

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058227.D
 Acq On : 20 Sep 2019 00:02
 Operator : JC/SP
 Sample : K4974-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D1-20190916

Quant Time: Sep 20 09:05:01 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

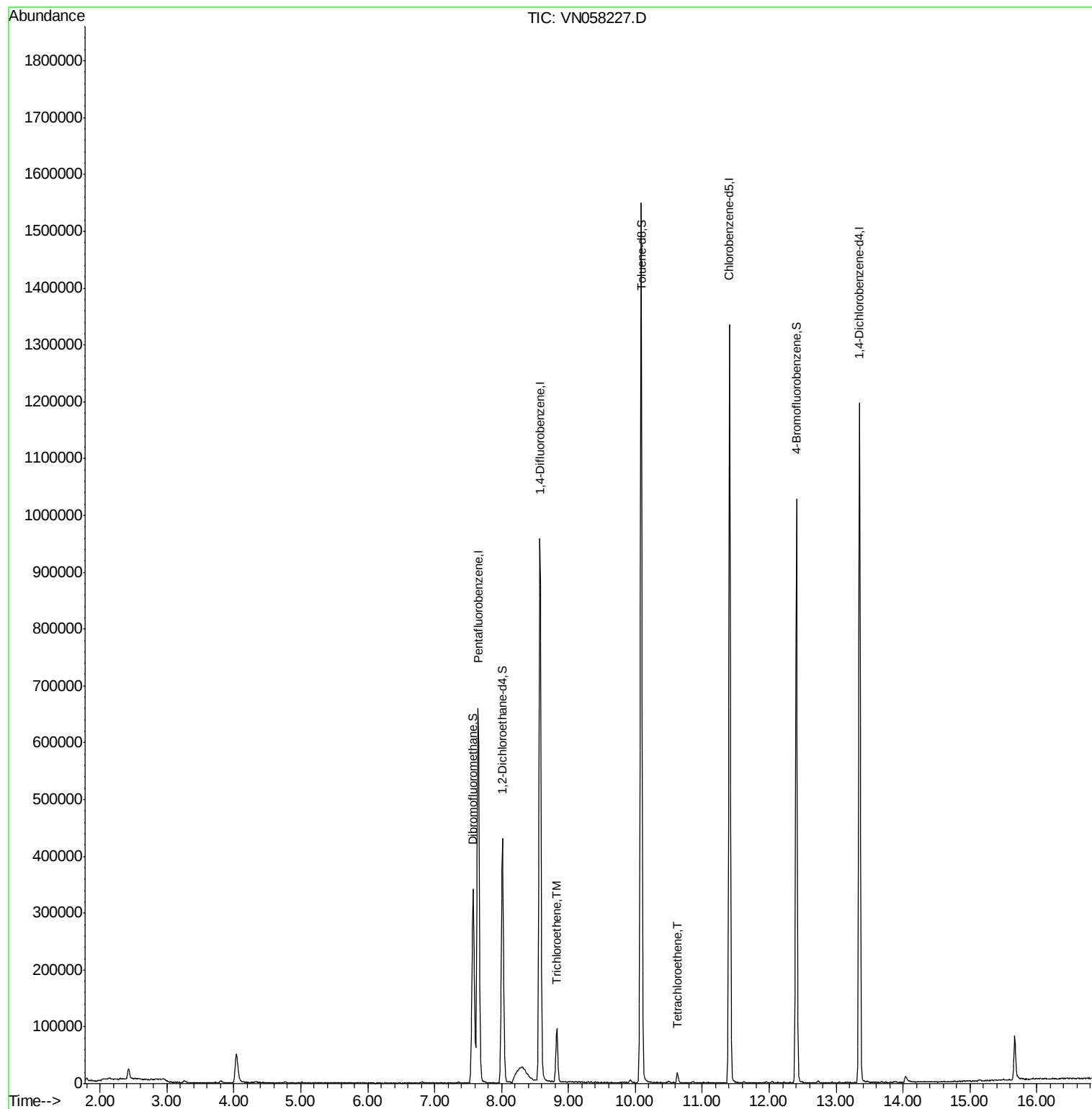
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	514094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	837277	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	725729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	301959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	369743	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
35) Dibromofluoromethane	7.57	113	257437	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
50) Toluene-d8	10.08	98	1051039	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
62) 4-Bromofluorobenzene	12.40	95	340110	46.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.34%	
Target Compounds						
44) Trichloroethene	8.82	130	33169	7.350	ug/l	94
64) Tetrachloroethene	10.63	164	3725	1.053	ug/l	91

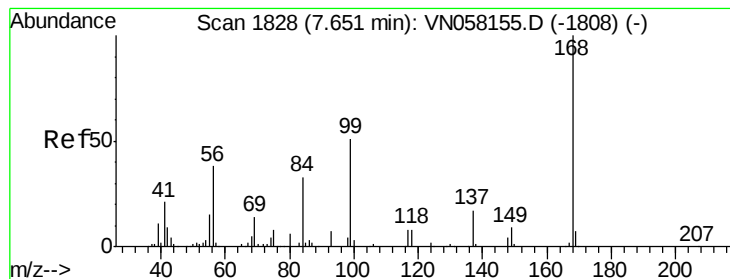
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058227.D

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ClientSampleId :

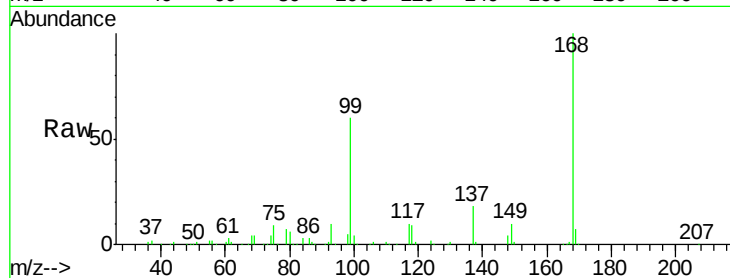
RE134D1-20190916

Tot Ion:168 Resp: 514094

Ion Ratio Lower Upper

168 100

99 60.2 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

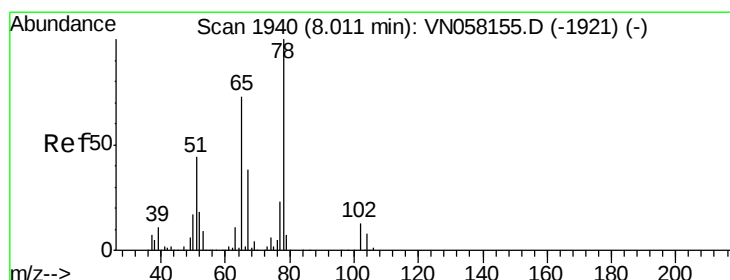
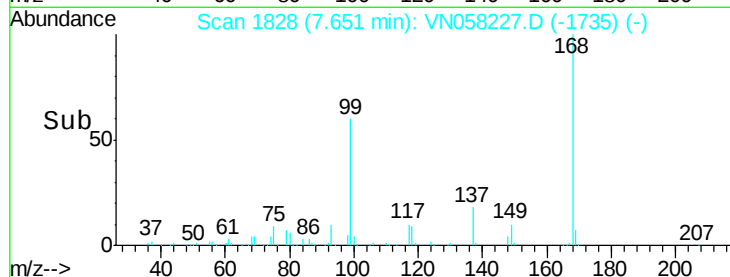
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.638 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058227.D

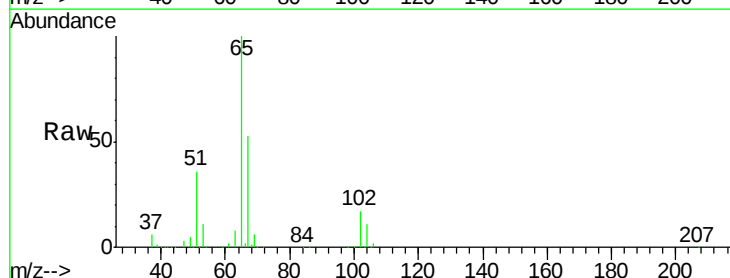
Acq: 20 Sep 2019 00:02

Tgt Ion: 65 Resp: 369743

Ion Ratio Lower Upper

65 100

67 51.7 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

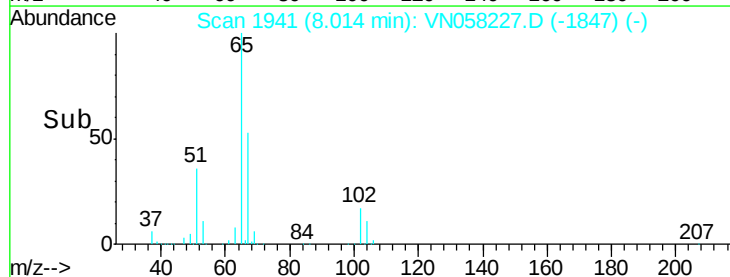
150000

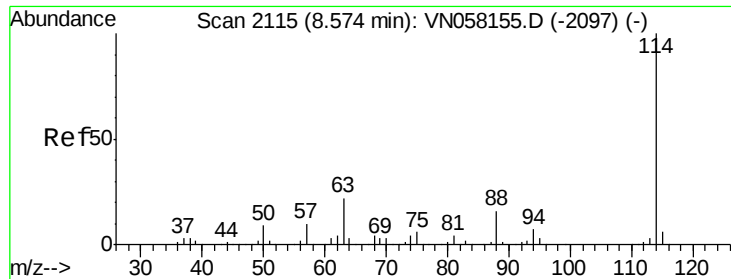
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058227.D

Acq: 20 Sep 2019 00:02

Instrument :

MSVOA_N

ClientSampleId :

RE134D1-20190916

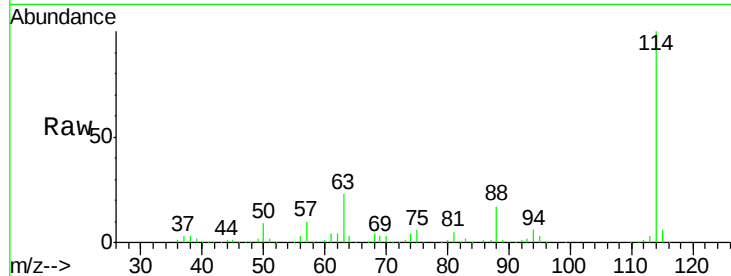
Tot Ion:114 Resp: 837277

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.2

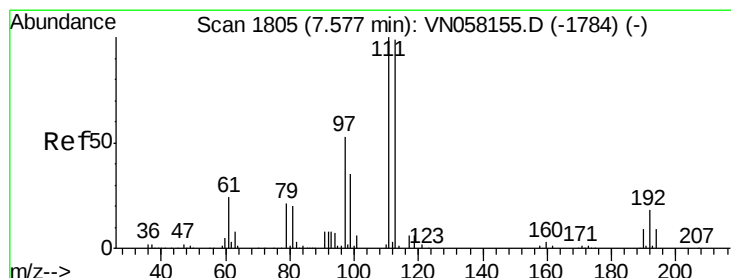
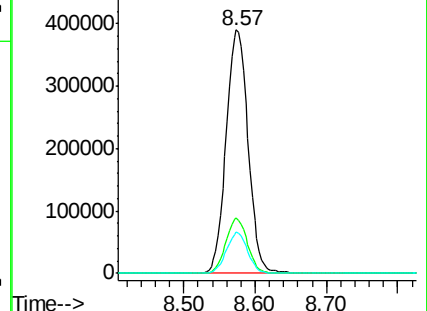
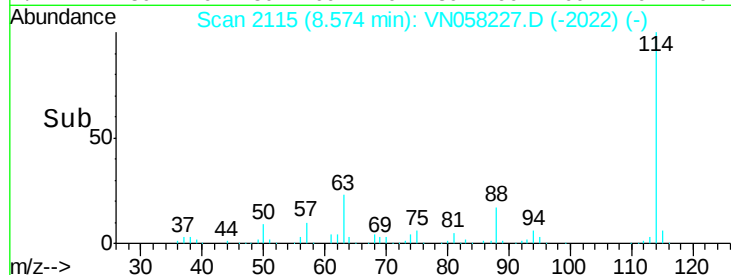
88 16.7 0.0 31.6



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: 50.577 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058227.D

Acq: 20 Sep 2019 00:02

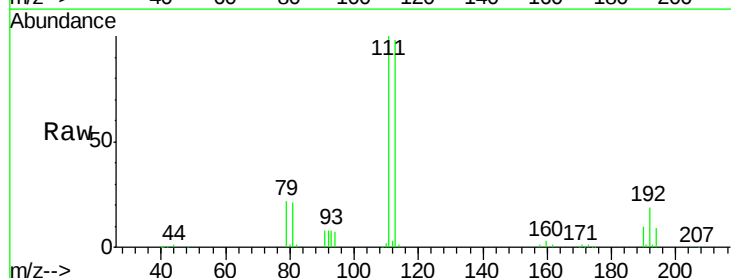
Tgt Ion:113 Resp: 257437

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.6

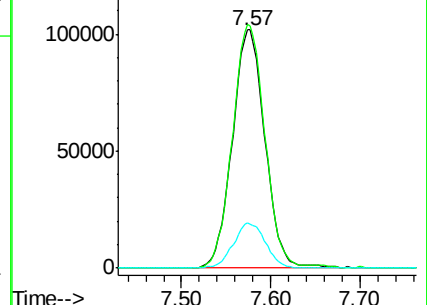
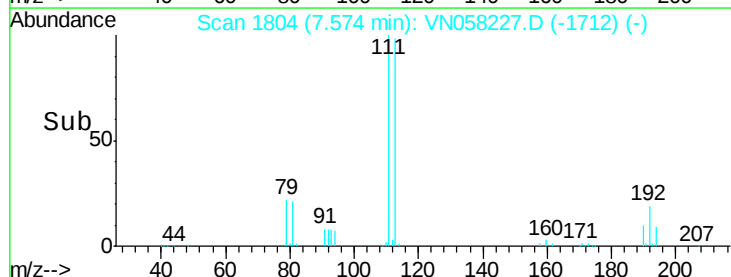
192 18.8 14.5 21.7

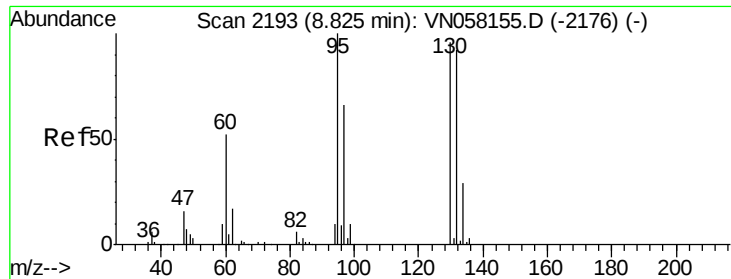


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 7.350 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058227.D

Acq: 20 Sep 2019 00:02

Instrument :

MSVOA_N

ClientSampleId :

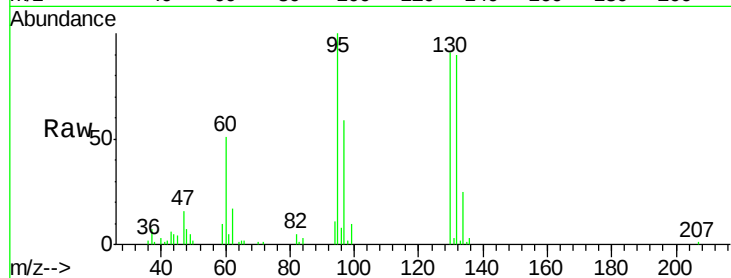
RE134D1-20190916

Tot Ion:130 Resp: 33169

Ion Ratio Lower Upper

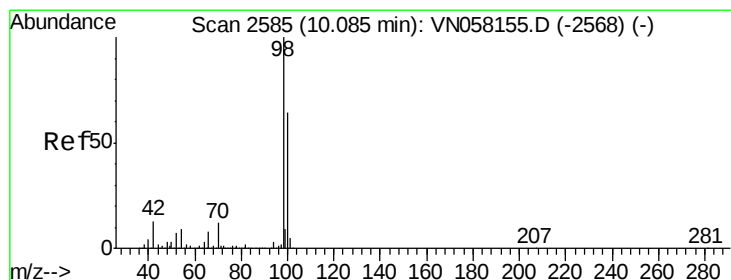
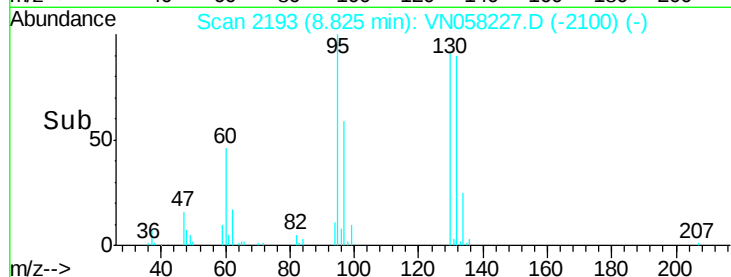
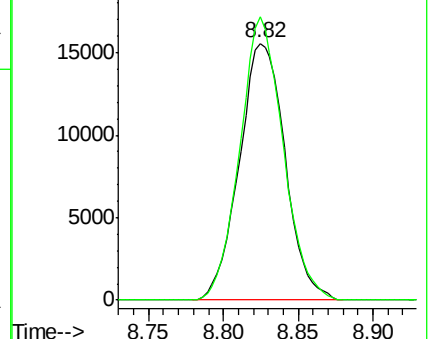
130 100

95 110.3 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 52.998 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058227.D

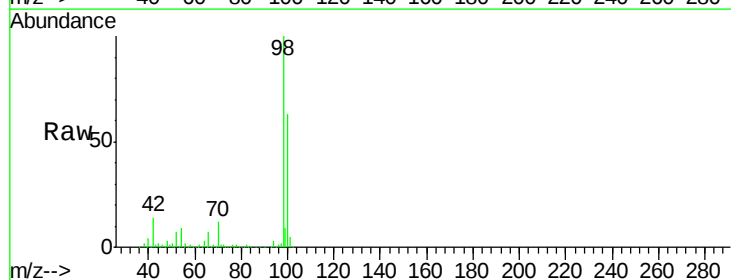
Acq: 20 Sep 2019 00:02

Tgt Ion: 98 Resp: 1051039

Ion Ratio Lower Upper

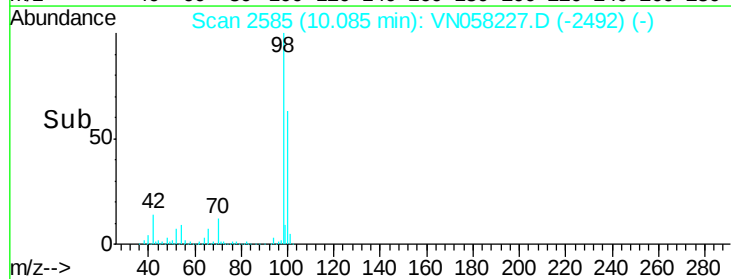
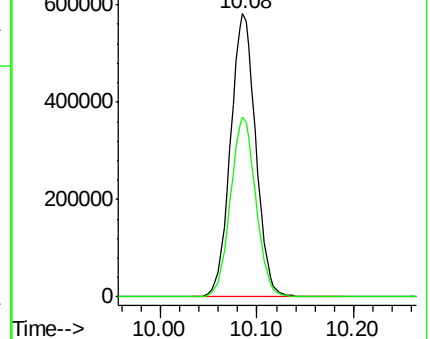
98 100

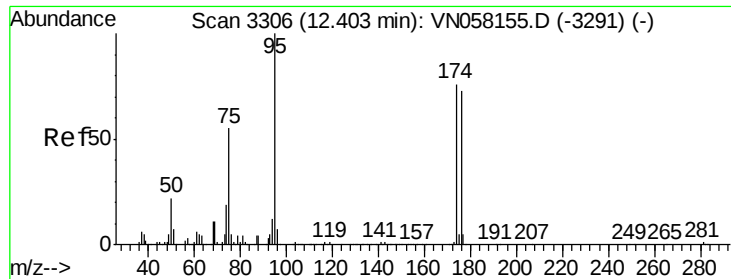
100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 46.169 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058227.D

Acq: 20 Sep 2019 00:02

Instrument :

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ClientSampleId :

RE134D1-20190916

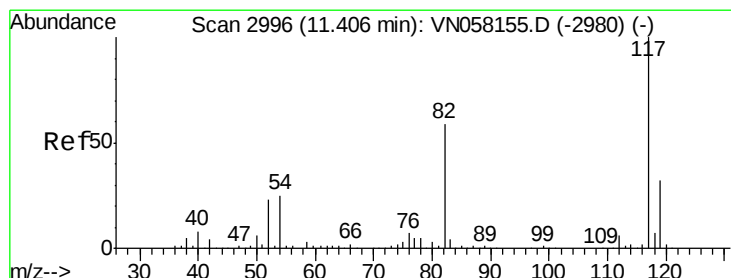
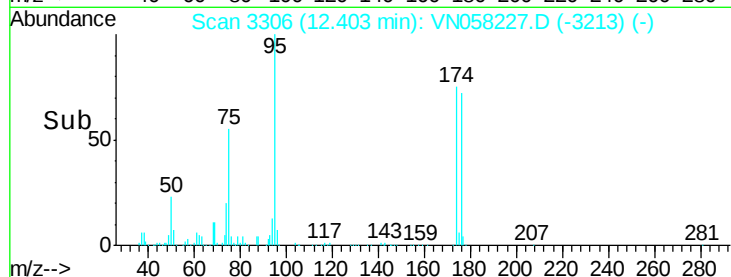
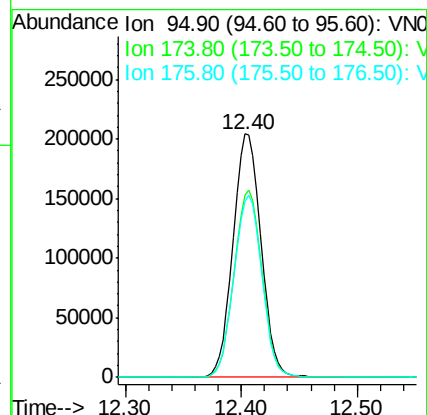
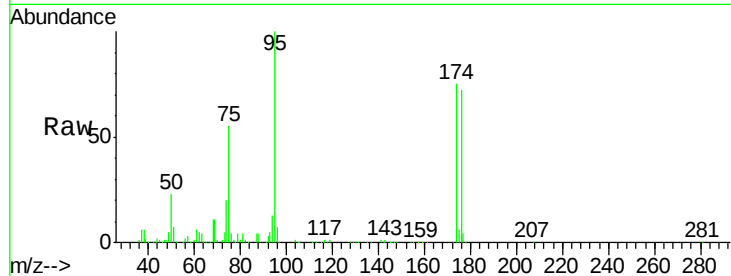
Tot Ion: 95 Resp: 340110

Ion Ratio Lower Upper

95 100

174 76.7 0.0 152.2

176 74.7 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: VN058227.D

Acq: 20 Sep 2019 00:02

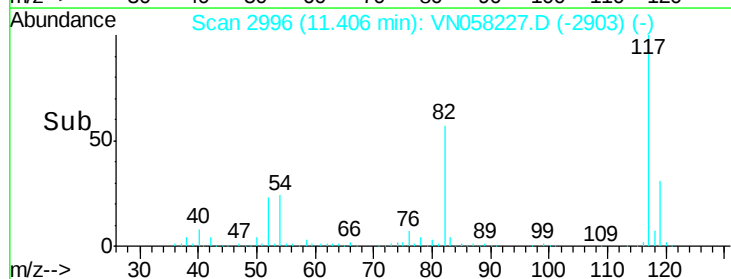
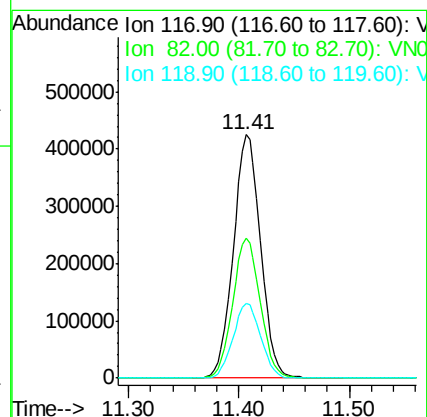
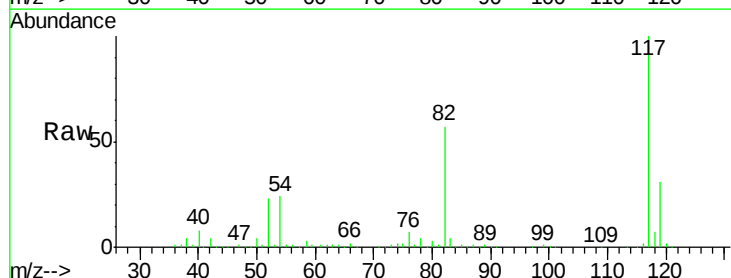
Tgt Ion: 117 Resp: 725729

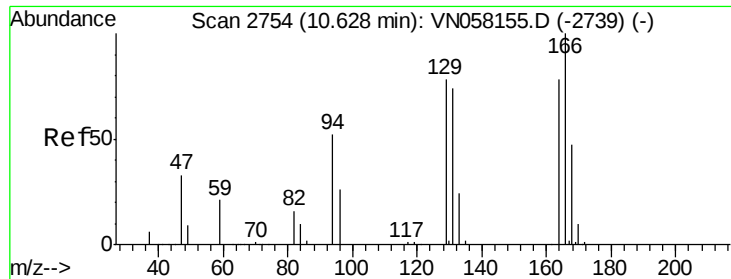
Ion Ratio Lower Upper

117 100

82 57.4 46.9 70.3

119 30.7 25.3 37.9





#64

Tetrachloroethene

Concen: 1.053 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN058227.D

Acq: 20 Sep 2019 00:02

Instrument :

MSVOA_N

ClientSampleId :

RE134D1-20190916

Tot Ion:164 Resp: 3725

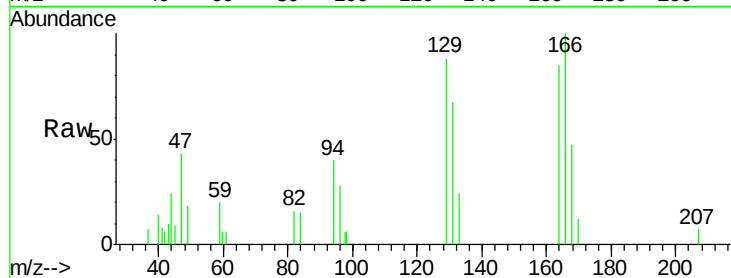
Ion Ratio Lower Upper

164 100

166 117.5 102.2 153.4

129 102.9 79.6 119.4

131 79.0 76.0 114.0

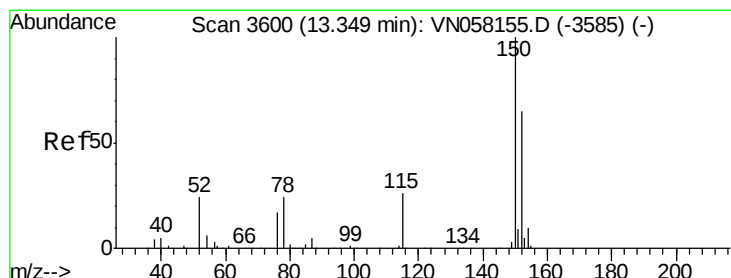
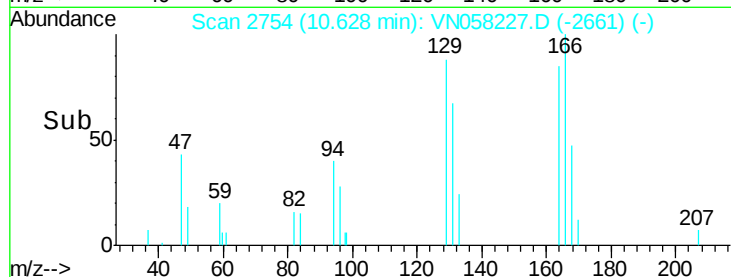
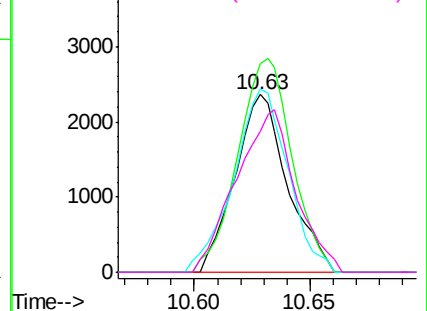


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058227.D

Acq: 20 Sep 2019 00:02

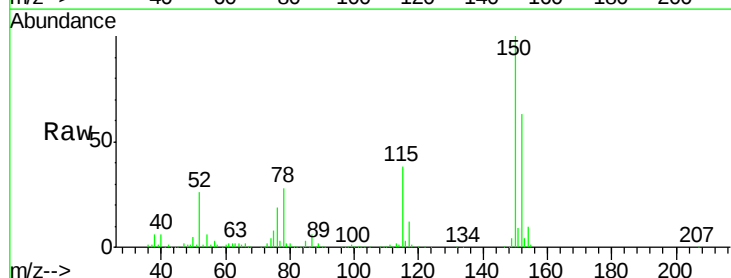
Tgt Ion:152 Resp: 301959

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.3

150 157.4 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

