

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100719\
 Data File : VN058573.D
 Acq On : 7 Oct 2019 17:53
 Operator : JC/SP
 Sample : K5197-03DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-28B_100219DL

Quant Time: Oct 17 04:30:30 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

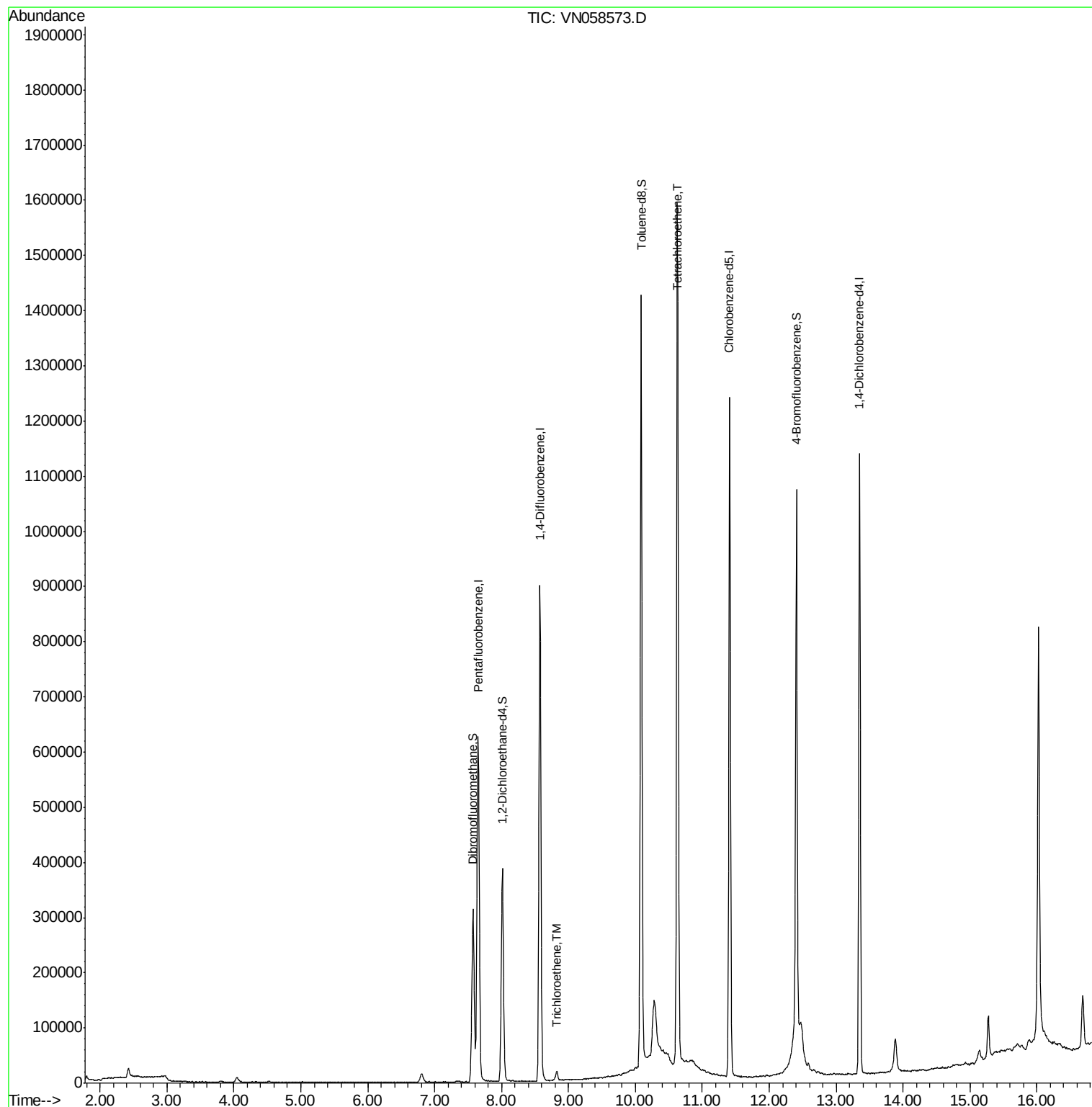
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	505623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	793829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	695958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	285079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	340816	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
35) Dibromofluoromethane	7.57	113	239110	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	10.08	98	967602	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.41	95	331165	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
Target Compounds						
44) Trichloroethene	8.83	130	5674	1.053	ug/l	99
64) Tetrachloroethene	10.63	164	354757	80.232	ug/l	99

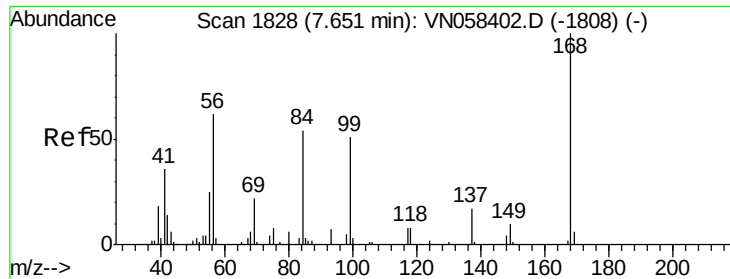
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA_N

ClientSampleId :

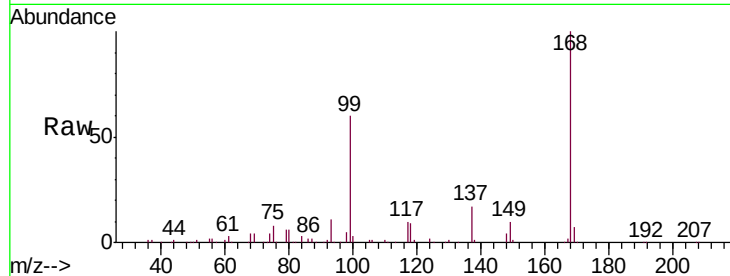
MW-28B_100219DL

Tgt Ion:168 Resp: 505623

Ion Ratio Lower Upper

168 100

99 59.5 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

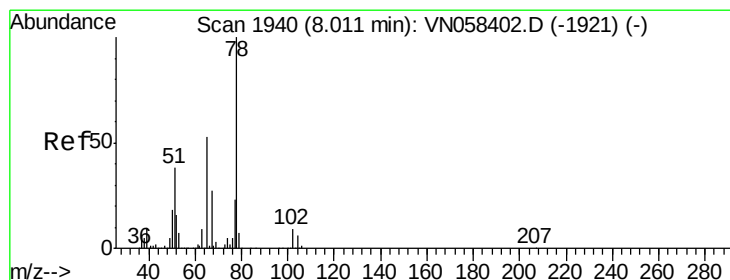
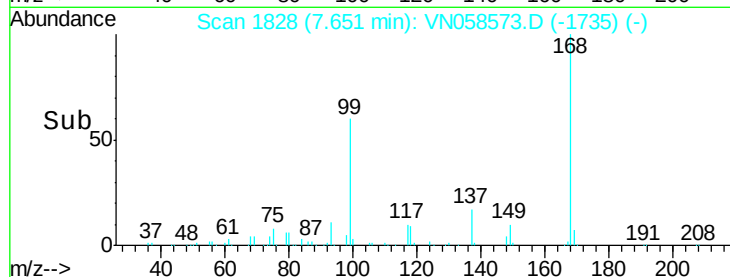
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 46.126 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058573.D

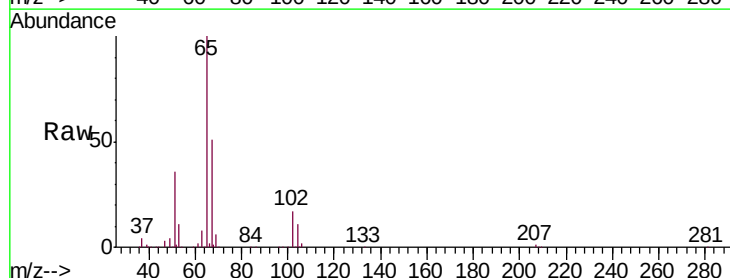
Acq: 7 Oct 2019 17:53

Tgt Ion: 65 Resp: 340816

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

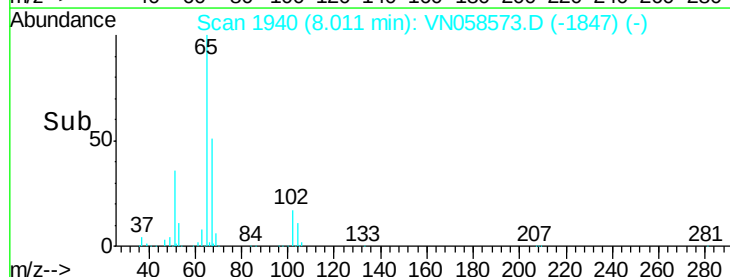
150000

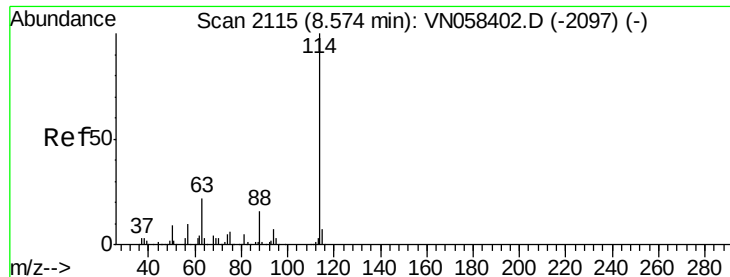
100000

50000

0

Time--> 7.90 8.00 8.10

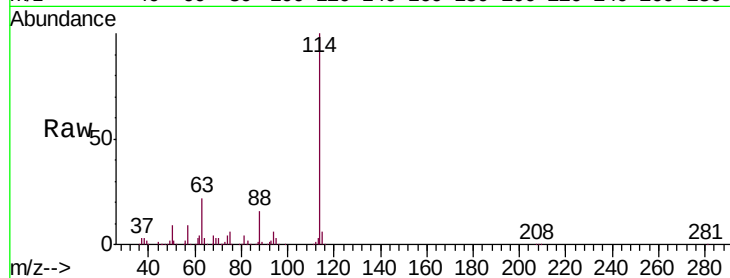




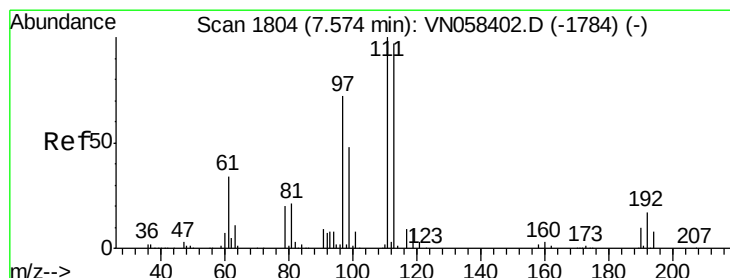
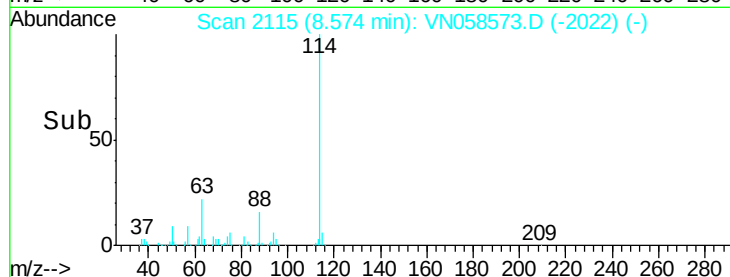
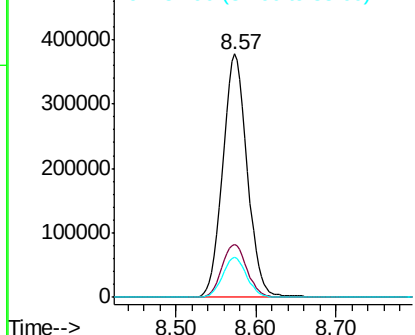
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058573.D
 Acq: 7 Oct 2019 17:53

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-28B_100219DL

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	45.0
88	16.2	0.0	32.2

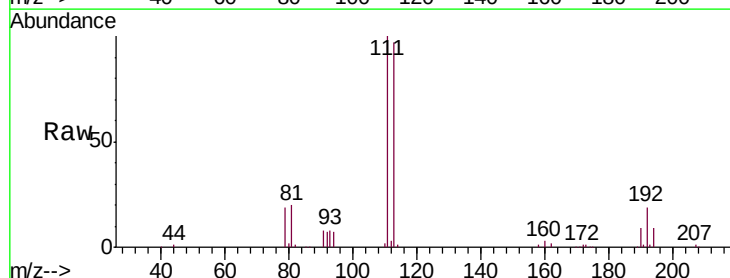


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

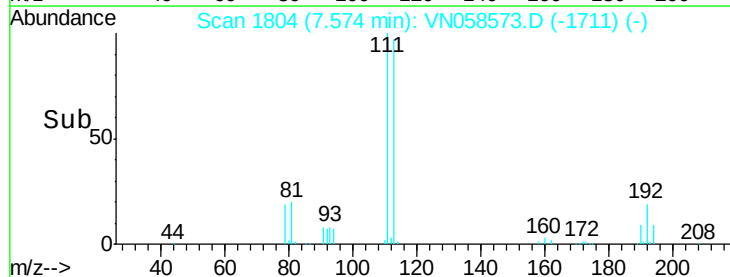
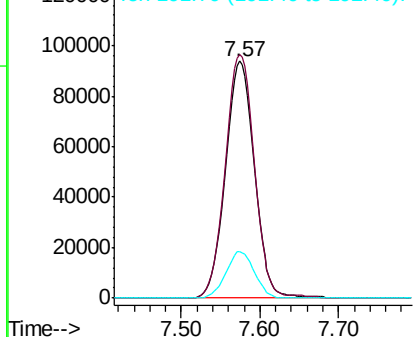


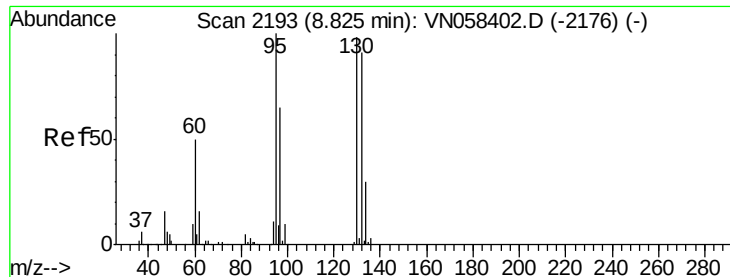
#35
 Dibromofluoromethane
 Concen: 49.146 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058573.D
 Acq: 7 Oct 2019 17:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.2
192	19.4	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





#44

Trichloroethene

Concen: 1.053 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN058573.D

Acq: 7 Oct 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

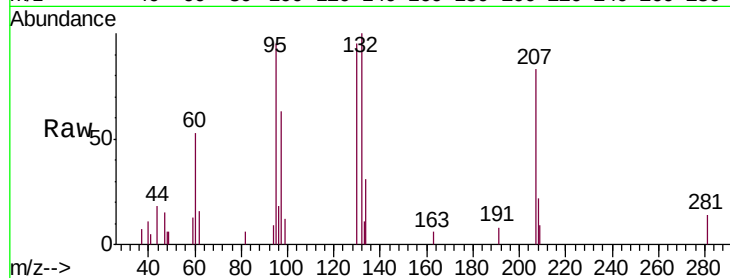
MW-28B_100219DL

Tgt Ion:130 Resp: 5674

Ion Ratio Lower Upper

130 100

95 100.8 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): VN058402.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN058402.D (-2176) (-)

8.83

3000

2500

2000

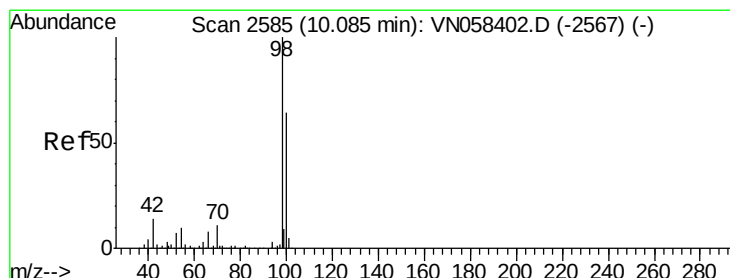
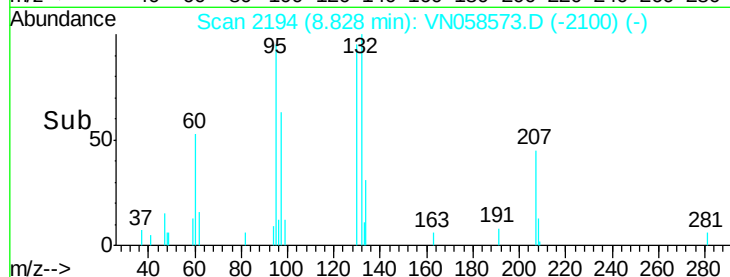
1500

1000

500

0

Time--> 8.75 8.80 8.85



#50

Toluene-d8

Concen: 50.768 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058573.D

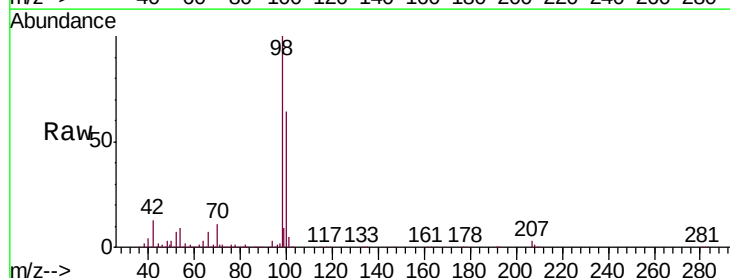
Acq: 7 Oct 2019 17:53

Tgt Ion: 98 Resp: 967602

Ion Ratio Lower Upper

98 100

100 64.3 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058402.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN058402.D (-2567) (-)

10.08

600000

500000

400000

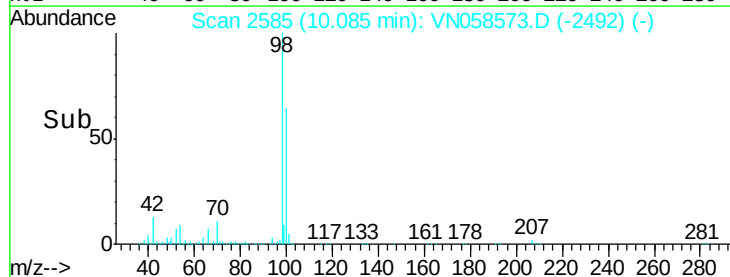
300000

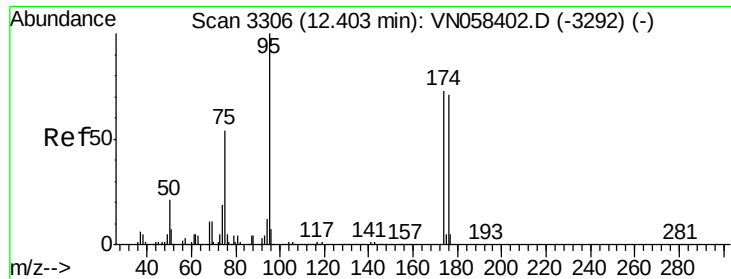
200000

100000

0

Time--> 10.00 10.10 10.20





#62

4-Bromofluorobenzene

Concen: 48.054 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058573.D

Acq: 7 Oct 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

MW-28B_100219DL

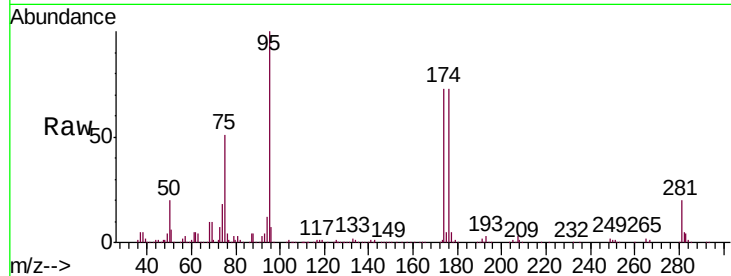
Tgt Ion: 95 Resp: 331165

Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.6

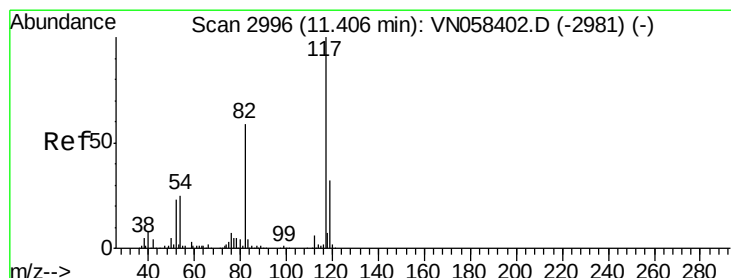
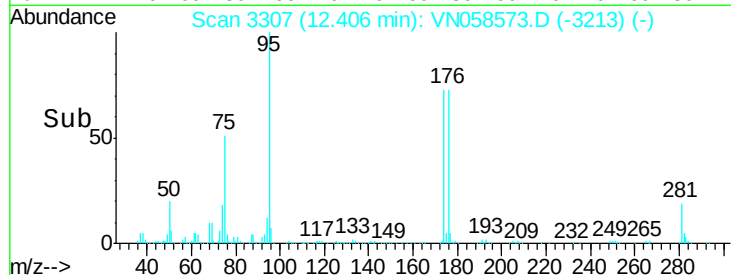
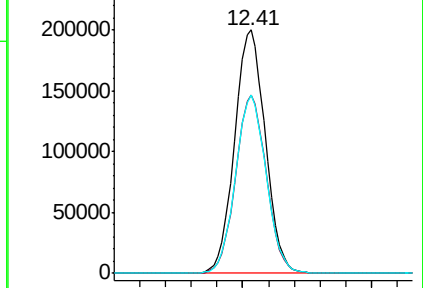
176 73.3 0.0 146.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058573.D

Acq: 7 Oct 2019 17:53

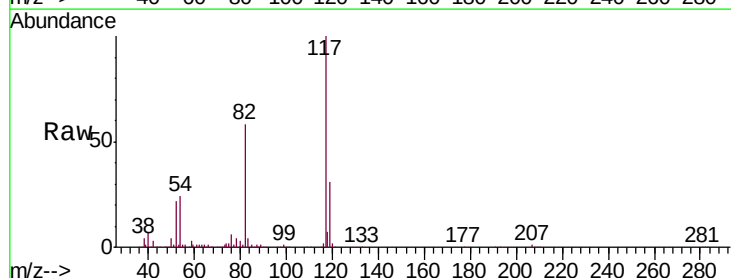
Tgt Ion: 117 Resp: 695958

Ion Ratio Lower Upper

117 100

82 57.9 47.4 71.0

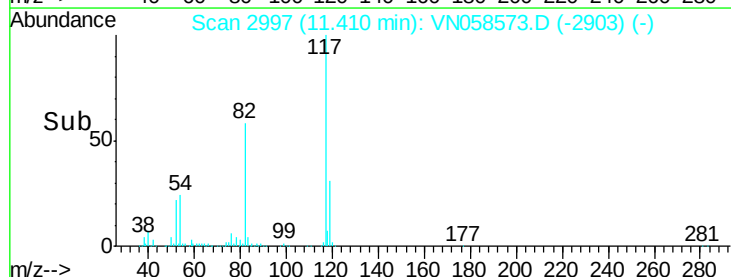
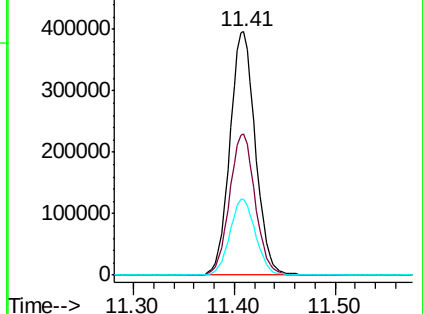
119 31.1 25.5 38.3

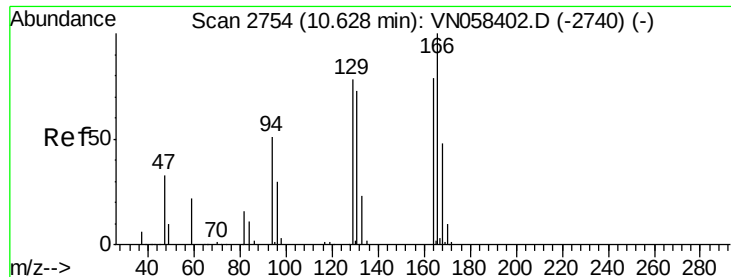


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

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

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





#64

Tetrachloroethene

Concen: 80.232 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN058573.D

Acq: 7 Oct 2019 17:53

Instrument :

MSVOA_N

ClientSampleId :

MW-28B_100219DL

Tgt Ion:164 Resp: 354757

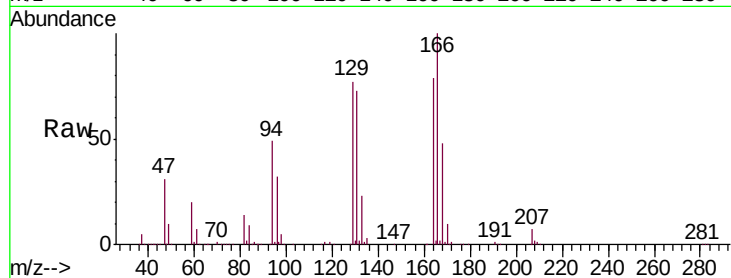
Ion Ratio Lower Upper

164 100

166 126.7 101.1 151.7

129 97.5 79.2 118.8

131 93.0 74.1 111.1



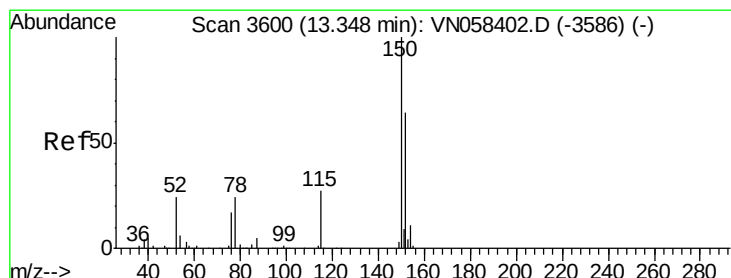
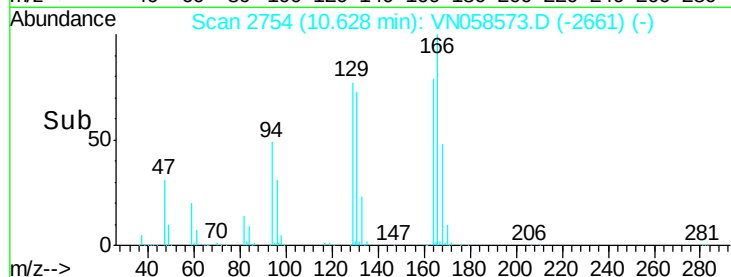
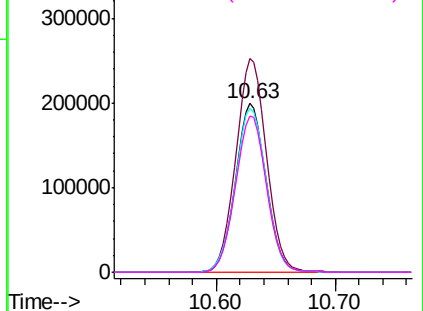
Abundance

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: VN058573.D

Acq: 7 Oct 2019 17:53

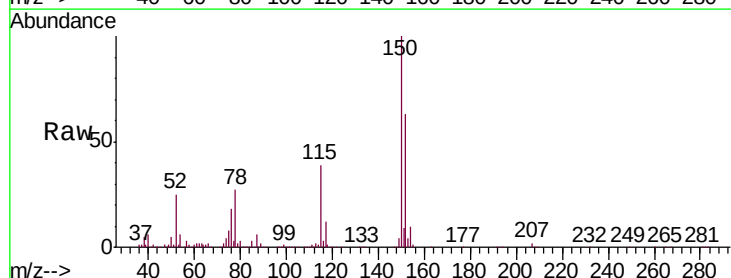
Tgt Ion:152 Resp: 285079

Ion Ratio Lower Upper

152 100

115 61.2 30.0 90.0

150 158.5 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

