

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062436.D
 Acq On : 9 Jul 2020 3:59
 Operator : JC/MD
 Sample : L3164-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-TB-20200629

Quant Time: Jul 09 05:10:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	178451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	319448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	307261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	111676	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	140203	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
35) Dibromofluoromethane	7.55	113	103838	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
50) Toluene-d8	10.06	98	414274	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.38	95	146901	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	

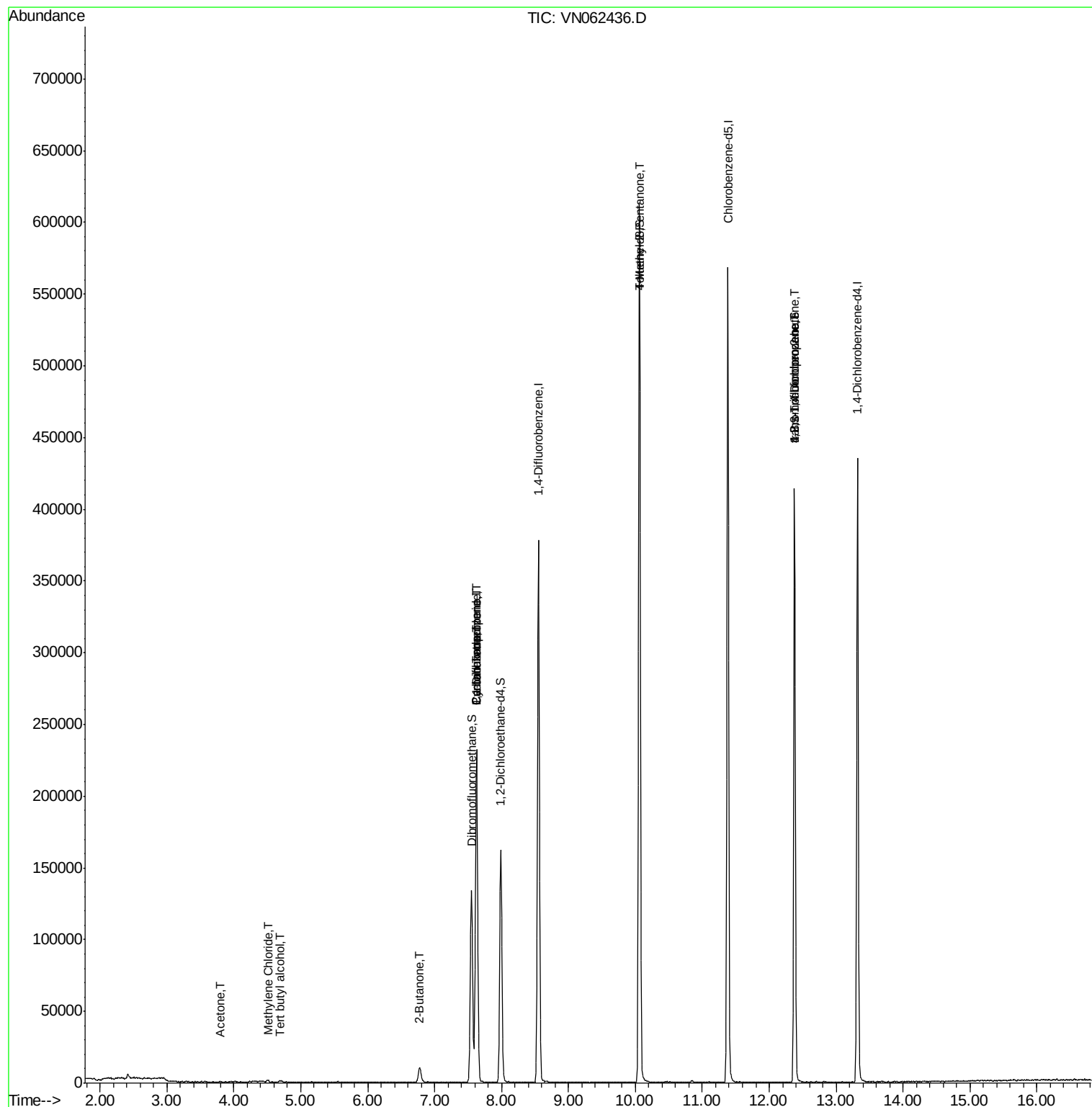
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.70	59	581	1.276	ug/l #	74
16) Acetone	3.78	43	552	0.474	ug/l #	45
20) Methylene Chloride	4.50	84	655	0.263	ug/l	93
25) 2-Butanone	6.77	43	431	0.253	ug/l #	53
31) Cyclohexane	7.63	56	4523	1.085	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	15757	4.896	ug/l #	52
38) Carbon Tetrachloride	7.62	117	18943	6.547	ug/l #	15
51) 4-Methyl-2-Pentanone	10.06	43	2333	0.657	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	78426	28.621	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	78426	76.607	ug/l #	10
95) Naphthalene	15.11	128	635	Below Cal	#	70

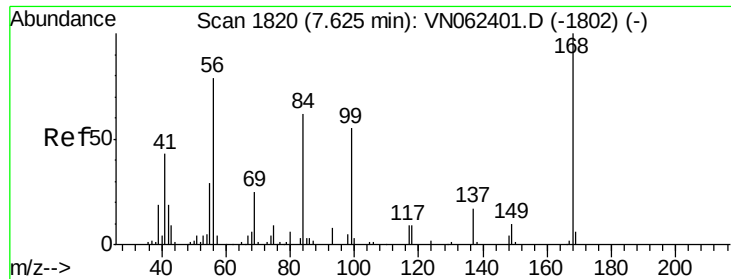
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 09 02:12:34 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062436.D

Acq: 9 Jul 2020 3:59

Instrument :

MSVOA_N

ClientSampleId :

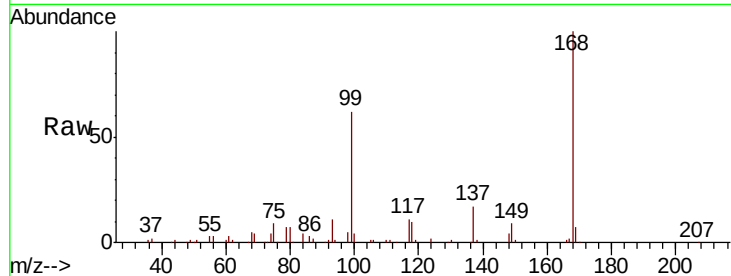
BP-MW180-TB-20200629

Tot Ion:168 Resp: 178451

Ion Ratio Lower Upper

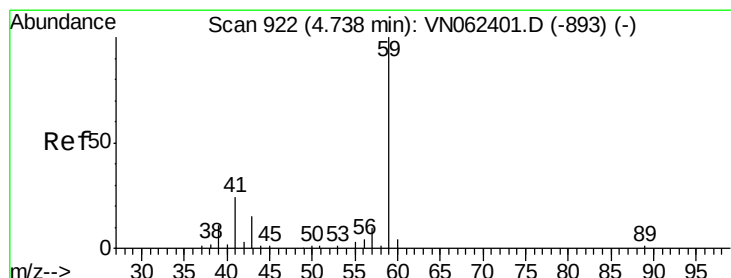
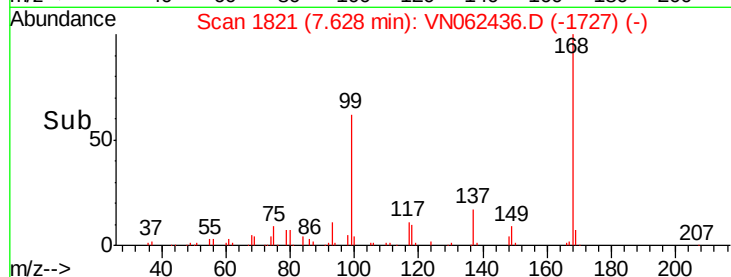
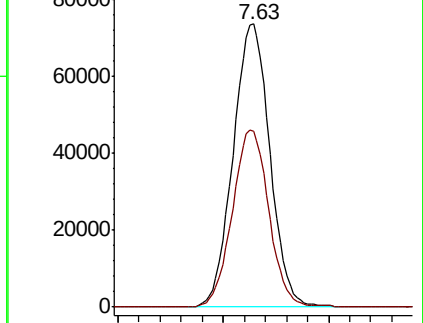
168 100

99 62.0 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#11

Tert butyl alcohol

Concen: 1.276 ug/l

RT: 4.70 min Scan# 909

Delta R.T. -0.04 min

Lab File: VN062436.D

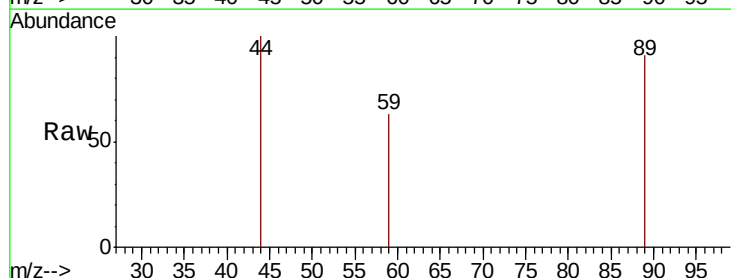
Acq: 9 Jul 2020 3:59

Tgt Ion: 59 Resp: 581

Ion Ratio Lower Upper

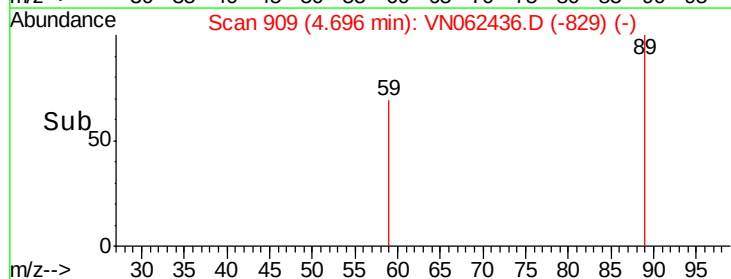
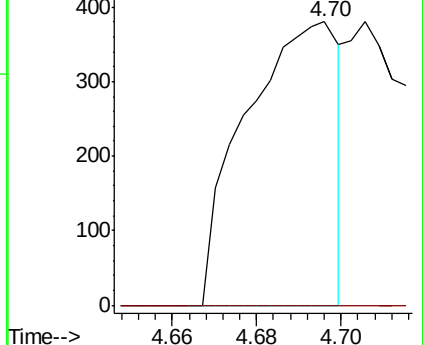
59 100

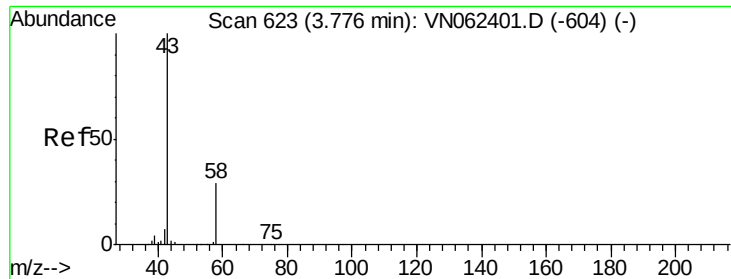
57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

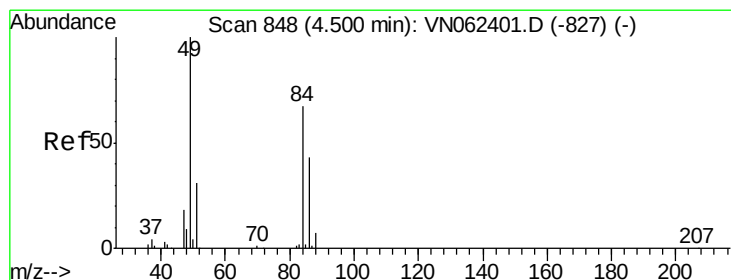
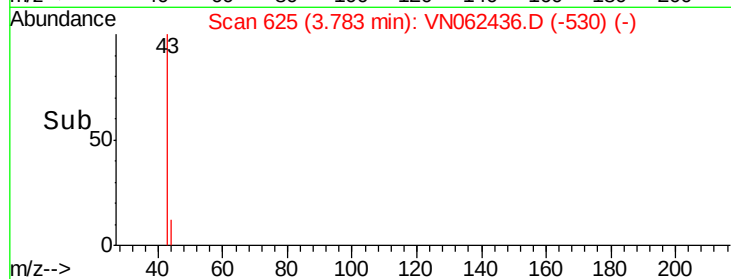
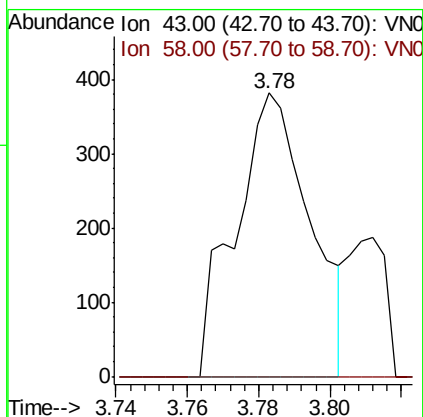
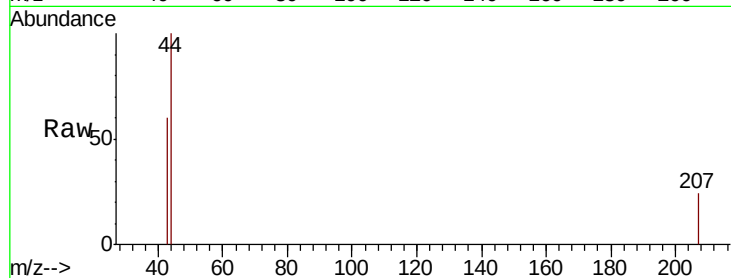




#16
Acetone
Concen: 0.474 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.01 min
Lab File: VN062436.D
Acq: 9 Jul 2020 3:59

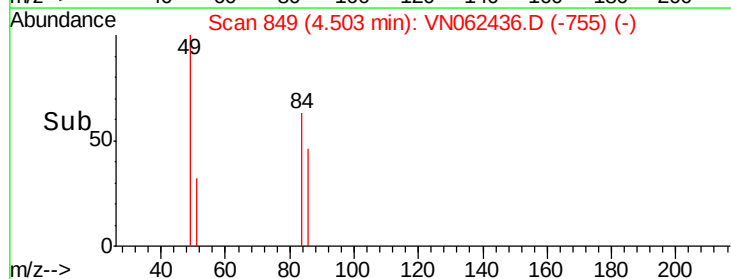
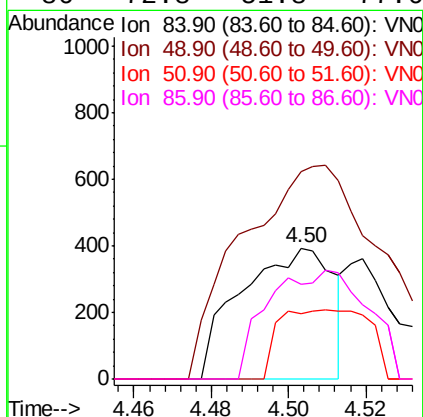
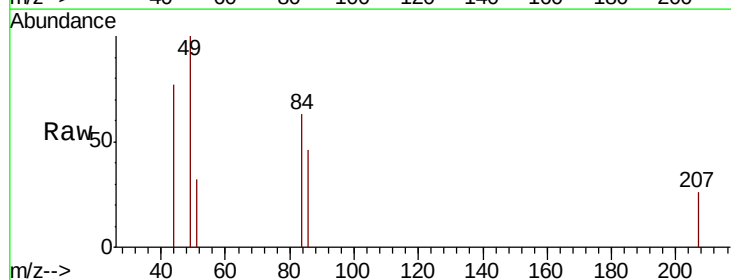
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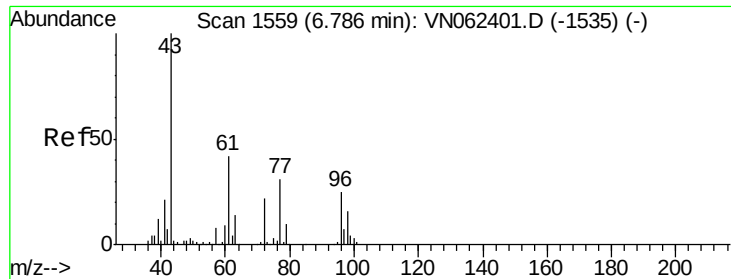
Tot Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
58 0.0 23.5 35.3#



#20
Methylene Chloride
Concen: 0.263 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062436.D
Acq: 9 Jul 2020 3:59

Tgt Ion: 84 Resp: 655
Ion Ratio Lower Upper
84 100
49 158.3 120.0 180.0
51 50.4 37.0 55.6
86 72.8 51.8 77.6

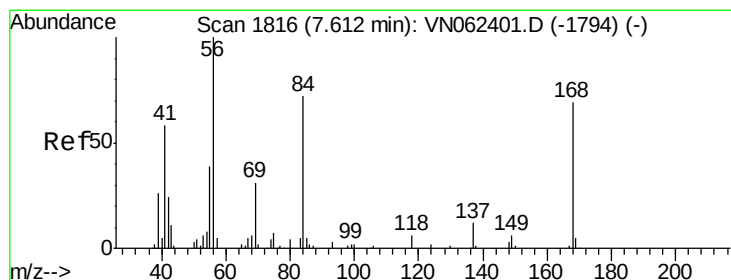
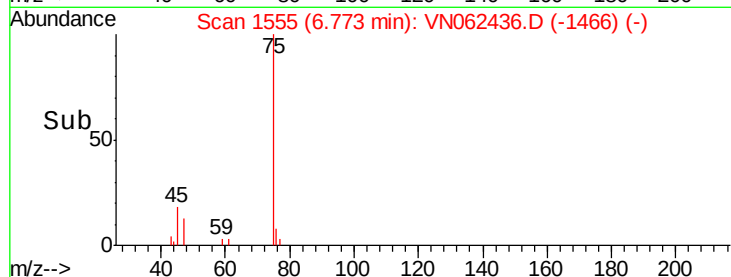
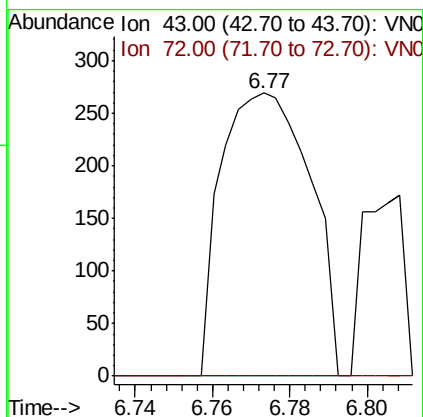
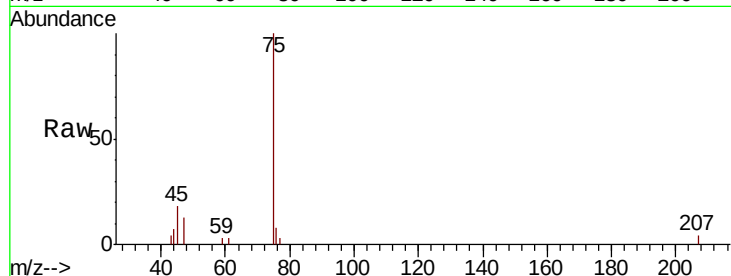




#25
2-Butanone
Concen: 0.253 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.01 min
Lab File: VN062436.D
Acq: 9 Jul 2020 3:59

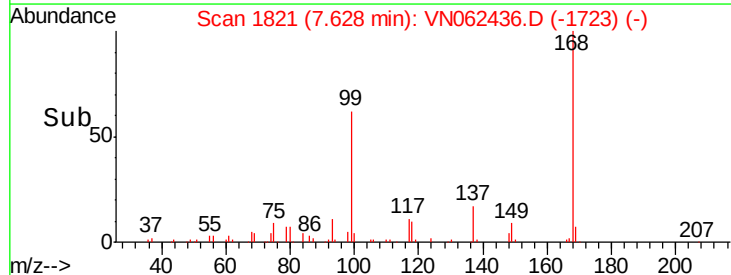
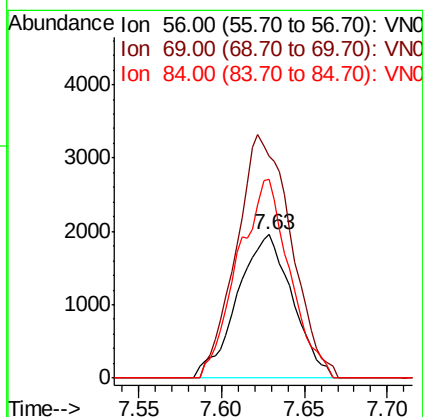
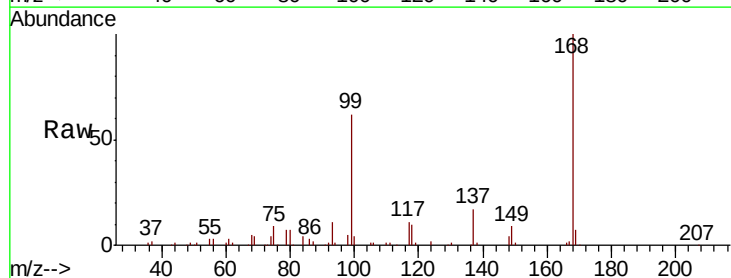
Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-TB-20200629

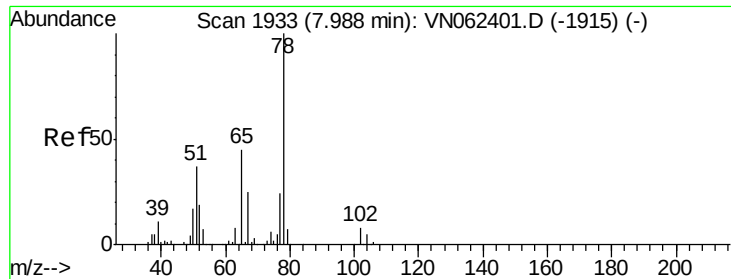
Tot Ion: 43 Resp: 431
Ion Ratio Lower Upper
43 100
72 0.0 17.9 26.9#



#31
Cyclohexane
Concen: 1.085 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. 0.02 min
Lab File: VN062436.D
Acq: 9 Jul 2020 3:59

Tgt Ion: 56 Resp: 4523
Ion Ratio Lower Upper
56 100
69 155.0 24.5 36.7#
84 138.6 57.4 86.2#

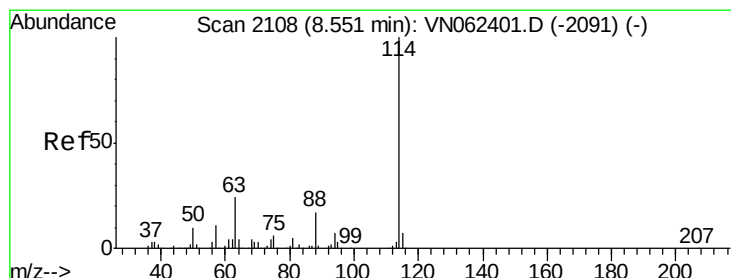
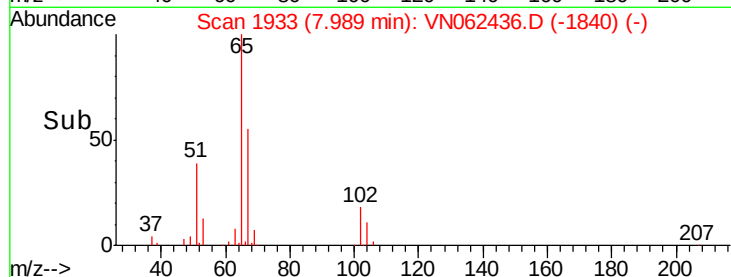
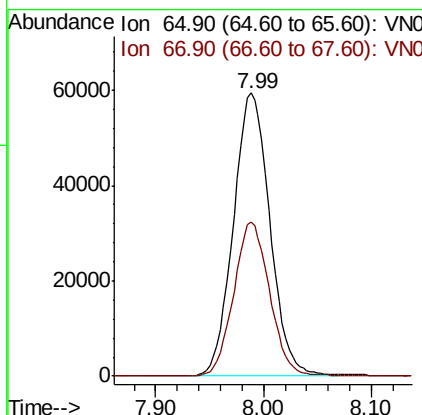
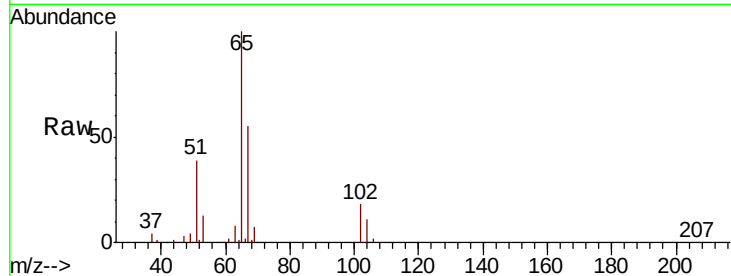




#33
 1,2-Dichloroethane-d4
 Concen: 51.079 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062436.D
 Acq: 9 Jul 2020 3:59

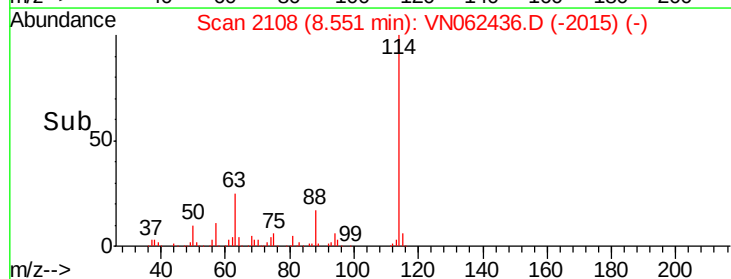
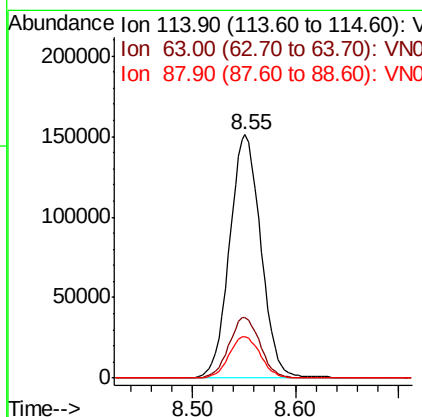
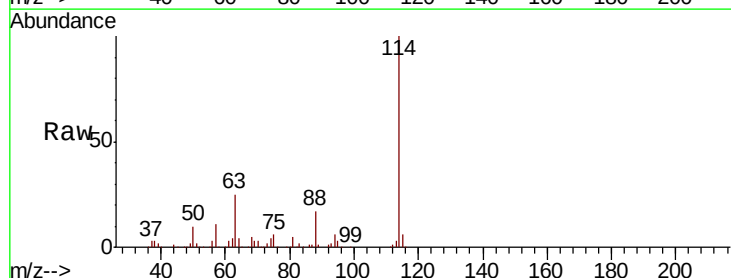
Instrument :
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 ClientSampleId :
 BP-MW180-TB-20200629

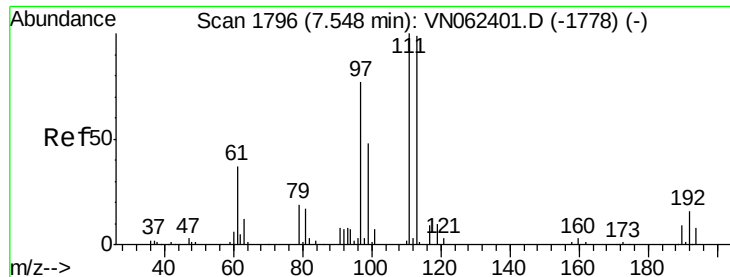
Tot Ion: 65 Resp: 140203
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062436.D
 Acq: 9 Jul 2020 3:59

Tgt Ion: 114 Resp: 319448
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 48.4
 88 17.0 0.0 33.8

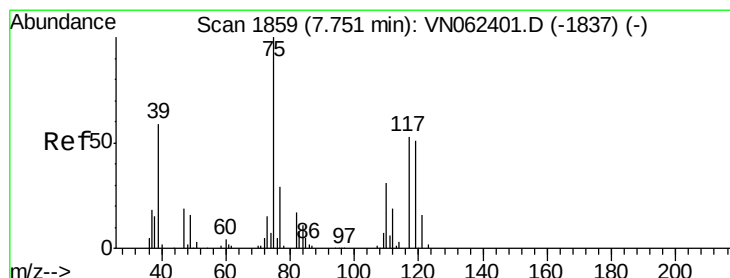
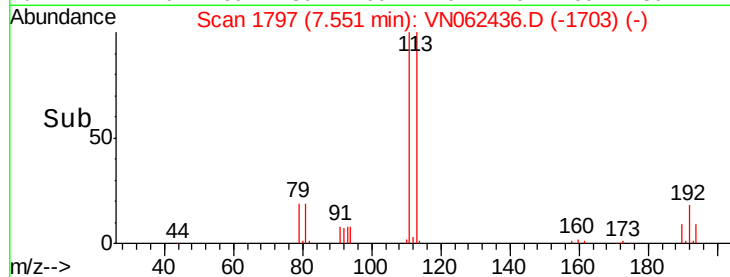
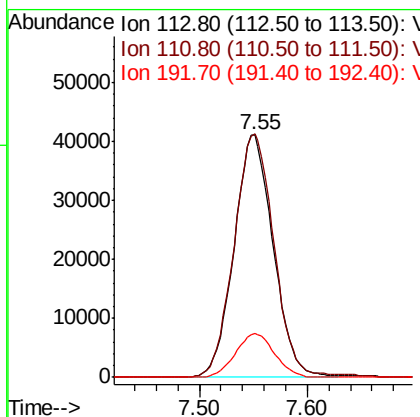
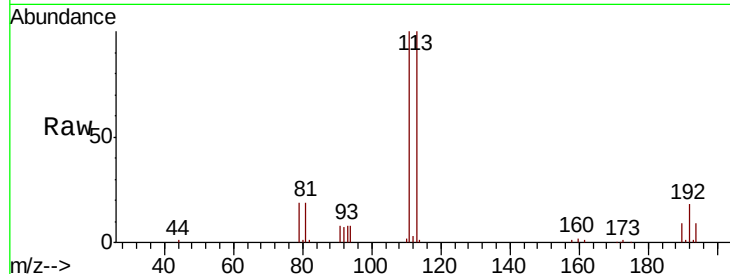




#35
 Dibromofluoromethane
 Concen: 52.586 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062436.D
 Acq: 9 Jul 2020 3:59

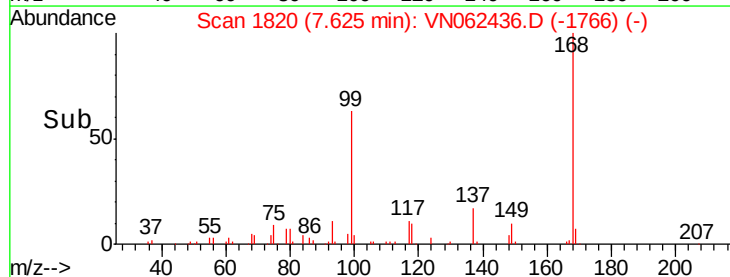
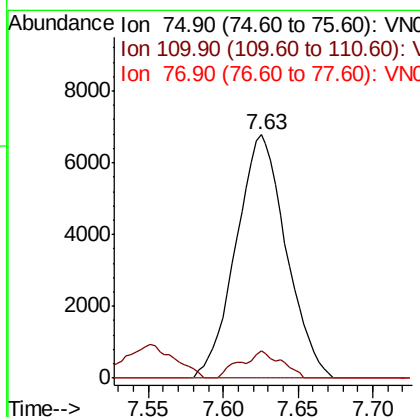
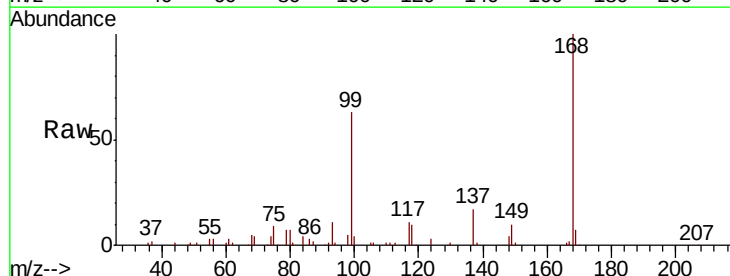
Instrument :
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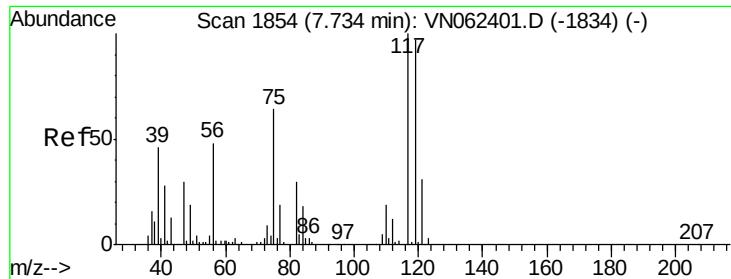
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.1	124.7
192	18.0	14.1	21.1



#36
 1,1-Dichloropropene
 Concen: 4.896 ug/l
 RT: 7.63 min Scan# 1820
 Delta R.T. -0.13 min
 Lab File: VN062436.D
 Acq: 9 Jul 2020 3:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	15.4	46.2#
77	0.0	24.1	36.1#





#38

Carbon Tetrachloride

Concen: 6.547 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.11 min

Lab File: VN062436.D

Acq: 9 Jul 2020 3:59

Instrument :

MSVOA_N

ClientSampleId :

BP-MW180-TB-20200629

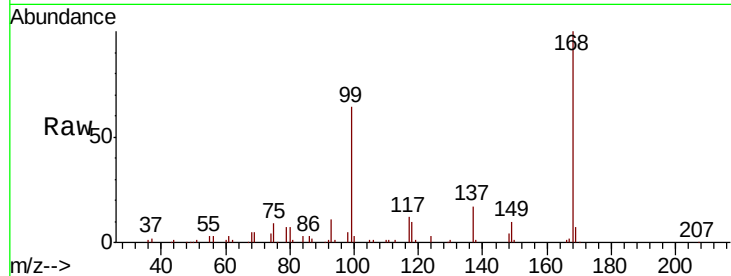
Tot Ion:117 Resp: 18943

Ion Ratio Lower Upper

117 100

119 4.7 77.2 115.8#

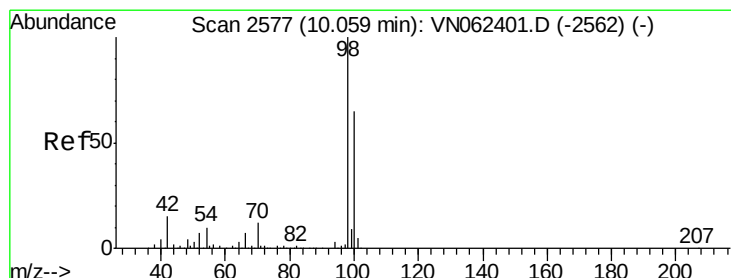
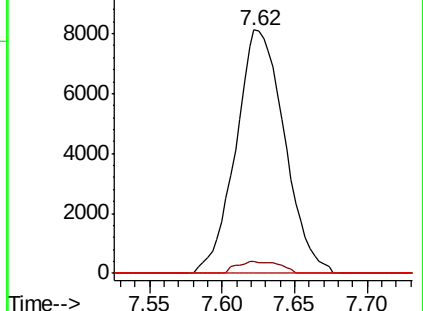
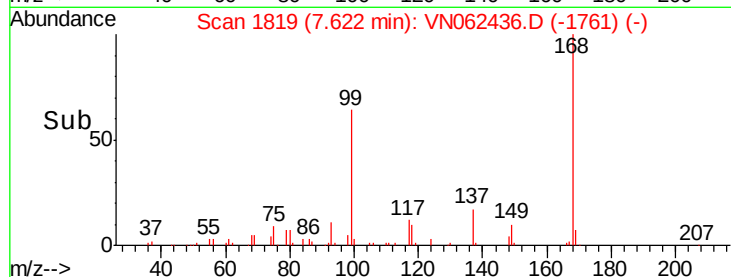
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 53.145 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062436.D

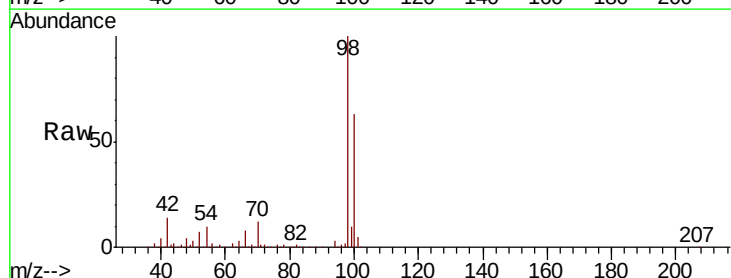
Acq: 9 Jul 2020 3:59

Tgt Ion: 98 Resp: 414274

Ion Ratio Lower Upper

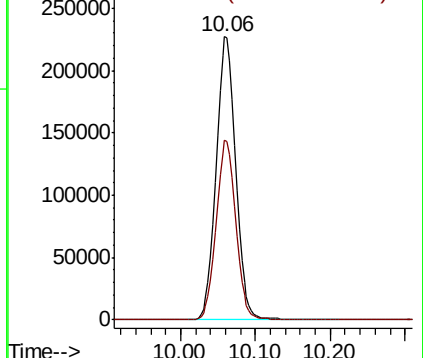
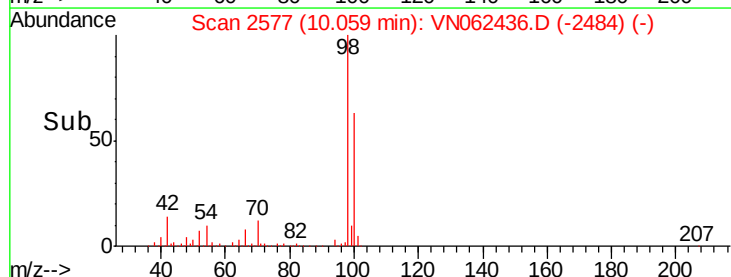
98 100

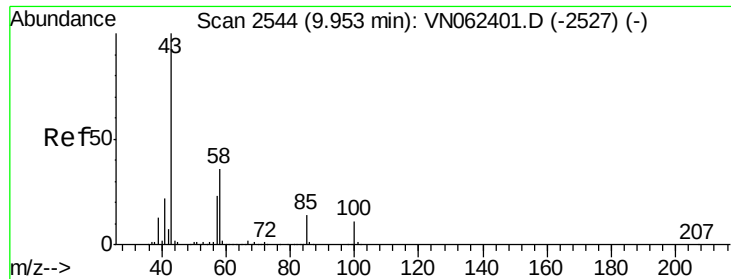
100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

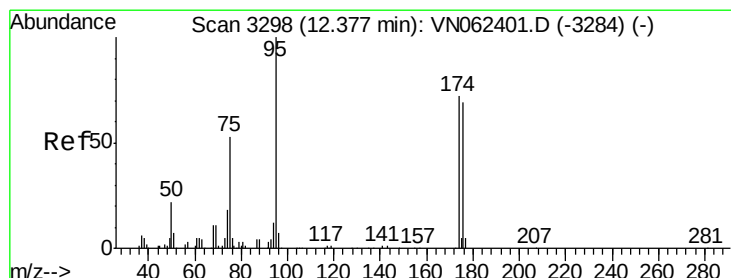
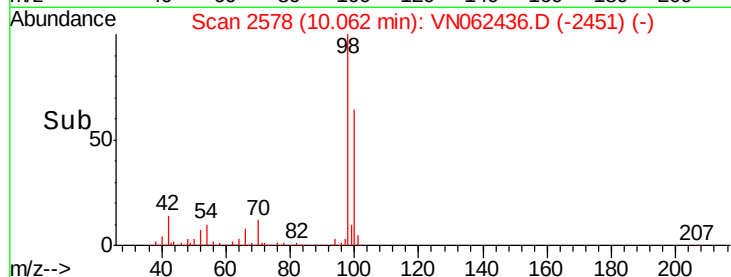
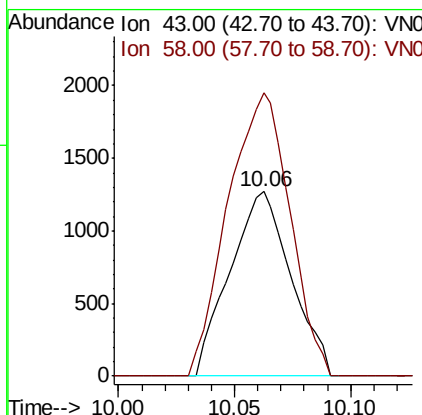
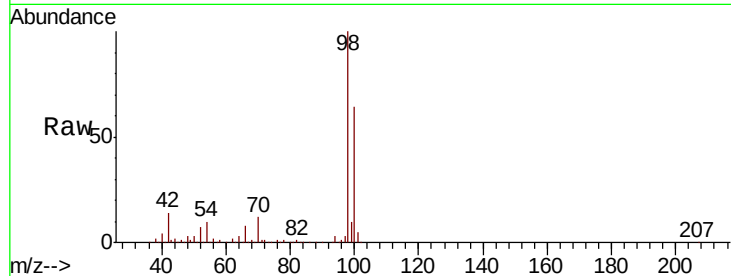




#51
 4-Methyl-2-Pentanone
 Concen: 0.657 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.11 min
 Lab File: VN062436.D
 Acq: 9 Jul 2020 3:59

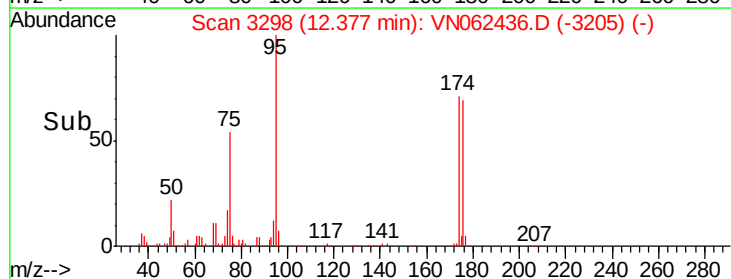
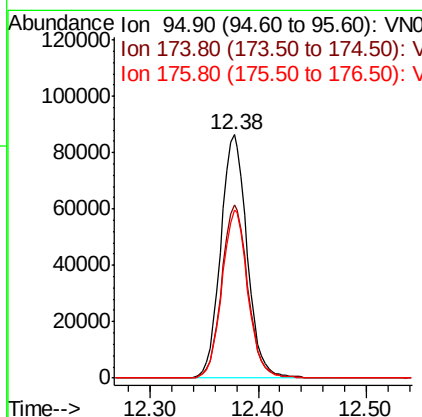
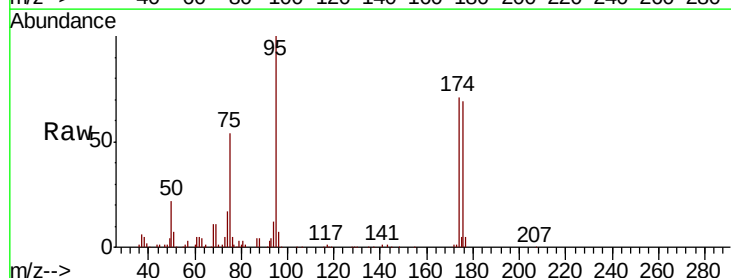
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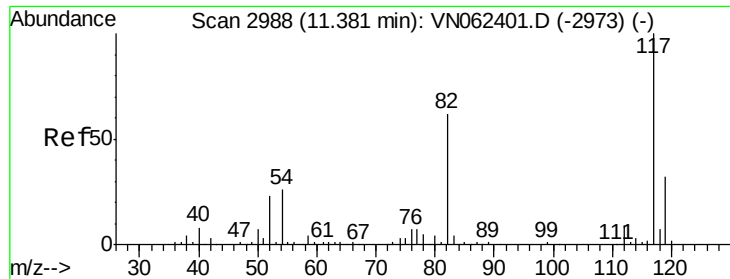
Tot Ion: 43 Resp: 2333
 Ion Ratio Lower Upper
 43 100
 58 155.4 29.0 43.6#



#62
 4-Bromofluorobenzene
 Concen: 51.569 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062436.D
 Acq: 9 Jul 2020 3:59

Tgt Ion: 95 Resp: 146901
 Ion Ratio Lower Upper
 95 100
 174 70.9 0.0 141.6
 176 67.8 0.0 137.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062436.D

Acq: 9 Jul 2020 3:59

Instrument :

MSVOA_N

ClientSampleId :

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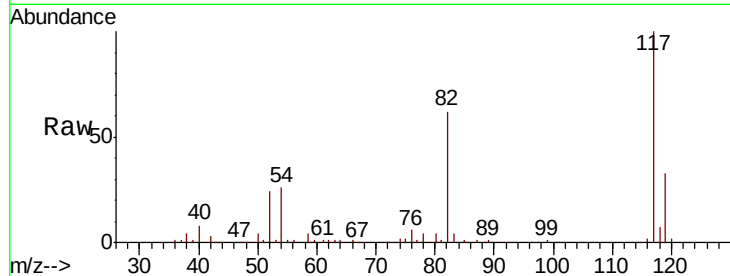
Tot Ion:117 Resp: 307261

Ion Ratio Lower Upper

117 100

82 61.6 49.6 74.4

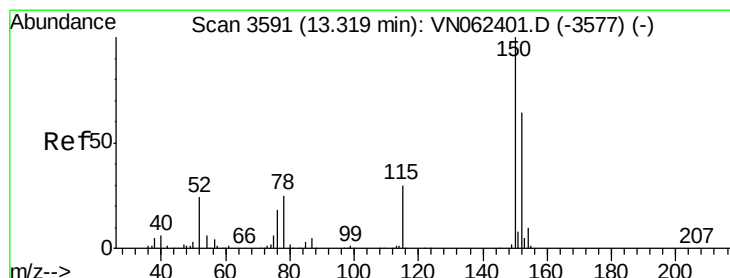
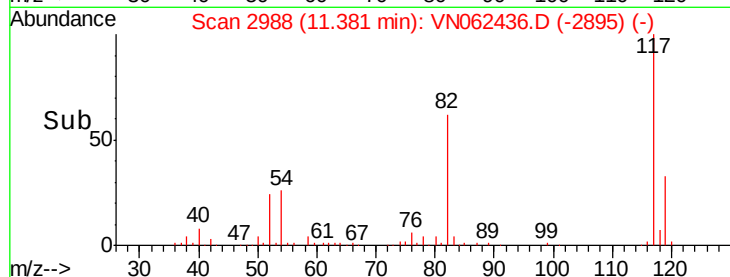
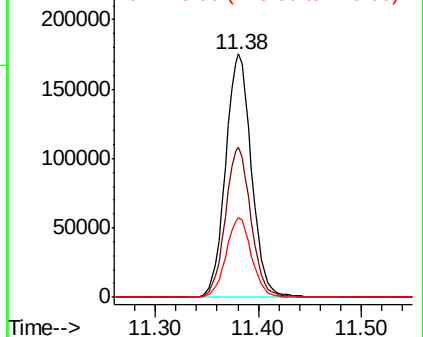
119 32.7 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062436.D

Acq: 9 Jul 2020 3:59

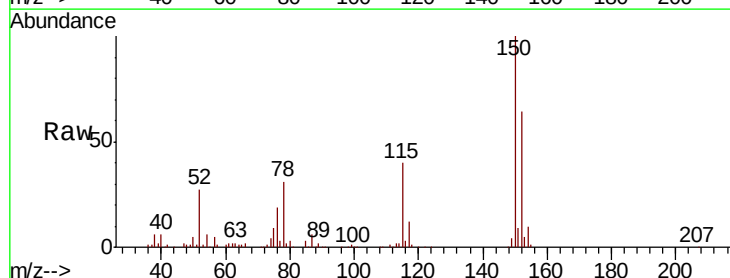
Tgt Ion:152 Resp: 111676

Ion Ratio Lower Upper

152 100

115 63.5 31.4 94.2

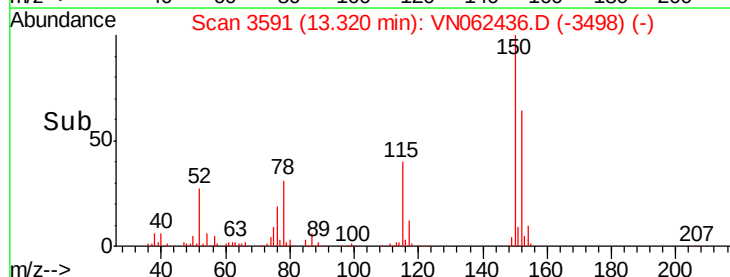
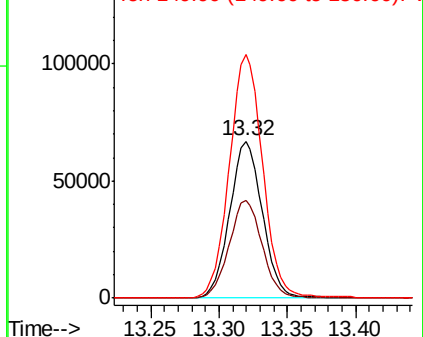
150 158.5 0.0 347.4

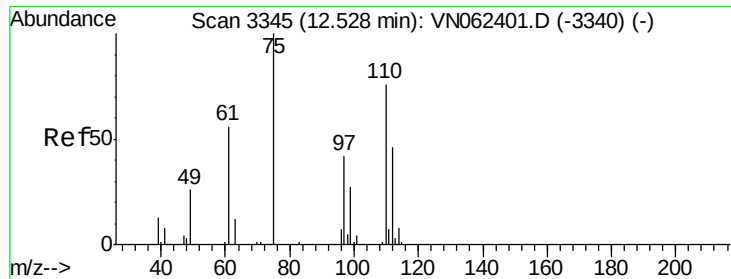


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

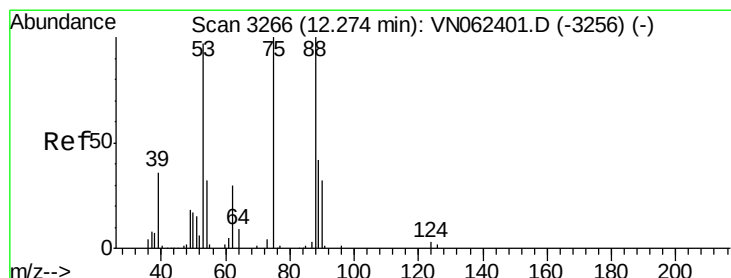
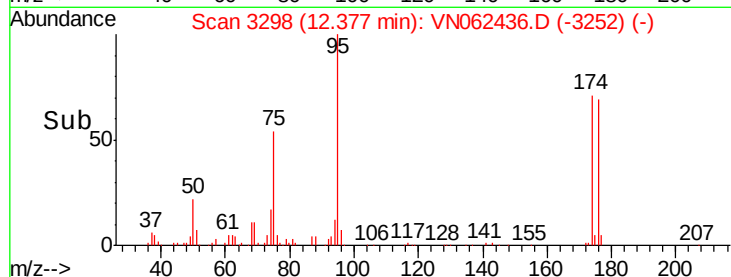
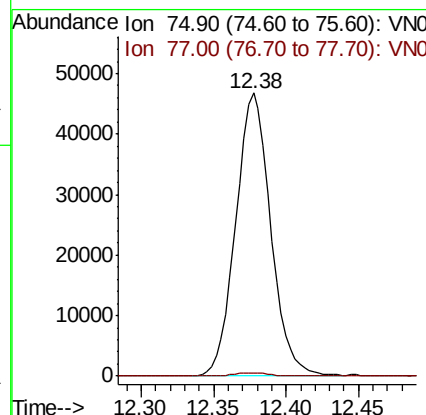
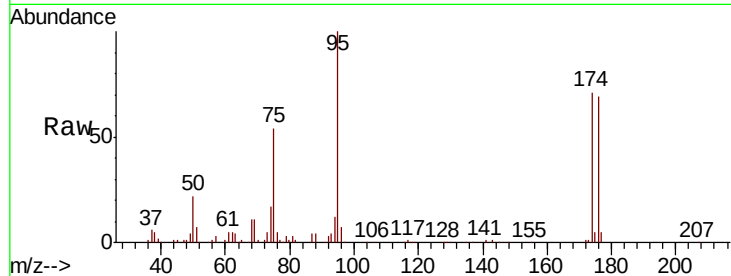




#76
 1,2,3-Trichloropropane
 Concen: 28.621 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN062436.D
 Acq: 9 Jul 2020 3:59

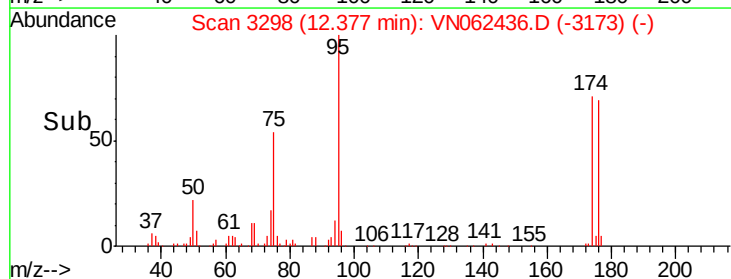
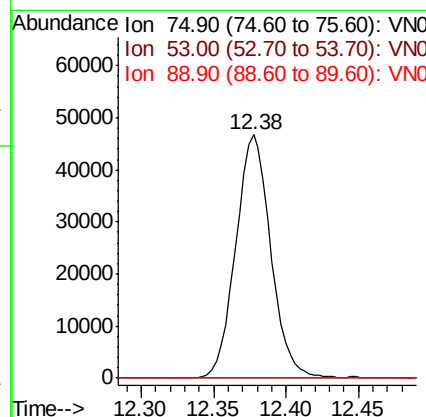
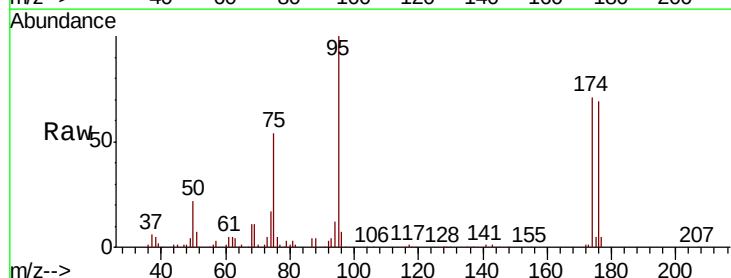
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-MW180-TB-20200629

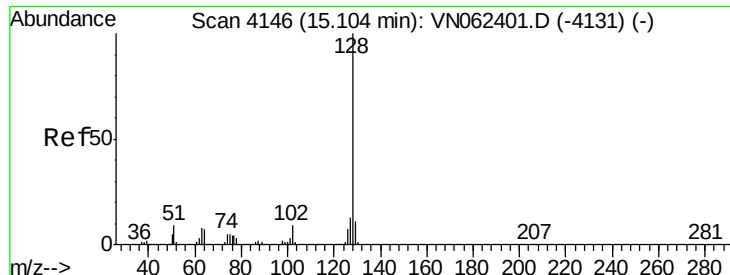
Tot Ion: 75 Resp: 78426
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.607 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN062436.D
 Acq: 9 Jul 2020 3:59

Tgt Ion: 75 Resp: 78426
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.2 118.8#
 89 0.0 34.6 52.0#

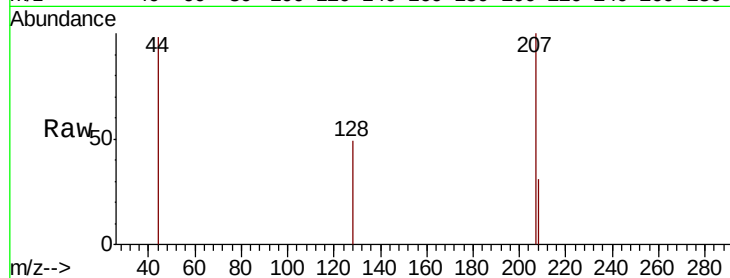




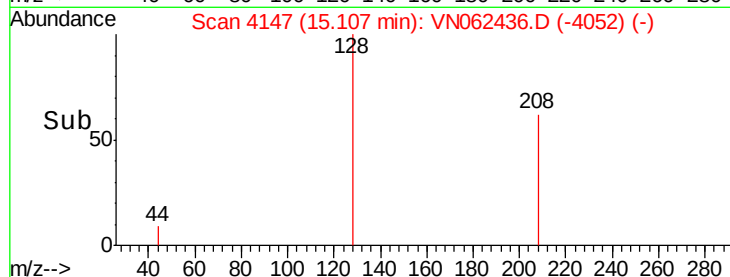
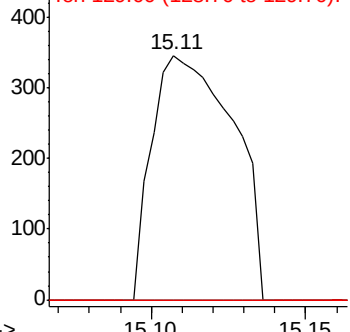
#95
Naphthalene
Concen: Below Cal
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062436.D
Acq: 9 Jul 2020 3:59

Instrument :
MSVOA_N
ClientSampleId :
BP-MW180-TB-20200629

Tot Ion:128 Resp: 635
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



Time-->