

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058576.D
 Acq On : 7 Oct 2019 18:59
 Operator : JC/SP
 Sample : K5197-10DL 1000X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23S_100319DL

Quant Time: Oct 08 15:24:41 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

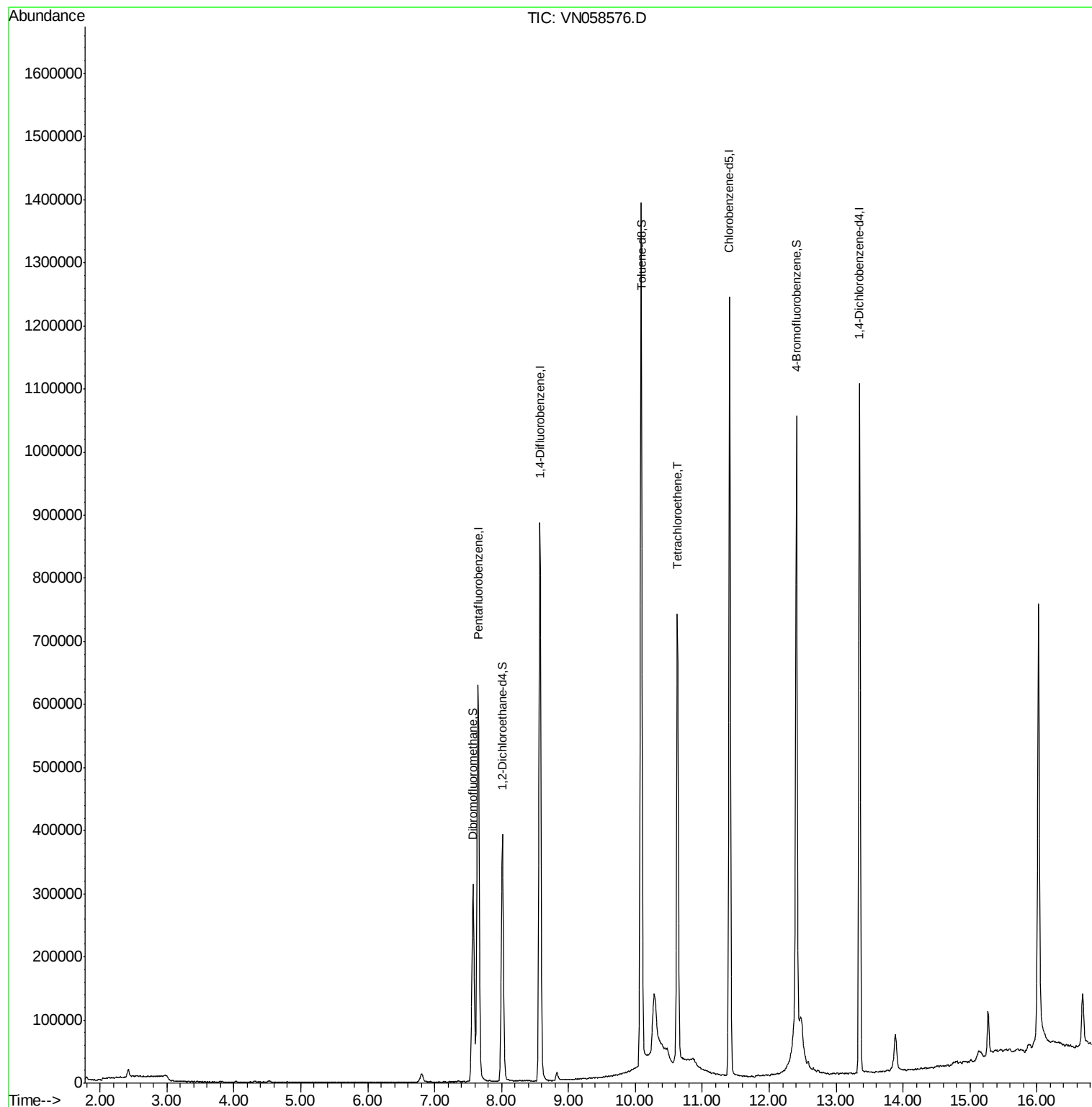
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	502800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	788377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	691571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	282066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	334433	45.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.04%	
35) Dibromofluoromethane	7.57	113	238501	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	10.09	98	956893	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.41	95	321960	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
Target Compounds						
64) Tetrachloroethene	10.63	164	162453	36.973	ug/l	Qvalue 98

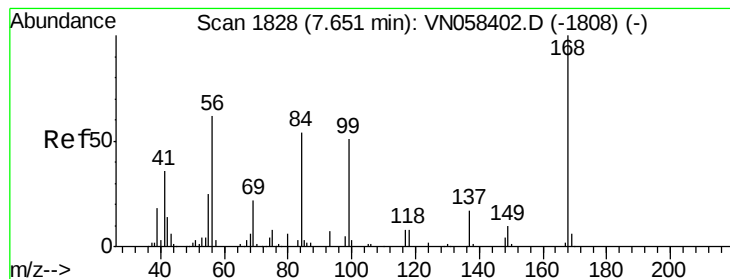
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058576.D

Acq: 7 Oct 2019 18:59

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ClientSampleId :

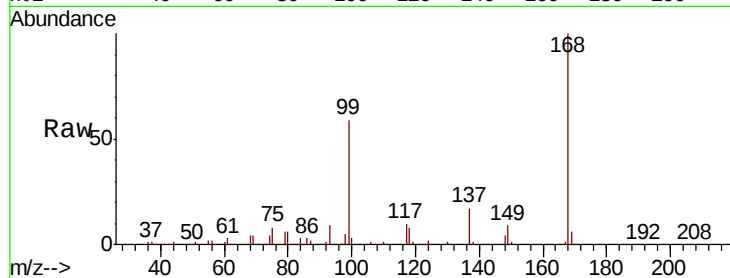
MW-23S_100319DL

Tot Ion:168 Resp: 502800

Ion Ratio Lower Upper

168 100

99 58.5 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

250000

200000

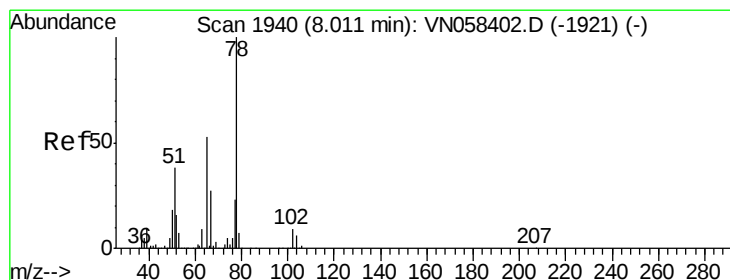
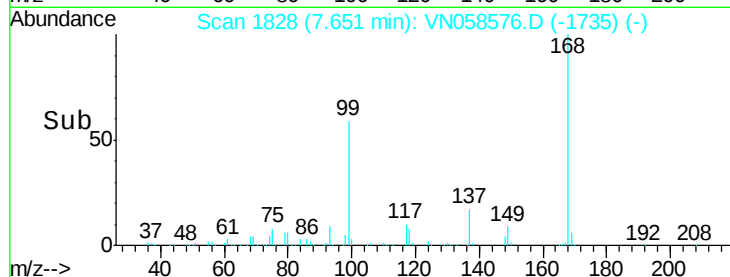
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 45.516 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058576.D

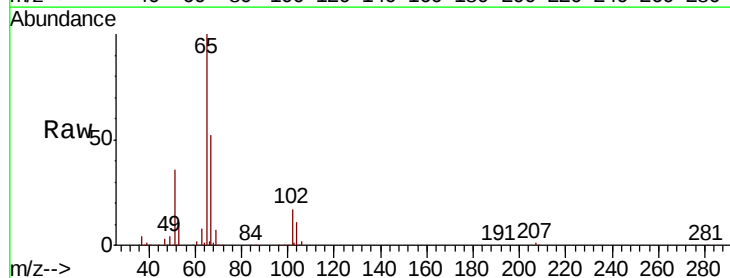
Acq: 7 Oct 2019 18:59

Tgt Ion: 65 Resp: 334433

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

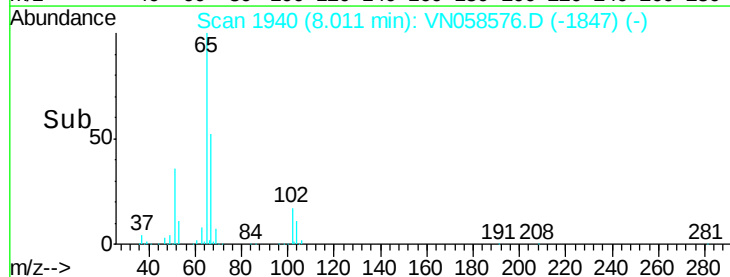
150000

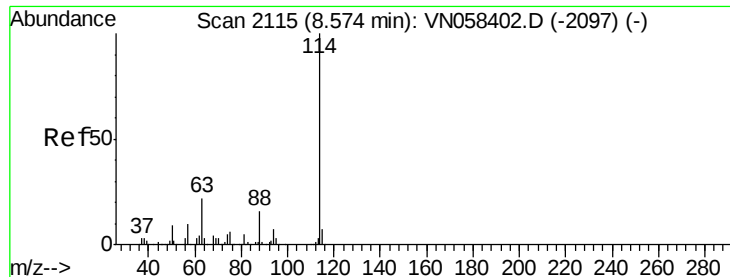
100000

50000

0

Time--> 7.90 8.00 8.10

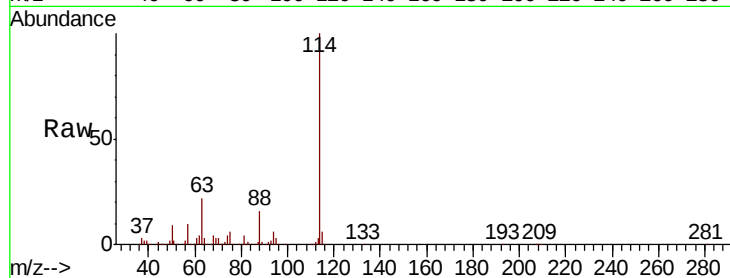




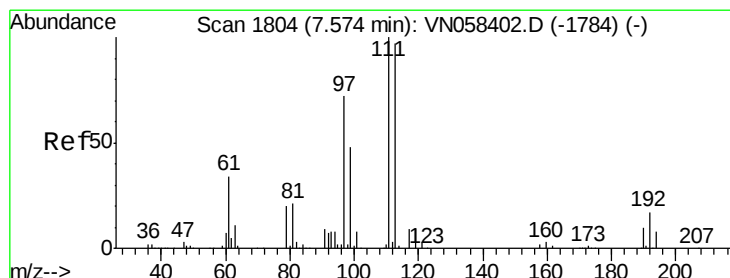
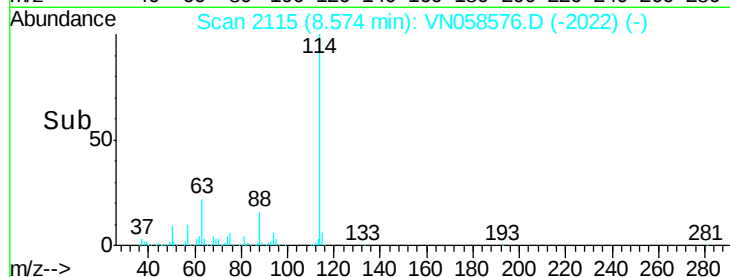
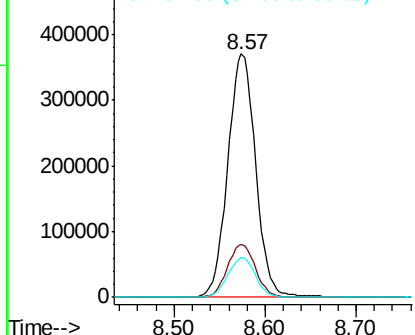
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058576.D
 Acq: 7 Oct 2019 18:59

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23S_100319DL

Tot Ion:114	Resp:	788377
Ion	Ratio	Lower Upper
114	100	
63	21.9	0.0 45.0
88	16.2	0.0 32.2

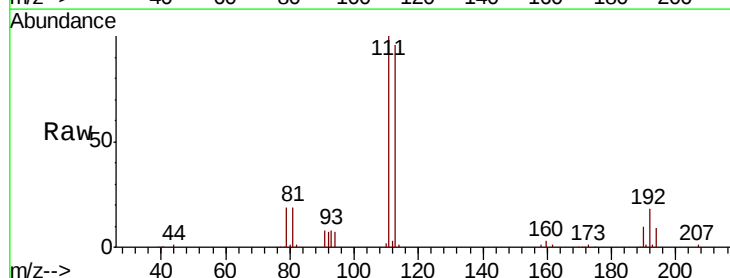


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

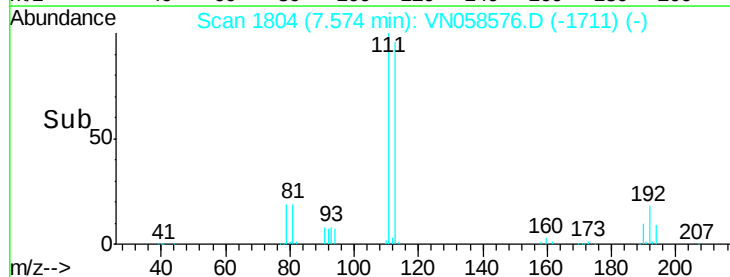
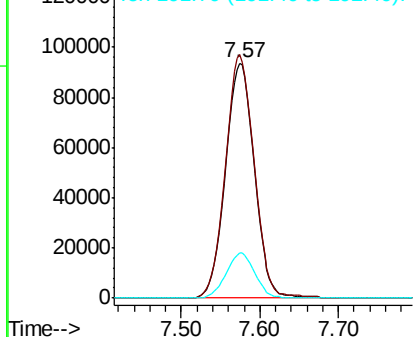


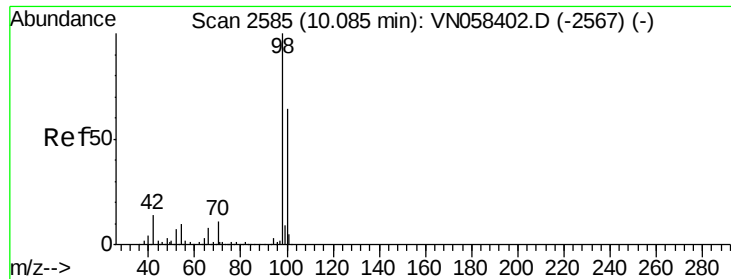
#35
 Dibromofluoromethane
 Concen: 49.360 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058576.D
 Acq: 7 Oct 2019 18:59

Tgt Ion:113	Resp:	238501
Ion	Ratio	Lower Upper
113	100	
111	101.9	83.4 125.2
192	18.9	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: 50.553 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058576.D

Acq: 7 Oct 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

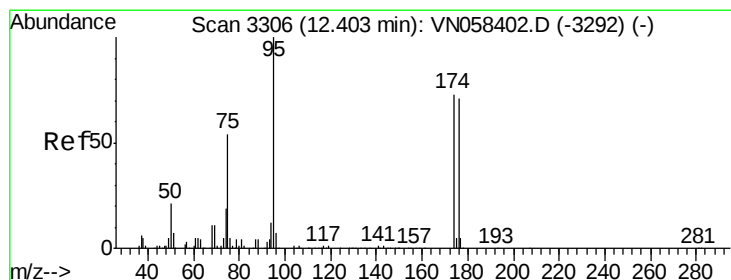
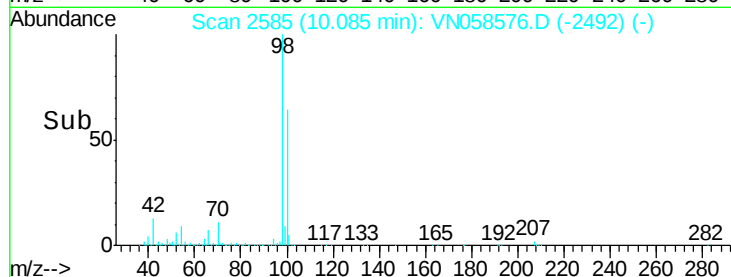
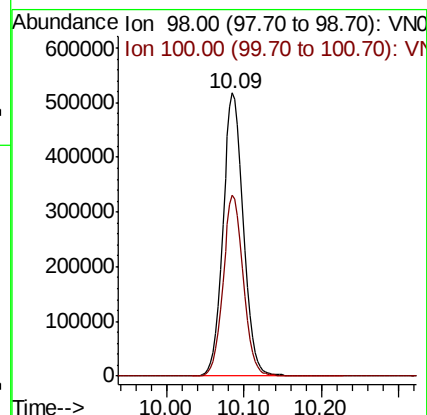
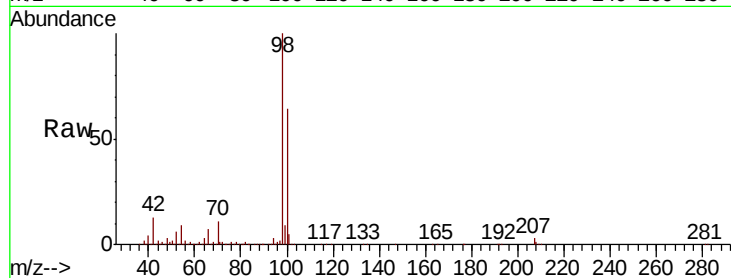
MW-23S_100319DL

Tot Ion: 98 Resp: 956893

Ion Ratio Lower Upper

98 100

100 63.4 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 47.041 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058576.D

Acq: 7 Oct 2019 18:59

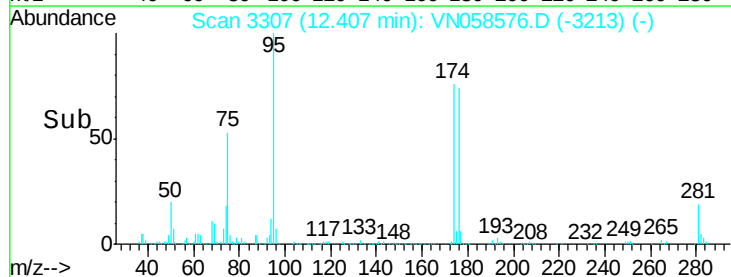
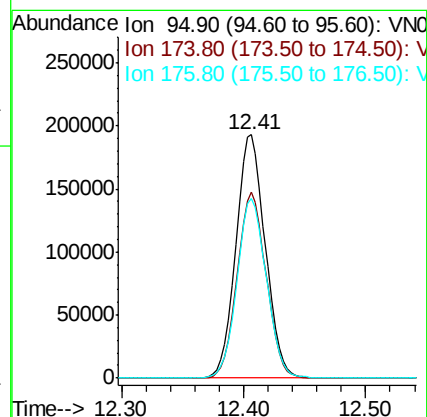
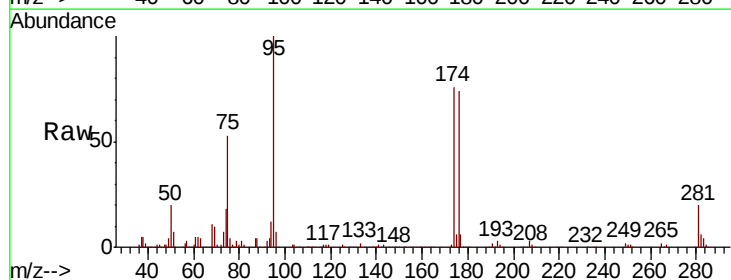
Tgt Ion: 95 Resp: 321960

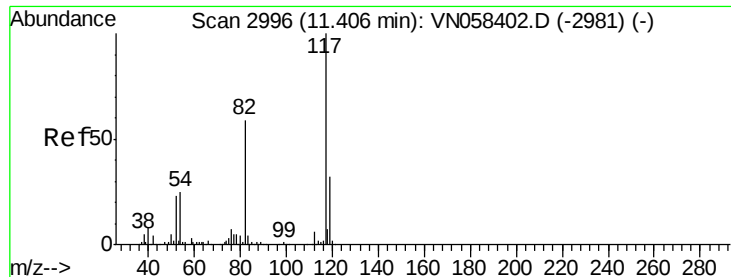
Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.6

176 73.6 0.0 146.2

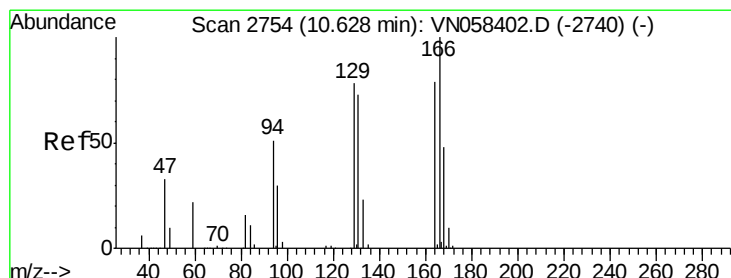
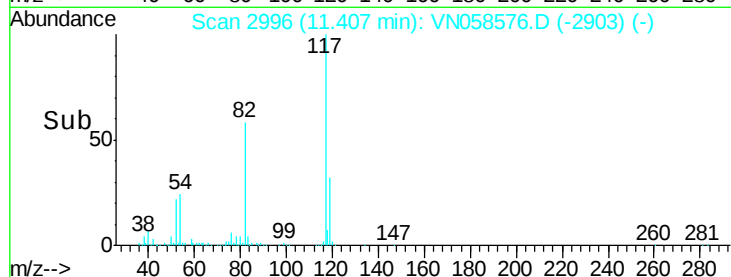
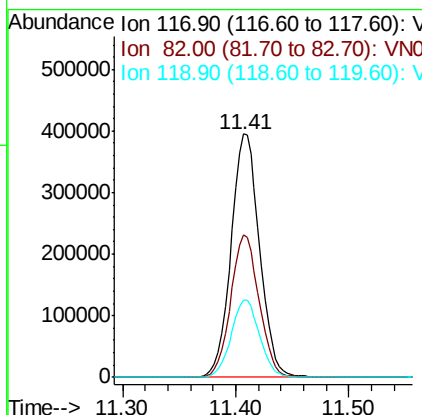
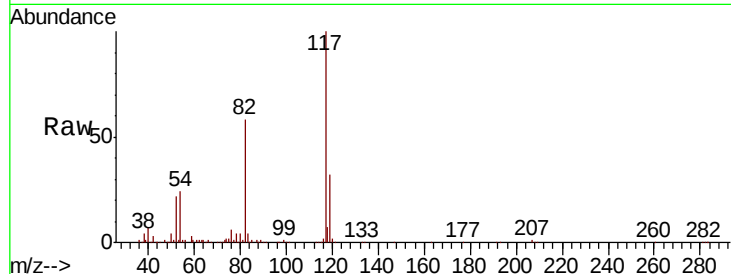




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058576.D
Acq: 7 Oct 2019 18:59

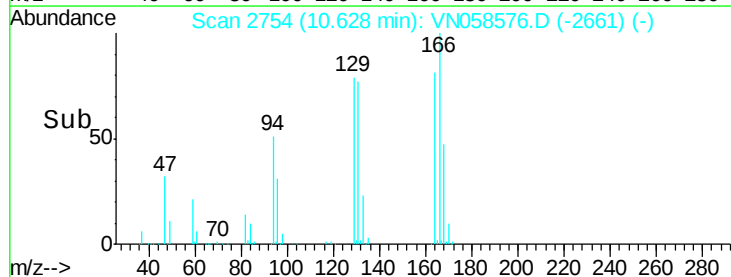
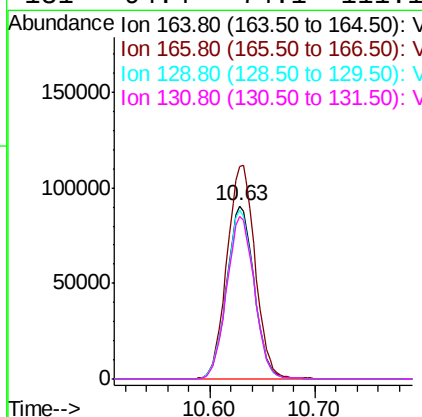
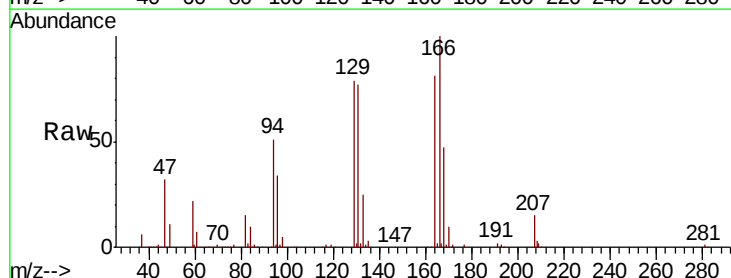
Instrument :
MSVOA_N
ClientSampleId :
MW-23S_100319DL

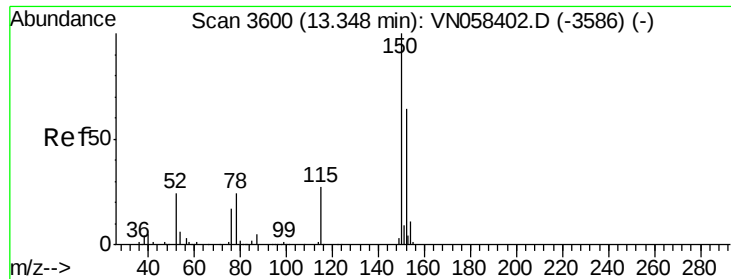
Tot Ion:117 Resp: 691571
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.0
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 36.973 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058576.D
Acq: 7 Oct 2019 18:59

Tgt Ion:164 Resp: 162453
Ion Ratio Lower Upper
164 100
166 123.2 101.1 151.7
129 97.5 79.2 118.8
131 94.4 74.1 111.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058576.D

Acq: 7 Oct 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

MW-23S_100319DL

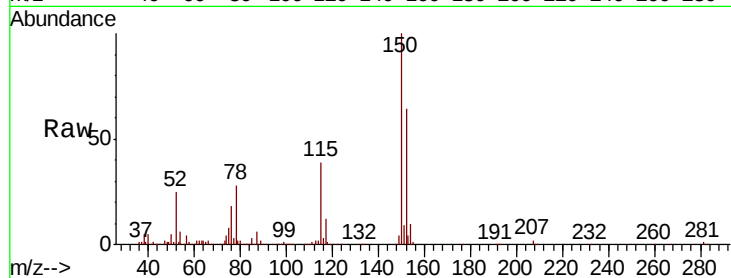
Tot Ion:152 Resp: 282066

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 157.3 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

