

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100719\
 Data File : VN058591.D
 Acq On : 8 Oct 2019 00:31
 Operator : JC/SP
 Sample : K5197-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24B_100219

Quant Time: Oct 08 15:59:09 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

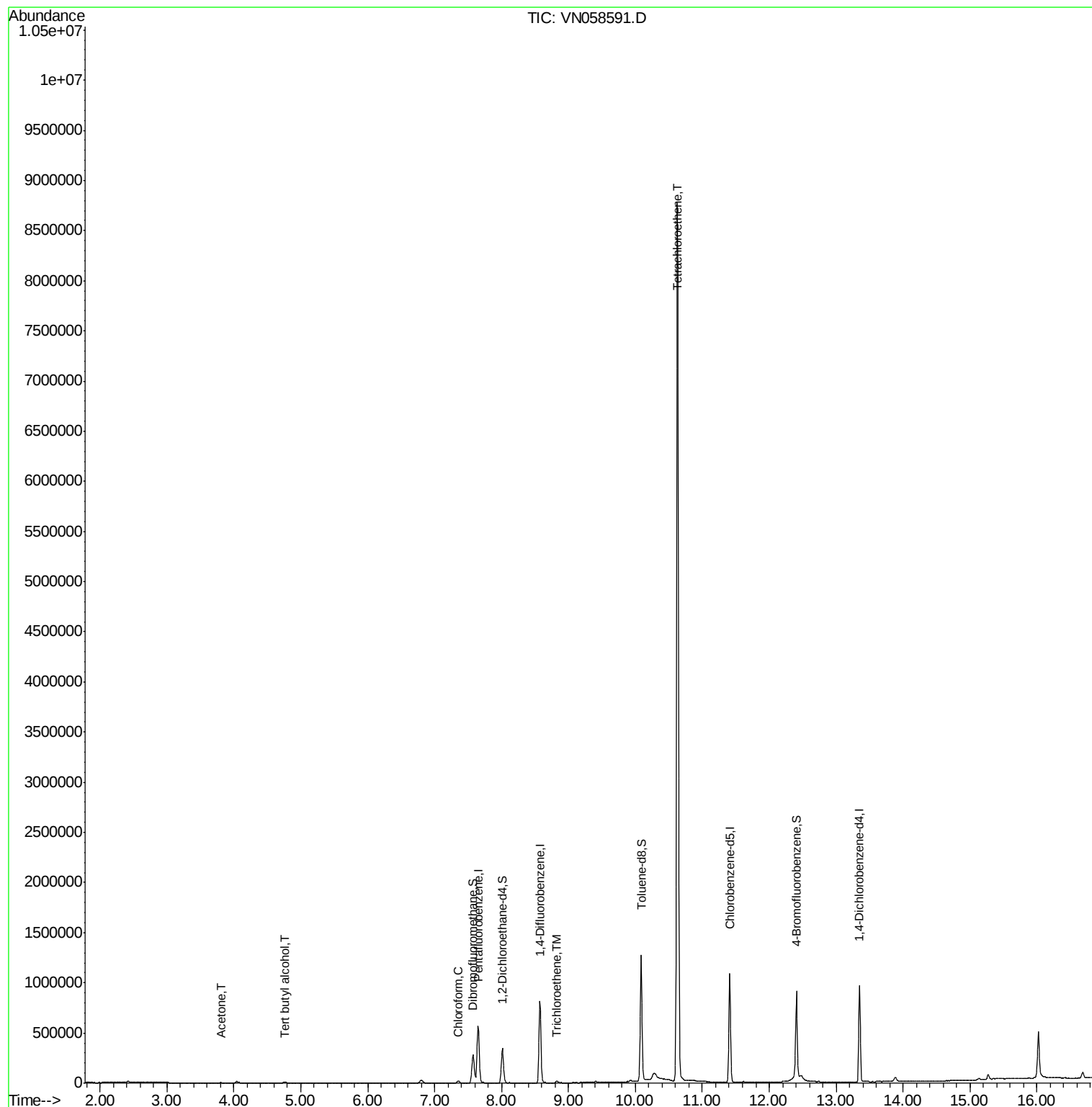
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	457436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	718697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	619736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	251388	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	303323	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
35) Dibromofluoromethane	7.57	113	217499	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	10.09	98	873758	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.41	95	291198	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
Target Compounds						
11) Tert butyl alcohol	4.75	59	14870	20.024	ug/l	97
16) Acetone	3.81	43	7944	3.486	ug/l	98
30) Chloroform	7.36	83	18058	1.874	ug/l	91
44) Trichloroethene	8.82	130	6189	1.269	ug/l	99
64) Tetrachloroethene	10.63	164	2027057	514.823	ug/l	99

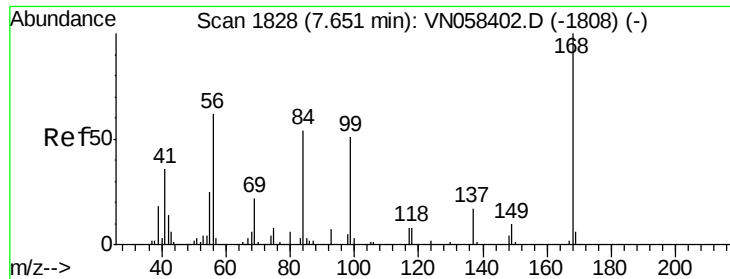
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VN058591.D

Acq: 8 Oct 2019 00:31

Instrument :

MSVOA_N

ClientSampleId :

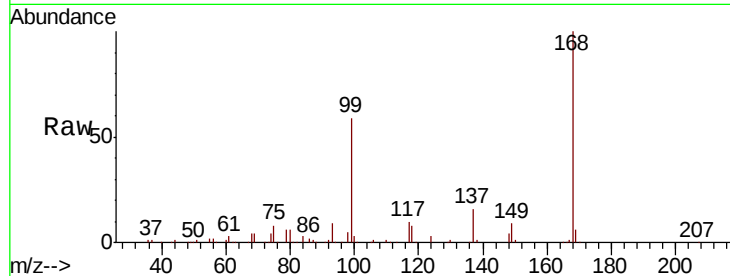
MW-24B_100219

Tot Ion:168 Resp: 457436

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): VN0

7.65

200000

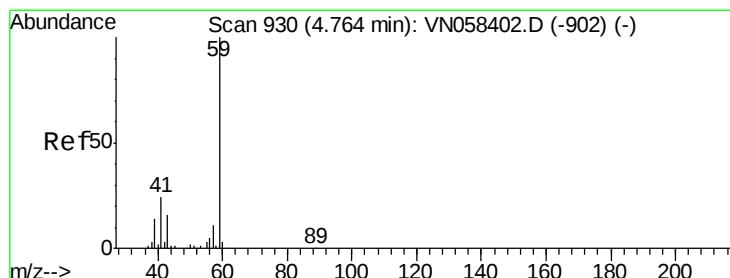
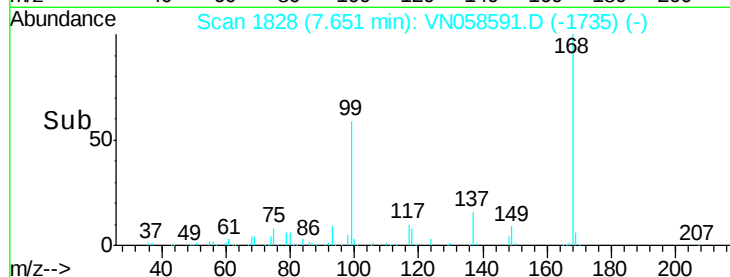
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 20.024 ug/l

RT: 4.75 min Scan# 927

Delta R.T. -0.01 min

Lab File: VN058591.D

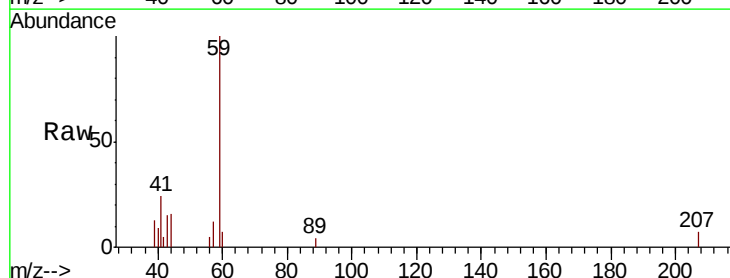
Acq: 8 Oct 2019 00:31

Tgt Ion: 59 Resp: 14870

Ion Ratio Lower Upper

59 100

57 10.0 9.0 13.4



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.75

4000

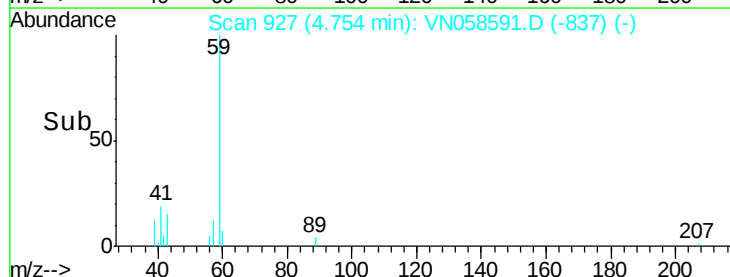
3000

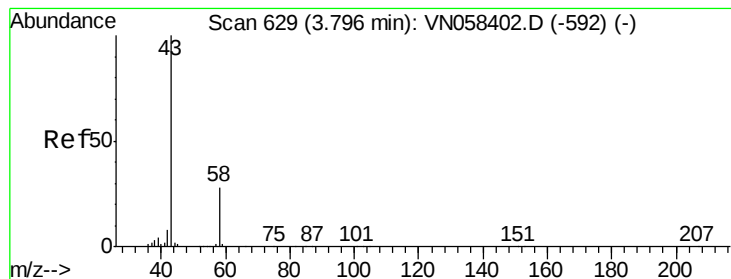
2000

1000

0

Time-->





#16

Acetone

Concen: 3.486 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058591.D

Acq: 8 Oct 2019 00:31

Instrument :

MSVOA_N

ClientSampleId :

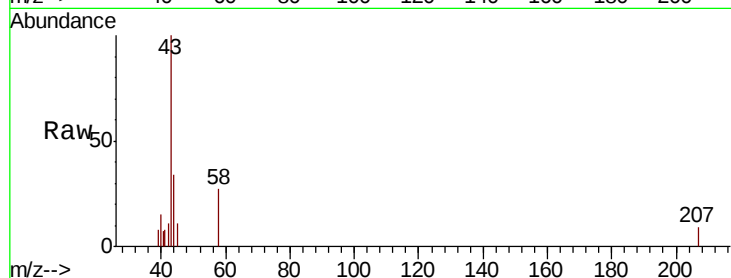
MW-24B_100219

Tot Ion: 43 Resp: 7944

Ion Ratio Lower Upper

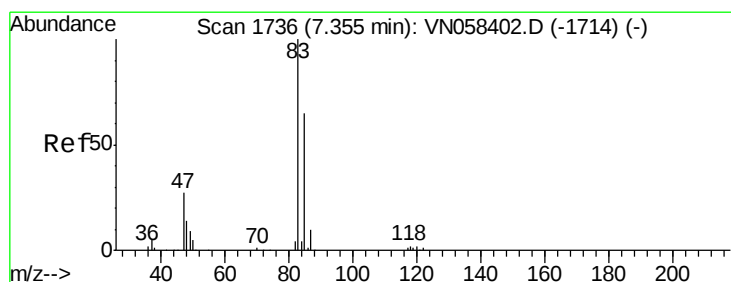
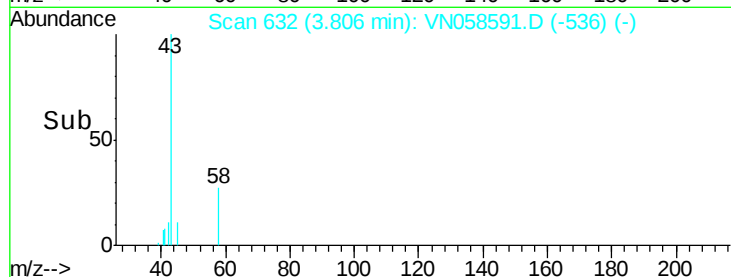
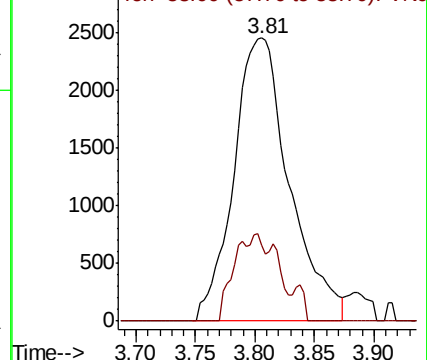
43 100

58 26.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#30

Chloroform

Concen: 1.874 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN058591.D

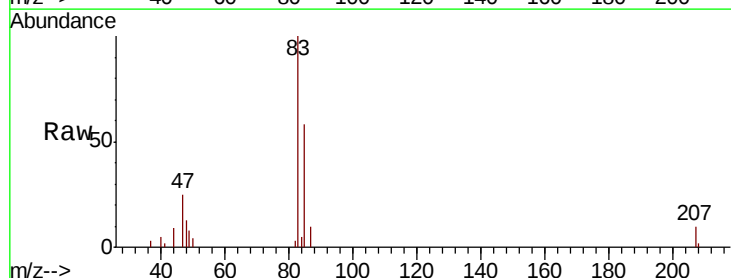
Acq: 8 Oct 2019 00:31

Tgt Ion: 83 Resp: 18058

Ion Ratio Lower Upper

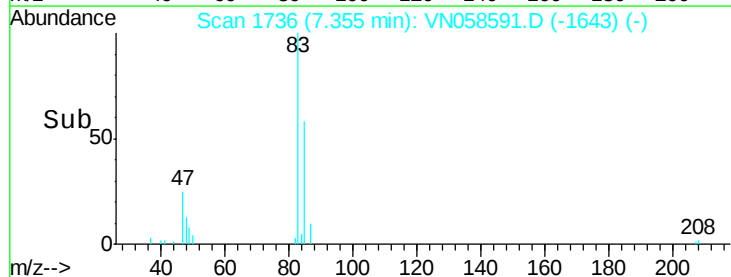
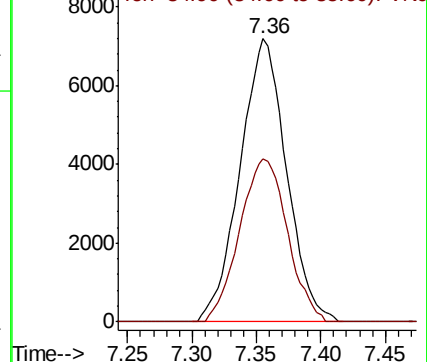
83 100

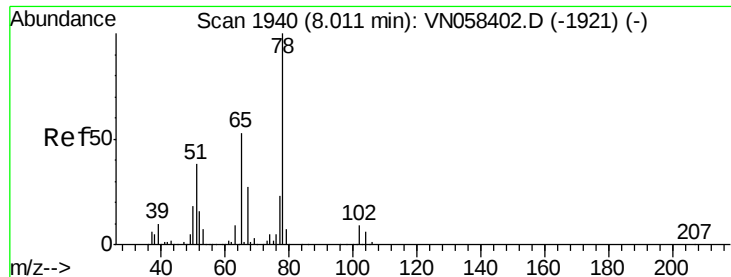
85 57.7 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

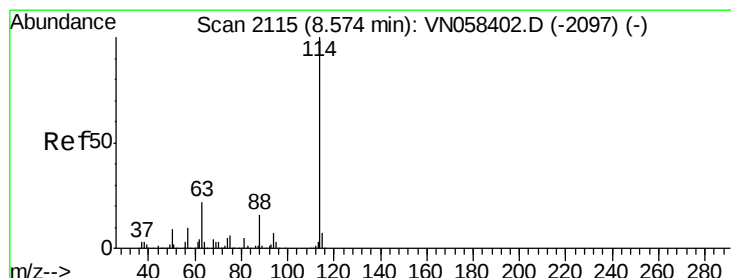
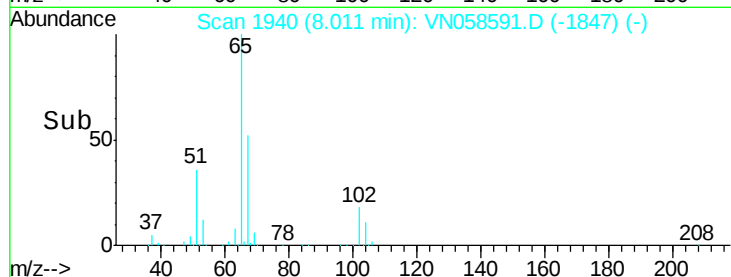
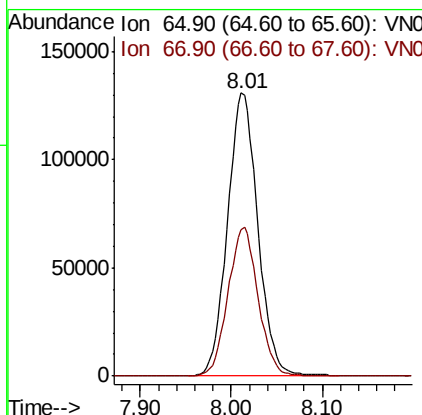
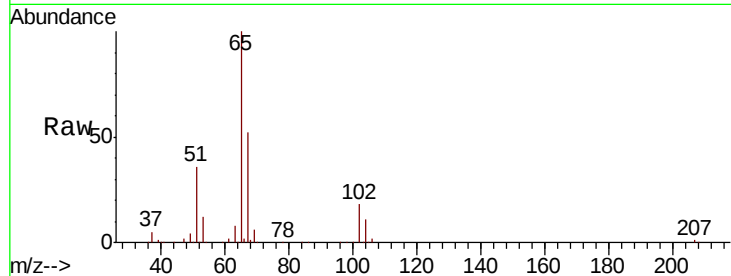




#33
 1,2-Dichloroethane-d4
 Concen: 45.376 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058591.D
 Acq: 8 Oct 2019 00:31

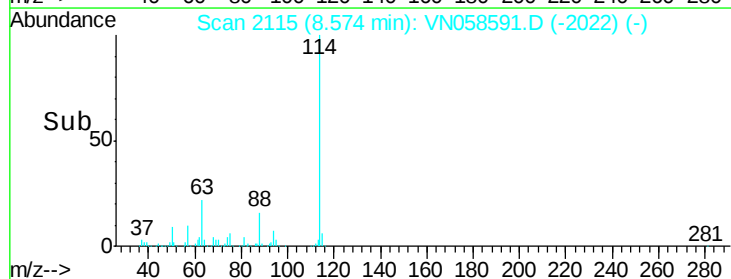
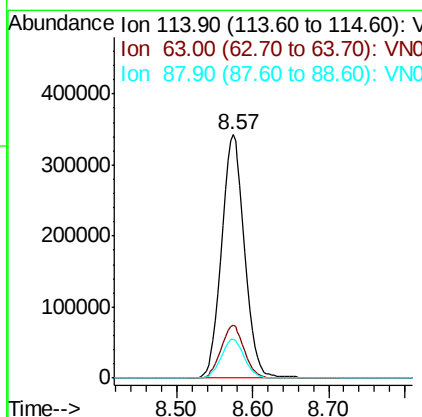
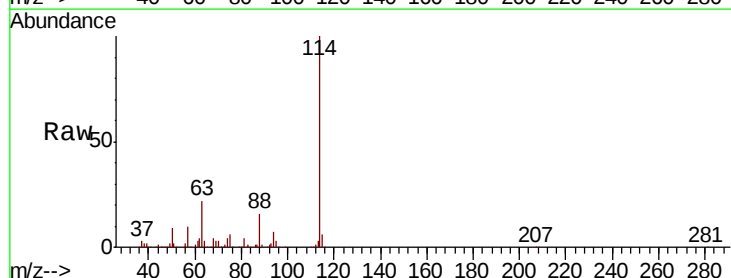
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24B_100219

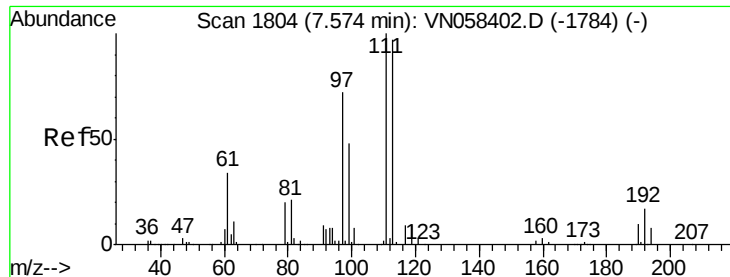
Tot Ion: 65 Resp: 303323
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058591.D
 Acq: 8 Oct 2019 00:31

Tgt Ion: 114 Resp: 718697
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.0
 88 16.2 0.0 32.2

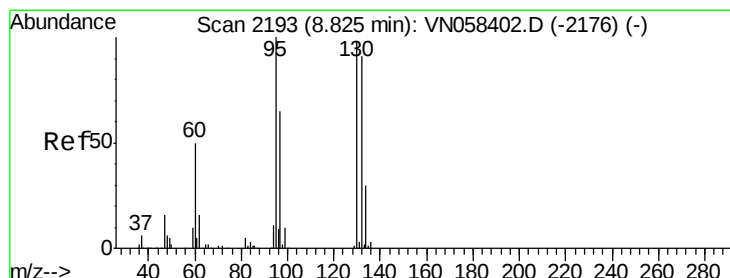
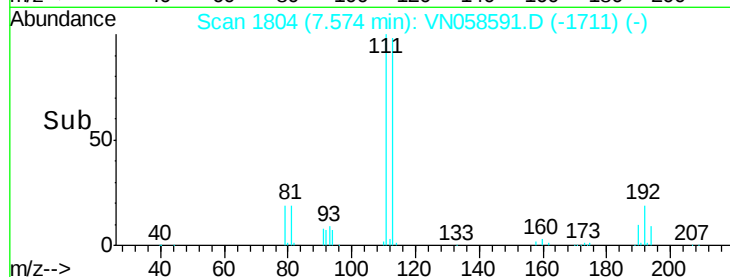
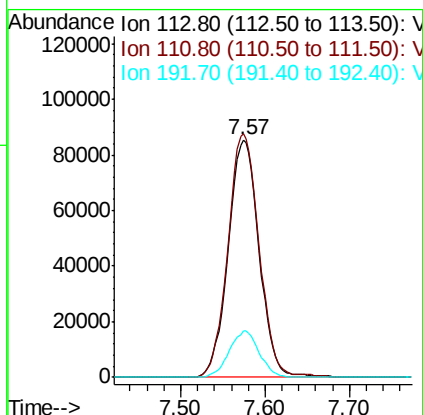
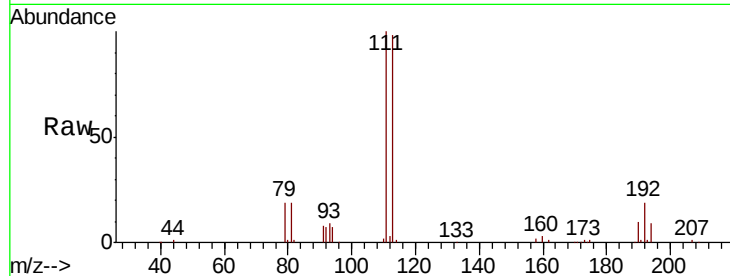




#35
Dibromofluoromethane
Concen: 49.378 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058591.D
Acq: 8 Oct 2019 00:31

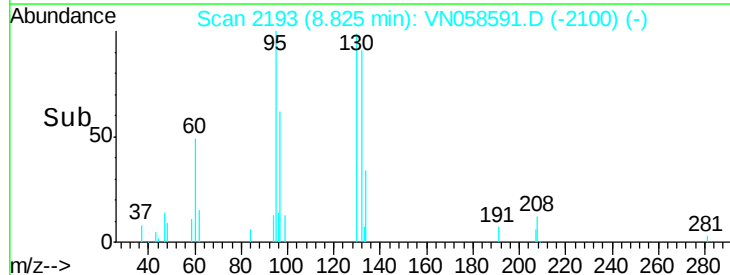
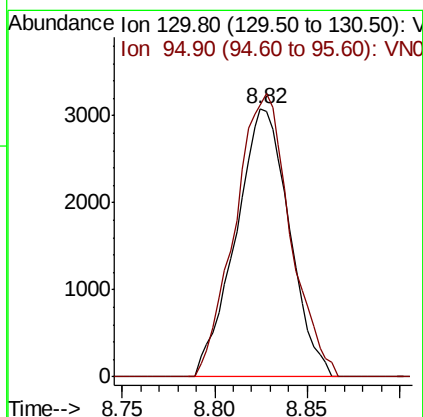
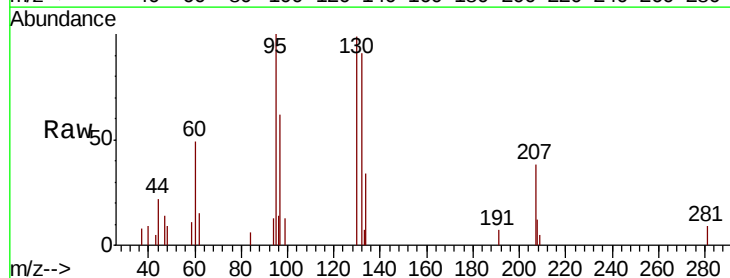
Instrument :
MSVOA_N
ClientSampleId :
MW-24B_100219

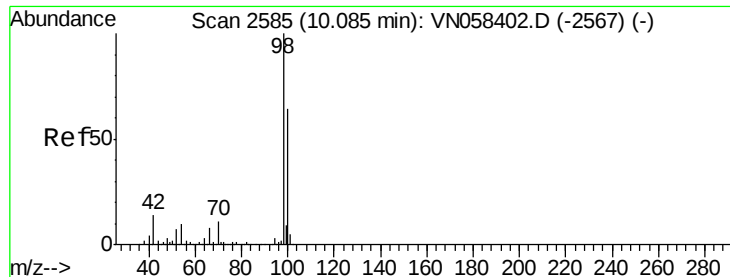
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.2
192	19.0	14.9	22.3



#44
Trichloroethene
Concen: 1.269 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VN058591.D
Acq: 8 Oct 2019 00:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	204.2





#50

Toluene-d8

Concen: 50.636 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058591.D

Acq: 8 Oct 2019 00:31

Instrument :

MSVOA_N

ClientSampleId :

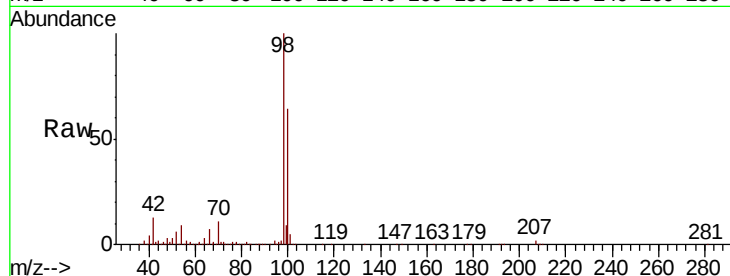
MW-24B_100219

Tot Ion: 98 Resp: 873758

Ion Ratio Lower Upper

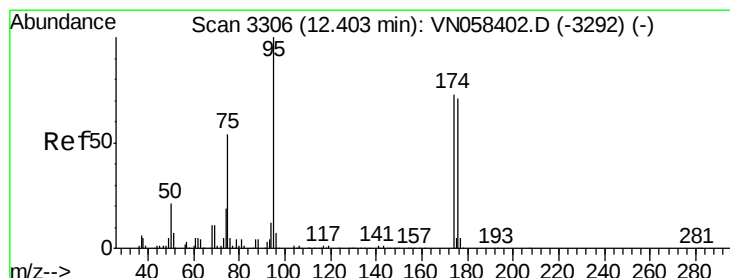
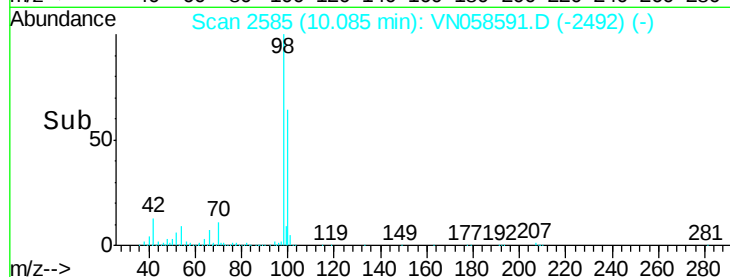
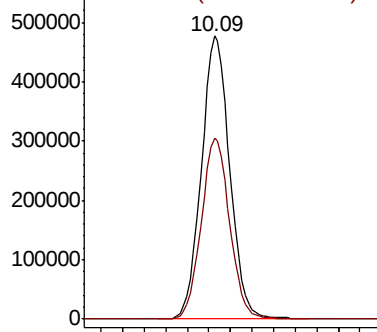
98 100

100 64.1 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 46.672 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058591.D

Acq: 8 Oct 2019 00:31

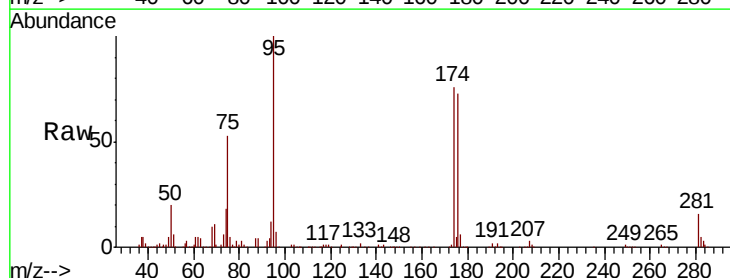
Tgt Ion: 95 Resp: 291198

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.6

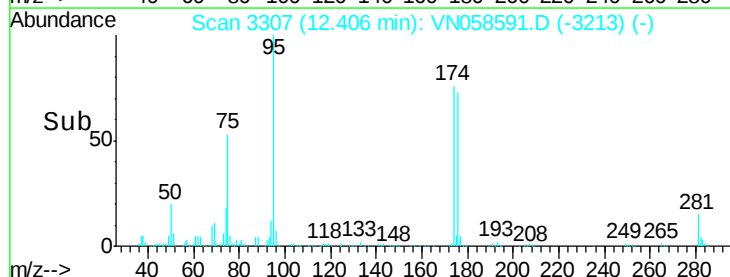
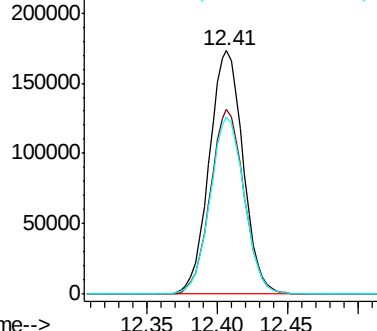
176 73.5 0.0 146.2

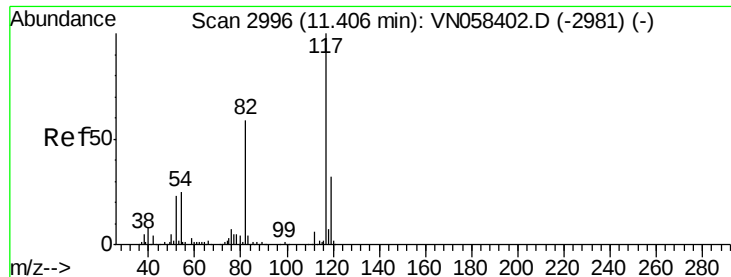


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

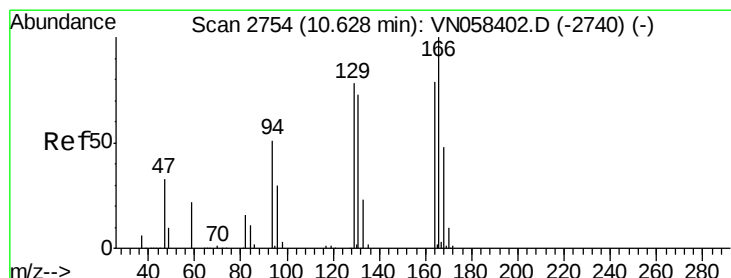
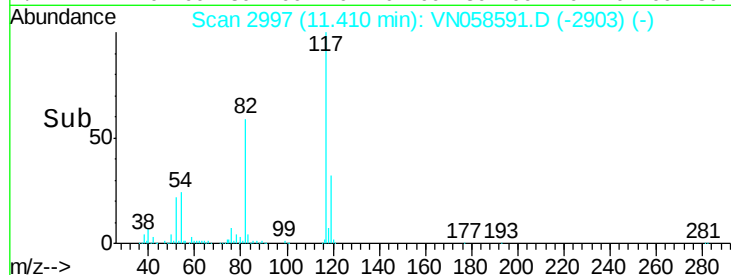
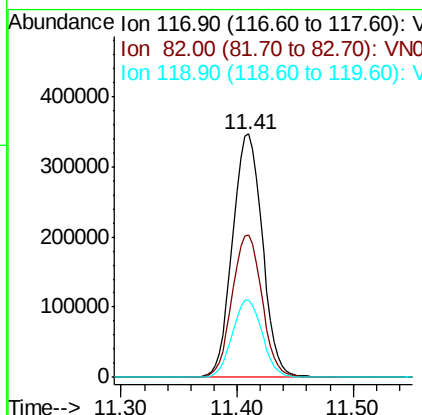
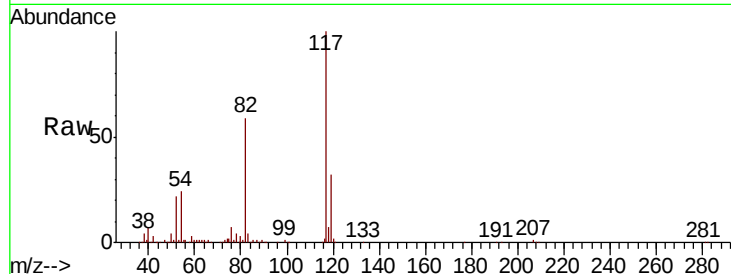




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058591.D
Acq: 8 Oct 2019 00:31

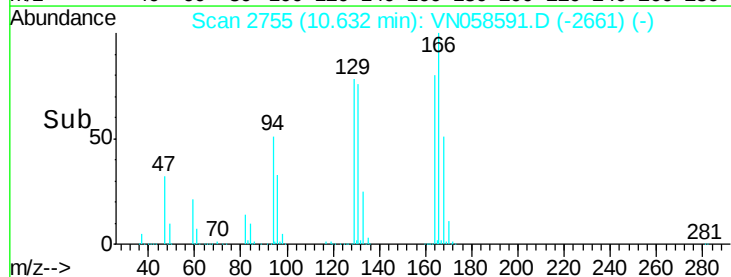
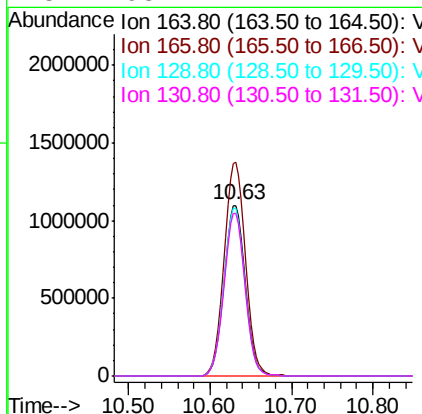
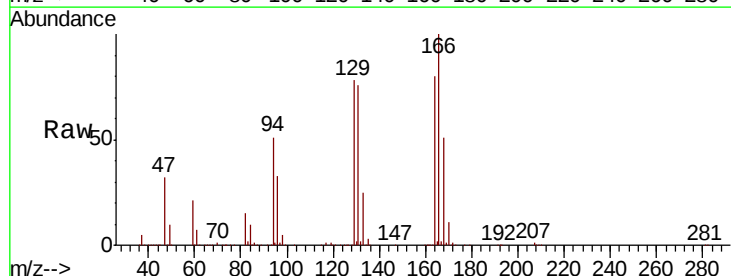
Instrument :
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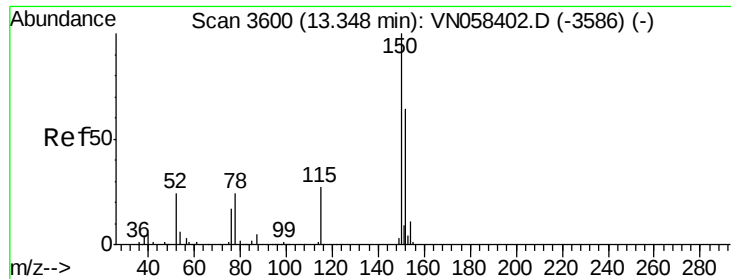
Tot Ion:117 Resp: 619736
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.0
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 514.823 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058591.D
Acq: 8 Oct 2019 00:31

Tgt Ion:164 Resp: 2027057
Ion Ratio Lower Upper
164 100
166 125.5 101.1 151.7
129 98.5 79.2 118.8
131 95.7 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: VN058591.D

Acq: 8 Oct 2019 00:31

Instrument :

MSVOA_N

ClientSampleId :

MW-24B_100219

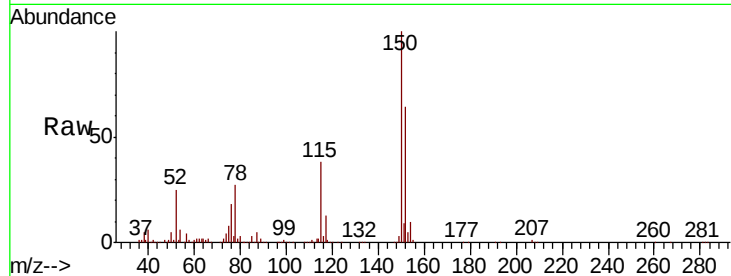
Tot Ion:152 Resp: 251388

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 156.2 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

