

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058215.D
 Acq On : 19 Sep 2019 19:38
 Operator : JC/SP
 Sample : K4896-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D3-20190912

Quant Time: Sep 20 08:18:22 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

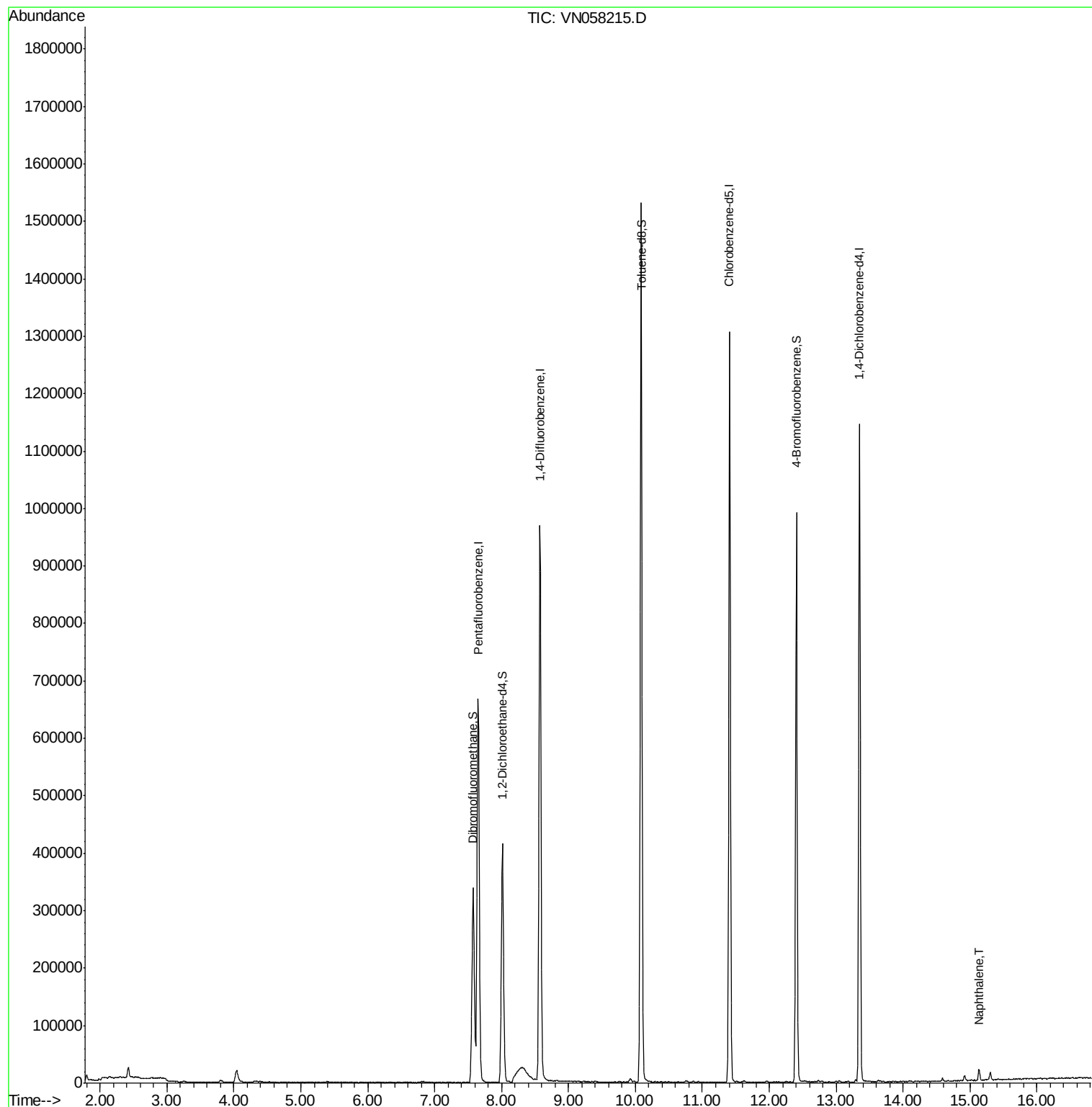
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	526205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	835148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	709697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	286942	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	363264	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
35) Dibromofluoromethane	7.58	113	252277	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	10.08	98	1046402	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.41	95	326403	44.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.84%	
Target Compounds						
95) Naphthalene	15.13	128	14570	1.063	ug/l #	Qvalue 96

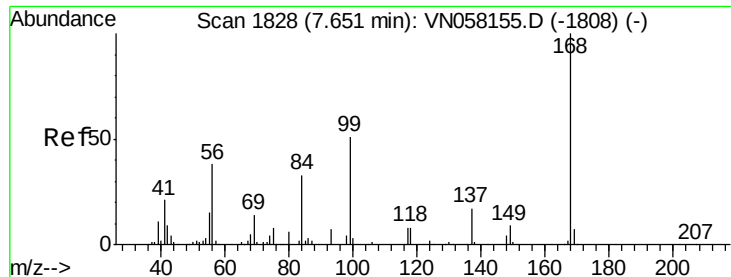
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

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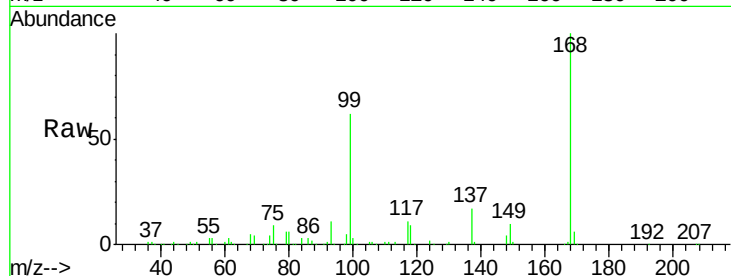
RE123D3-20190912

Tot Ion:168 Resp: 526205

Ion Ratio Lower Upper

168 100

99 61.6 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

250000

200000

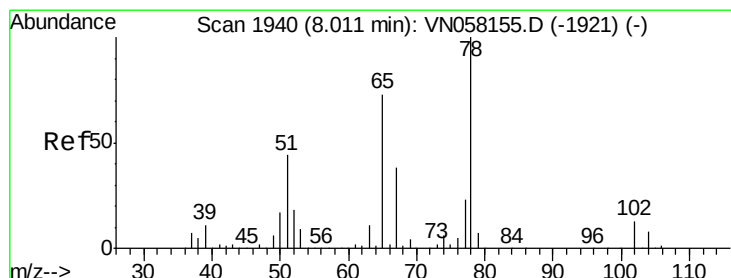
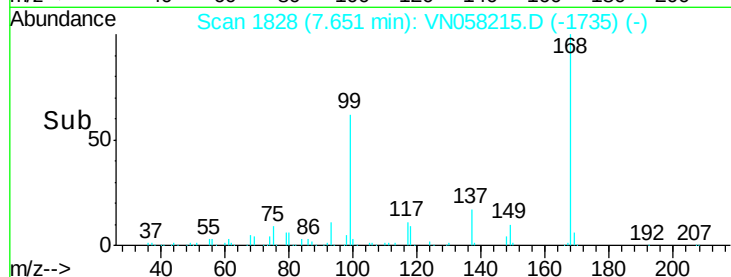
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 49.565 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058215.D

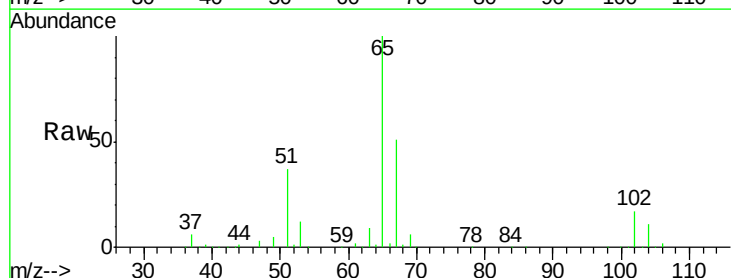
Acq: 19 Sep 2019 19:38

Tgt Ion: 65 Resp: 363264

Ion Ratio Lower Upper

65 100

67 50.6 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

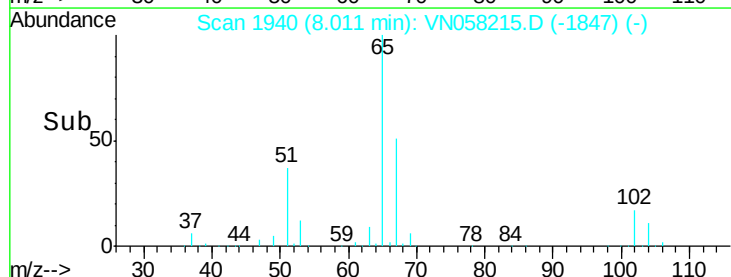
150000

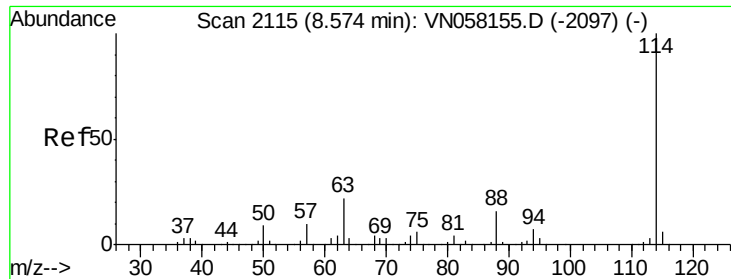
100000

50000

0

Time--> 7.90 8.00 8.10 8.20

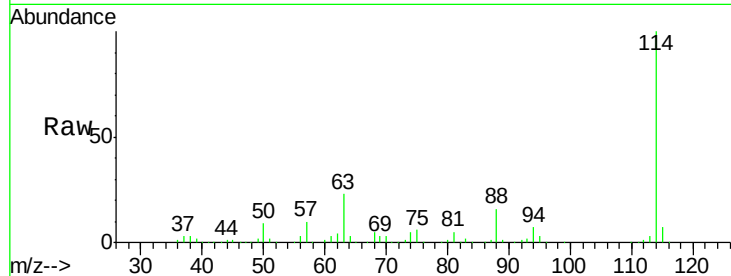




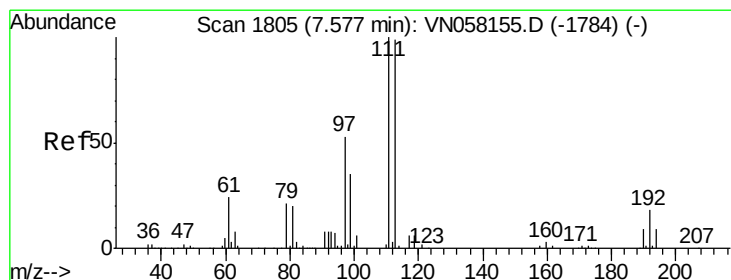
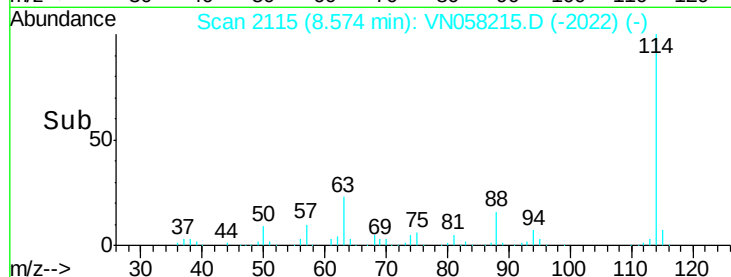
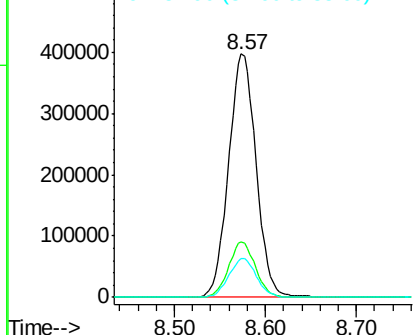
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058215.D
 Acq: 19 Sep 2019 19:38

Instrument :
 MSVOA_N
 ClientSampleId :
 RE123D3-20190912

Tot Ion:114 Resp: 835148
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.2
 88 16.0 0.0 31.6

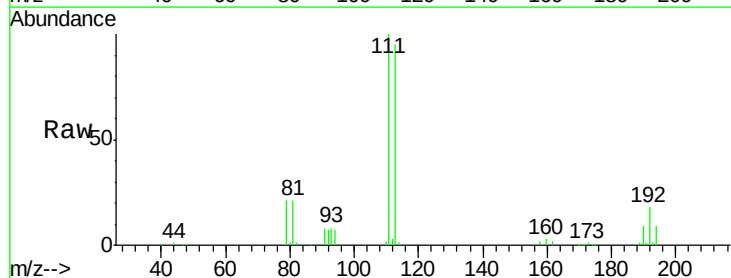


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

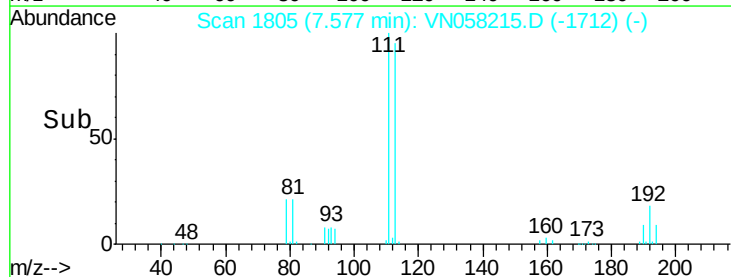
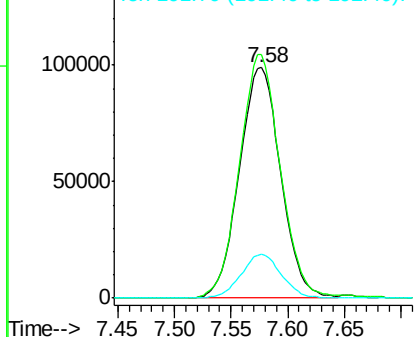


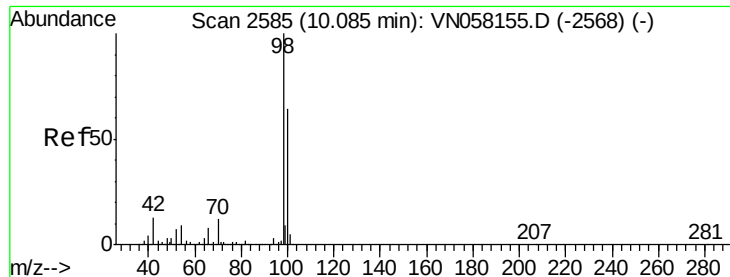
#35
 Dibromofluoromethane
 Concen: 49.690 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN058215.D
 Acq: 19 Sep 2019 19:38

Tgt Ion:113 Resp: 252277
 Ion Ratio Lower Upper
 113 100
 111 104.8 81.8 122.6
 192 18.5 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: 52.899 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058215.D

Acq: 19 Sep 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

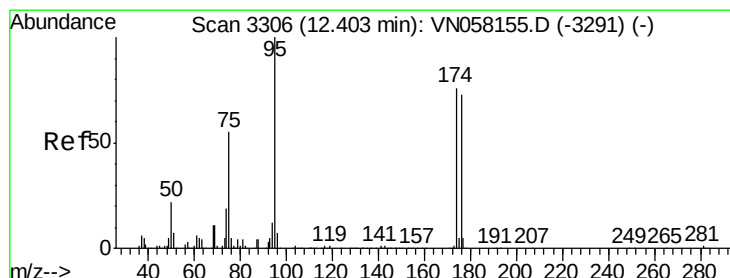
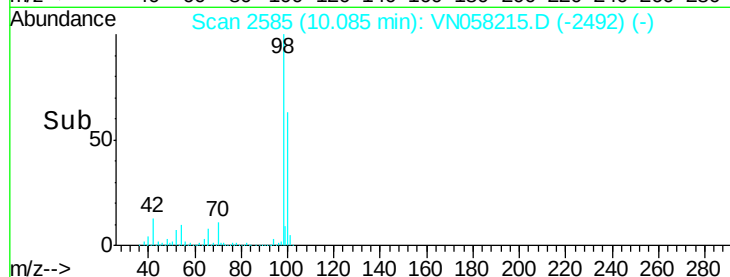
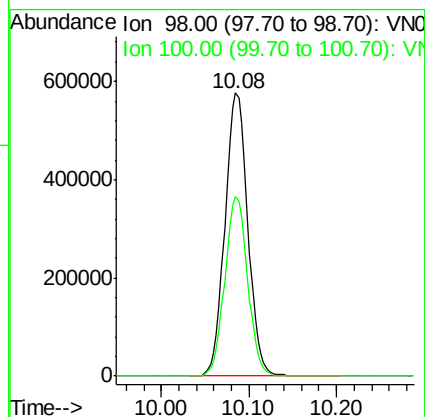
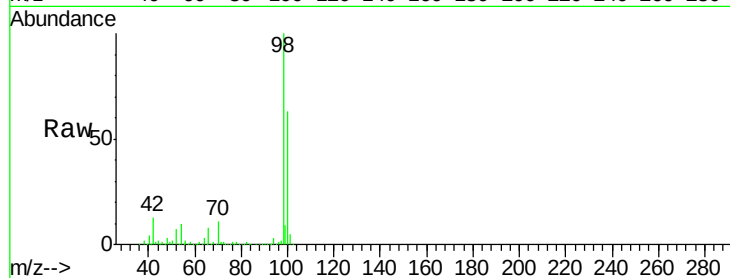
RE123D3-20190912

Tot Ion: 98 Resp: 1046402

Ion Ratio Lower Upper

98 100

100 63.3 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.421 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058215.D

Acq: 19 Sep 2019 19:38

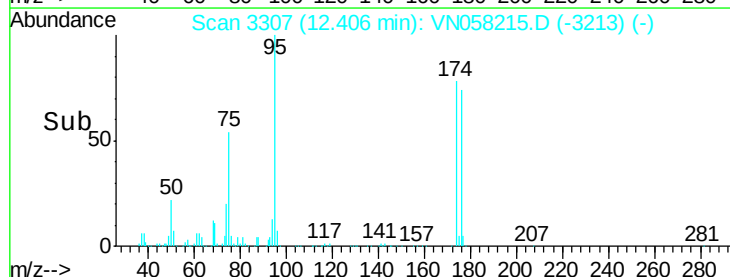
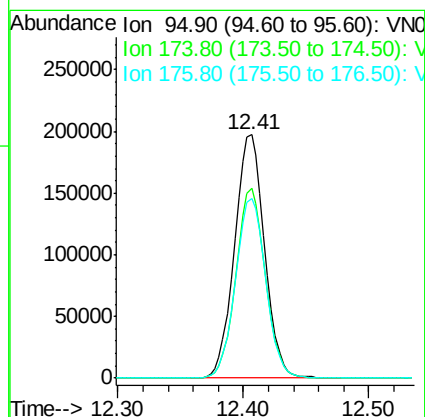
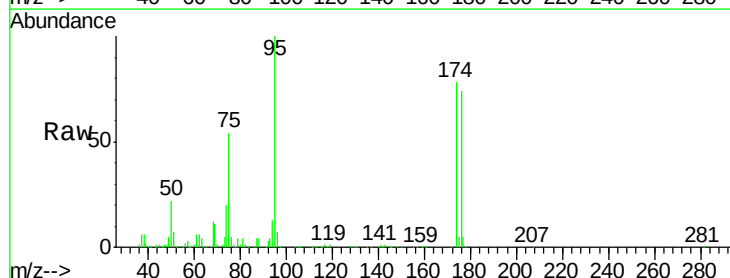
Tgt Ion: 95 Resp: 326403

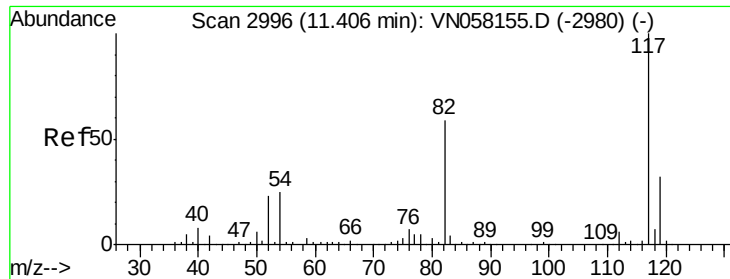
Ion Ratio Lower Upper

95 100

174 76.7 0.0 152.2

176 74.8 0.0 148.0

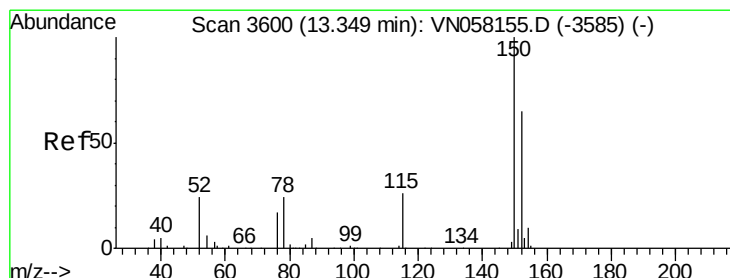
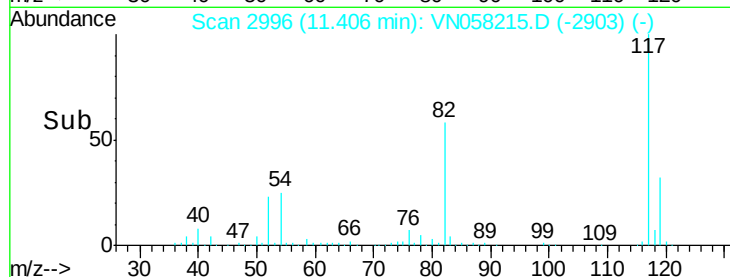
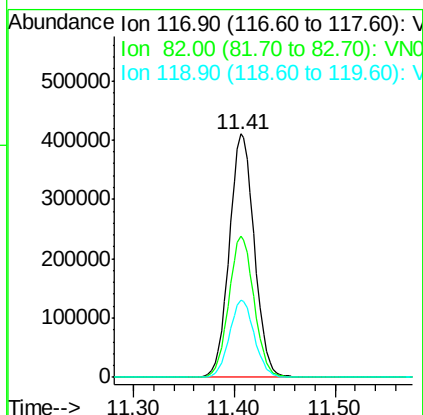
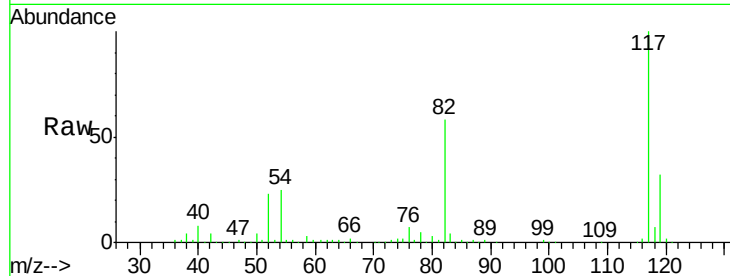




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058215.D
Acq: 19 Sep 2019 19:38

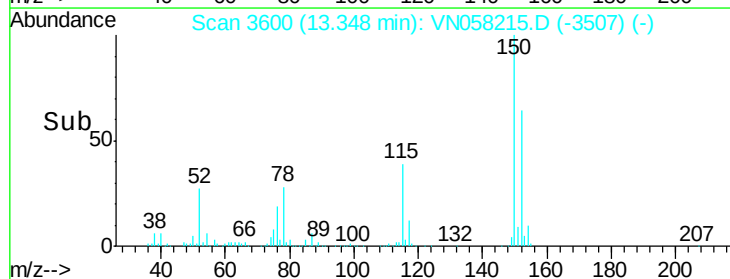
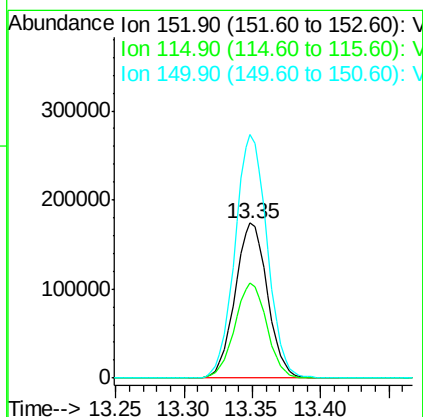
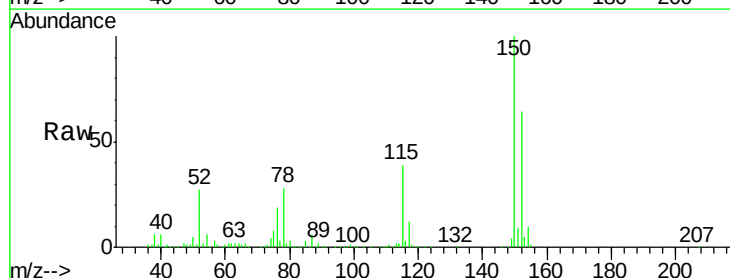
Instrument :
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RE123D3-20190912

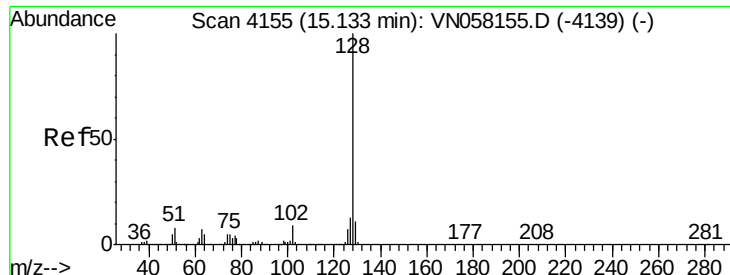
Tot Ion:117 Resp: 709697
Ion Ratio Lower Upper
117 100
82 58.3 46.9 70.3
119 32.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058215.D
Acq: 19 Sep 2019 19:38

Tgt Ion:152 Resp: 286942
Ion Ratio Lower Upper
152 100
115 60.6 30.1 90.3
150 156.4 0.0 346.4





#95

Naphthalene

Concen: 1.063 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058215.D

Acq: 19 Sep 2019 19:38

Instrument :

MSVOA_N

ClientSampleId :

RE123D3-20190912

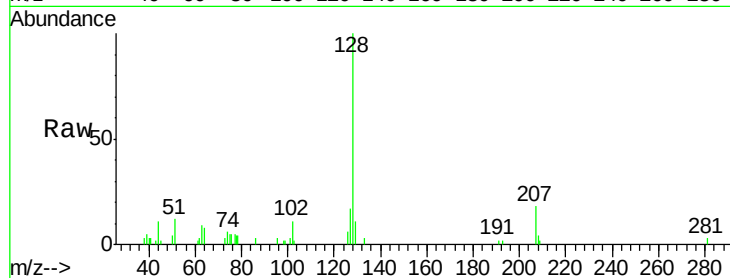
Tot Ion:128 Resp: 14570

Ion Ratio Lower Upper

128 100

127 15.9 10.2 15.2#

129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

