

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042020\
 Data File : VN061099.D
 Acq On : 20 Apr 2020 14:21
 Operator : JC/MD
 Sample : L2338-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW202S-20200414

Quant Time: Apr 21 03:59:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	153511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	264294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	246986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	107825	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	106370	54.16	ug/l	0.00
Spiked Amount						
			Recovery	=	108.32%	
35) Dibromofluoromethane	7.56	113	79935	51.79	ug/l	0.00
Spiked Amount						
			Recovery	=	103.58%	
50) Toluene-d8	10.08	98	327638	56.18	ug/l	0.00
Spiked Amount						
			Recovery	=	112.36%	
62) 4-Bromofluorobenzene	12.40	95	121331	53.08	ug/l	0.00
Spiked Amount						
			Recovery	=	106.16%	

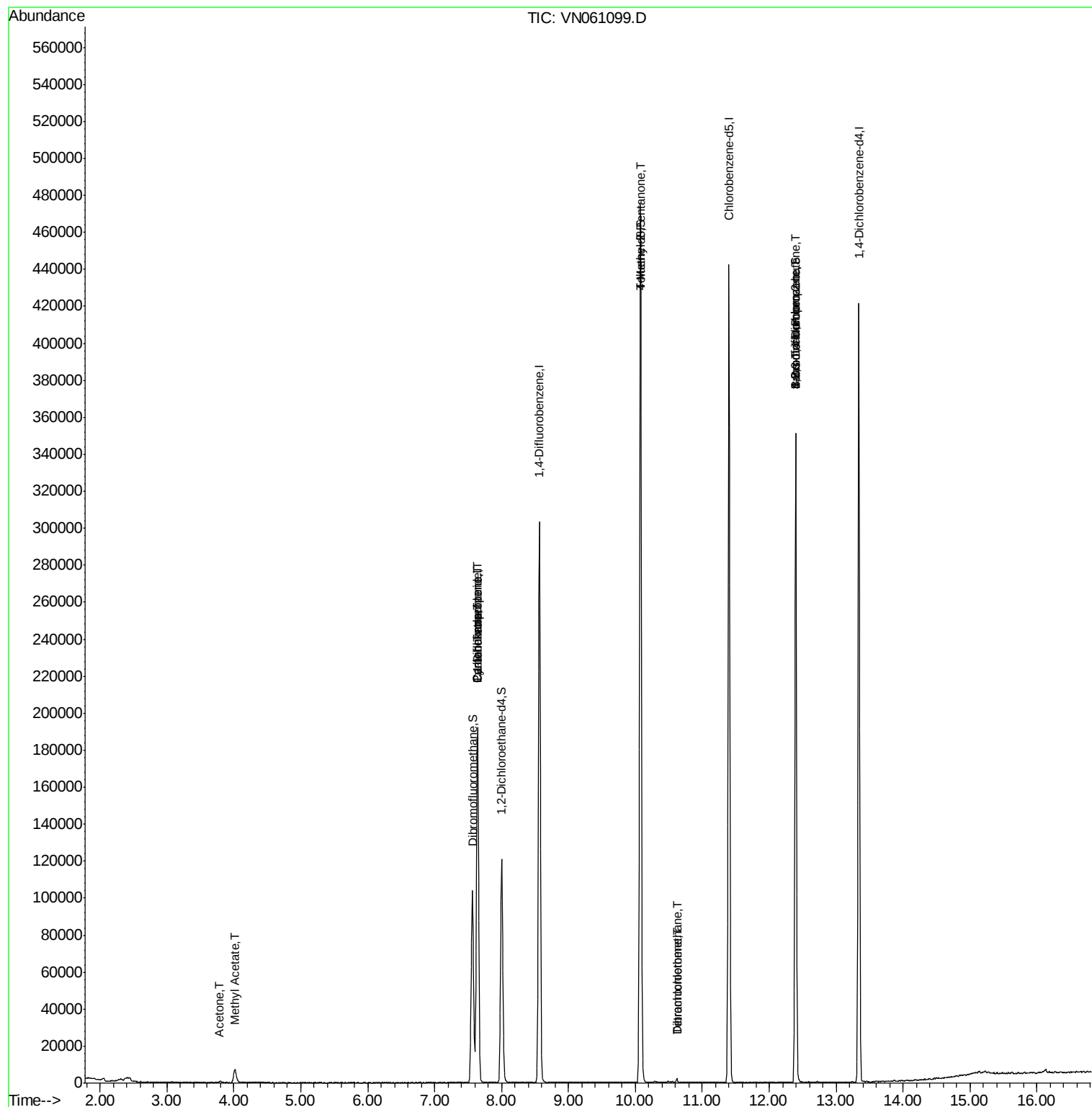
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	1126	1.303	ug/l #	44
18) Methyl Acetate	4.01	43	2520	0.930	ug/l #	54
31) Cyclohexane	7.64	56	3378	0.923	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	12476	4.575	ug/l #	49
38) Carbon Tetrachloride	7.64	117	15148	6.673	ug/l #	16
51) 4-Methyl-2-Pentanone	10.08	43	1700	0.612	ug/l #	1
60) Dibromochloromethane	10.62	129	409	0.217	ug/l #	10
64) Tetrachloroethene	10.62	164	441	0.233	ug/l	96
71) Bromoform	12.40	173	711	0.522	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	62172	26.214	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	62172	64.659	ug/l #	12

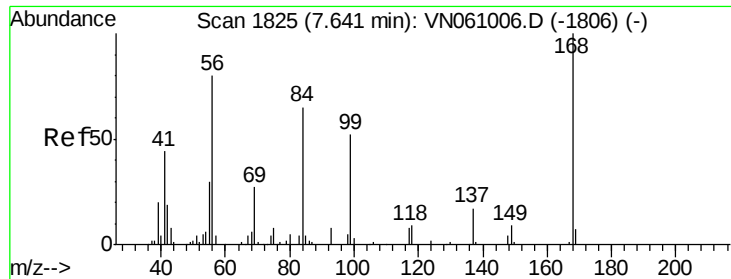
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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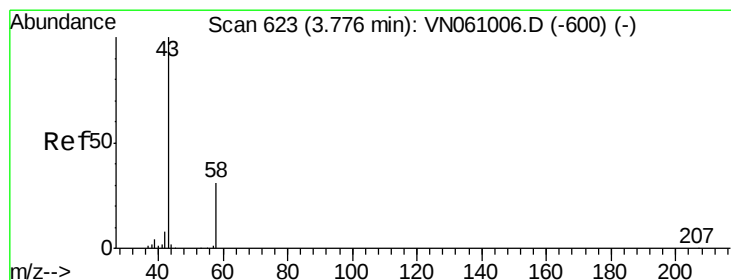
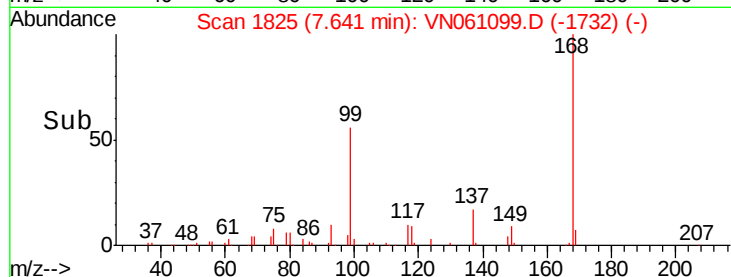
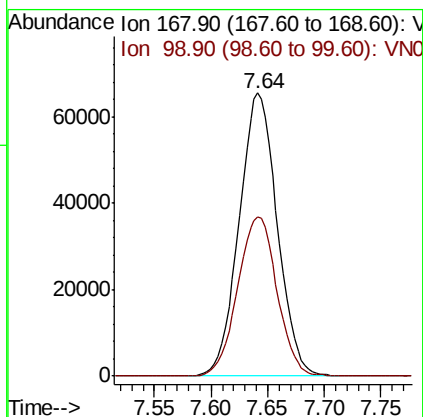
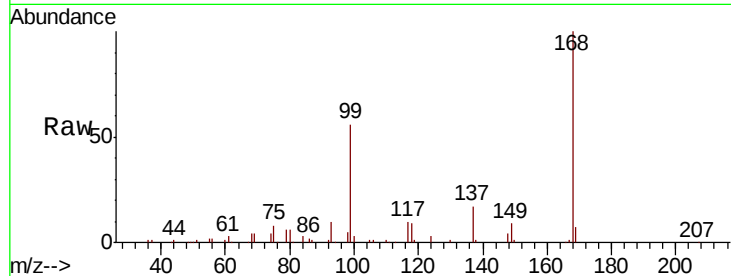




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN061099.D
Acq: 20 Apr 2020 14:21

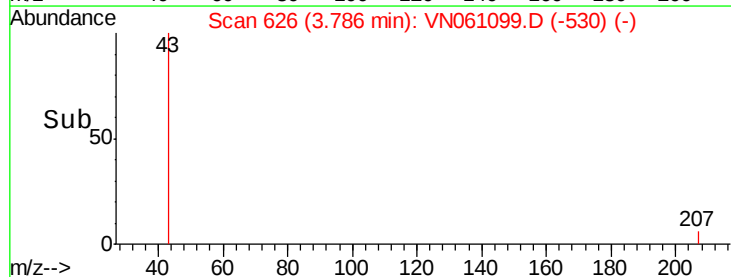
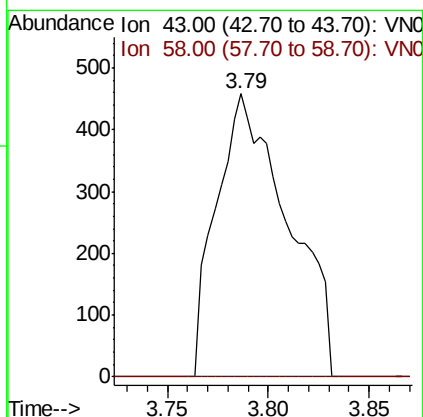
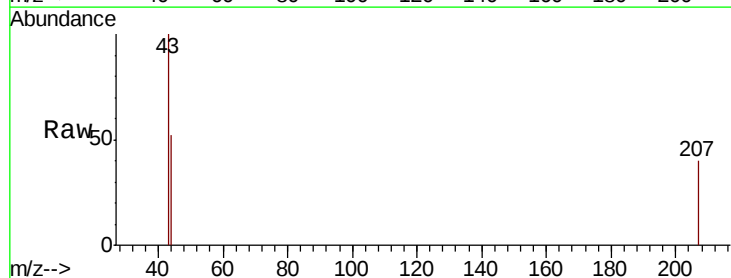
Instrument :
MSVOA_N
ClientSampleId :
BP-MW202S-20200414

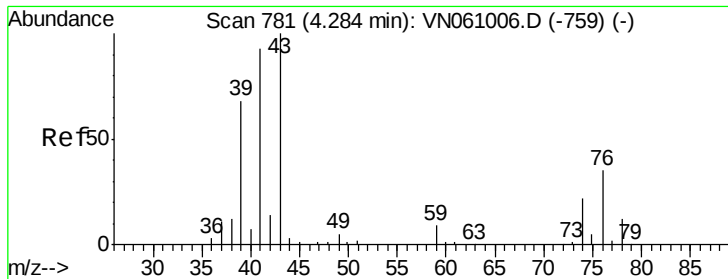
Tot Ion:168 Resp: 153511
Ion Ratio Lower Upper
168 100
99 56.4 47.4 71.2



#16
Acetone
Concen: 1.303 ug/l
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN061099.D
Acq: 20 Apr 2020 14:21

Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 0.0 24.6 37.0#

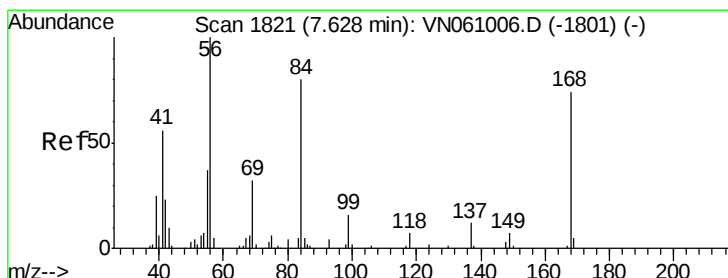
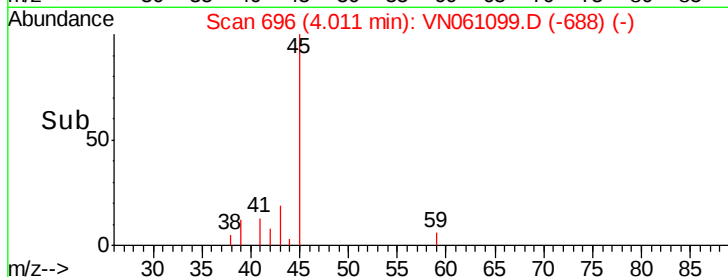
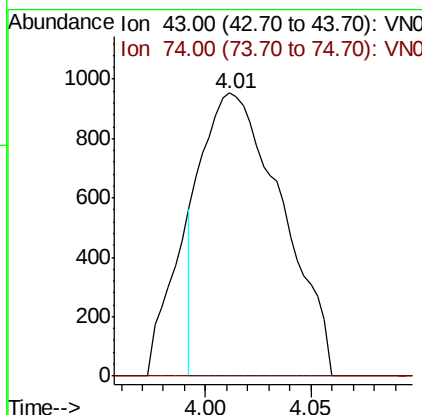
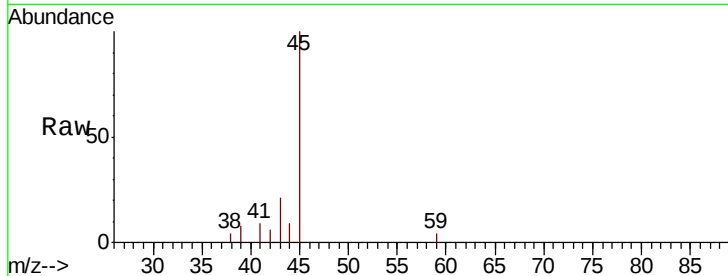




#18
Methvl Acetate
Concen: 0.930 ug/l
RT: 4.01 min Scan# 696
Delta R.T. -0.27 min
Lab File: VN061099.D
Acq: 20 Apr 2020 14:21

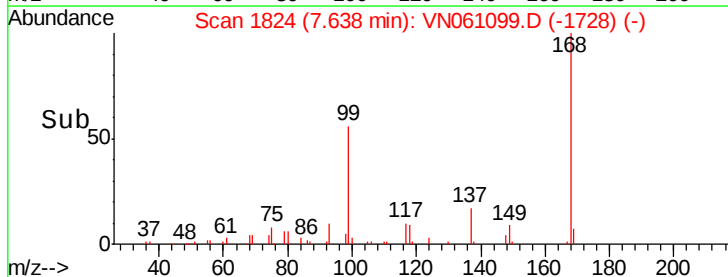
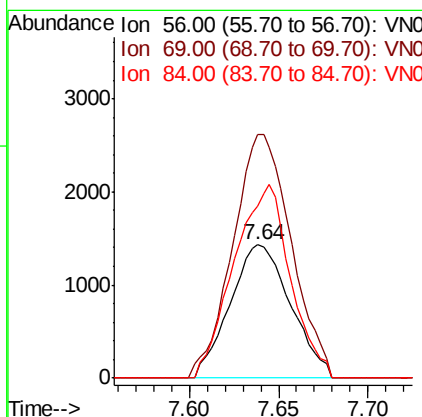
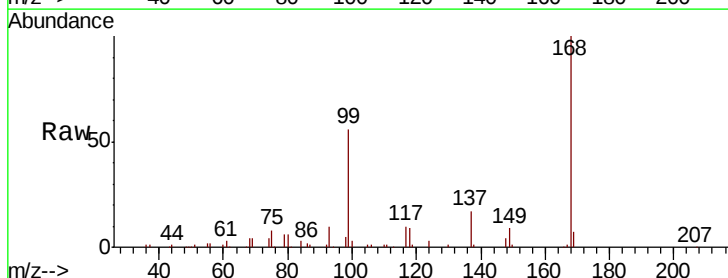
Instrument :
MSVOA_N
ClientSampleId :
BP-MW202S-20200414

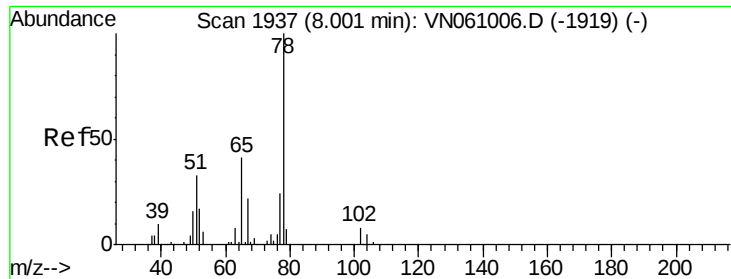
Tot Ion: 43 Resp: 2520
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#31
Cyclohexane
Concen: 0.923 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN061099.D
Acq: 20 Apr 2020 14:21

Tgt Ion: 56 Resp: 3378
Ion Ratio Lower Upper
56 100
69 182.7 25.6 38.4#
84 129.1 63.4 95.2#

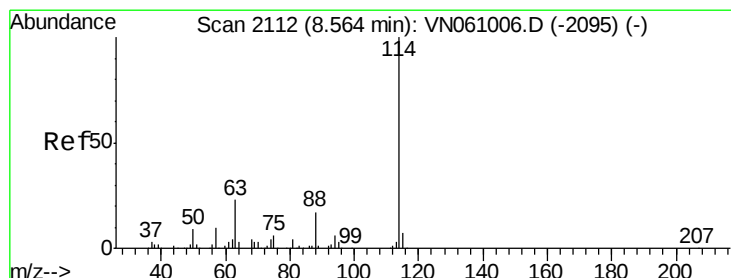
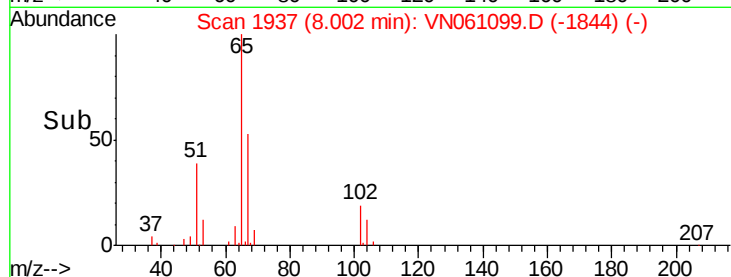
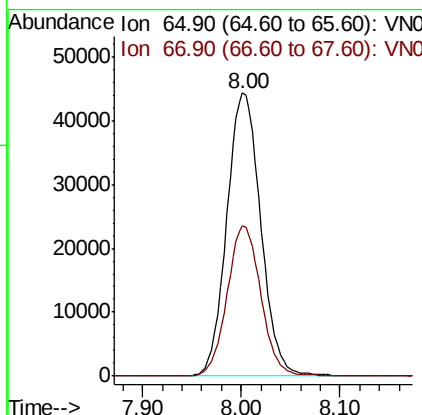
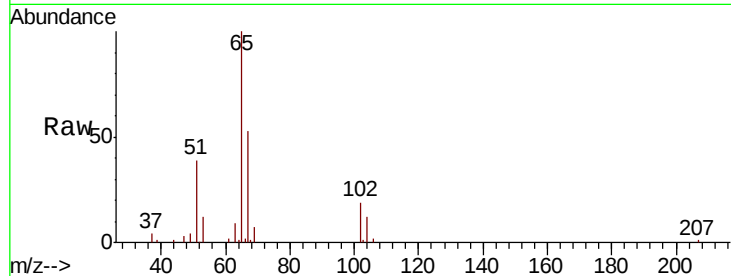




#33
 1,2-Dichloroethane-d4
 Concen: 54.158 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VN061099.D
 Acq: 20 Apr 2020 14:21

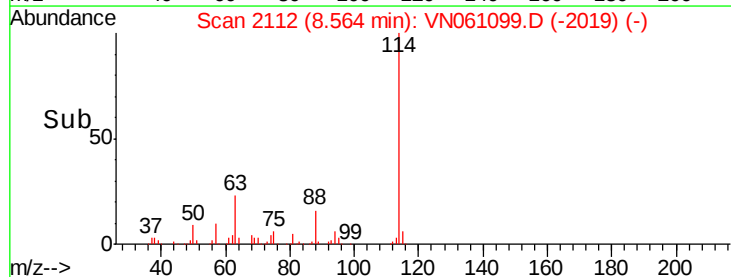
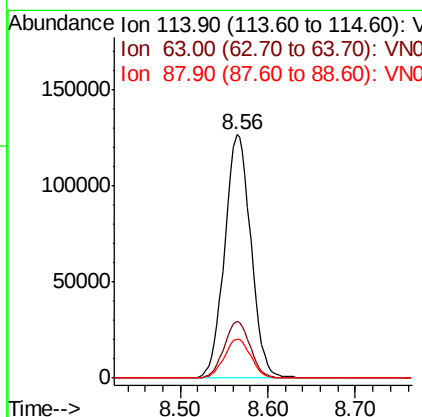
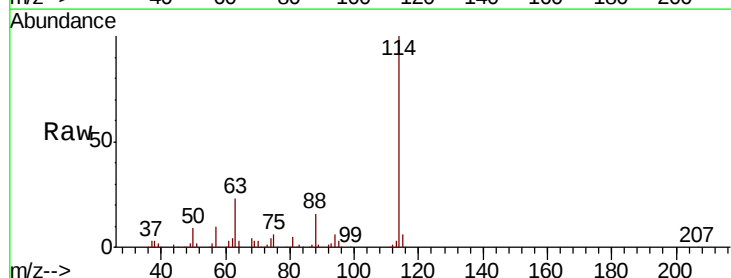
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW202S-20200414

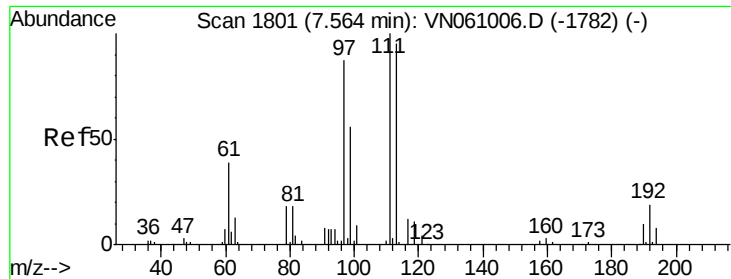
Tot Ion: 65 Resp: 106370
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061099.D
 Acq: 20 Apr 2020 14:21

Tgt Ion: 114 Resp: 264294
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.2
 88 16.1 0.0 33.4

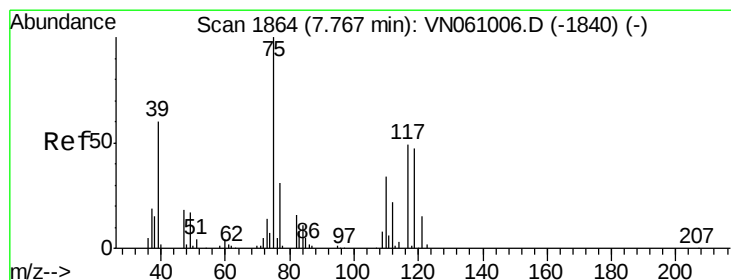
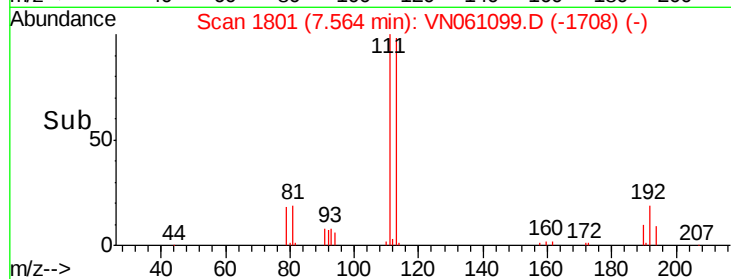
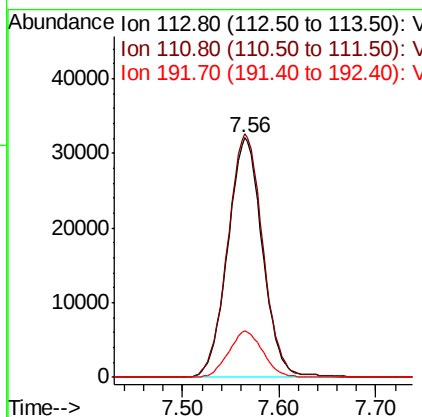
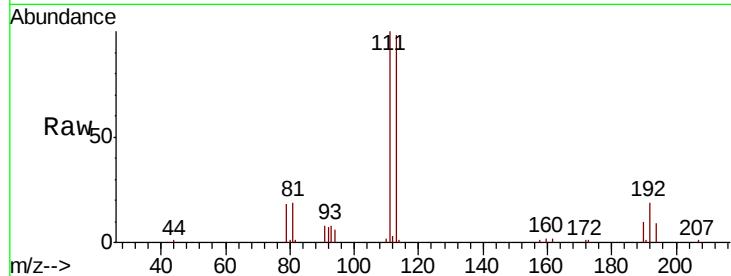




#35
 Dibromofluoromethane
 Concen: 51.790 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061099.D
 Acq: 20 Apr 2020 14:21

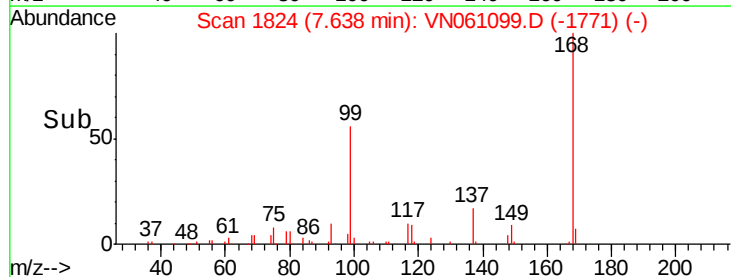
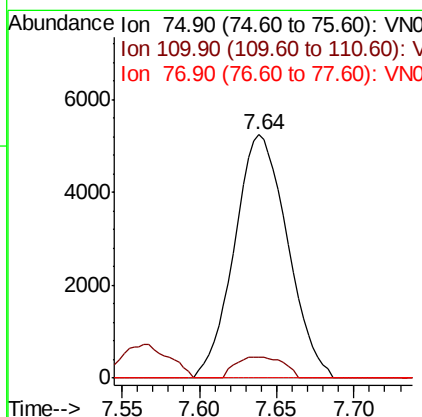
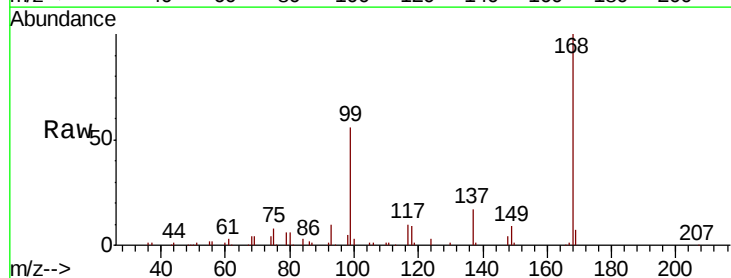
Instrument :
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 ClientSampleId :
 BP-MW202S-20200414

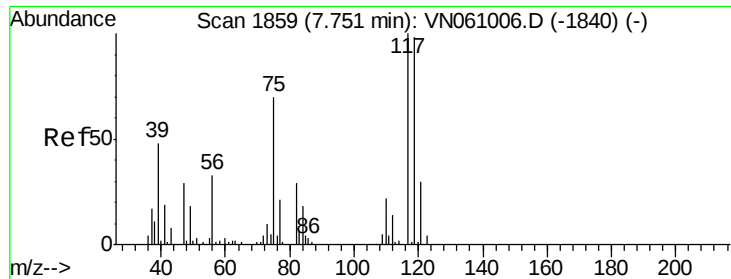
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.4	125.2
192	18.9	15.5	23.3



#36
 1,1-Dichloropropene
 Concen: 4.575 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN061099.D
 Acq: 20 Apr 2020 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.8	50.3#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.673 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN061099.D

Acq: 20 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

BP-MW202S-20200414

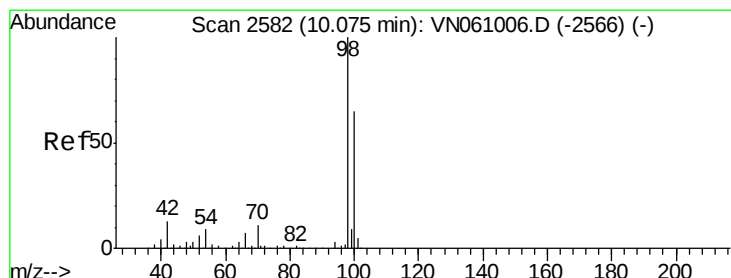
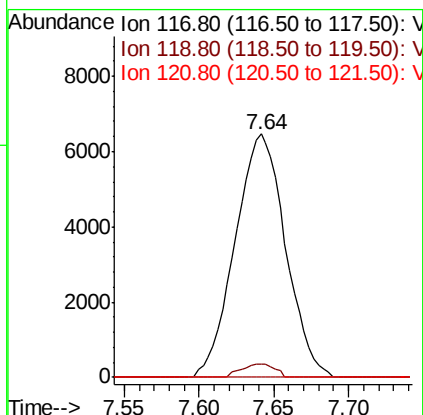
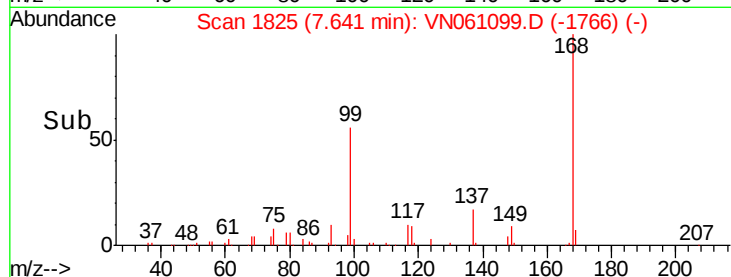
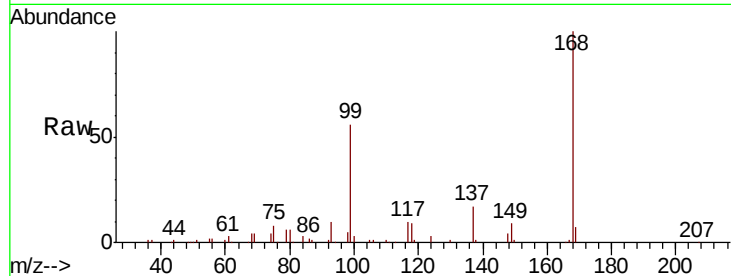
Tot Ion:117 Resp: 15148

Ion Ratio Lower Upper

117 100

119 5.7 78.1 117.1#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 56.176 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061099.D

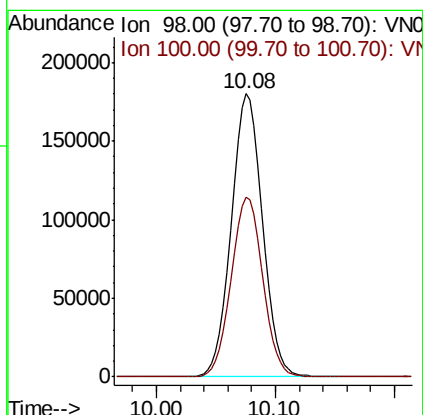
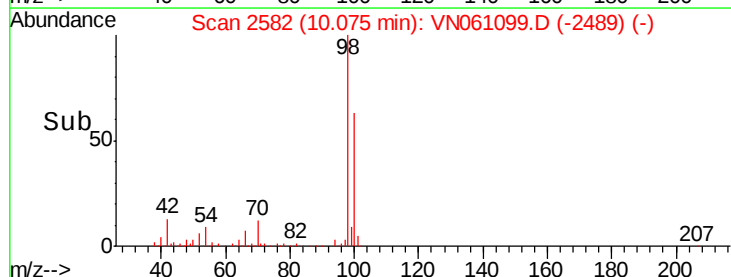
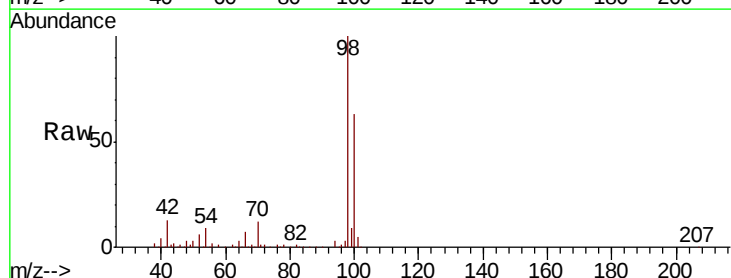
Acq: 20 Apr 2020 14:21

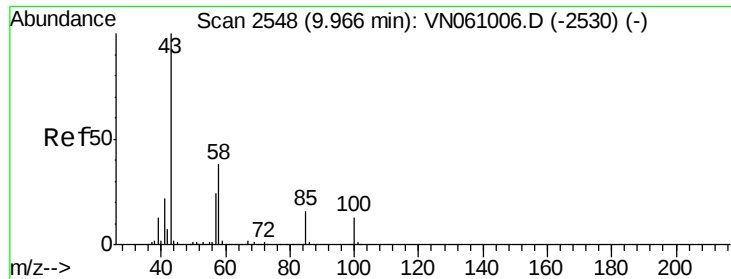
Tgt Ion: 98 Resp: 327638

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 0.612 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.11 min

Lab File: VN061099.D

Acq: 20 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

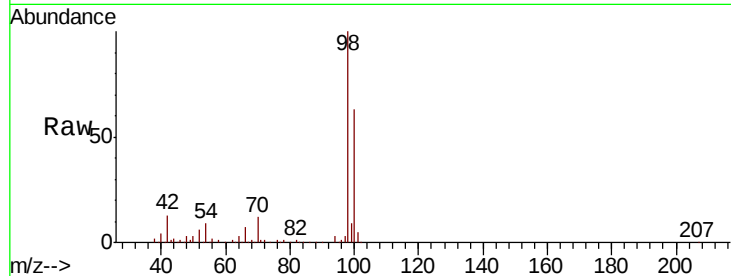
BP-MW202S-20200414

Tot Ion: 43 Resp: 1700

Ion Ratio Lower Upper

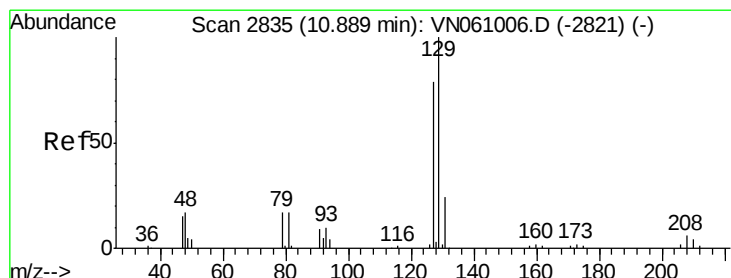
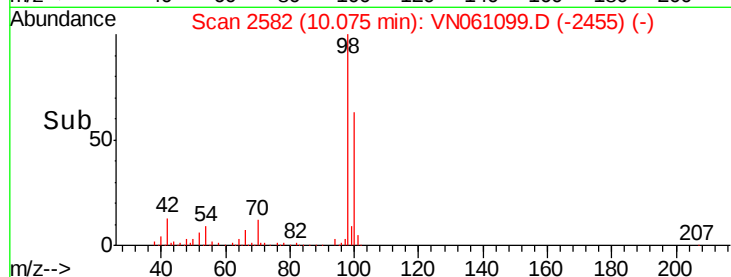
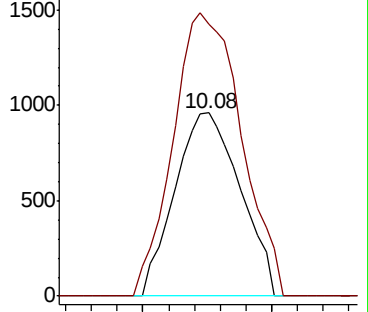
43 100

58 161.8 30.3 45.5#



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-2530) (-)

Ion 58.00 (57.70 to 58.70): VN061006.D (-2530) (-)



#60

Dibromochloromethane

Concen: 0.217 ug/l

RT: 10.62 min Scan# 2751

Delta R.T. -0.27 min

Lab File: VN061099.D

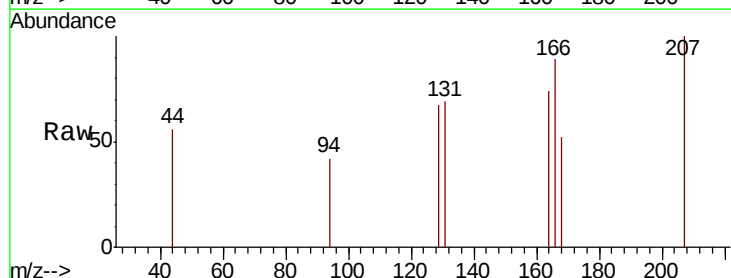
Acq: 20 Apr 2020 14:21

Tgt Ion: 129 Resp: 409

Ion Ratio Lower Upper

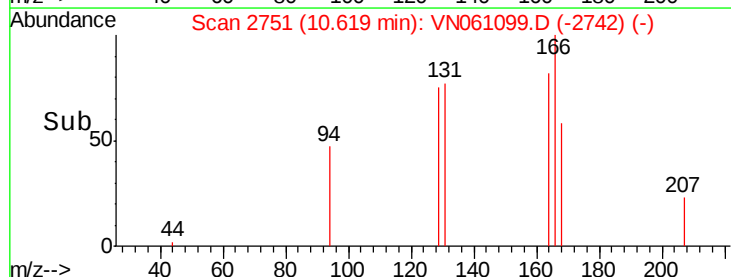
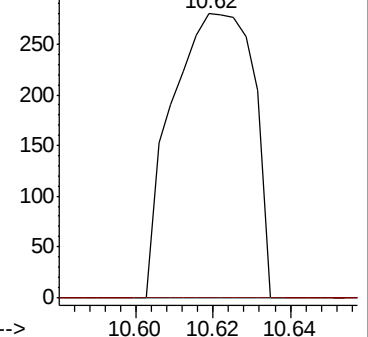
129 100

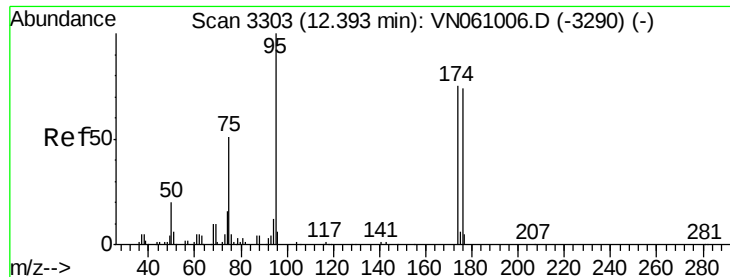
127 0.0 39.0 116.9#



Abundance Ion 128.80 (128.50 to 129.50): VN061006.D (-2821) (-)

Ion 126.80 (126.50 to 127.50): VN061006.D (-2821) (-)

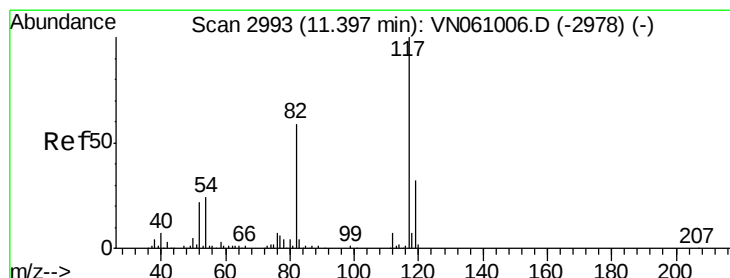
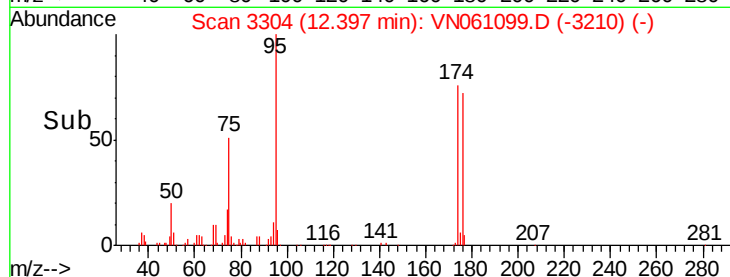
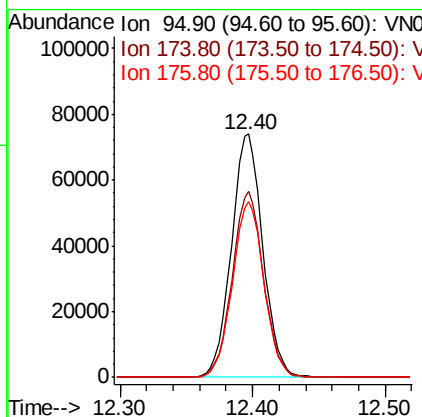
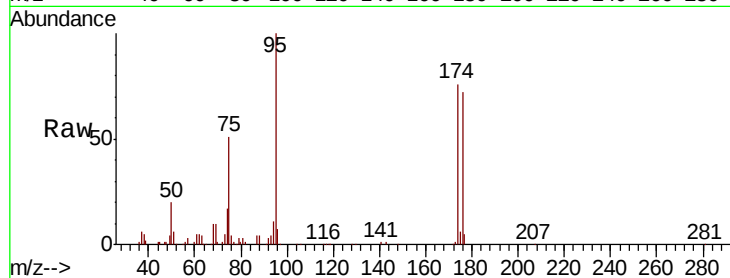




#62
4-Bromofluorobenzene
Concen: 53.079 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN061099.D
Acq: 20 Apr 2020 14:21

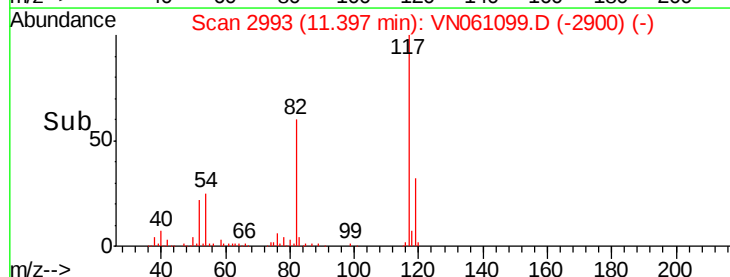
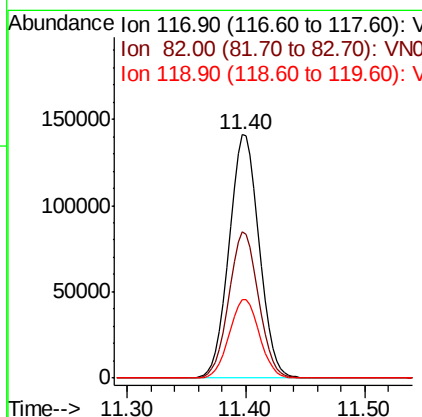
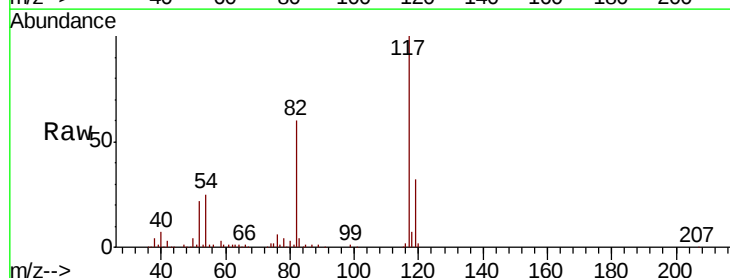
Instrument :
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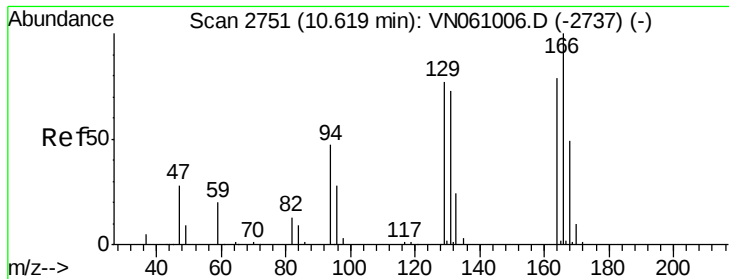
Tot Ion: 95 Resp: 121331
Ion Ratio Lower Upper
95 100
174 76.3 0.0 151.2
176 72.3 0.0 148.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061099.D
Acq: 20 Apr 2020 14:21

Tgt Ion: 117 Resp: 246986
Ion Ratio Lower Upper
117 100
82 60.0 47.1 70.7
119 32.3 25.7 38.5





#64

Tetrachloroethene

Concen: 0.233 ug/l

RT: 10.62 min Scan# 2752

Delta R.T. 0.00 min

Lab File: VN061099.D

Acq: 20 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

BP-MW202S-20200414

Tot Ion:164 Resp: 441

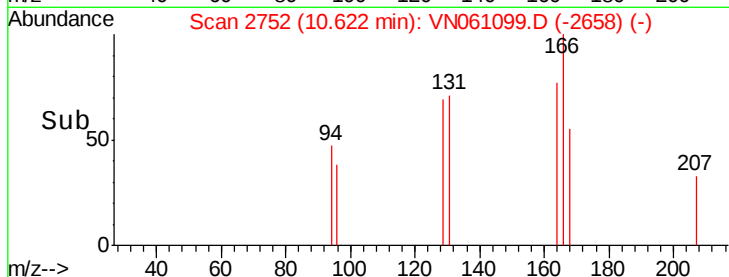
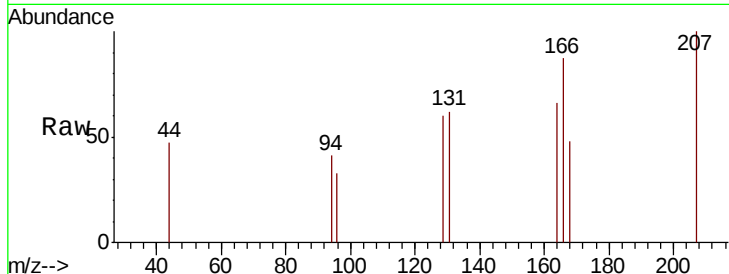
Ion Ratio Lower Upper

164 100

166 130.5 101.6 152.4

129 89.7 78.5 117.7

131 92.6 74.3 111.5



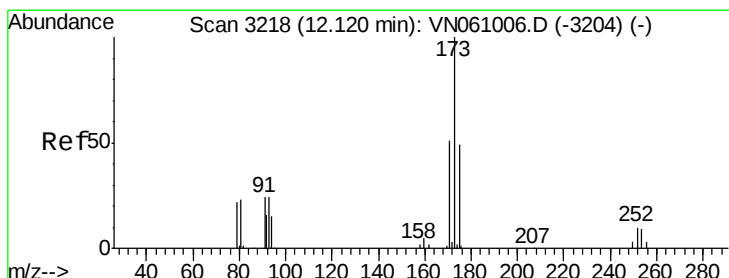
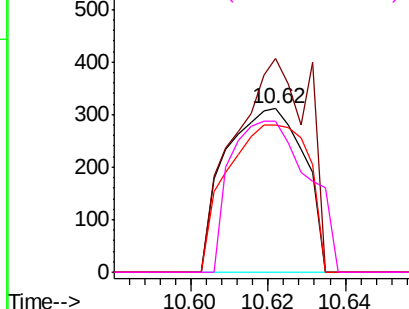
Abundance

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



#71

Bromoform

Concen: 0.522 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.28 min

Lab File: VN061099.D

Acq: 20 Apr 2020 14:21

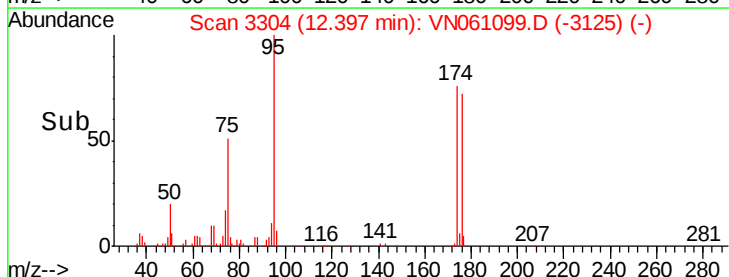
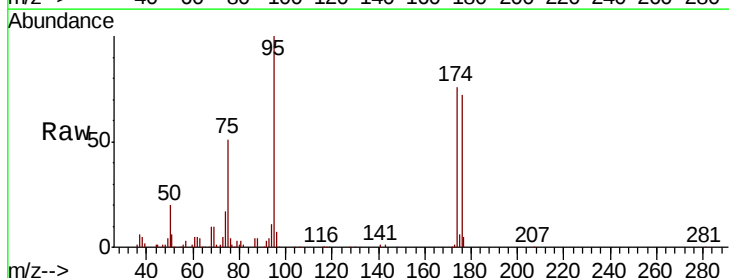
Tgt Ion:173 Resp: 711

Ion Ratio Lower Upper

173 100

175 823.2 24.5 73.5#

254 0.0 0.0 0.0

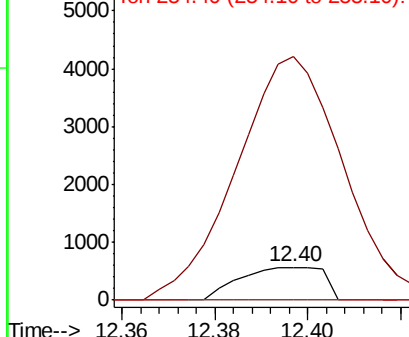


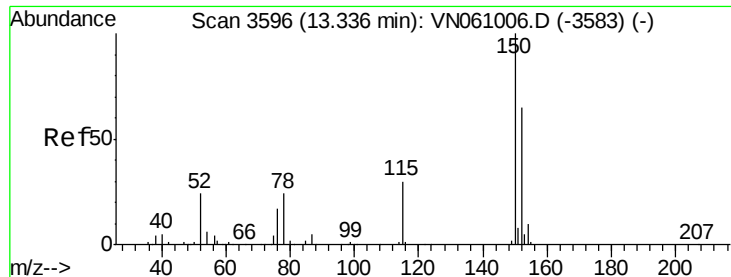
Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061099.D

Acq: 20 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

BP-MW202S-20200414

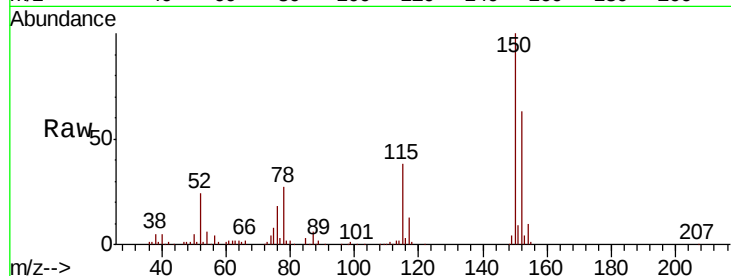
Tot Ion:152 Resp: 107825

Ion Ratio Lower Upper

152 100

115 60.9 30.8 92.4

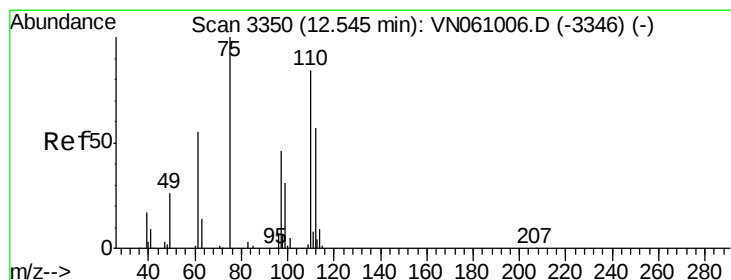
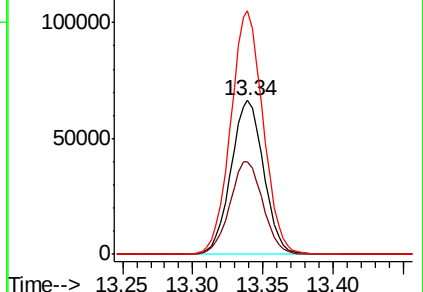
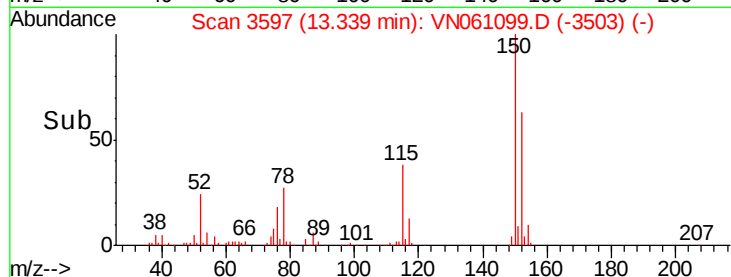
150 157.1 0.0 349.0



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



#76

1,2,3-Trichloropropane

Concen: 26.214 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN061099.D

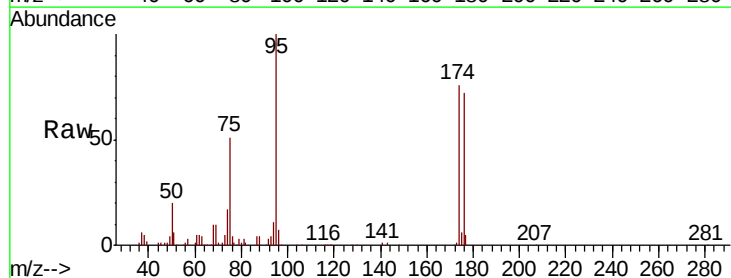
Acq: 20 Apr 2020 14:21

Tgt Ion: 75 Resp: 62172

Ion Ratio Lower Upper

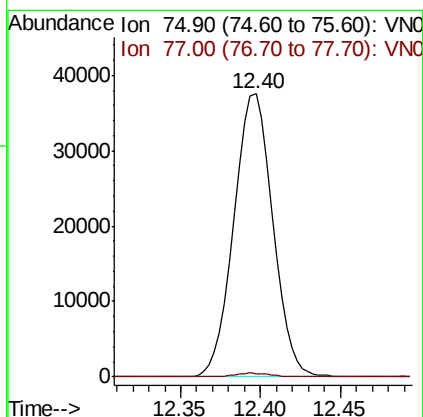
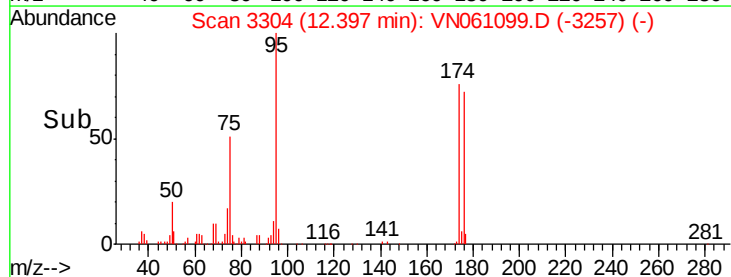
75 100

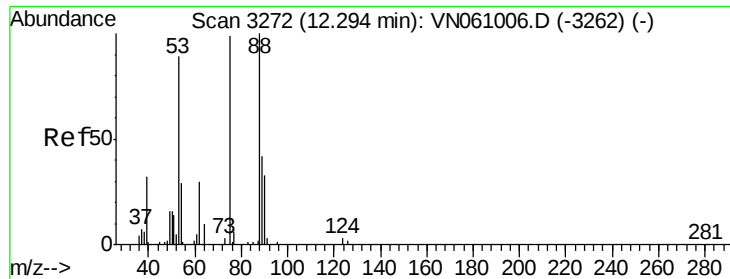
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 64.659 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN061099.D

Acq: 20 Apr 2020 14:21

Instrument :

MSVOA_N

ClientSampleId :

BP-MW202S-20200414

Tot Ion: 75 Resp: 62172

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#

