

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058216.D
 Acq On : 19 Sep 2019 20:00
 Operator : JC/SP
 Sample : K4896-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D3-20190912

Quant Time: Sep 20 08:19:49 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

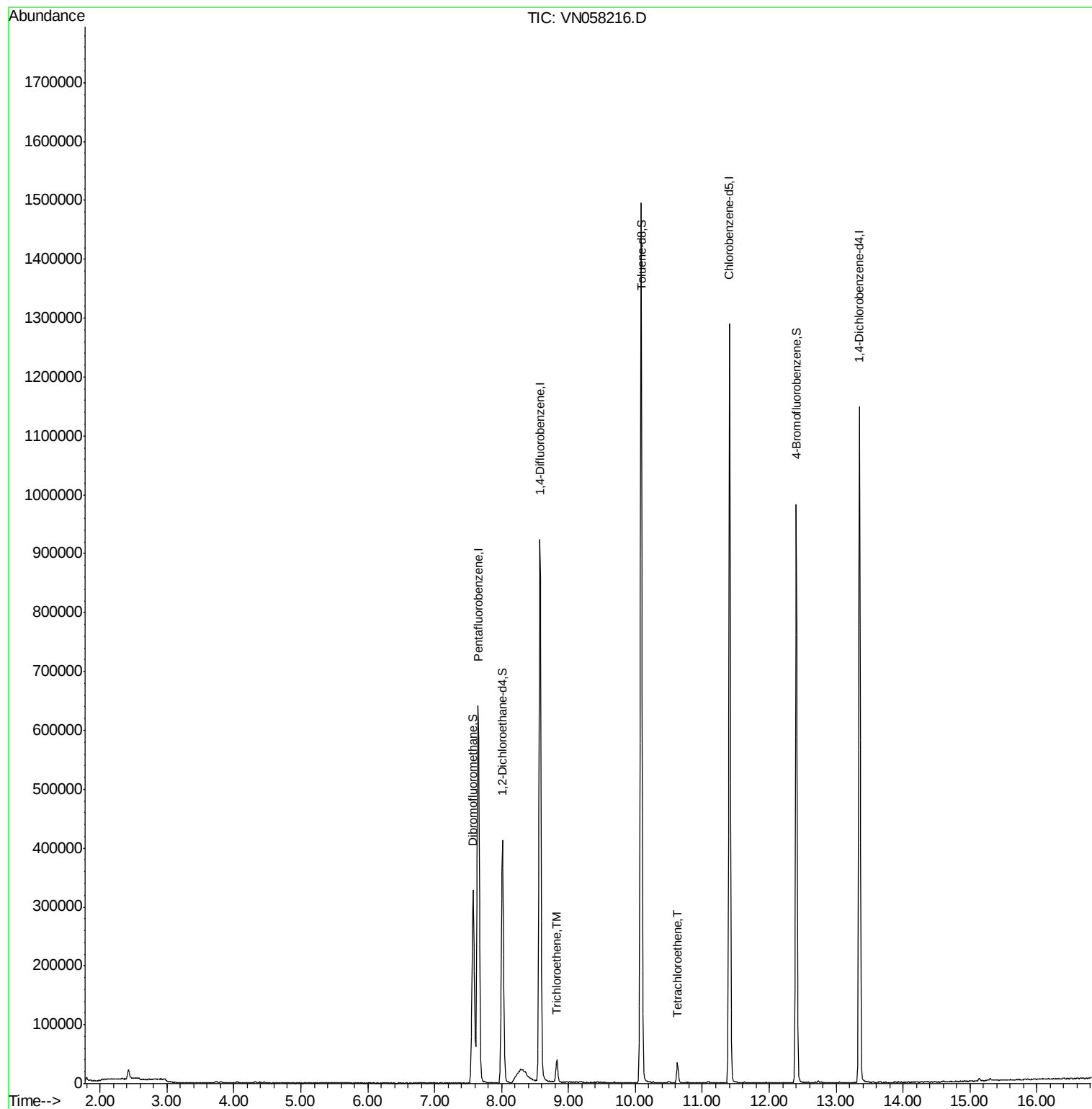
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	494407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	803224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	681914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	287578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	359588	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
35) Dibromofluoromethane	7.58	113	246251	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
50) Toluene-d8	10.08	98	1024881	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
62) 4-Bromofluorobenzene	12.40	95	329106	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
Target Compounds						
44) Trichloroethene	8.83	130	13060	3.017	ug/l	97
64) Tetrachloroethene	10.63	164	7963	2.395	ug/l	90

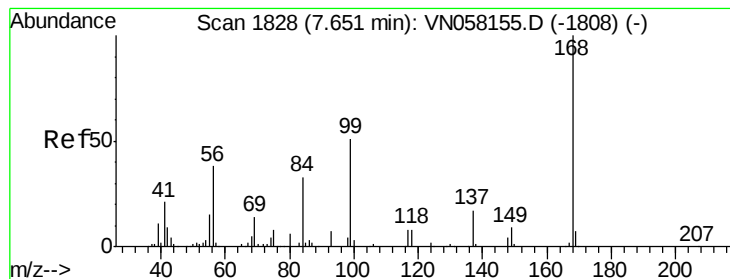
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091919\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

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Acq: 19 Sep 2019 20:00

Instrument :

MSVOA_N

ClientSampleId :

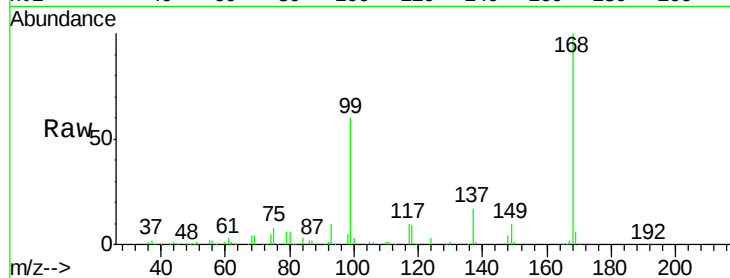
RE126D3-20190912

Tot Ion:168 Resp: 494407

Ion Ratio Lower Upper

168 100

99 60.5 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

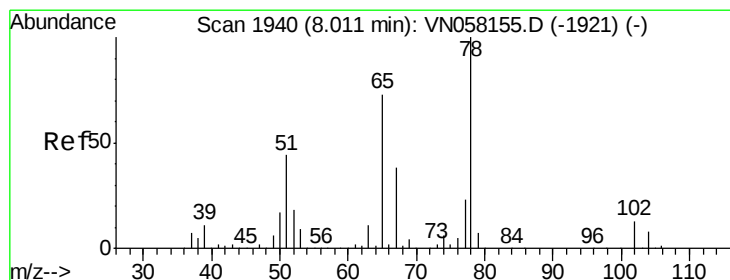
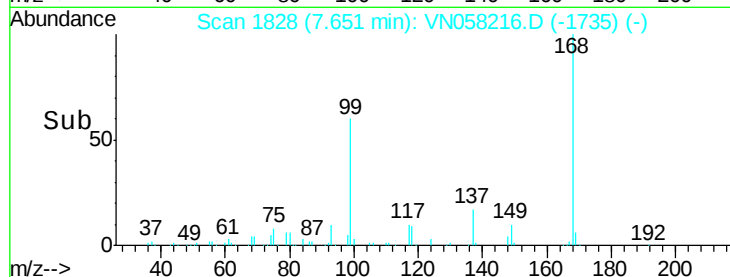
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.219 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058216.D

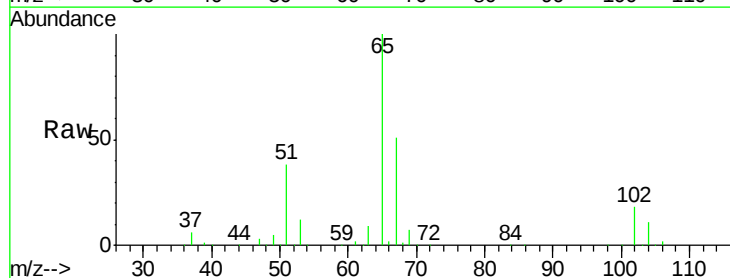
Acq: 19 Sep 2019 20:00

Tgt Ion: 65 Resp: 359588

Ion Ratio Lower Upper

65 100

67 51.3 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

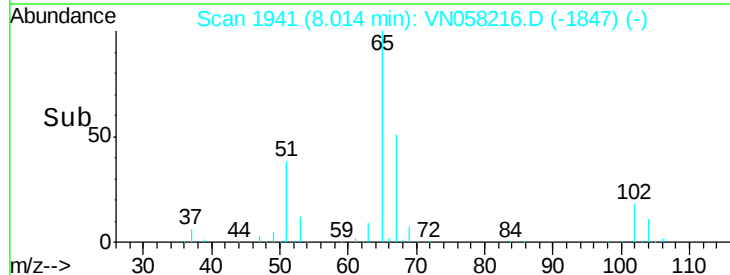
150000

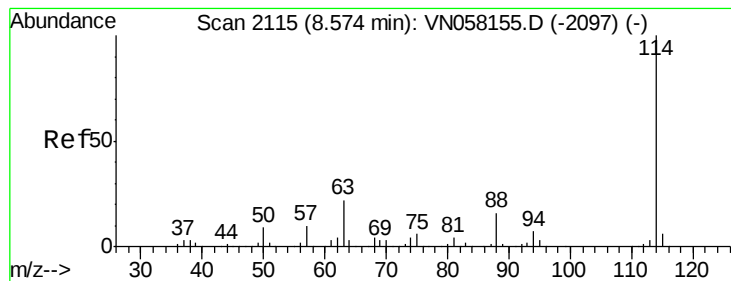
100000

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: VN058216.D

Acq: 19 Sep 2019 20:00

Instrument :

MSVOA_N

ClientSampleId :

RE126D3-20190912

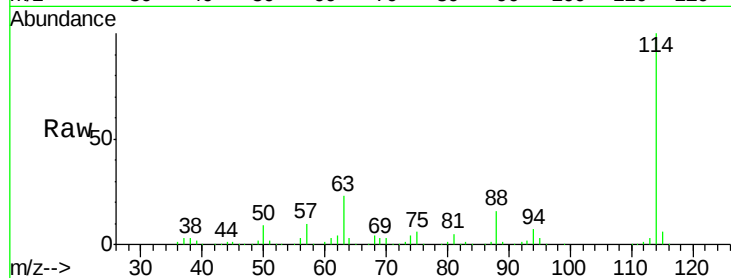
Tot Ion:114 Resp: 803224

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.2

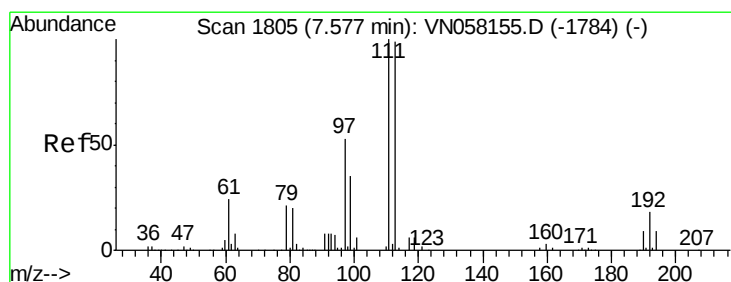
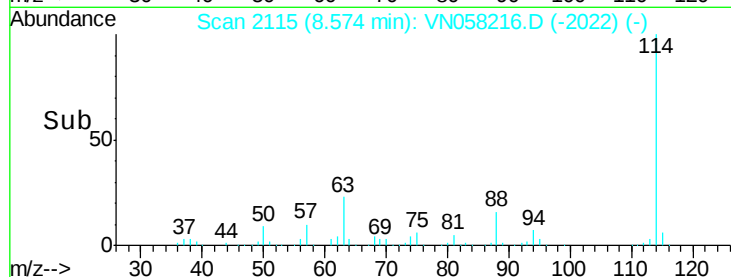
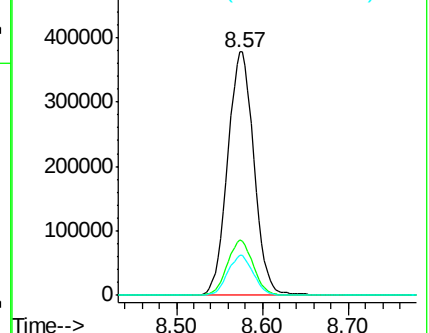
88 16.4 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.431 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN058216.D

Acq: 19 Sep 2019 20:00

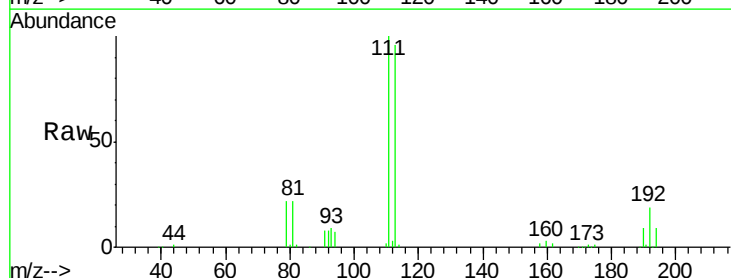
Tgt Ion:113 Resp: 246251

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.6

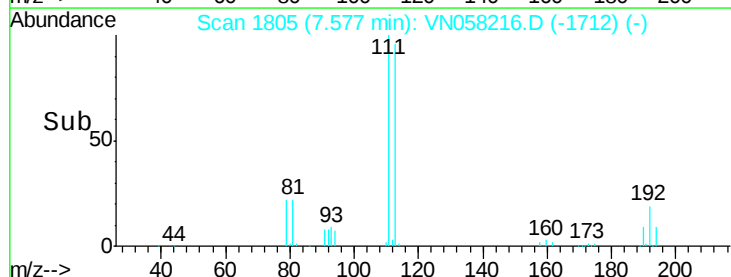
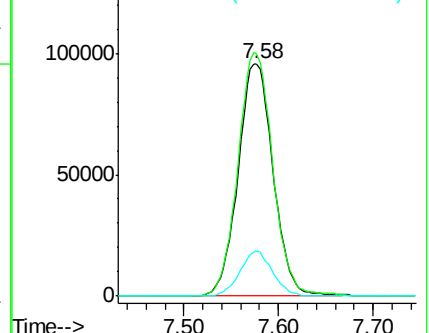
192 18.1 14.5 21.7

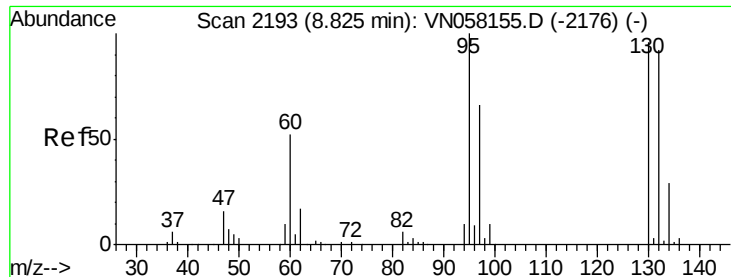


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.017 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN058216.D

Acq: 19 Sep 2019 20:00

Instrument :

MSVOA_N

ClientSampleId :

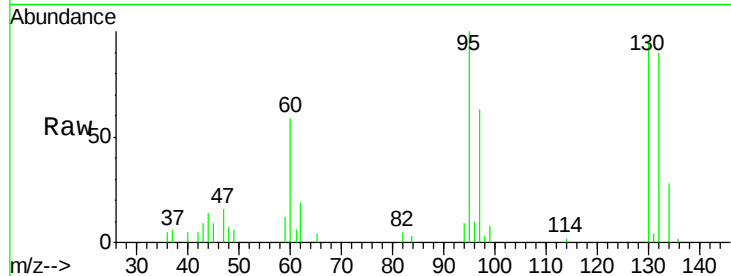
RE126D3-20190912

Tot Ion:130 Resp: 13060

Ion Ratio Lower Upper

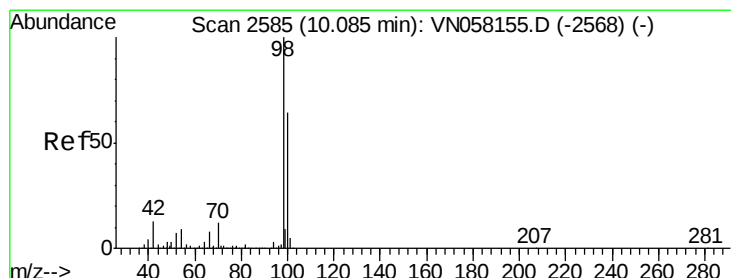
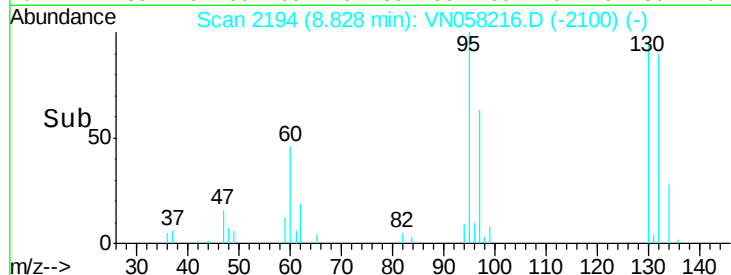
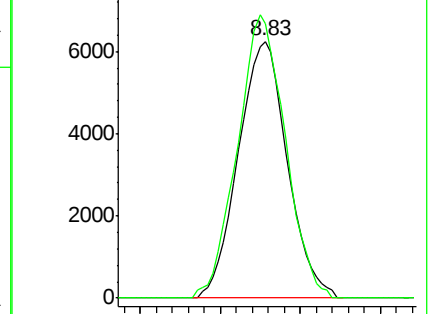
130 100

95 106.9 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: 53.870 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058216.D

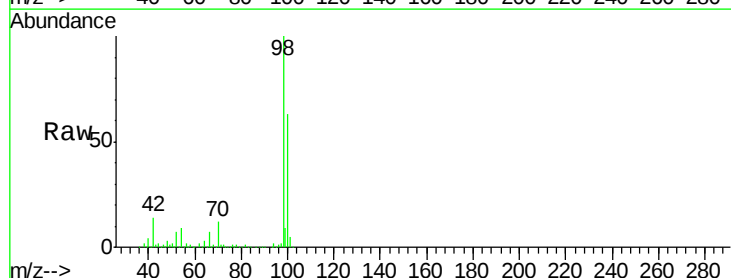
Acq: 19 Sep 2019 20:00

Tgt Ion: 98 Resp: 1024881

Ion Ratio Lower Upper

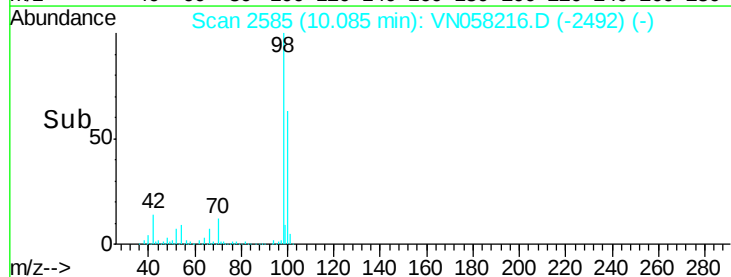
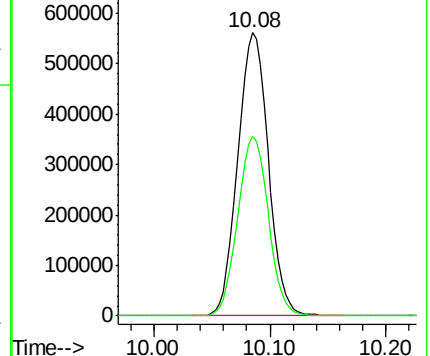
98 100

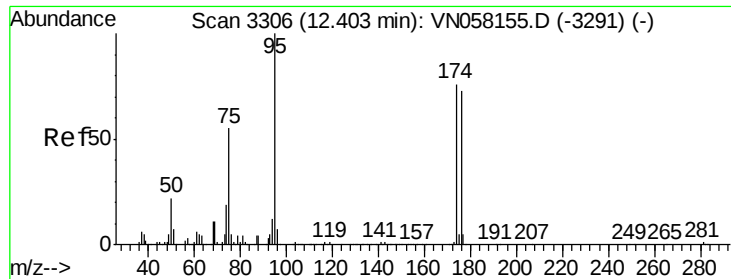
100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 46.569 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058216.D

Acq: 19 Sep 2019 20:00

Instrument :

MSVOA_N

ClientSampleId :

RE126D3-20190912

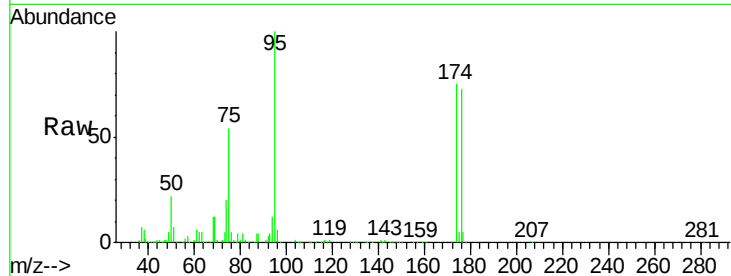
Tot Ion: 95 Resp: 329106

Ion Ratio Lower Upper

95 100

174 76.1 0.0 152.2

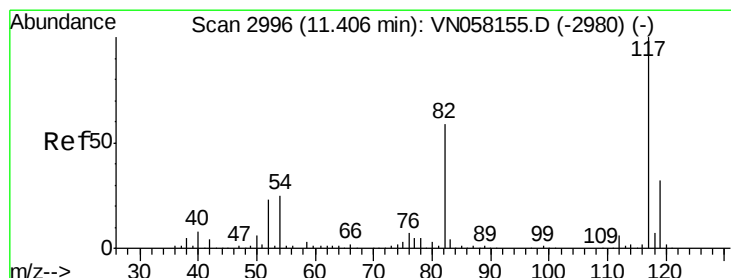
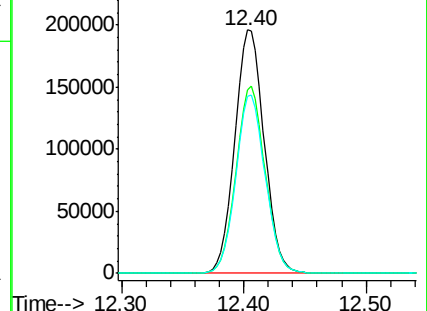
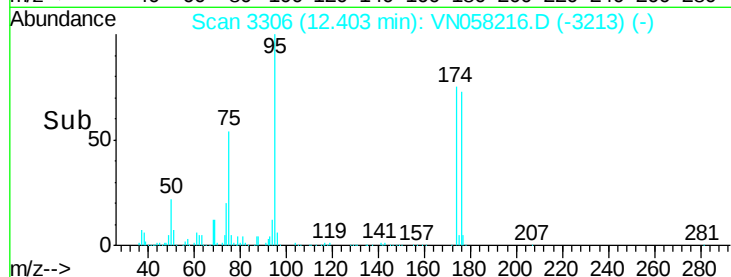
176 73.3 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058216.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058216.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058216.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058216.D

Acq: 19 Sep 2019 20:00

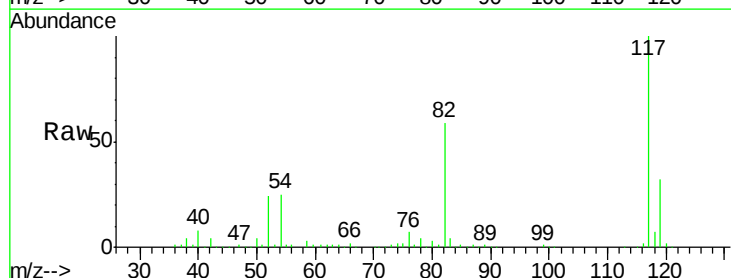
Tgt Ion: 117 Resp: 681914

Ion Ratio Lower Upper

117 100

82 59.5 46.9 70.3

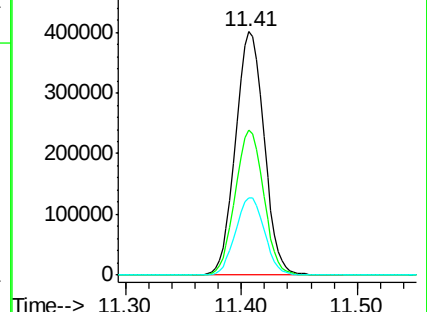
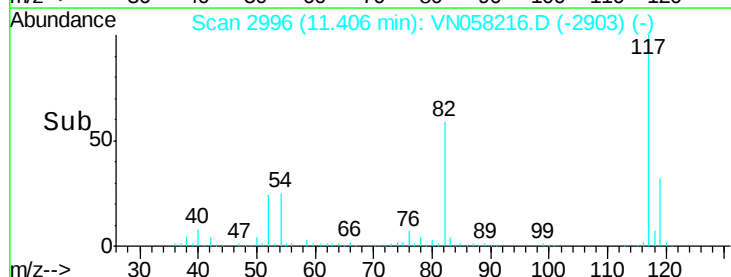
119 31.9 25.3 37.9

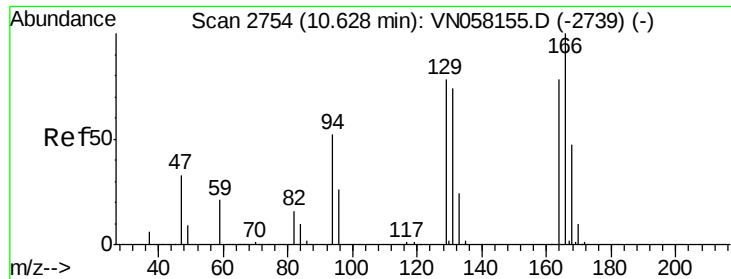


Abundance Ion 116.90 (116.60 to 117.60): VN058216.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058216.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058216.D (-2903) (-)





#64

Tetrachloroethene

Concen: 2.395 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN058216.D

Acq: 19 Sep 2019 20:00

Instrument :

MSVOA_N

ClientSampleId :

RE126D3-20190912

Tot Ion:164 Resp: 7963

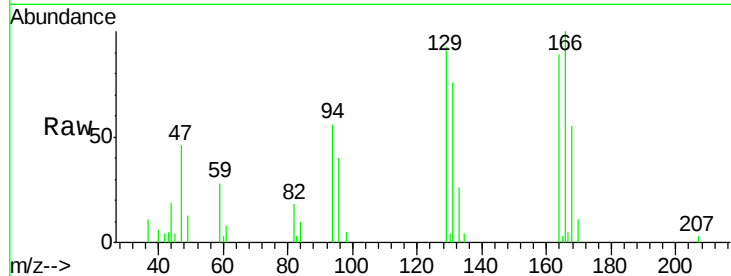
Ion Ratio Lower Upper

164 100

166 112.5 102.2 153.4

129 104.9 79.6 119.4

131 85.2 76.0 114.0

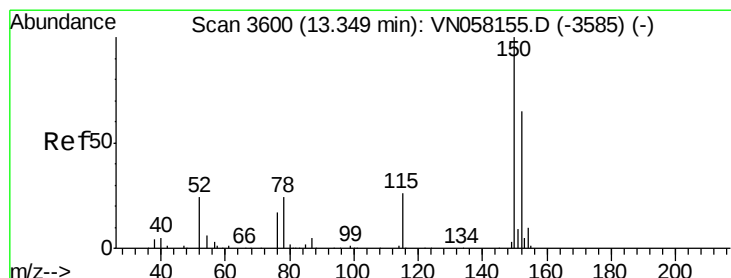
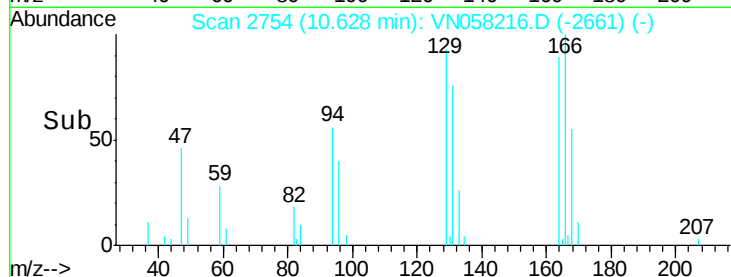
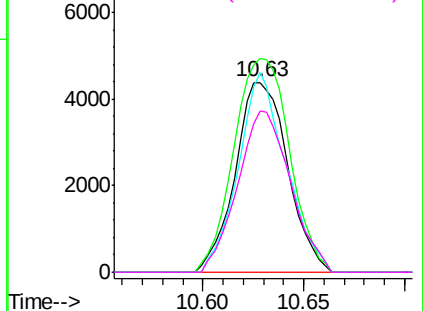


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN058216.D

Acq: 19 Sep 2019 20:00

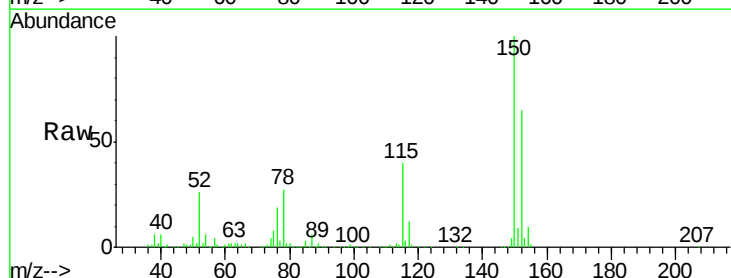
Tgt Ion:152 Resp: 287578

Ion Ratio Lower Upper

152 100

115 62.3 30.1 90.3

150 156.9 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

