

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058455.D
 Acq On : 1 Oct 2019 11:28
 Operator : JC/SP
 Sample : K5107-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-9-30-19

Quant Time: Oct 02 06:02:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	408779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	669703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	574614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	220444	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	298425	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	7.57	113	210977	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	10.09	98	838395	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.41	95	260788	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	

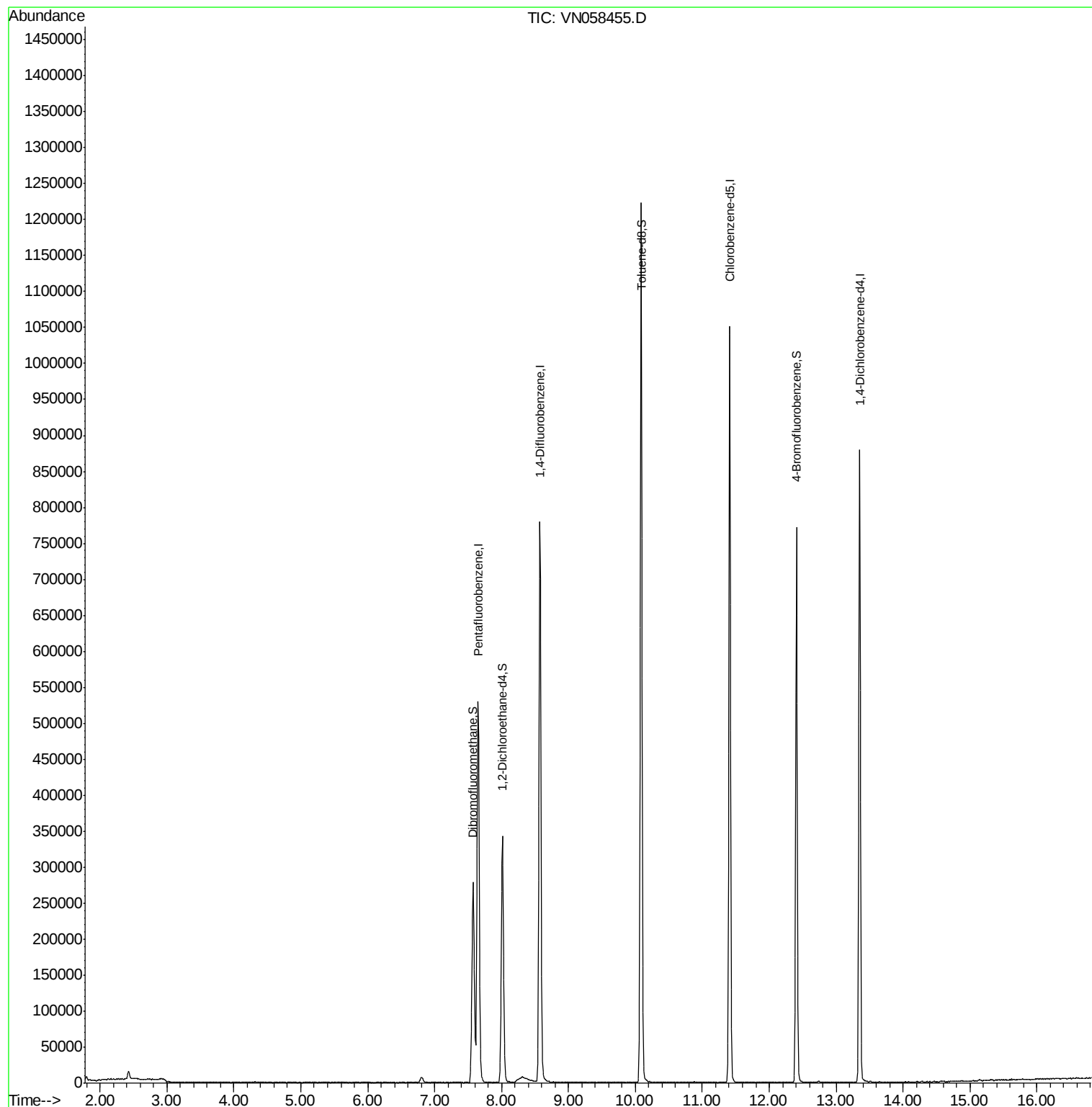
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058455.D

Acq: 1 Oct 2019 11:28

Instrument :

MSVOA_N

ClientSampled :

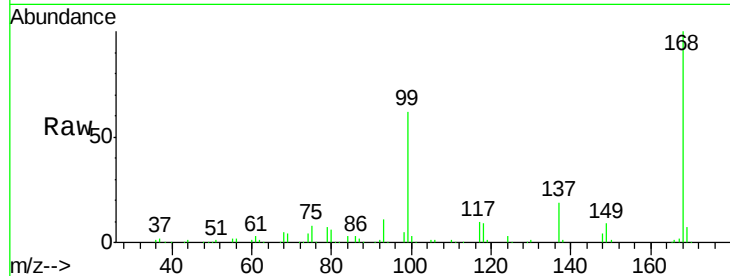
TB-9-30-19

Tot Ion:168 Resp: 408779

Ion Ratio Lower Upper

168 100

99 62.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

200000

150000

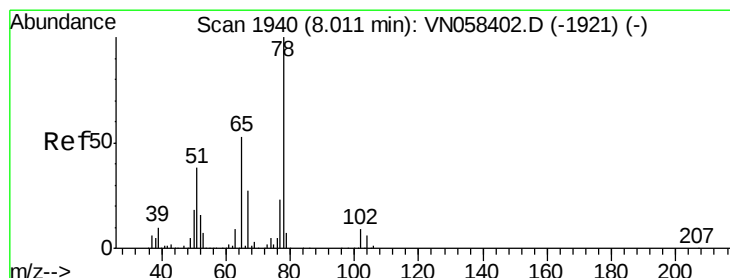
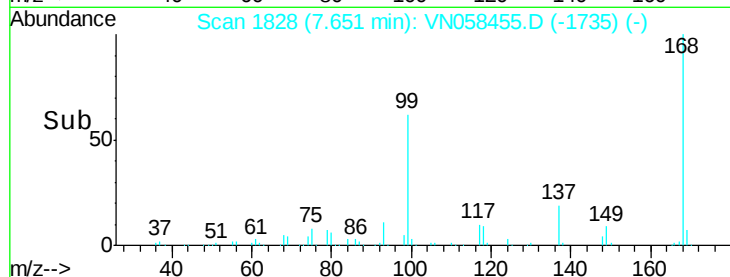
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.957 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058455.D

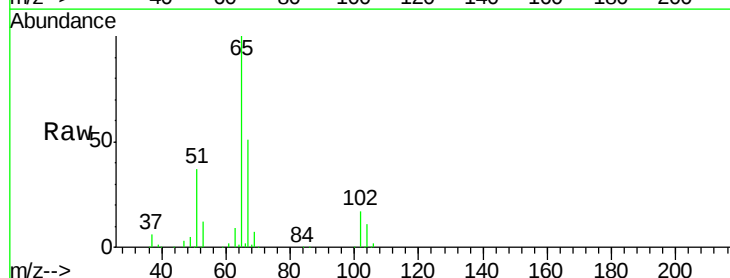
Acq: 1 Oct 2019 11:28

Tgt Ion: 65 Resp: 298425

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

150000

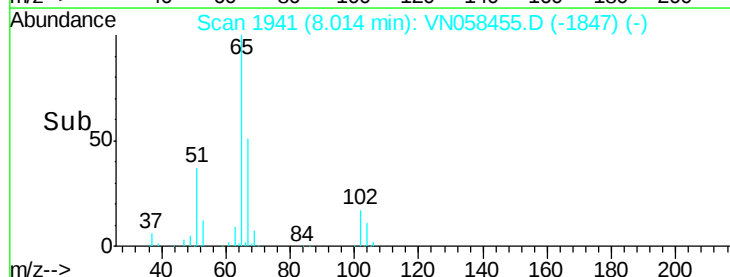
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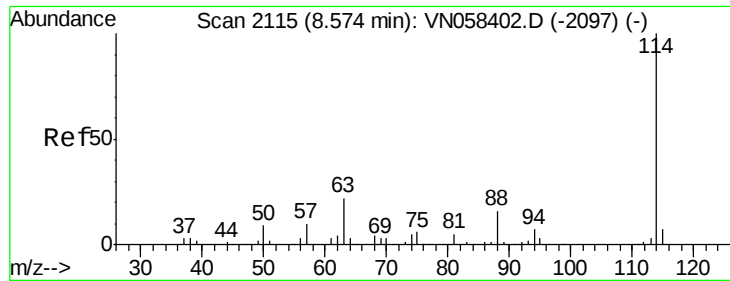
50000

0

7.90 8.00 8.10

Time-->

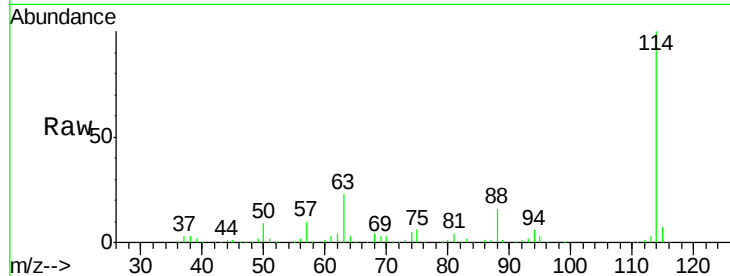




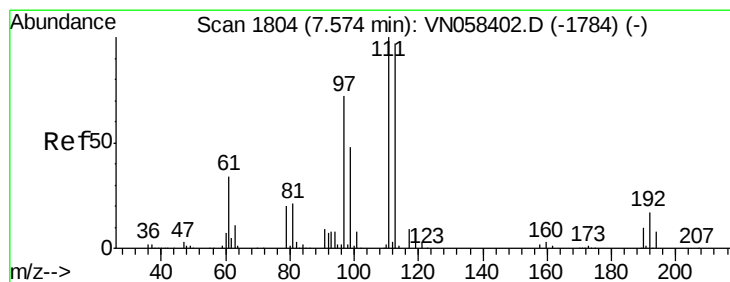
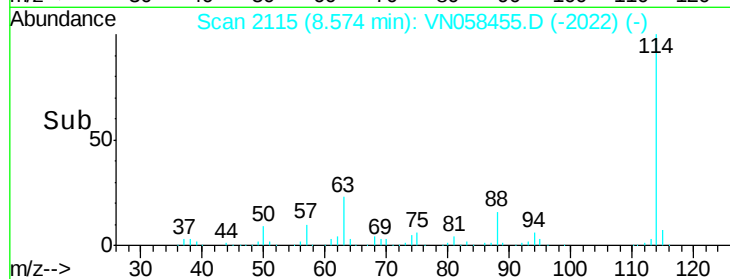
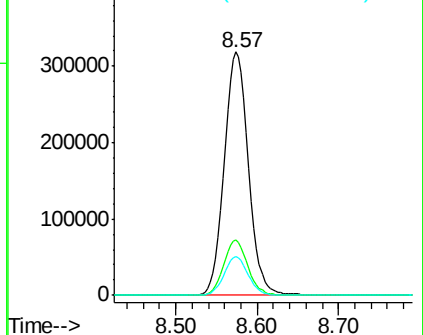
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058455.D
 Acq: 1 Oct 2019 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-9-30-19

Tot Ion:114 Resp: 669703
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 16.0 0.0 32.2

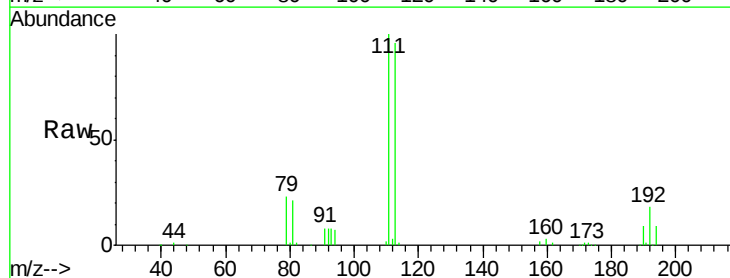


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

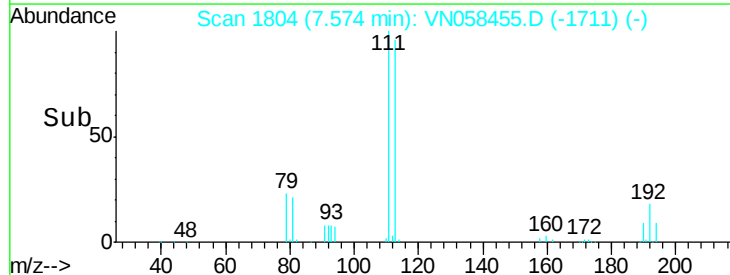
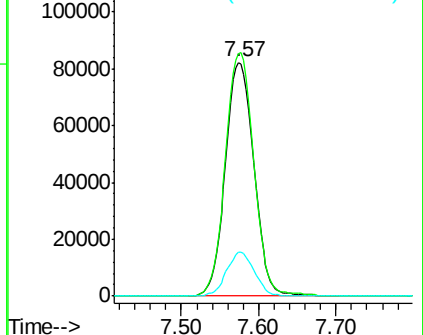


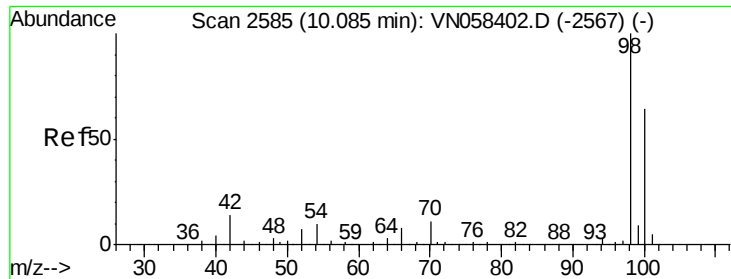
#35
 Dibromofluoromethane
 Concen: 51.401 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058455.D
 Acq: 1 Oct 2019 11:28

Tgt Ion:113 Resp: 210977
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.4 125.2
 192 18.3 14.9 22.3



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: 52.142 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058455.D

Acq: 1 Oct 2019 11:28

Instrument :

MSVOA_N

ClientSampled :

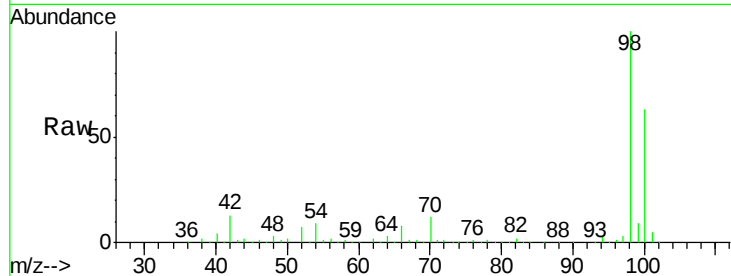
TB-9-30-19

Tot Ion: 98 Resp: 838395

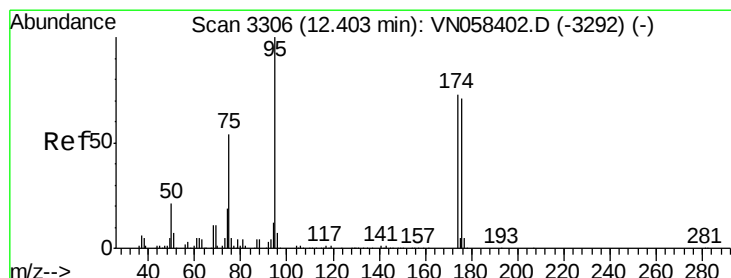
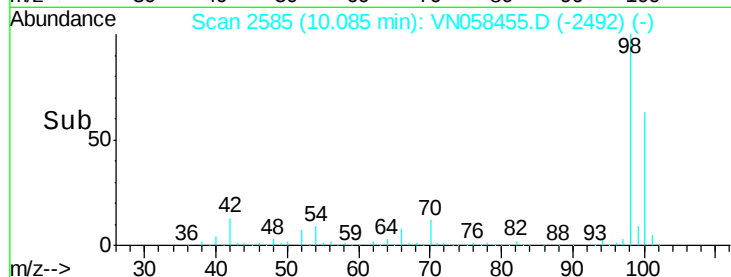
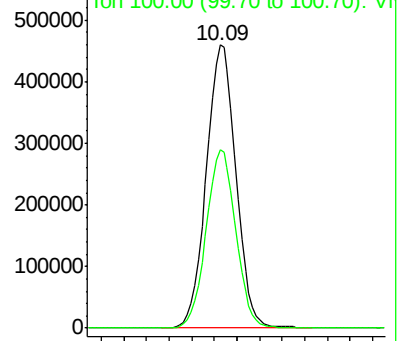
Ion Ratio Lower Upper

98 100

100 63.1 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058402.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 44.856 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058455.D

Acq: 1 Oct 2019 11:28

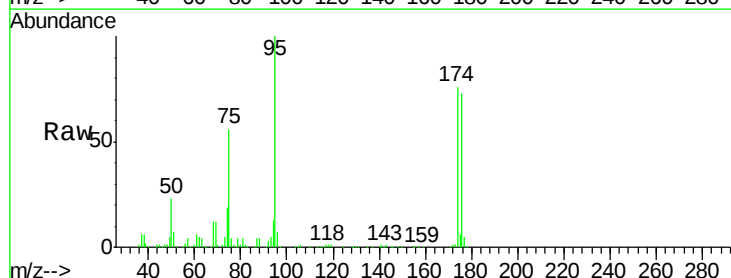
Tgt Ion: 95 Resp: 260788

Ion Ratio Lower Upper

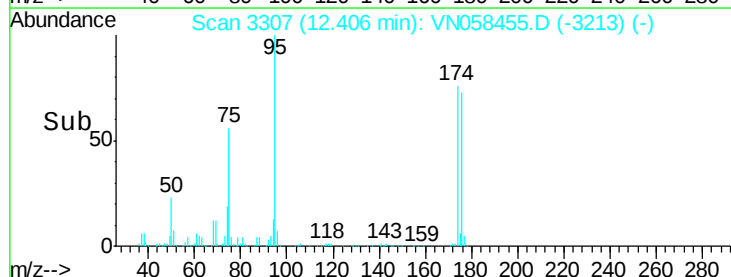
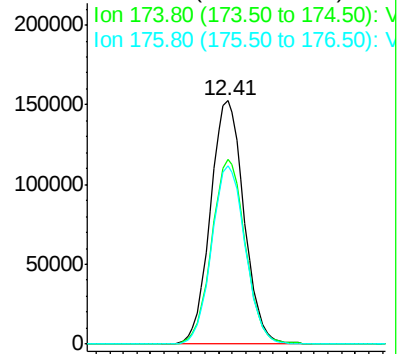
95 100

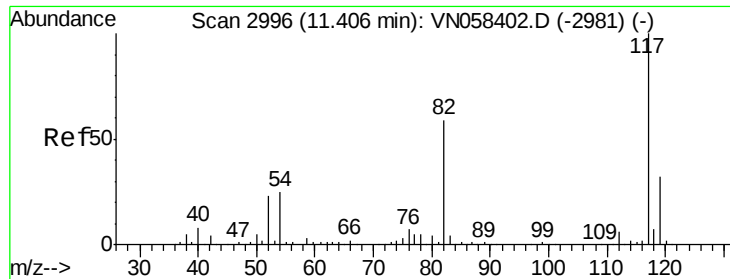
174 76.1 0.0 150.6

176 73.3 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

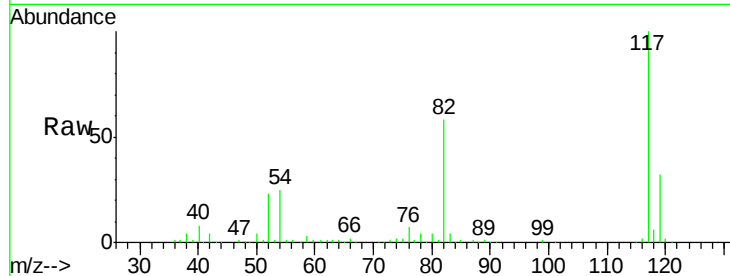




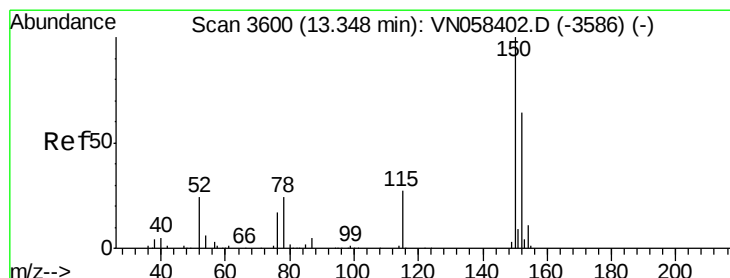
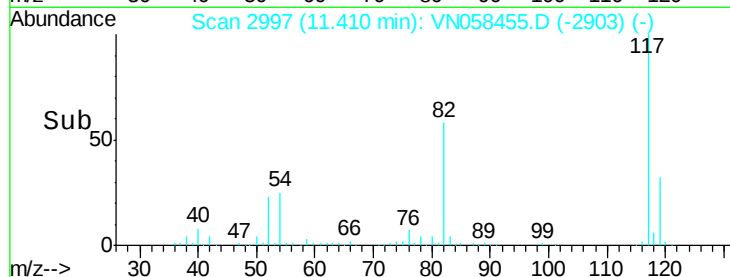
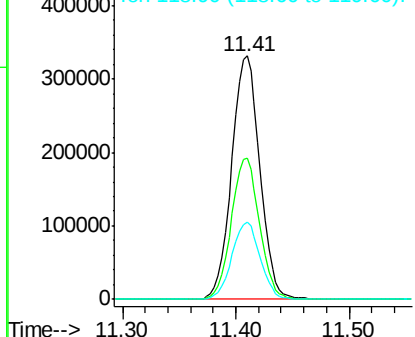
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058455.D
Acq: 1 Oct 2019 11:28

Instrument :
MSVOA_N
ClientSampled :
TB-9-30-19

Tot Ion:117 Resp: 574614
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.0
119 31.8 25.5 38.3

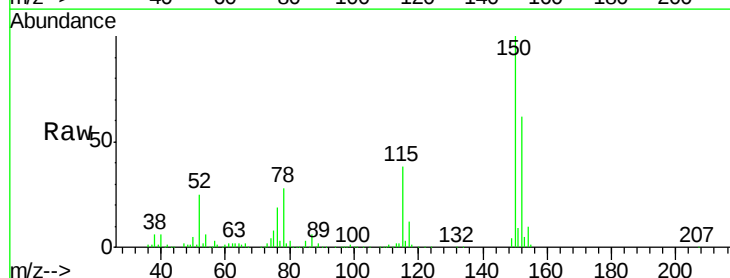


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058455.D
Acq: 1 Oct 2019 11:28

Tgt Ion:152 Resp: 220444
Ion Ratio Lower Upper
152 100
115 62.7 30.0 90.0
150 158.1 0.0 348.2



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

