

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058569.D
 Acq On : 7 Oct 2019 16:24
 Operator : JC/SP
 Sample : K5197-06DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24B_100219DL

Quant Time: Oct 08 15:09:20 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

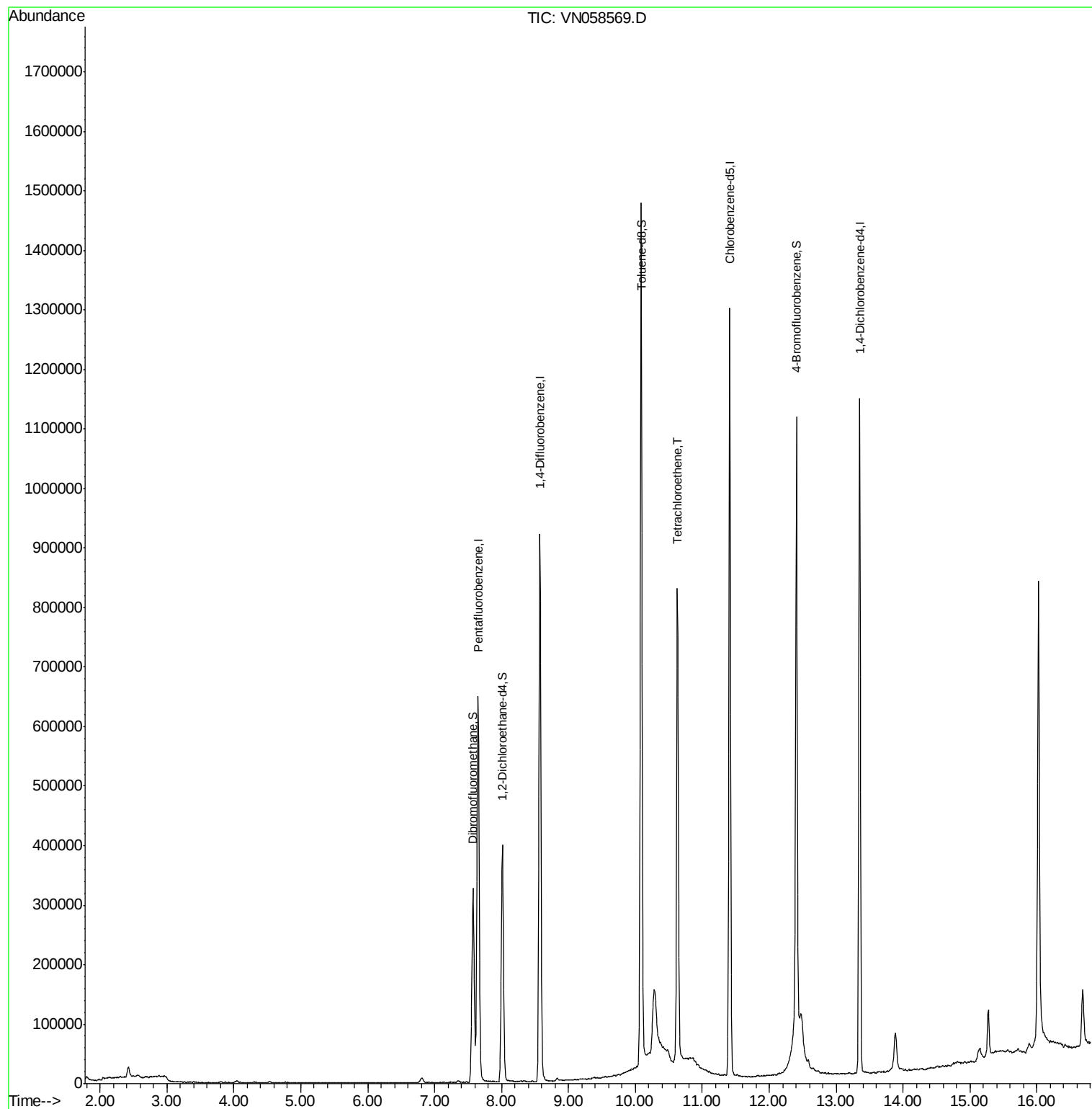
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	513765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	813126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	711088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	289247	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	347951	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
35) Dibromofluoromethane	7.57	113	250301	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
50) Toluene-d8	10.08	98	1003186	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.41	95	339297	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
Target Compounds						
64) Tetrachloroethene	10.63	164	180685	39.994	ug/l	Qvalue 99

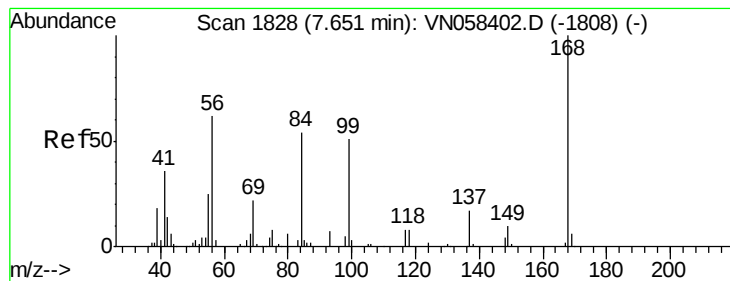
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 30 08:07:38 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: VN058569.D

Acq: 7 Oct 2019 16:24

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MSVOA_N

ClientSampleId :

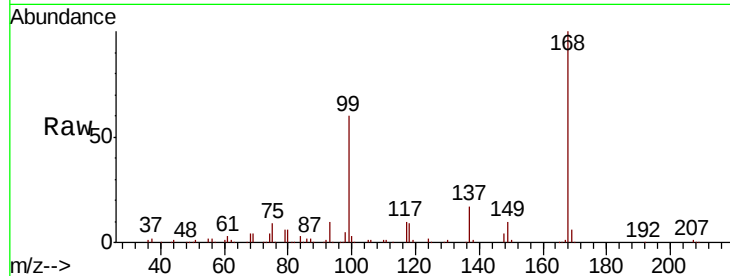
MW-24B_100219DL

Tot Ion:168 Resp: 513765

Ion Ratio Lower Upper

168 100

99 60.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VN058402.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058402.D (-1808) (-)

7.65

250000

200000

150000

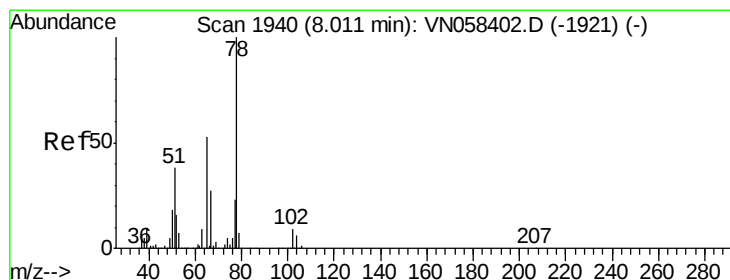
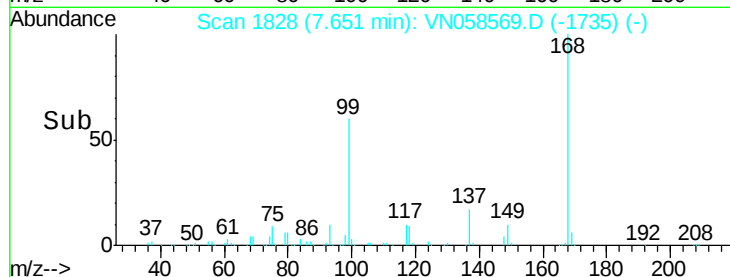
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.345 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058569.D

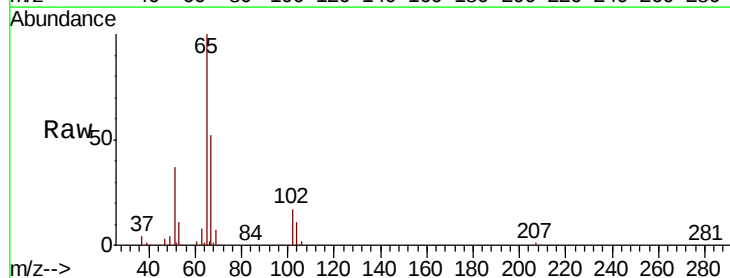
Acq: 7 Oct 2019 16:24

Tgt Ion: 65 Resp: 347951

Ion Ratio Lower Upper

65 100

67 52.2 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

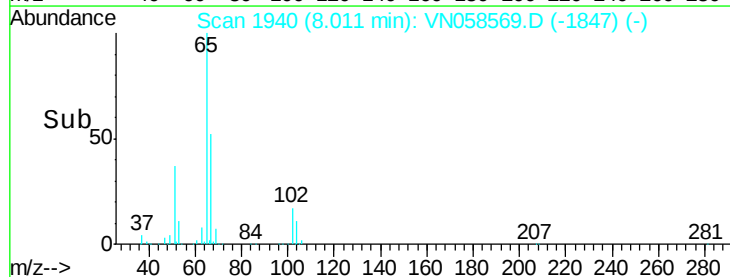
100000

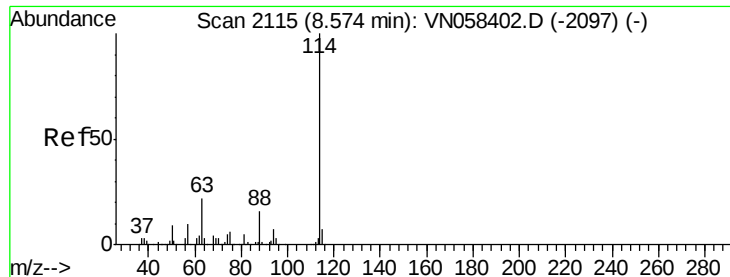
50000

0

7.90 7.95 8.00 8.05 8.10

Time-->

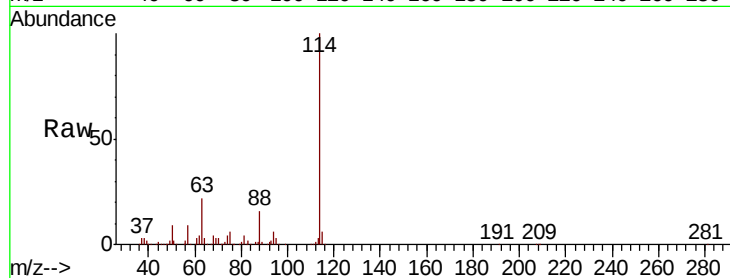




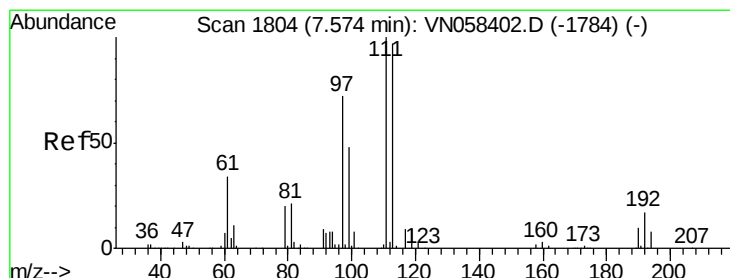
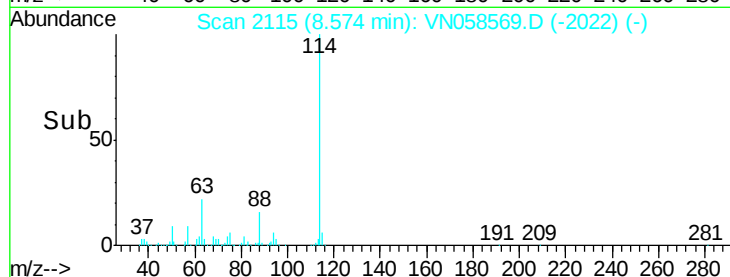
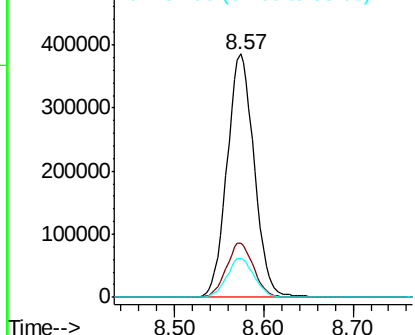
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058569.D
 Acq: 7 Oct 2019 16:24

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24B_100219DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.0
88	16.1	0.0	32.2

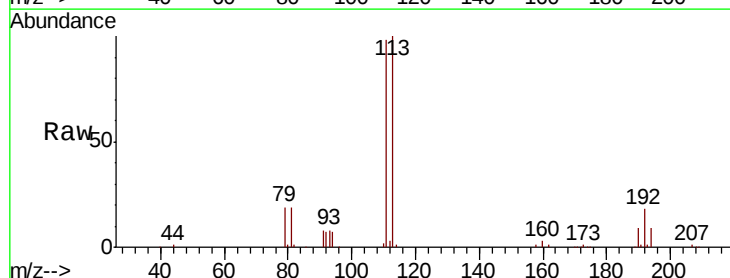


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

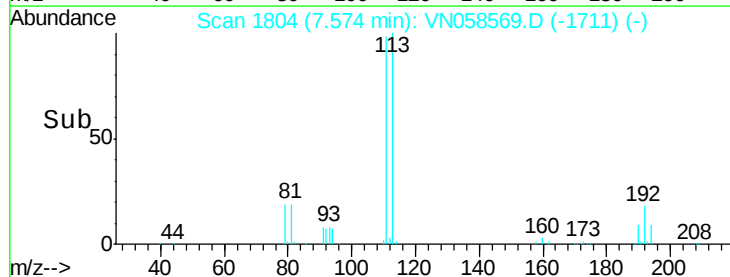
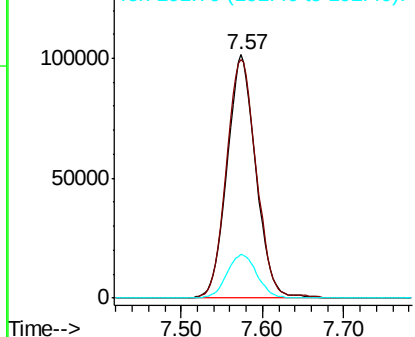


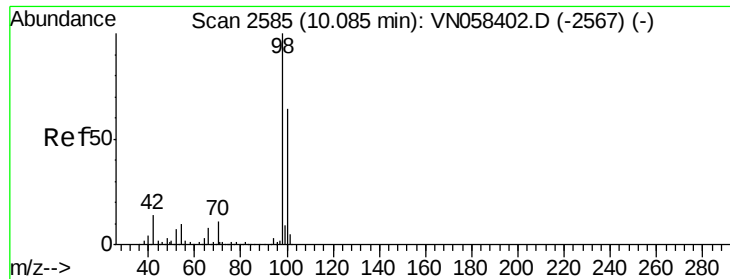
#35
 Dibromofluoromethane
 Concen: 50.225 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058569.D
 Acq: 7 Oct 2019 16:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.4	125.2
192	18.8	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: 51.386 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058569.D

Acq: 7 Oct 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

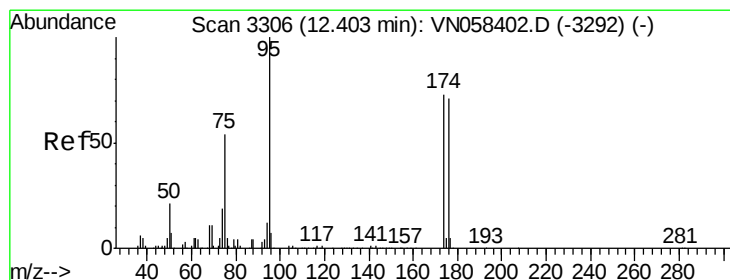
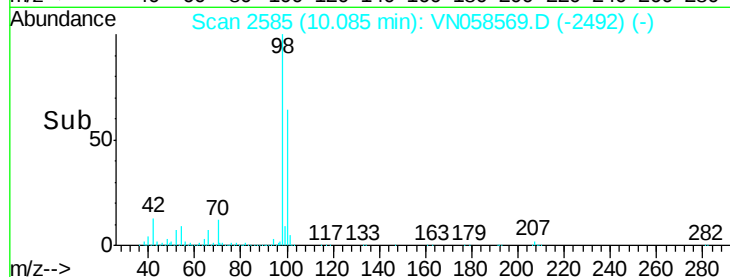
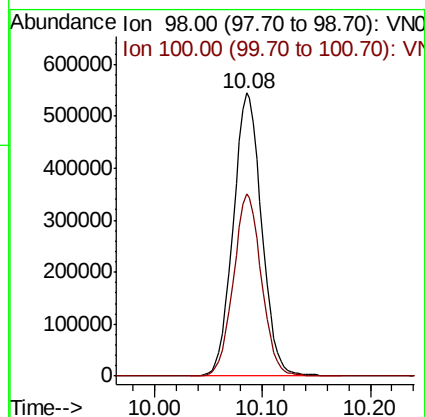
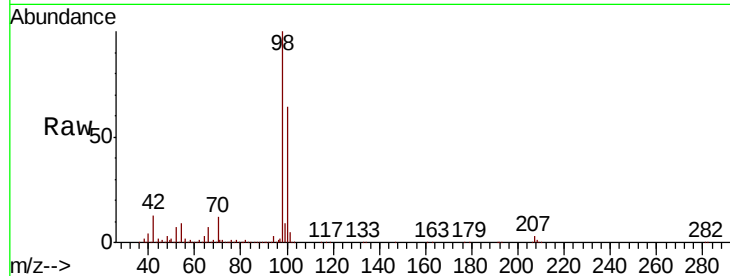
MW-24B_100219DL

Tot Ion: 98 Resp: 1003186

Ion Ratio Lower Upper

98 100

100 63.5 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 48.066 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058569.D

Acq: 7 Oct 2019 16:24

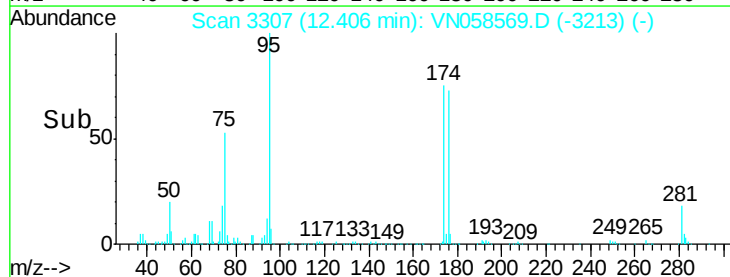
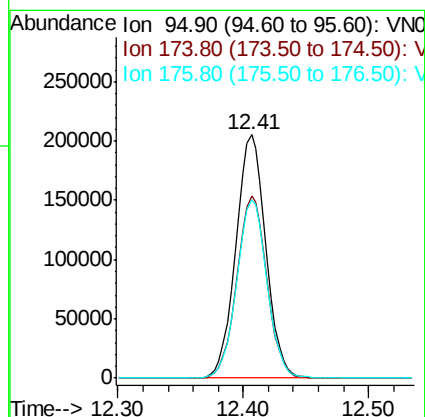
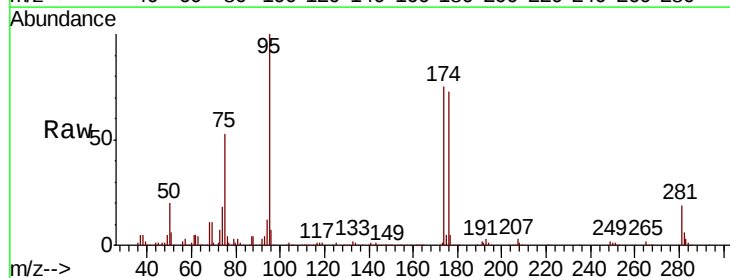
Tgt Ion: 95 Resp: 339297

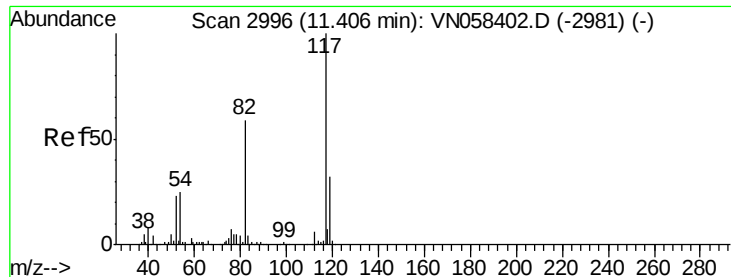
Ion Ratio Lower Upper

95 100

174 75.1 0.0 150.6

176 73.6 0.0 146.2

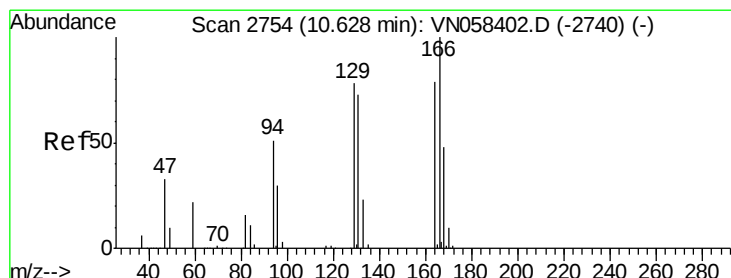
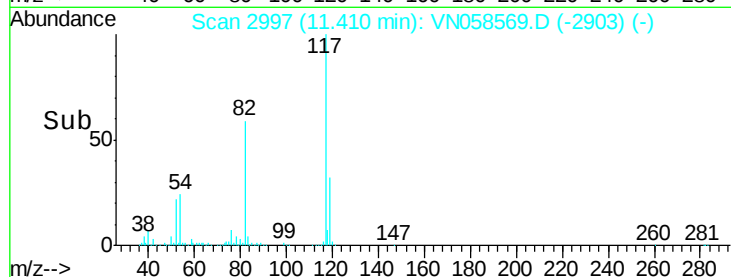
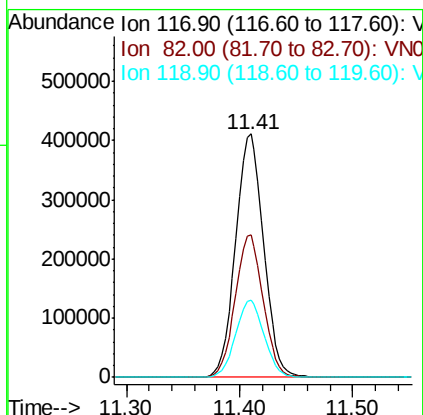
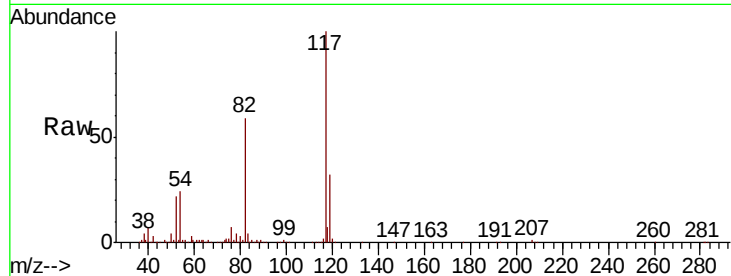




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058569.D
Acq: 7 Oct 2019 16:24

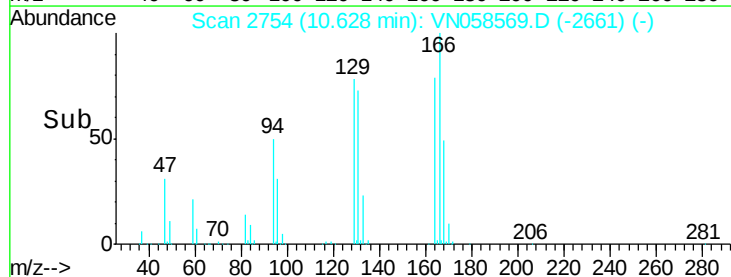
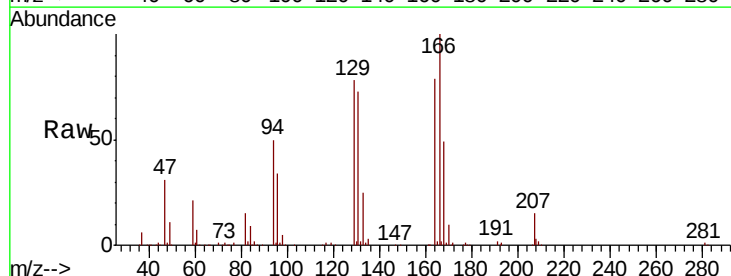
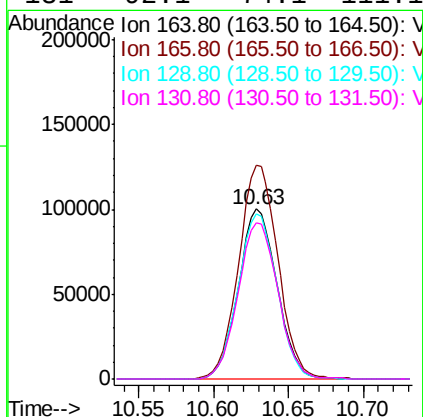
Instrument :
MSVOA_N
ClientSampleId :
MW-24B_100219DL

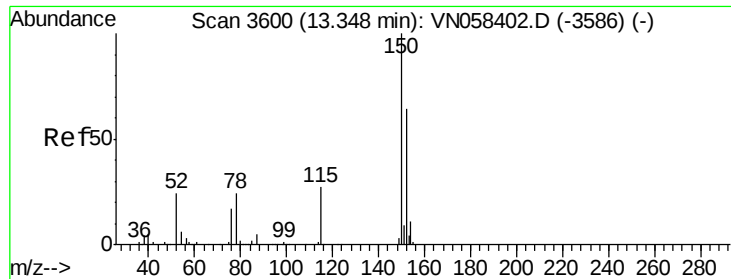
Tot Ion:117 Resp: 711088
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.0
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 39.994 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058569.D
Acq: 7 Oct 2019 16:24

Tgt Ion:164 Resp: 180685
Ion Ratio Lower Upper
164 100
166 125.8 101.1 151.7
129 97.6 79.2 118.8
131 92.1 74.1 111.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058569.D

Acq: 7 Oct 2019 16:24

Instrument :

MSVOA_N

ClientSampleId :

MW-24B_100219DL

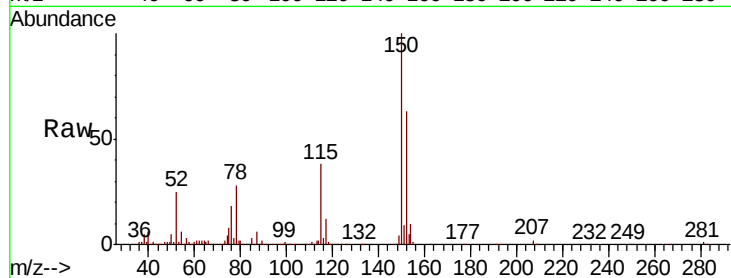
Tot Ion:152 Resp: 289247

Ion Ratio Lower Upper

152 100

115 61.3 30.0 90.0

150 158.7 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

