrument :
MSVOA_N
ClientSampleId :
DUP06-20190918

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.2
88	16.4	0.0	31.6

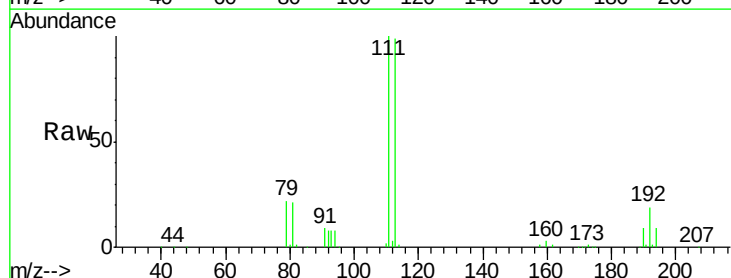


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

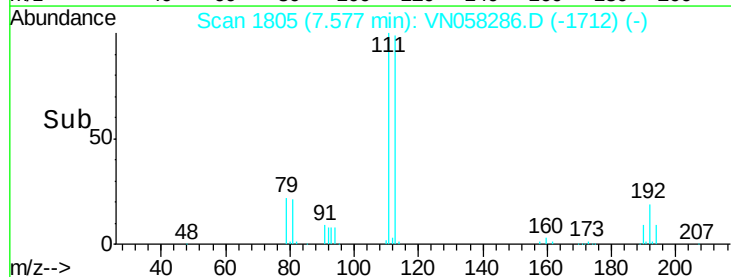
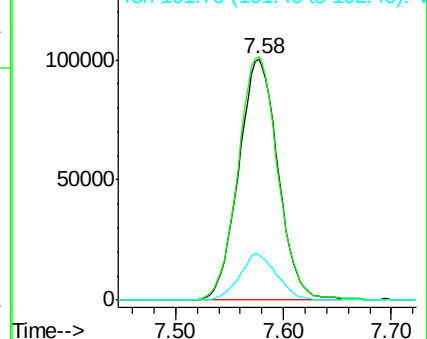


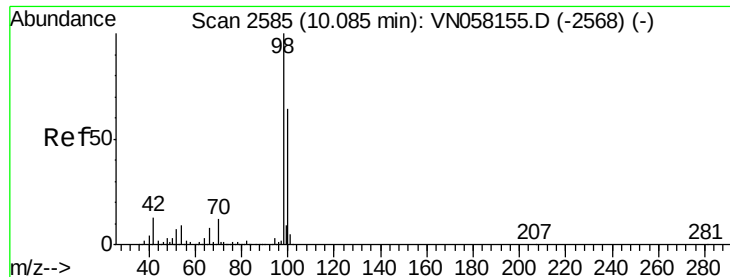
#35
Dibromofluoromethane
Concen: 52.833 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VN058286.D
Acq: 23 Sep 2019 12:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	18.3	14.5	21.7



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: 53.729 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058286.D

Acq: 23 Sep 2019 12:57

Instrument :

MSVOA_N

ClientSampleId :

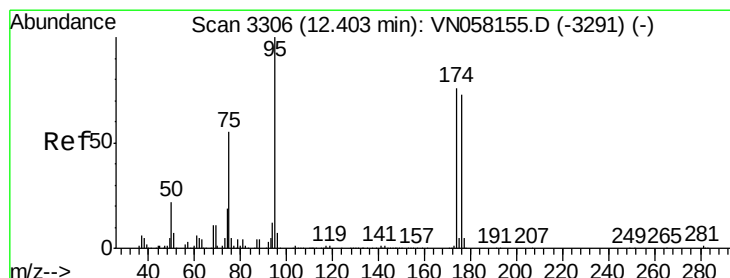
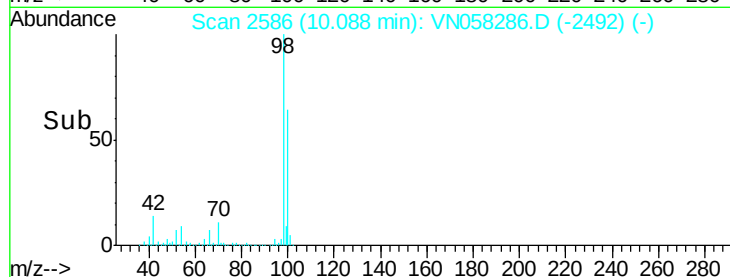
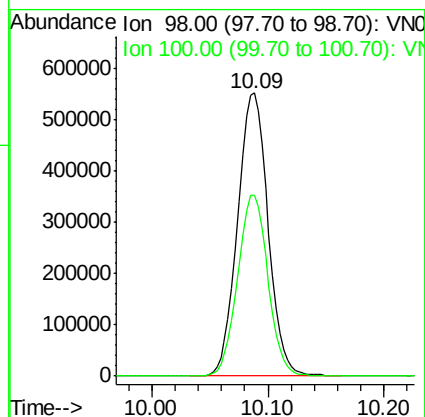
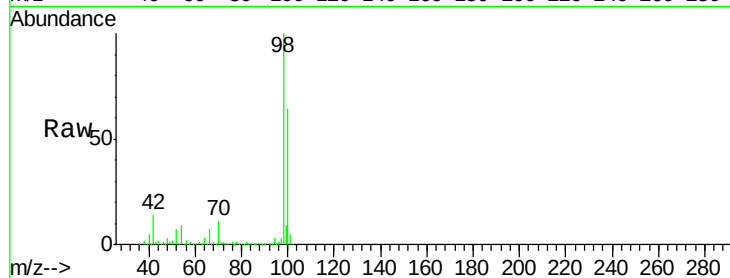
DUP06-20190918

Tot Ion: 98 Resp: 1007214

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.878 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058286.D

Acq: 23 Sep 2019 12:57

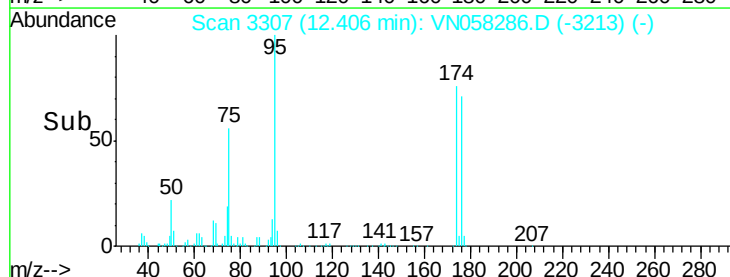
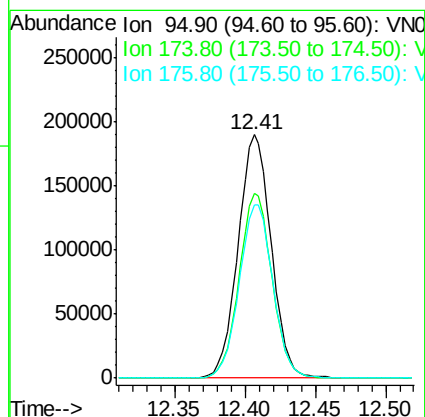
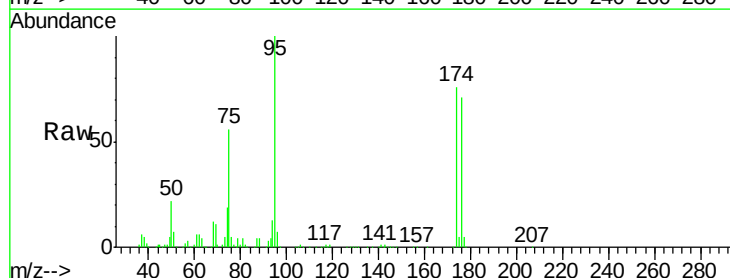
Tgt Ion: 95 Resp: 312504

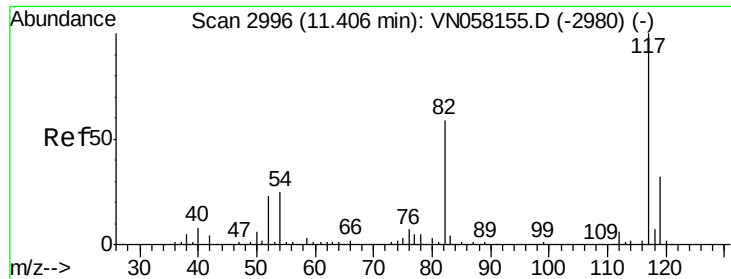
Ion Ratio Lower Upper

95 100

174 75.4 0.0 152.2

176 72.5 0.0 148.0

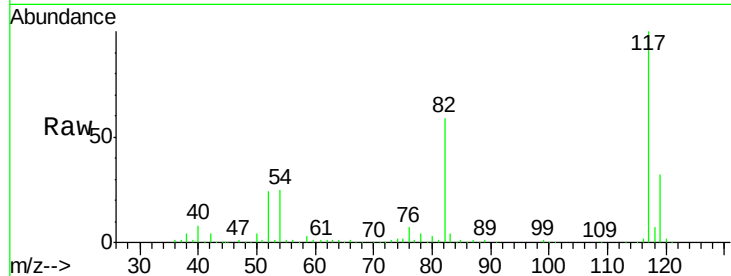




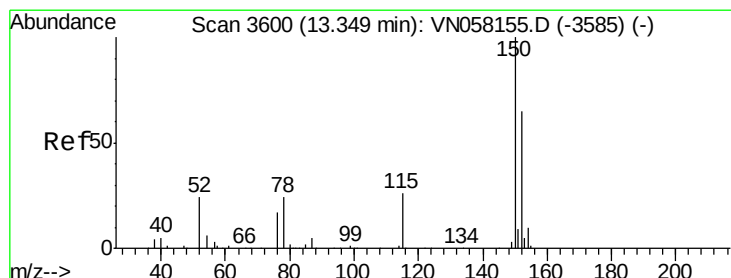
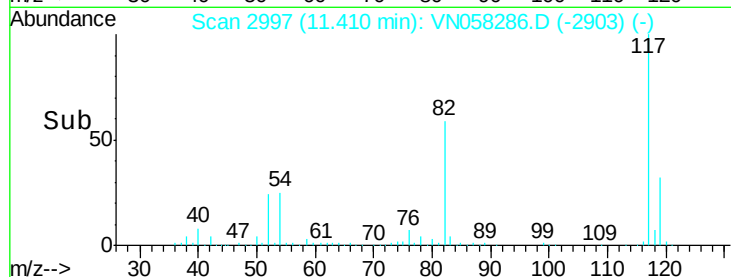
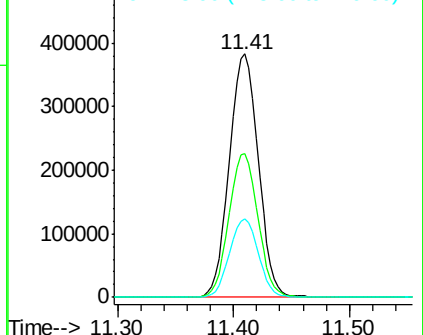
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058286.D
Acq: 23 Sep 2019 12:57

Instrument :
MSVOA_N
ClientSampleId :
DUP06-20190918

Tot Ion:117 Resp: 662183
Ion Ratio Lower Upper
117 100
82 59.2 46.9 70.3
119 32.3 25.3 37.9

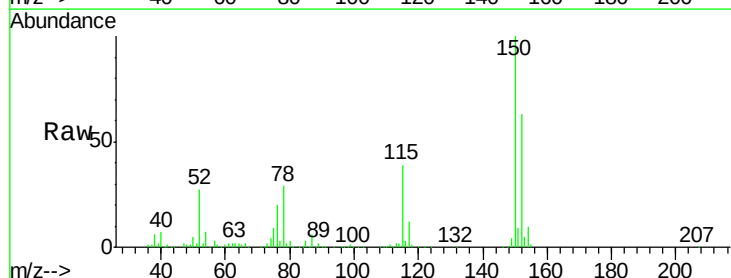


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058286.D
Acq: 23 Sep 2019 12:57

Tgt Ion:152 Resp: 256691
Ion Ratio Lower Upper
152 100
115 61.5 30.1 90.3
150 157.9 0.0 346.4



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

