

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058583.D
 Acq On : 7 Oct 2019 21:34
 Operator : JC/SP
 Sample : K5215-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 13930

Quant Time: Oct 08 15:41:32 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

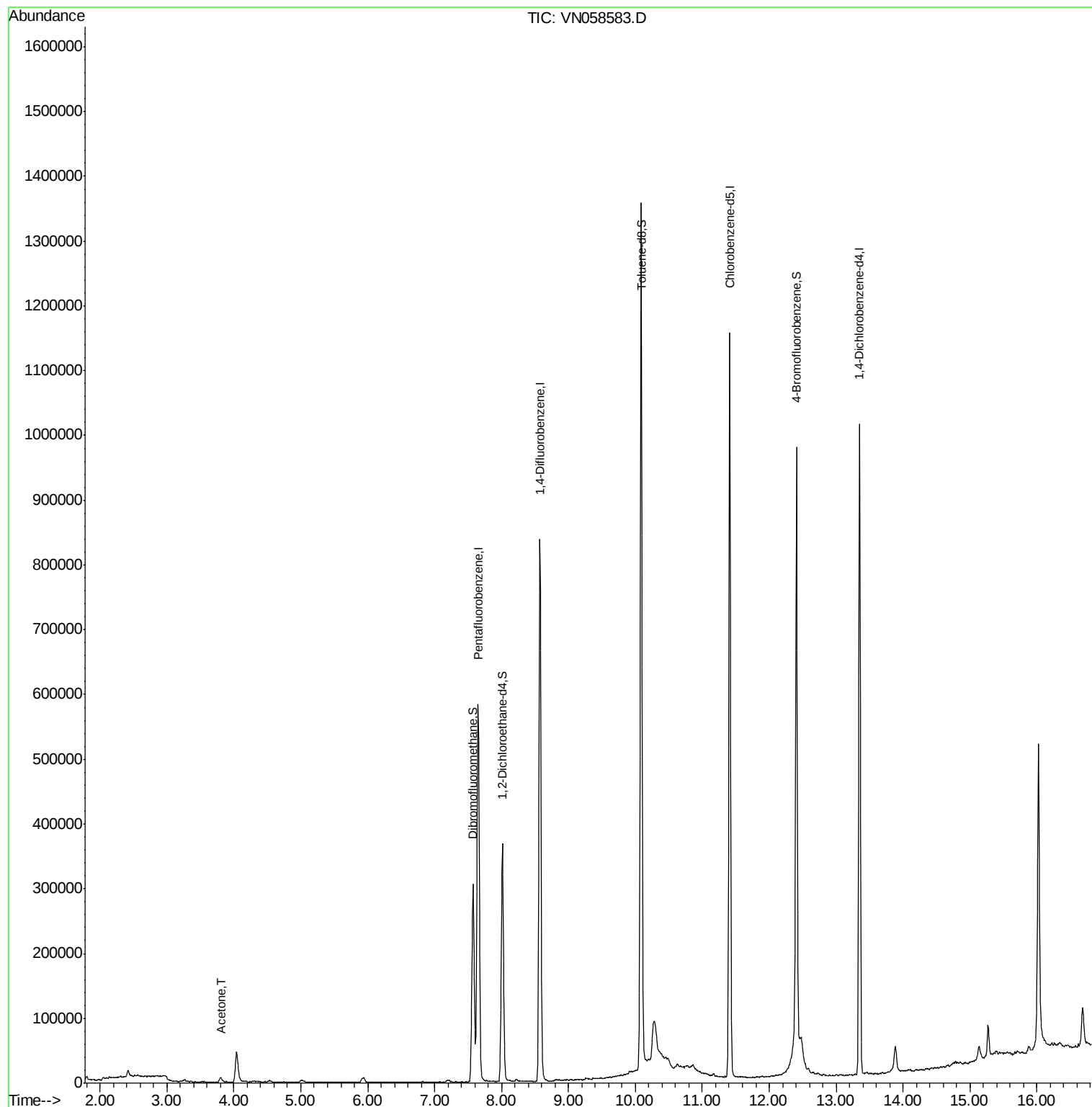
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	472071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	747710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	646771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	259878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	325938	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
35) Dibromofluoromethane	7.57	113	234526	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
50) Toluene-d8	10.08	98	931128	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.41	95	308801	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
Target Compounds						
16) Acetone	3.80	43	12046	5.122	ug/l	Qvalue 90

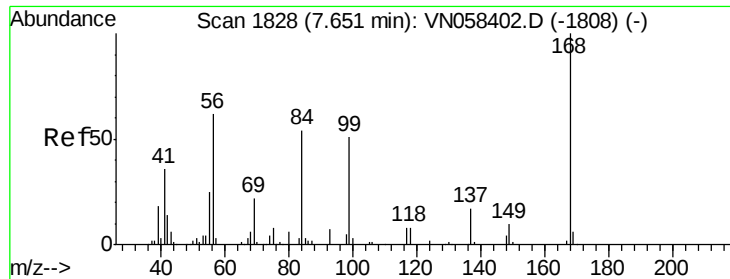
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058583.D

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MSVOA_N

ClientSampleId :

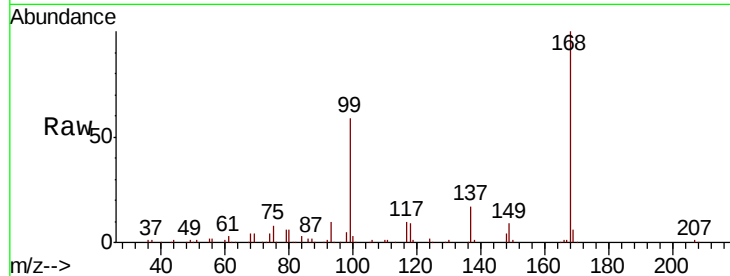
13930

Tot Ion:168 Resp: 472071

Ion Ratio Lower Upper

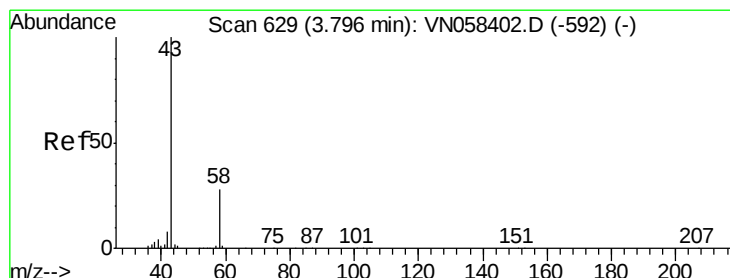
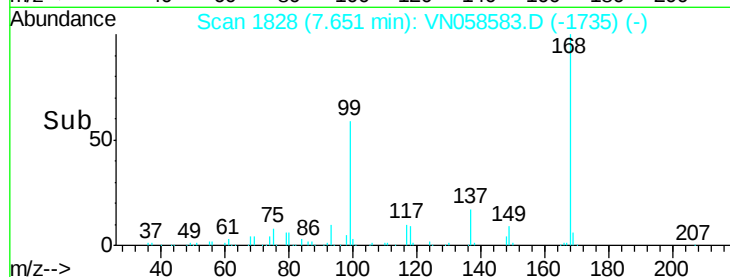
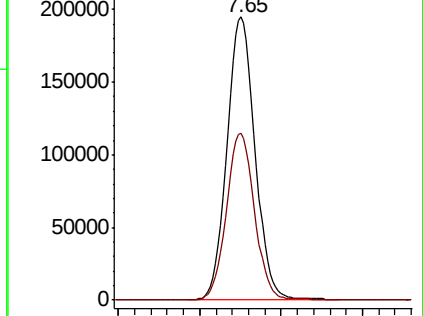
168 100

99 59.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.122 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058583.D

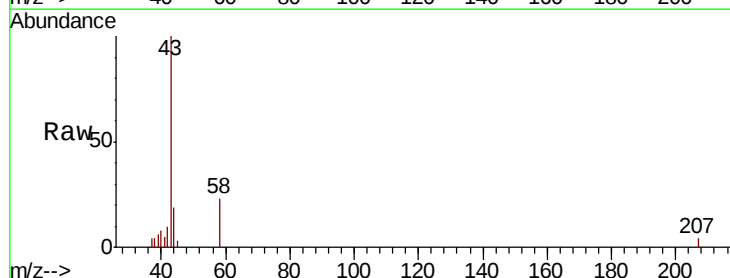
Acq: 7 Oct 2019 21:34

Tgt Ion: 43 Resp: 12046

Ion Ratio Lower Upper

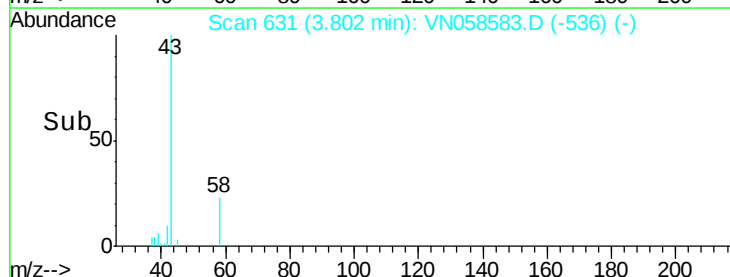
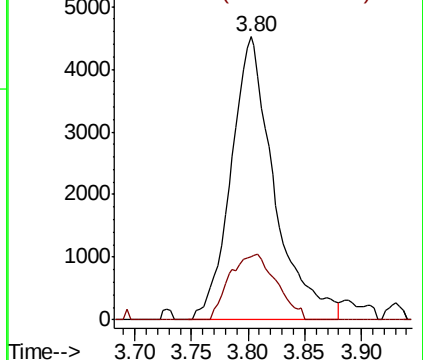
43 100

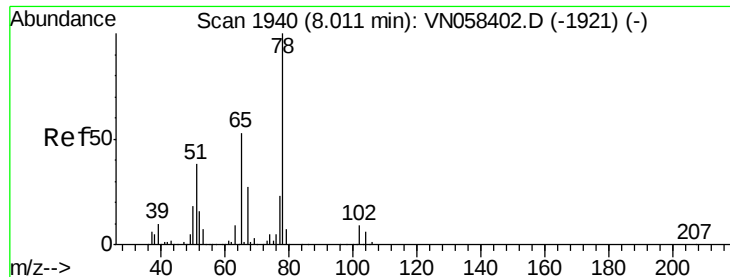
58 22.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 47.247 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058583.D

Acq: 7 Oct 2019 21:34

Instrument :

MSVOA_N

ClientSampleId :

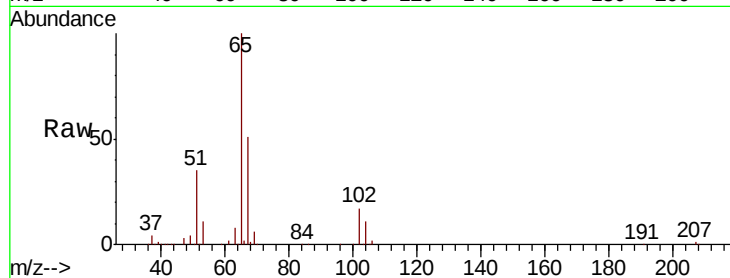
13930

Tot Ion: 65 Resp: 325938

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN058402.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN058402.D (-1921) (-)

8.01

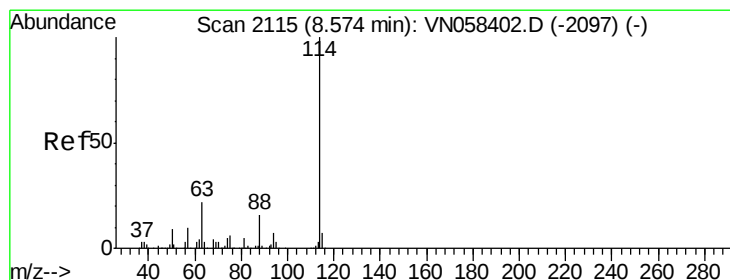
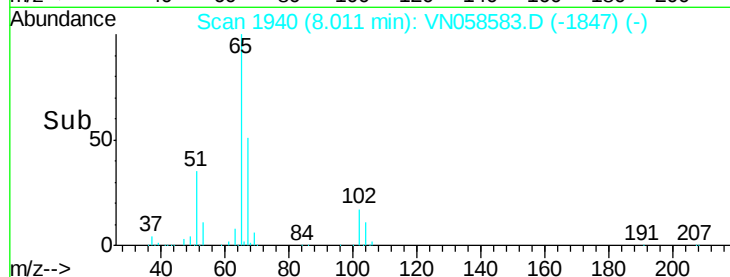
150000

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: VN058583.D

Acq: 7 Oct 2019 21:34

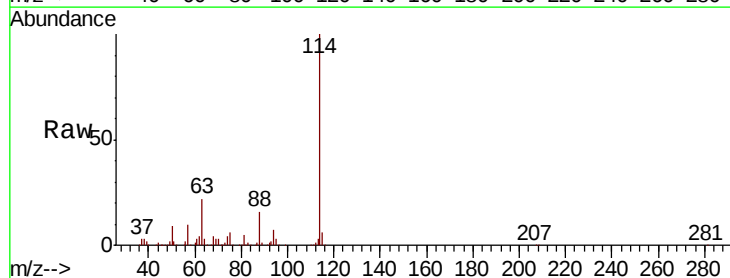
Tgt Ion: 114 Resp: 747710

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

88 15.6 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN058402.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN058402.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN058402.D (-2097) (-)

8.57

400000

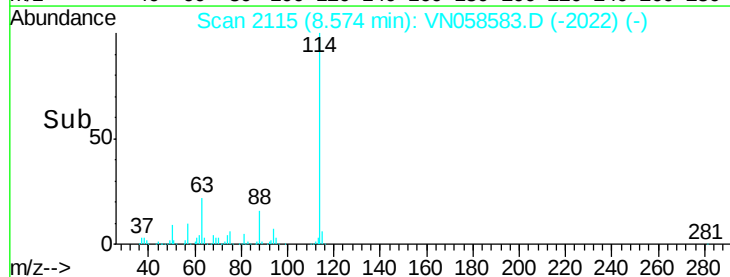
300000

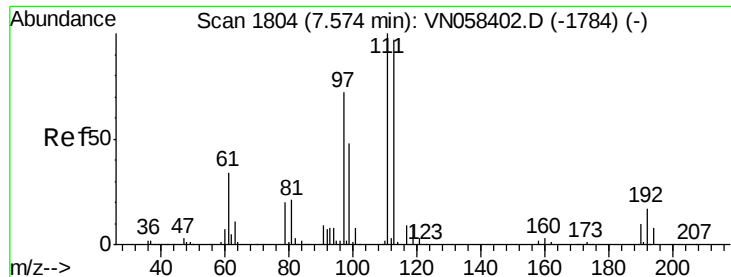
200000

100000

0

Time-->

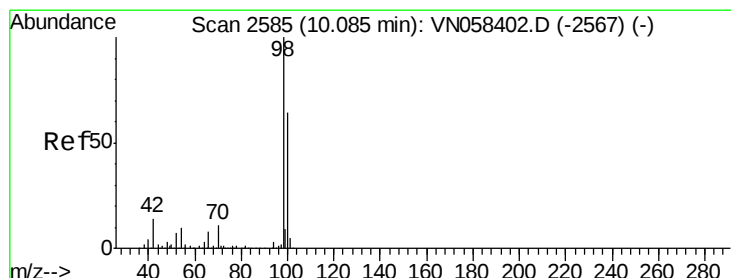
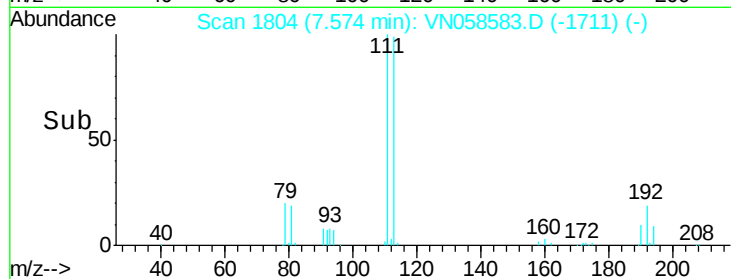
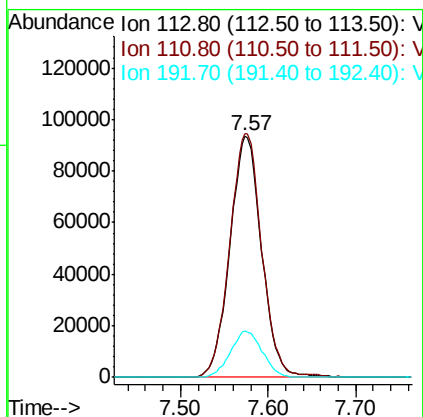
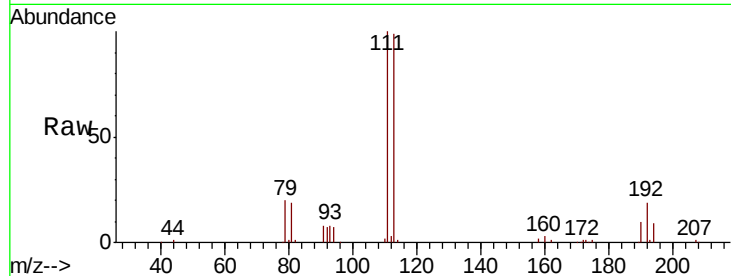




#35
 Dibromofluoromethane
 Concen: 51.177 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058583.D
 Acq: 7 Oct 2019 21:34

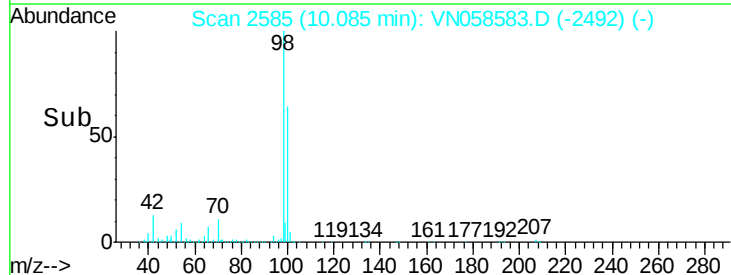
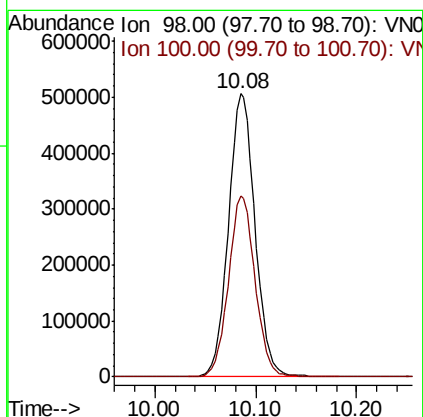
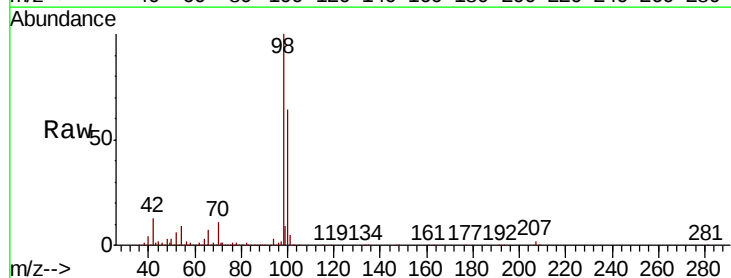
Instrument :
 MSVOA_N
 ClientSampleId :
 13930

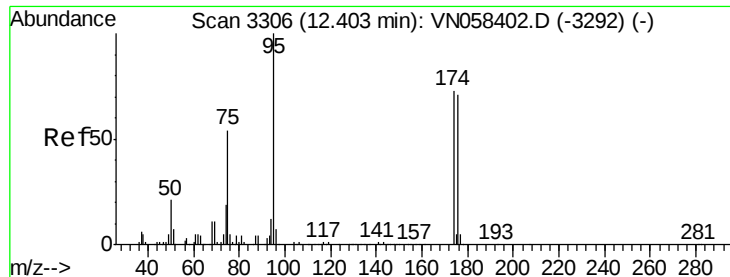
Tot Ion:113 Resp: 234526
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.4 125.2
 192 19.4 14.9 22.3



#50
 Toluene-d8
 Concen: 51.867 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058583.D
 Acq: 7 Oct 2019 21:34

Tgt Ion: 98 Resp: 931128
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.0 76.6





#62

4-Bromofluorobenzene

Concen: 47.573 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058583.D

Acq: 7 Oct 2019 21:34

Instrument :

MSVOA_N

ClientSampled :

13930

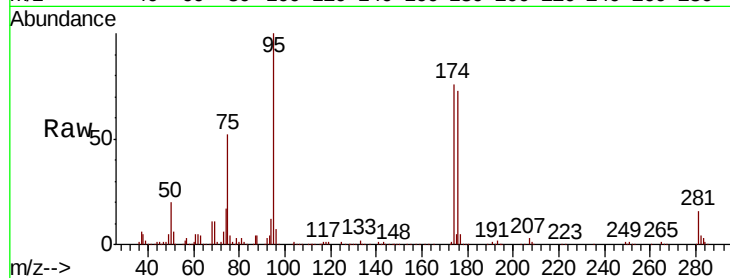
Tot Ion: 95 Resp: 308801

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.6

176 73.5 0.0 146.2

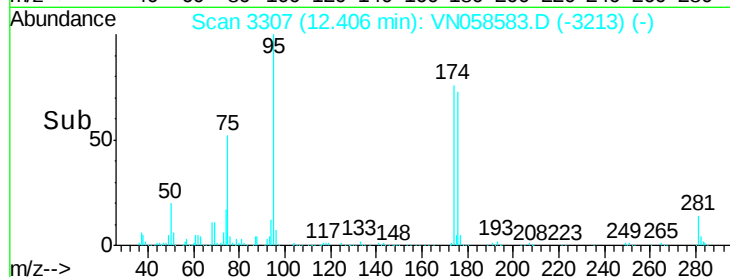


Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

Time-->

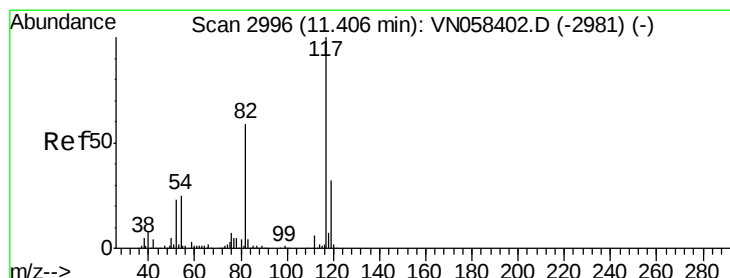


Abundance Ion 94.90 (94.60 to 95.60): VN058583.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058583.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058583.D (-3213) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058583.D

Acq: 7 Oct 2019 21:34

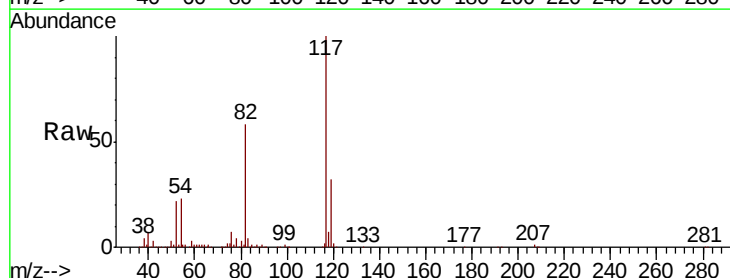
Tgt Ion: 117 Resp: 646771

Ion Ratio Lower Upper

117 100

82 58.2 47.4 71.0

119 31.7 25.5 38.3

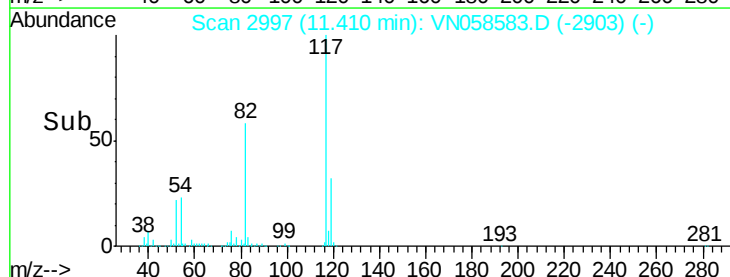


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)

Time-->

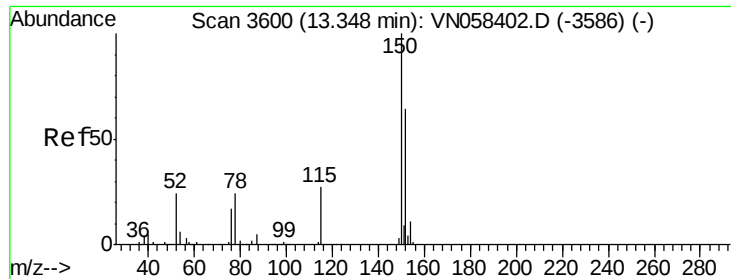


Abundance Ion 116.90 (116.60 to 117.60): VN058583.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058583.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058583.D (-2903) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058583.D

Acq: 7 Oct 2019 21:34

Instrument :

MSVOA_N

ClientSampleId :

13930

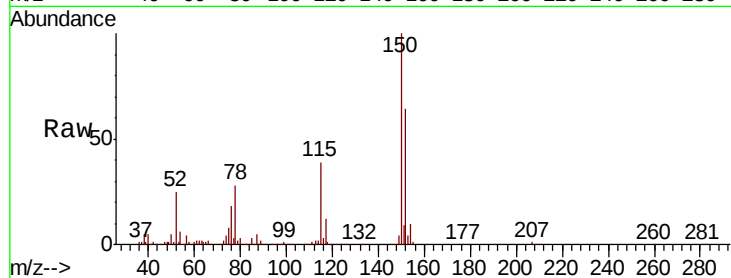
Tot Ion:152 Resp: 259878

Ion Ratio Lower Upper

152 100

115 60.9 30.0 90.0

150 158.3 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

