

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100419\
 Data File : VN058542.D
 Acq On : 4 Oct 2019 15:47
 Operator : JC/SP
 Sample : K5169-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20D_100119

Quant Time: Oct 16 01:37:00 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

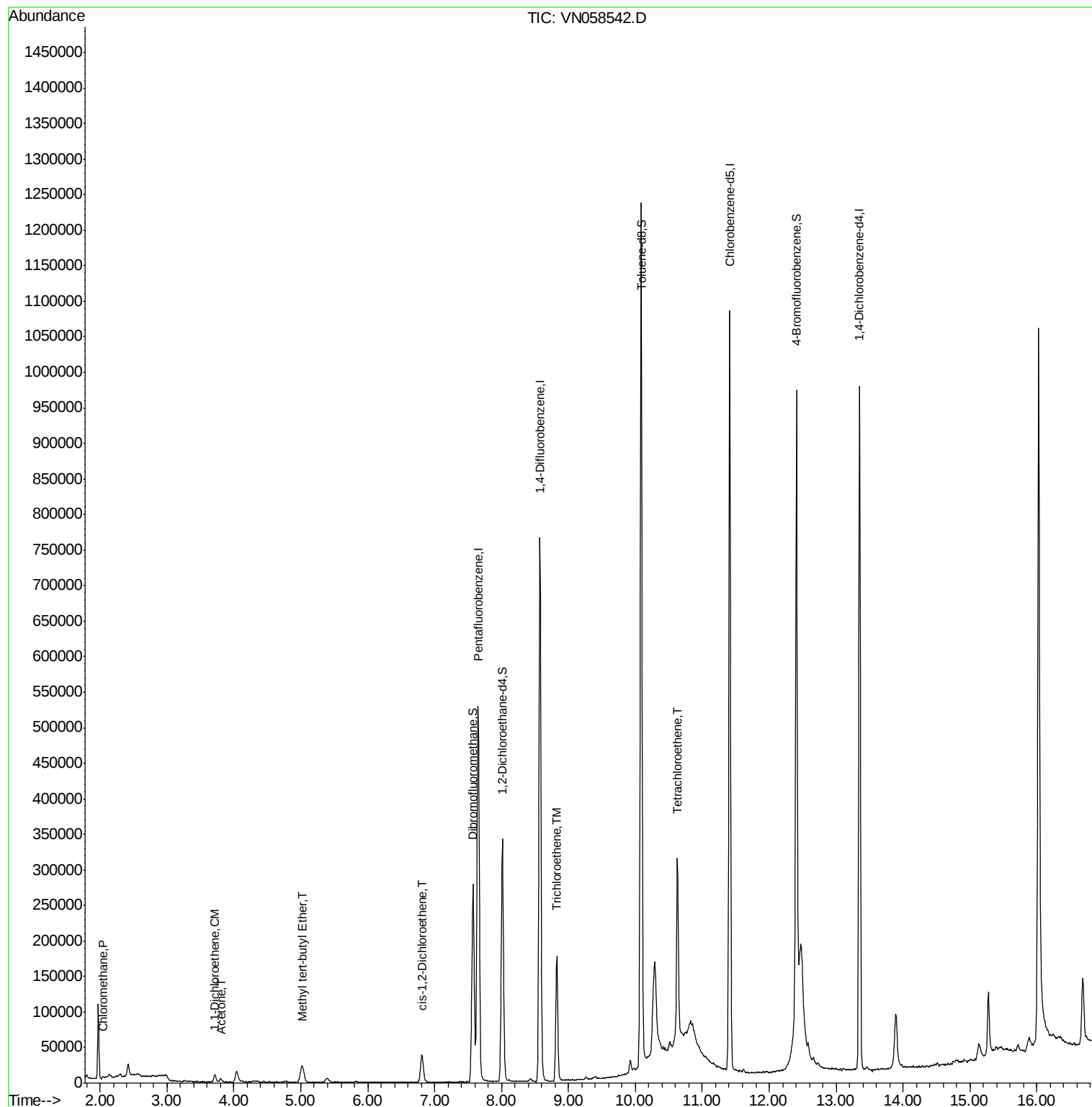
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	414536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	667883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	584783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	242752	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	296004	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
35) Dibromofluoromethane	7.57	113	209181	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
50) Toluene-d8	10.08	98	837691	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.41	95	285594	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
Target Compounds						
3) Chloromethane	2.04	50	2263	0.453	ug/l #	85
12) 1,1-Dichloroethene	3.72	96	5253	1.343	ug/l	95
16) Acetone	3.80	43	8719	4.222	ug/l #	87
19) Methyl tert-butyl Ether	5.02	73	38665	2.802	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	24616	4.843	ug/l	87
44) Trichloroethene	8.82	130	60927	13.442	ug/l	94
64) Tetrachloroethene	10.63	164	53241	14.330	ug/l	93

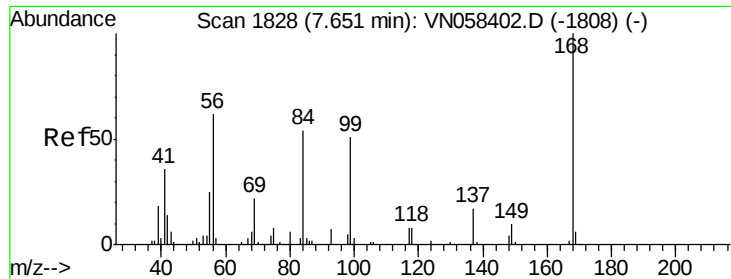
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058542.D

Acq: 4 Oct 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

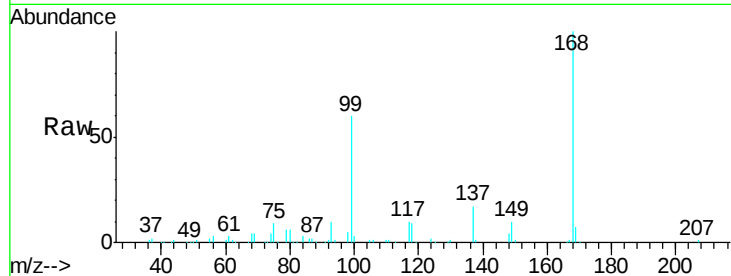
MW-20D_100119

Tgt Ion:168 Resp: 414536

Ion Ratio Lower Upper

168 100

99 59.7 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

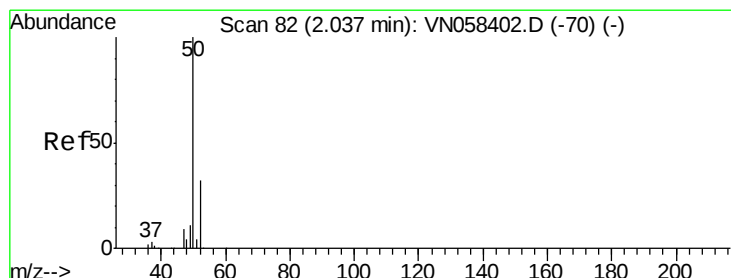
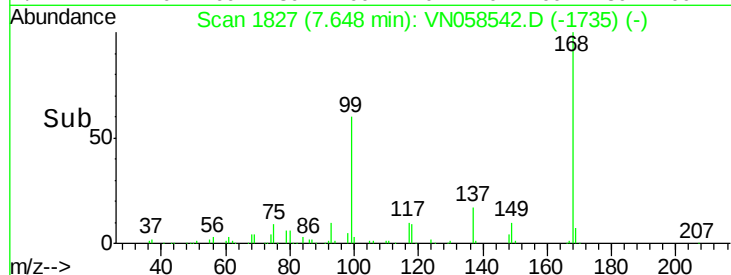
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.453 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058542.D

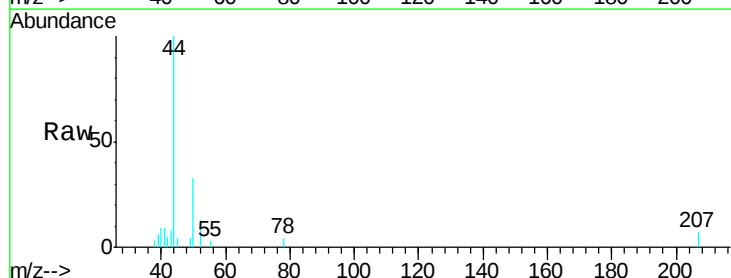
Acq: 4 Oct 2019 15:47

Tgt Ion: 50 Resp: 2263

Ion Ratio Lower Upper

50 100

52 40.5 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VN058402.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN058402.D (-70) (-)

2.04

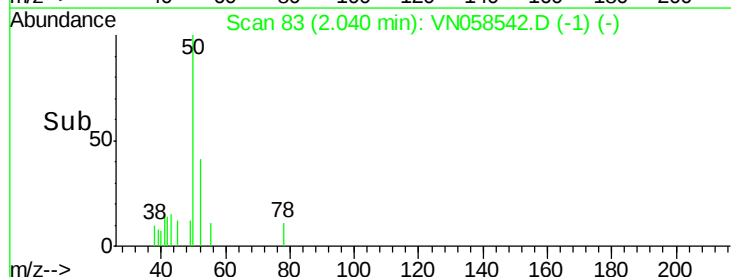
1500

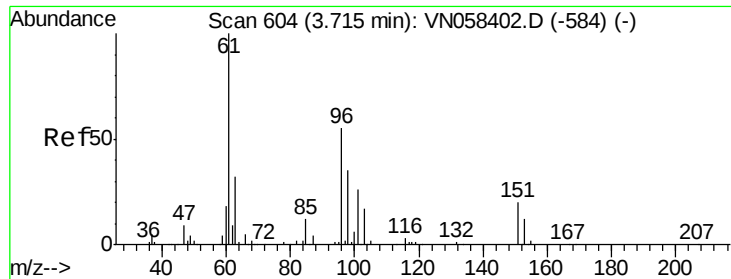
1000

500

0

Time-->





#12

1,1-Dichloroethene

Concen: 1.343 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN058542.D

Acq: 4 Oct 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

MW-20D_100119

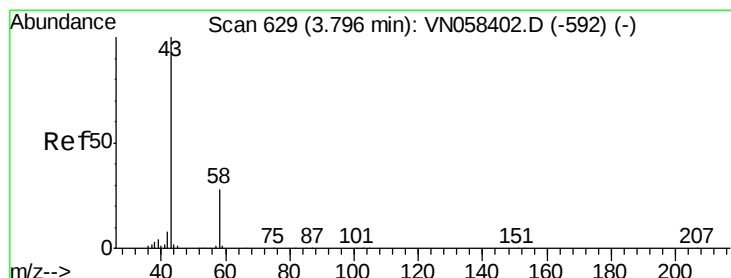
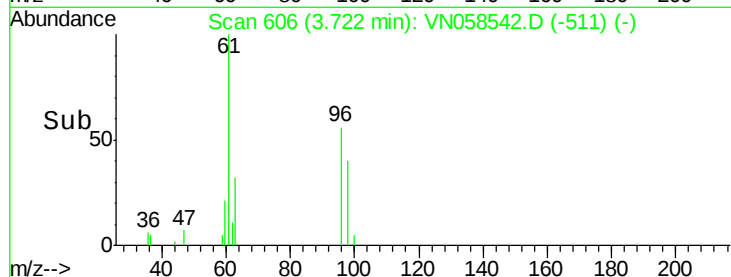
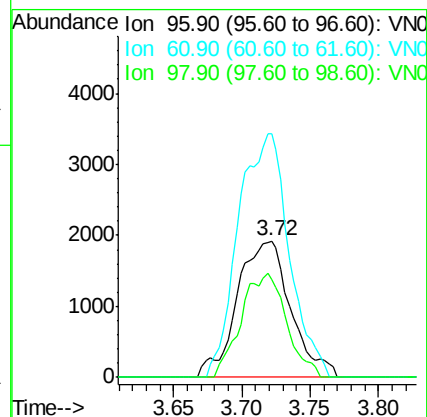
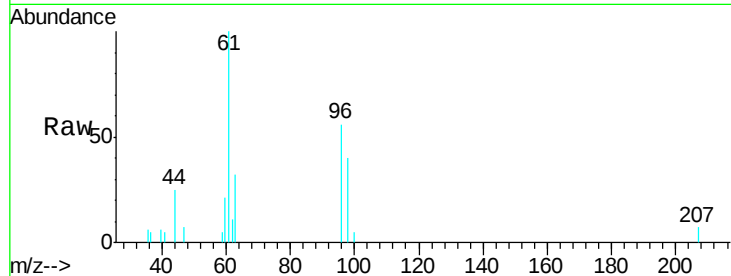
Tgt Ion: 96 Resp: 5253

Ion Ratio Lower Upper

96 100

61 178.6 146.7 220.1

98 71.9 51.3 76.9



#16

Acetone

Concen: 4.222 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058542.D

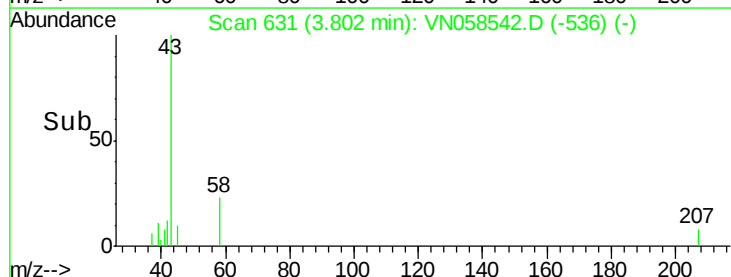
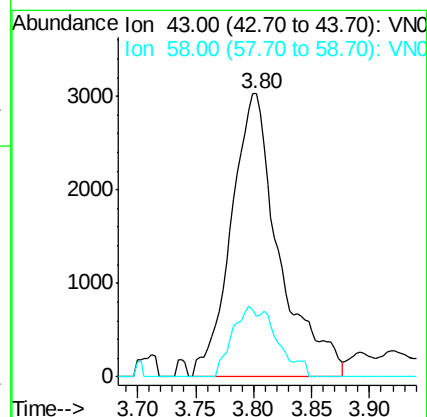
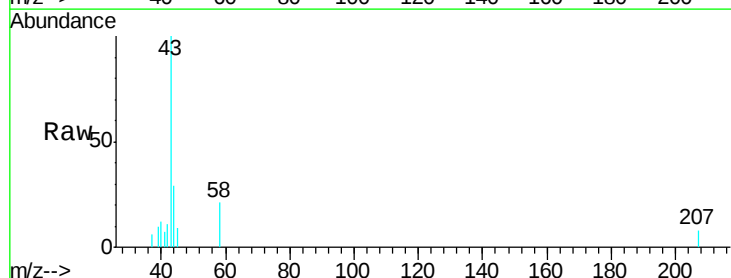
Acq: 4 Oct 2019 15:47

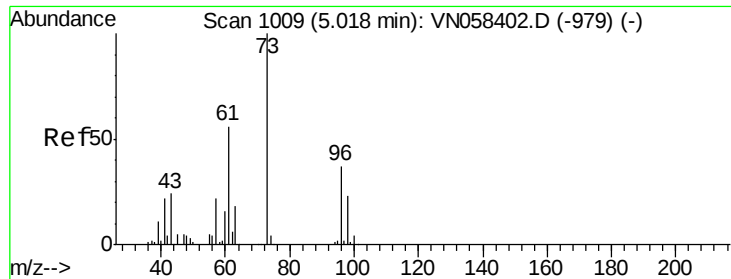
Tgt Ion: 43 Resp: 8719

Ion Ratio Lower Upper

43 100

58 21.4 22.4 33.6#

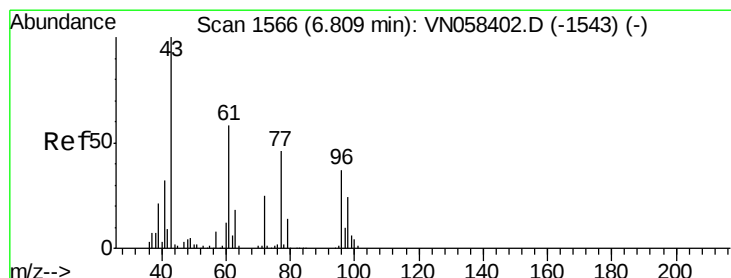
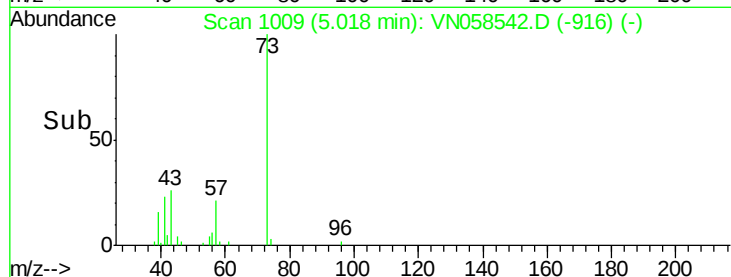
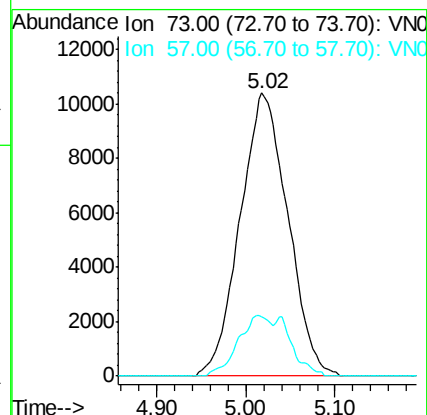
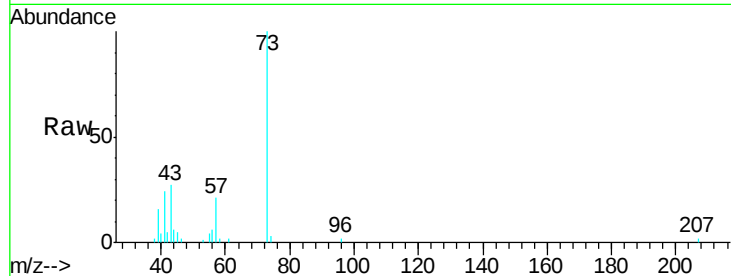




#19
Methyl tert-butyl Ether
Concen: 2.802 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN058542.D
Acq: 4 Oct 2019 15:47

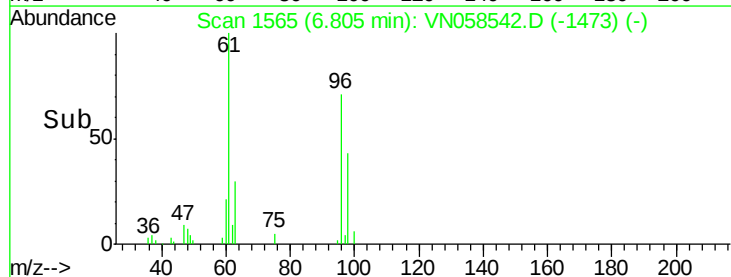
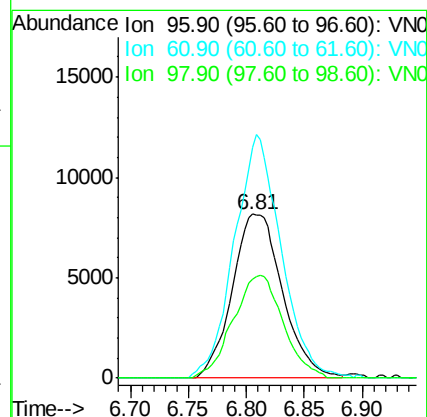
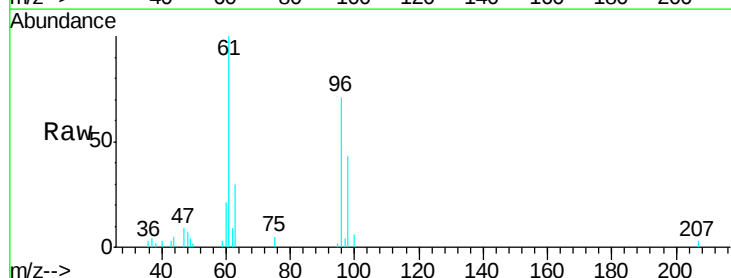
Instrument :
MSVOA_N
ClientSampleId :
MW-20D_100119

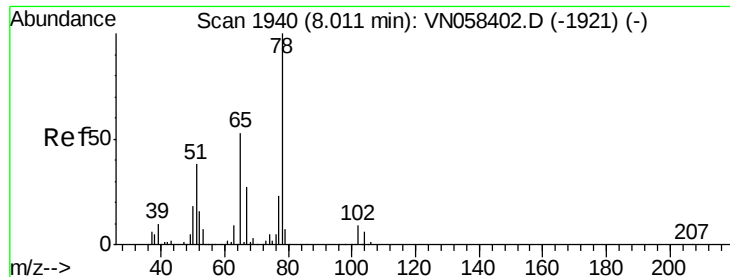
Tgt Ion: 73 Resp: 38665
Ion Ratio Lower Upper
73 100
57 20.8 17.6 26.4



#27
cis-1,2-Dichloroethene
Concen: 4.843 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN058542.D
Acq: 4 Oct 2019 15:47

Tgt Ion: 96 Resp: 24616
Ion Ratio Lower Upper
96 100
61 137.9 0.0 318.8
98 62.3 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 48.863 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058542.D

Acq: 4 Oct 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

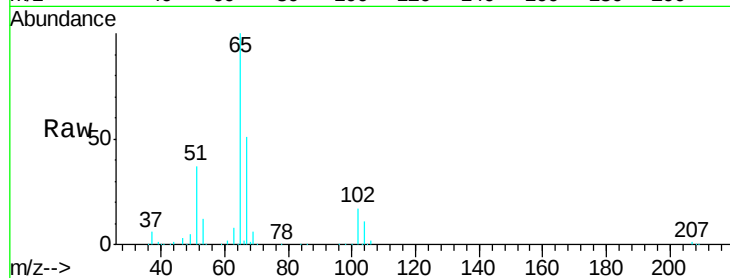
MW-20D_100119

Tgt Ion: 65 Resp: 296004

Ion Ratio Lower Upper

65 100

67 51.5 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

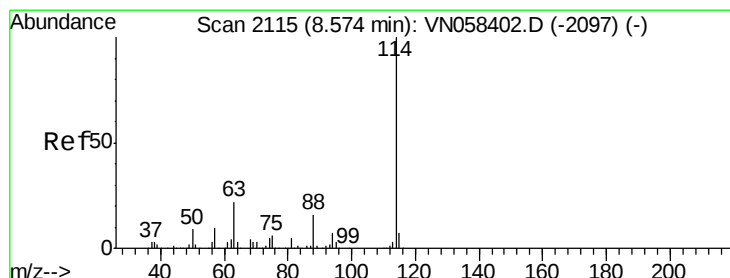
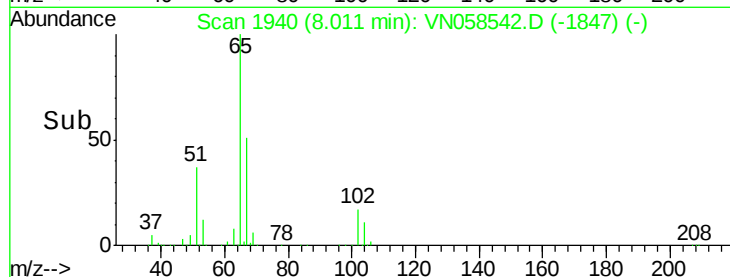
100000

50000

0

7.90 8.00 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: VN058542.D

Acq: 4 Oct 2019 15:47

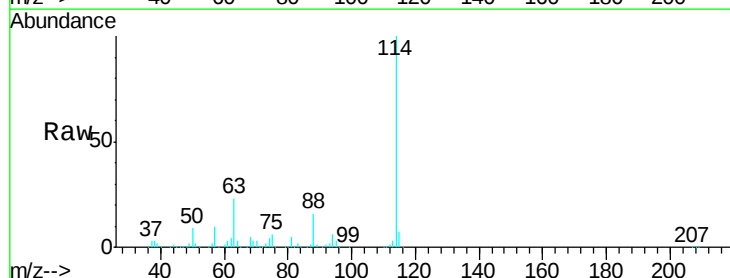
Tgt Ion: 114 Resp: 667883

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 15.7 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

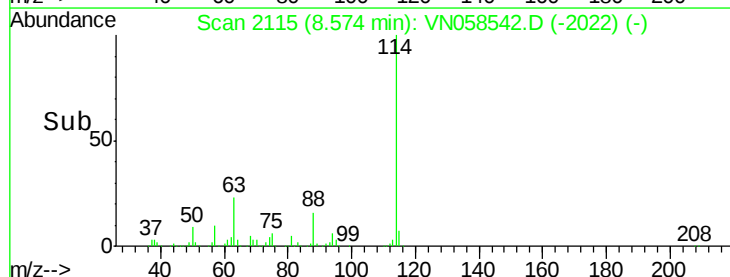
200000

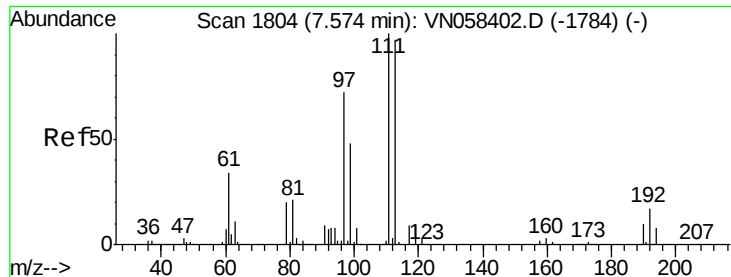
100000

0

8.50 8.60 8.70

Time-->

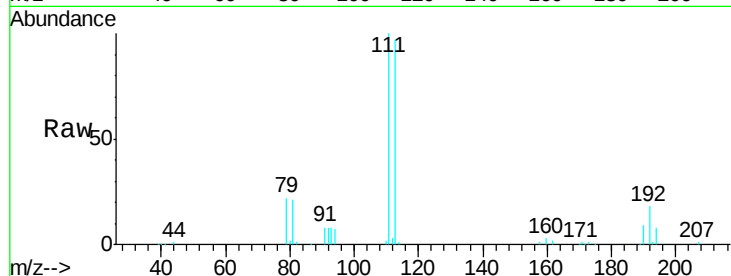




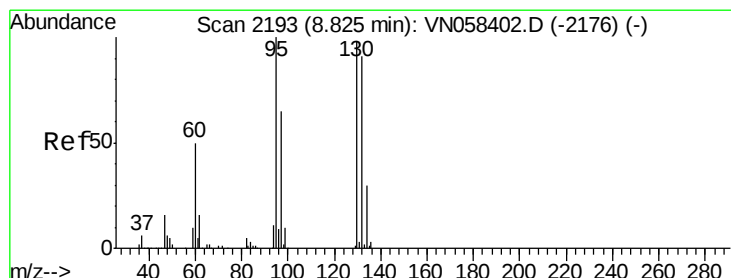
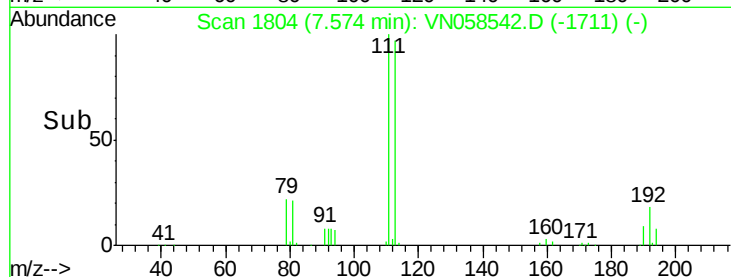
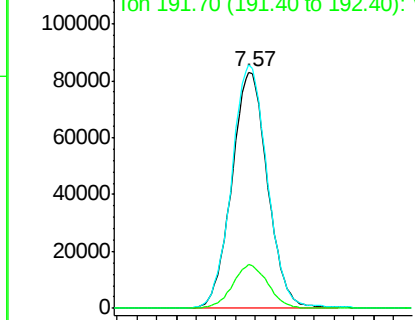
#35
Dibromofluoromethane
Concen: 51.102 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN058542.D
Acq: 4 Oct 2019 15:47

Instrument :
MSVOA_N
ClientSampleId :
MW-20D_100119

Tgt Ion:113 Resp: 209181
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.2
192 18.3 14.9 22.3

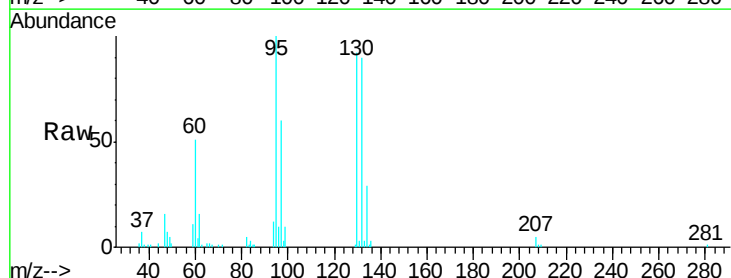


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

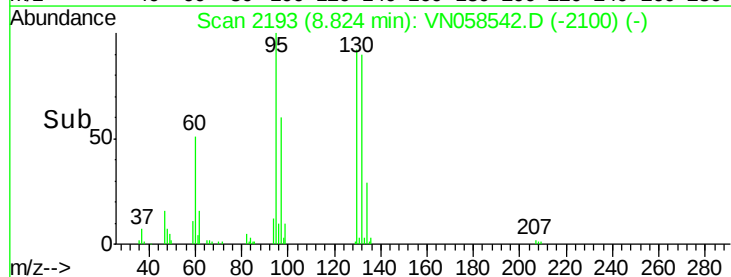
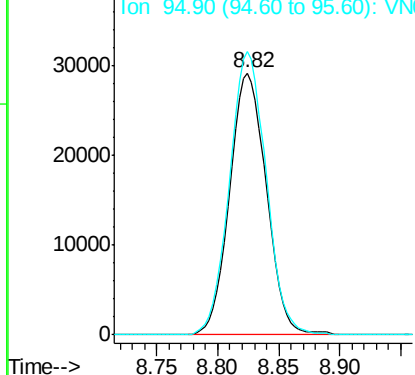


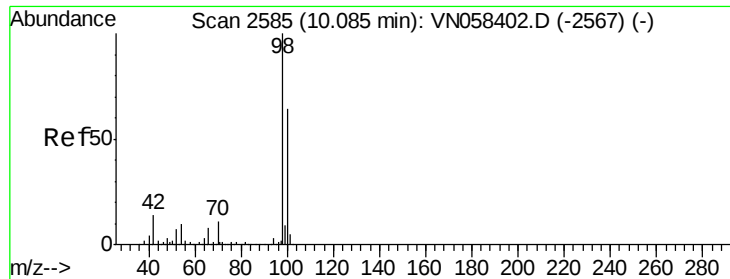
#44
Trichloroethene
Concen: 13.442 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VN058542.D
Acq: 4 Oct 2019 15:47

Tgt Ion:130 Resp: 60927
Ion Ratio Lower Upper
130 100
95 108.2 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 52.240 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058542.D

Acq: 4 Oct 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

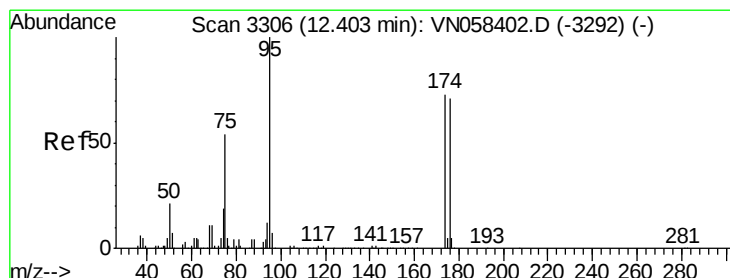
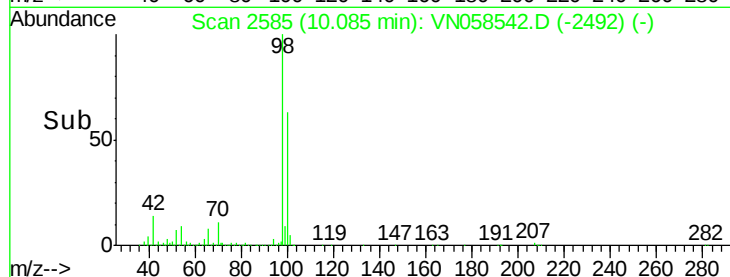
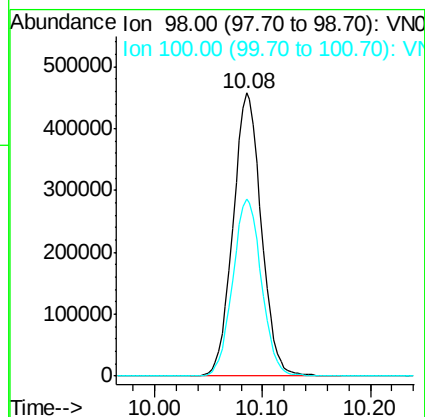
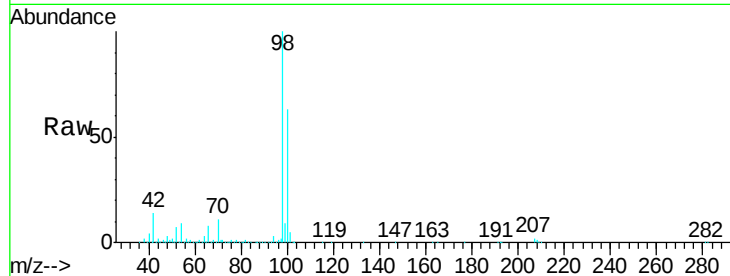
MW-20D_100119

Tgt Ion: 98 Resp: 837691

Ion Ratio Lower Upper

98 100

100 63.7 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 49.256 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058542.D

Acq: 4 Oct 2019 15:47

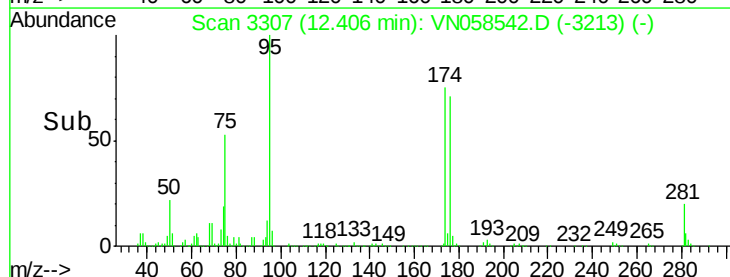
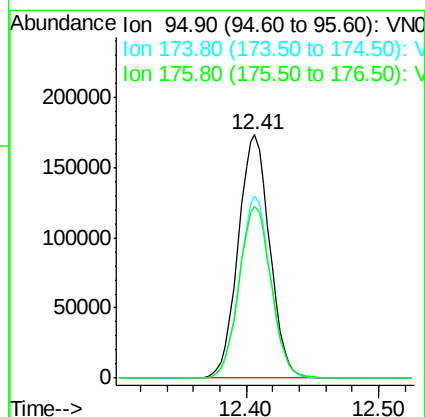
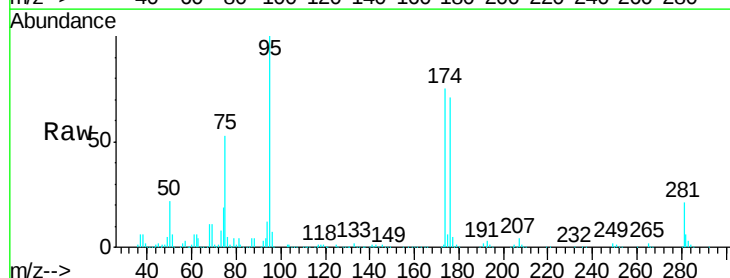
Tgt Ion: 95 Resp: 285594

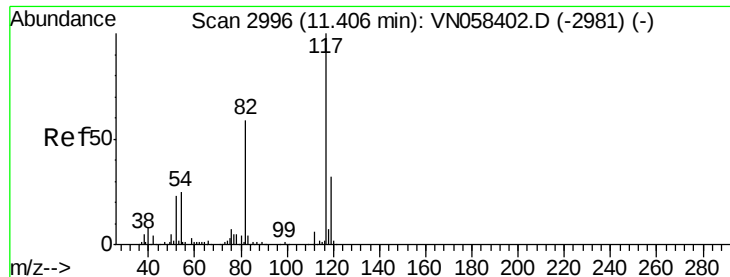
Ion Ratio Lower Upper

95 100

174 73.8 0.0 150.6

176 71.7 0.0 146.2

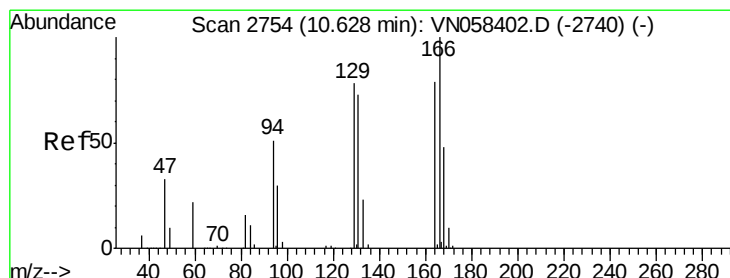
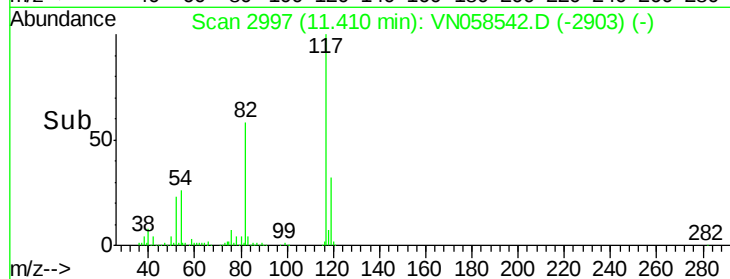
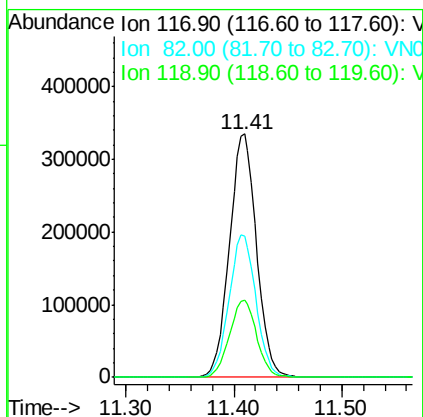
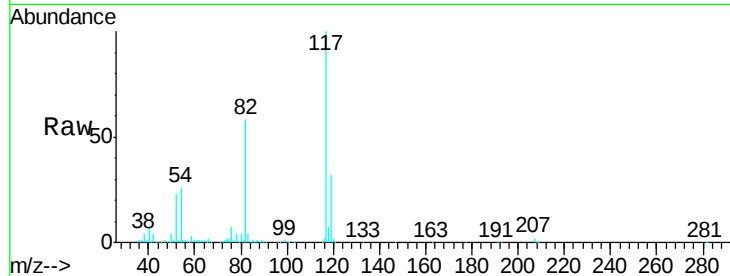




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058542.D
Acq: 4 Oct 2019 15:47

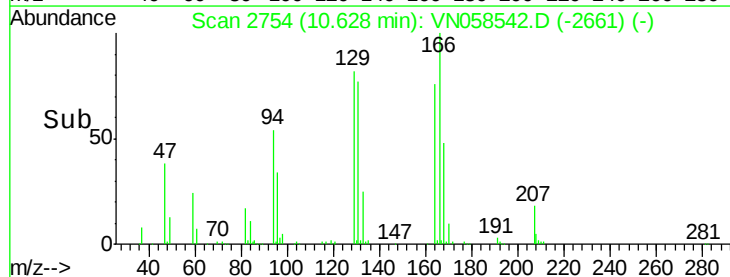
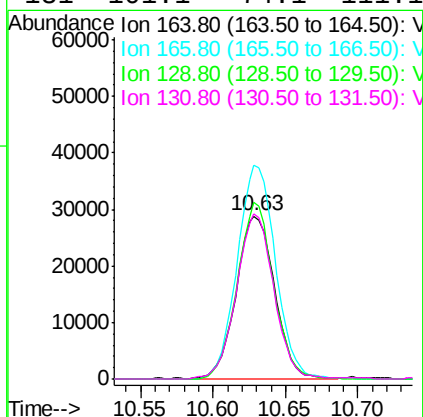
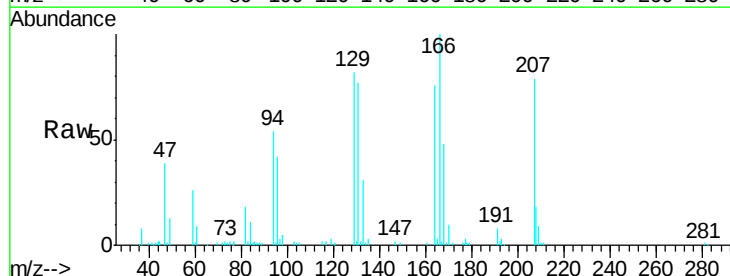
Instrument :
MSVOA_N
ClientSampleId :
MW-20D_100119

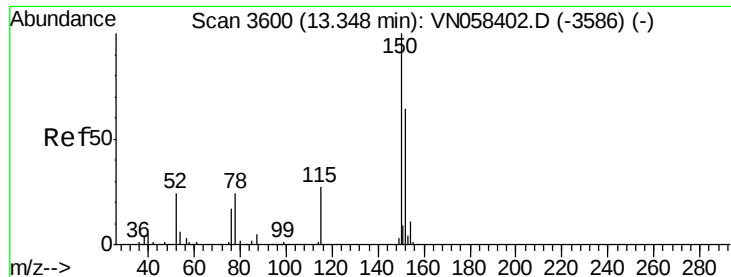
Tgt Ion:117 Resp: 584783
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.0
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 14.330 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058542.D
Acq: 4 Oct 2019 15:47

Tgt Ion:164 Resp: 53241
Ion Ratio Lower Upper
164 100
166 131.0 101.1 151.7
129 108.0 79.2 118.8
131 101.1 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: VN058542.D

Acq: 4 Oct 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

MW-20D_100119

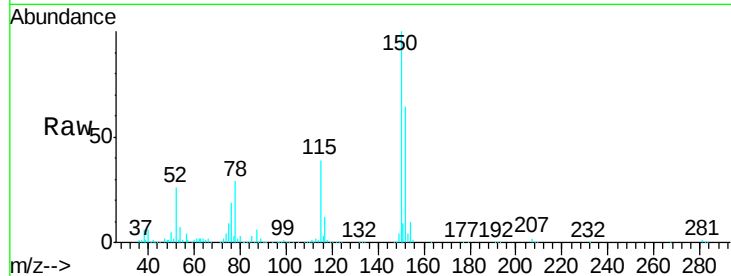
Tgt Ion:152 Resp: 242752

Ion Ratio Lower Upper

152 100

115 61.5 30.0 90.0

150 156.6 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

